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TANNERY INTERCEPTOR SYSTEM RESPONSE ACTIVITY PLAN

DRAFT – FOR REVIEW ONLY

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PREPARED FOR:
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1.0 INTRODUCTION

On behalf of Wolverine World Wide, Inc. (Wolverine), Rose & Westra, a Division of GZA GeoEnvironmental, Inc. (R&W/GZA), prepared this Response Activity Plan (RAP) for the Interceptor System at the former Wolverine Tannery, 181 North Main Street, Rockford, Michigan (Site). Per Section 7.7(b)(i) of the Consent Decree (CD), the objective of this RAP is to demonstrate that the Interceptor System is "… appropriately sized to address and control PFAS Compounds contamination in the groundwater at the Tannery before it enters the Rogue River."

As is discussed in this RAP, R&W/GZA utilized the comprehensive database of Site geologic and groundwater conditions to develop a groundwater flow model on which the design of an effective groundwater interceptor system for the Site can be based. This RAP details the modeling efforts and provides the preliminary design for the extraction system to be installed at the Tannery. Based on the modeling, the extraction system design includes 10 shallow extraction wells and 3 deep extraction wells south of Rum Creek, and an additional 6 shallow extraction wells north of Rum Creek. R&W/GZA was in the process of preparing the final design for the interceptor system when the CD was signed and had conducted pump tests to support the design and installed the first three extraction wells along with nine monitoring wells in 2019. The additional wells will be installed following approval of this RAP. Section 8.0 provides more details on the system. As discussed in Section 11.0, the system may be adjusted or modified once operational based on performance monitoring in order to meet the obligations of the CD discussed above.

2.0 SUMMARY OF CONCEPTUAL SITE MODEL

The Site consists of 14.5 acres encompassing the former Wolverine Tannery property between Main Street and the Rogue River, north of Courtland Street, in Rockford, Michigan (**Figure 1**). Rum Creek flows from east to west through the central portion of the Site and discharges into the Rogue River.

Figure 2-1: Site Plan

Based on Kent County LiDAR data, the Site slopes from Main Street toward the Rogue River with elevations ranging from approximately 707 feet mean sea level near the southeastern corner to 690 feet along the Rogue River. The properties surrounding the Site are a mixture of commercial (predominately south of the Site) and residential land use (east and north of the Site).

2.1 SITE HISTORY

This Site historically had a street address of 123 North Main Street, Rockford, Michigan and was developed in the late 1800s with an ice house, lumber yard and associated coal storage located north of Courtland Street and west of Main Street. A shoe factory was constructed north of Rum Creek circa 1903, and the tannery was constructed south of Rum Creek circa 1908. The tannery eventually extended to the south and west onto formerly residential land and a lumber/coal yard, respectively. The tannery operated until 2009. In 2010 and 2011, once applicable environmental permits were obtained, it was demolished. A retail outlet store and certain paved parking areas remain on the Site.

During the demolition in 2010 and 2011, Wolverine collected groundwater samples from monitoring wells and piezometers under consultation with the U.S. Environmental Protection Agency (EPA) and the former Michigan Department of Environmental Quality (MDEQ) - now the Michigan Department of Environment, Great Lakes and Energy (EGLE). Wolverine and MDEQ collected additional samples from the Site and the Rogue River during a Preliminary Assessment under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) in late 2011 and early 2012.

Starting in August 2017, groundwater samples were collected from the Site monitoring wells for analysis of perfluoroalkyl substances (PFAS) due to the historical usage of Scotchgard™ in tannery processes on the Site. Scotchgard™ was manufactured by 3M Company and contained PFAS as the active ingredients.

The groundwater data indicated perfluoroalkyl sulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) exceeded Part 201 Generic Groundwater Cleanup Criteria (GGCC). The only applicable exposure pathway for PFAS compounds in groundwater at the Site is the groundwater/surface water interface (GSI) pathway. The drinking water pathway is not complete, as area residents are on municipal drinking water and do not utilize the groundwater beneath the Tannery or the river water as a drinking water source. EGLE has not promulgated other Part 201 GGCC for PFAS beyond the GSI and drinking water pathways. For the GSI pathway, the main driver is PFOS, which has the most restrictive criterion at 12 parts per trillion.

Additional investigation was performed in 2018, 2019, and 2020. The EPA's UAO and AOC[1] do not cover PFAS, but the samples from 2018, including 225 soil samples, 112 groundwater samples, 14 surface water samples, and 100 sediment samples, were analyzed for PFAS. Refer to the "Final Implementation of 2018 Work Plan Summary Report, Tannery 2018 Work, Rockford, Michigan," dated January 11, 2019, prepared by R&W/GZA (R&W/GZA, 2019) for details.

In late 2019 and 2020, as part of the AOC activities, 14,576 cubic yards of soil and sediment were removed from nine excavation areas at the Site for disposal off-site. While PFAS was not the driver for these excavations, the removal of these PFAS-containing soils from the Site reduced the source of PFAS to groundwater. Specifically, 10,748 cubic yards of material, including leather scraps that may have been treated with Scotchgard™, was removed north of Rum Creek.

2.2 PRECIPITATION AND GROUNDWATER RECHARGE

The 2016 climate data report for Grand Rapids, Michigan, downloaded from National Oceanic and Atmospheric Administration, indicates that the mean annual precipitation for the 80-year record period is approximately 36 inches. Based on the State-wide GIS data for the estimated annual groundwater recharge downloaded from the Michigan Geographic Data Library, groundwater recharge at the Site is estimated at approximately 11 inches. The Site, while previously developed, is generally free of surface pavement (with the exception of the parking lot at the north end) and the influence of stormwater collection features. Therefore, this value is believed appropriate for estimating annual recharge to the Site groundwater system.

From 1989 to 2016, the average annual streamflow rate measured at the U.S. Geological Survey (USGS) Gauging Station No. 04118500, located near Packer Drive NE at Rockford, Michigan, is approximately 260 cubic feet per second (cfs), and the average baseflow rate is approximately 210 cfs.

2.3 REGIONAL GEOLOGY

The unconsolidated geologic conditions in Kent County consist of a thick sequence of Pleistocene glacial deposits. The glacial deposits in the county include till, outwash and lacustrine deposits. Till occurs in end moraines and ground moraines (till plains), interspersed on the surface throughout the County (Stramel, Wisler, & Laird, 1954). For the area near the City of Rockford and Plainfield Township, the Michigan Glacial Land systems (Groundwater Inventory and Mapping Project, 2015) indicates a proglacial outwash plain is present along the

[1] Unilateral Administrative Order for Removal Actions[1] (UAO) effective February 1, 2018, and U.S. EPA Administrative Settlement Agreement and Order on Consent for Removal Actions (ASAOC) associated with the Former Wolverine Tannery and House Street Disposal site agreed upon by Wolverine and EPA on October 28, 2019.

Rogue River, and end moraines are present on either side of the Rogue River extending to the "wide" near the Grand River. The ground moraine (till plain) and end moraine belong to the unstratified group of deposits, composed of fine- to coarse-grained material, including silt, sand, gravel, and boulders.

Bedrock consisting of the Mississippian-aged sandstone (Marshall formation), shale (Michigan formation), and the Bayport limestone as well as the Pennsylvanian-aged Saginaw Formation underlay Kent County. Based on the Hydrogeologic Atlas of Michigan (Western Michigan University, Department of Geology, 1981), the top of bedrock elevation ranges from 500 to 550 feet near the City of Rockford; therefore, the overburden thickness ranges from approximately 145 feet to approximately 205 feet.

2.4 SITE GEOLOGY

R&W/GZA's investigation activities on-Site indicate that unconsolidated deposits include shallow fill and alluvial disturbed soils overlying a relatively thick, unstratified sequence of sand and silt/clay which has been generally encountered at depths of 10 to 20 feet below ground surface (bgs). The fill materials typically include sand and gravel containing varying percentages of ash, brick, cinders, and other debris. Occasional peat was also encountered in borings drilled at the Site. Bedrock has not been encountered in borings drilled to date with a maximum boring depth of approximately 150 feet bgs.

Several geologic cross-sections were created based on the soil borings and well installation completed to date. **Sheet No. 1** includes the locations of the cross-sections and **Sheet Nos. 2** through **5** for geologic cross sections I-I' through VII-VII'. Groundwater monitoring well names are labeled on the cross-sections. PFOS concentrations in micrograms per liter (µg/L), or parts per billions (ppb), are also posted by the monitoring well screens for discussions in the later sections.

Underlying the surficial layer of fill material at the Site, the predominant geologic conditions across the Site are characterized by sand and sand-and-gravel deposits with fine-grained soils, consisting of clay or silt. The thickness and texture of the fine-grained deposits vary laterally and with depth. In some boreholes, fine-grained soils were not observed, or the thickness of the fine-grained soil strata were less than those of coarse-grained soils, such as sand or gravel. Thicker and more frequent encounters of fine-grained soils tend to occur on the northern portion of Site. In the area north of the Rum Creek, fine-grained soils were encountered at approximately 5 to 8 feet bgs in the majority of the soil borings. Generally, fine-grained soil appears to be unstratified, and the distributions result in significant geologic heterogeneity throughout the unconsolidated deposits underlying the Site.

2.5 REGIONAL HYDROGEOLOGY

The direction of regional groundwater flow is influenced by the primary surface water features of the Rogue River and the Grand River drainage. Streamflow data from the USGS Gaging Station indicates that the Rogue River is a gaining stream, acting as a groundwater discharge zone. Therefore, the regional groundwater flow pattern within the unconsolidated deposits in the vicinity of the Site is generally westerly, with discharge occurring to the river immediately west of the Site.

2.6 SITE HYDROGEOLOGY

Based on evaluation of the water level data collected from Site monitoring wells (see attached **Table 1** for the April 2019 groundwater elevation and well screen information) and surface water stations, the direction of groundwater flow within the upper portion of the saturated zone is generally from east-to-west, toward the Rogue River, with discharge also occurring to Rum Creek representing the primary Site groundwater discharge zones. **Figure 2-2** shows the interpreted groundwater contours.

Figure 2-2: Interpreted Groundwater Contours, Feet (April 2019)

Hydraulic conductivities measured via slug testing within monitoring wells screened above the low-permeability unit range from less than 0.1 feet per day to greater than 10 feet per day. As shown in Figure 2-2, the average hydraulic gradient is approximately 0.006. Based on the average hydraulic gradient and the range of hydraulic conductivities, the groundwater seepage velocity is estimated to range from 0.7 to 70 feet per year.

2.7 CHEMICAL DATA

The only applicable pathway for PFAS compounds in groundwater at the Site is the GSI pathway. This section provides a summary of the chemical data (R&W/GZA, 2019) related to the GSI pathway, considering the primary purpose of the groundwater interceptor system is to minimize impacted groundwater at the Site from discharging to the Rogue River.

PFOS and certain other non-PFAS compounds exceed their generic GSI criteria in one or more samples. The spatial distributions and concentrations relative to their generic GSI criteria indicates PFOS is the controlling factor for the design of the groundwater interceptor system.

R&W/GZA prepared summary tables and two-dimensional isoconcentration figures for compounds in groundwater and sediment that exceed GSI criteria (R&W/GZA, 2019). The isoconcentration map for PFOS in groundwater is included as **Figure 2-3** below. **Sheet Nos. 2** through **5** present PFOS concentration data (ppb) in the groundwater monitoring wells in cross-sections I-I' through VII-VII'. As shown in **Figure 2-3**, relatively high PFOS concentrations were detected in the area near Rum Creek, south of Rum Creek, and along the Rogue River. As shown in **Sheet Nos. 2** through **5**, PFOS was primarily present in the upper 10 feet of the saturated section, corresponding to approximate elevations of 680 to 690 feet.

Downward migration of PFOS from the upper groundwater zone is mostly affected by lithology, that is, the presence or absence of fine-grained soils, which provide barrier or impedance to downward migration. For example, the presence of clay and silt in well cluster TA-MW-303A/E limits the relatively higher PFOS concentrations (30 to 50 ppb) to above an elevation of approximately 672 feet; the presence of clay and silt in TA-MW-313 and TA-MW-316 well clusters limit the relatively higher PFOS concentrations (0.4 to 0.5 ppb) to above an elevation of approximately 687 feet. On the other hand, the lack of fine-grained soils or relatively thin stratum of fine-grained soil allow the vertical migration of PFOS within the groundwater. Due to the relatively thin strata of fine-grained soils in well cluster TA-MW-309, relatively higher PFOS concentrations (13 to 62 ppb) were detected in well cluster TA-MW-309 from the shallow saturated zone to an elevation of approximately 650 feet. The vertical distribution of PFOS will be taken into consideration during the design of the groundwater interceptor system.

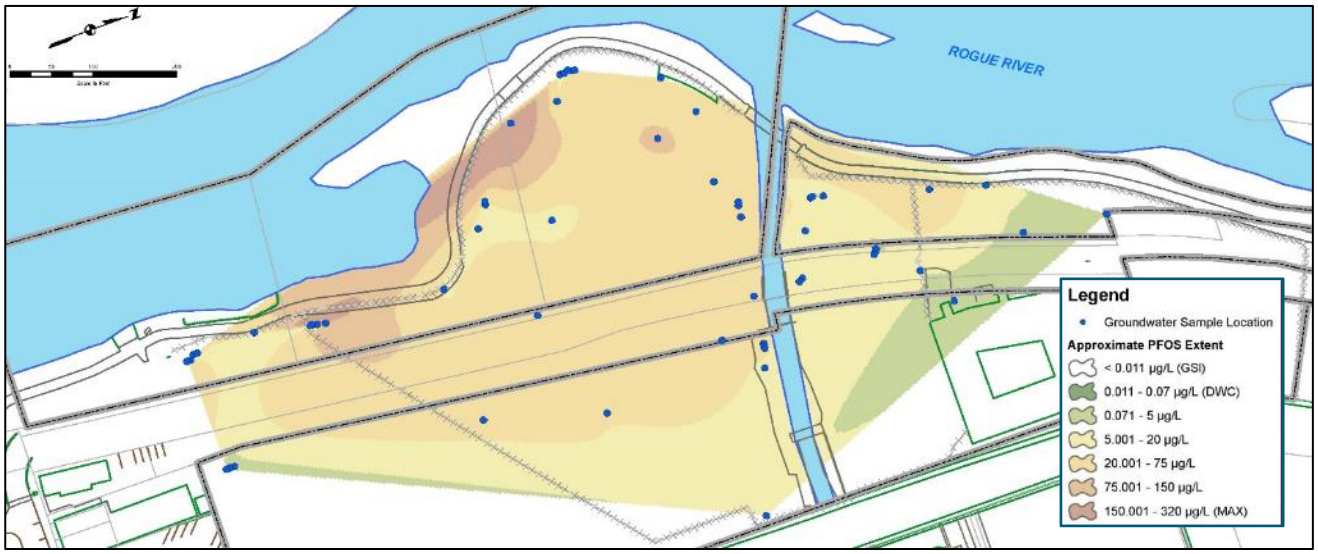


Figure 2 3: Extent of PFOS in Groundwater (Based on R&W/GZA, 2019)

3.0 IN SITU EVALUATION OF SITE HYDRAULIC PROPERTIES

To evaluate hydraulic properties of the upper groundwater section, three pumping tests were performed by extracting groundwater from recovery wells TA-RW-1, TA-RW-2 and TA-RW-3 in May 2019. Pressure transducers were installed in the recovery wells and the nearby groundwater monitoring wells to measure water level changes before, during and after the pumping. **Figure 3-1** indicates the locations of the recovery wells and the monitoring wells.

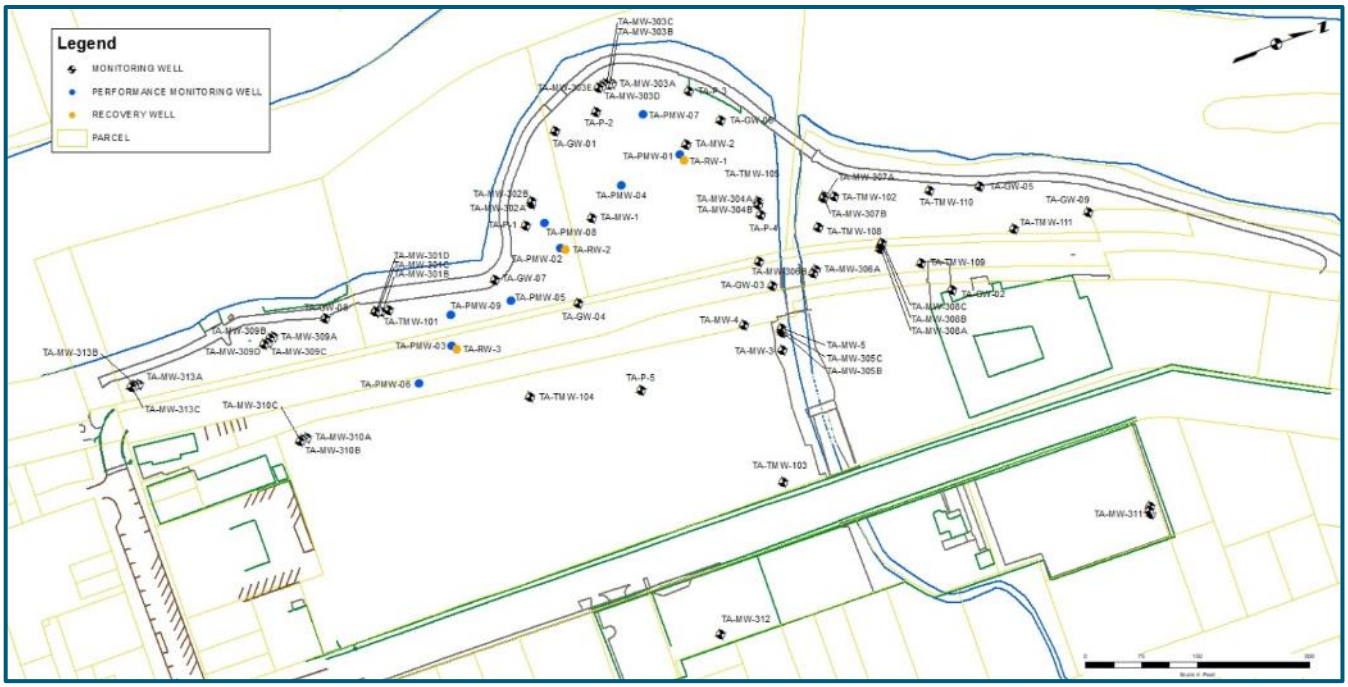


Figure 3-1: Well Location Plan

Table 3-1 provides a summary of the pump start-up, shutdown, pumping rates in gallons per minute (GPM) and the list of the monitoring wells observed to have drawdowns greater than 0.3 foot for pumping test interpretation.

Recovery Well	Pumping Rate, GPM	Pumping Start	Pump Shut-off	List of Monitoring Wells Responding to Pumping
TA-RW-1	2.9	5/6/2019 12:00 PM	5/8/2019 12:12 PM	TA-PMW-1 and TA-MW-2
TA-RW-2	0.25	5/13/2019 12:30 PM	5/15/2019 3:50 PM	TA-PMW-2 and TA-MW-1
TA-RW-3	3.5	5/20/2019 1:32 PM	5/22/2019 2:08 PM	TA-PMW-3 and TA-PMW-6

Table 3-1: Summary of Pumping Test Periods

Soil boring logs and well installation logs for TA-RW-1 through TA-RW-3, and TA-PMW-1 through TA-PMW-9 and combined summary plots of the water level response data for each of the pumping tests are in **Appendix A**.

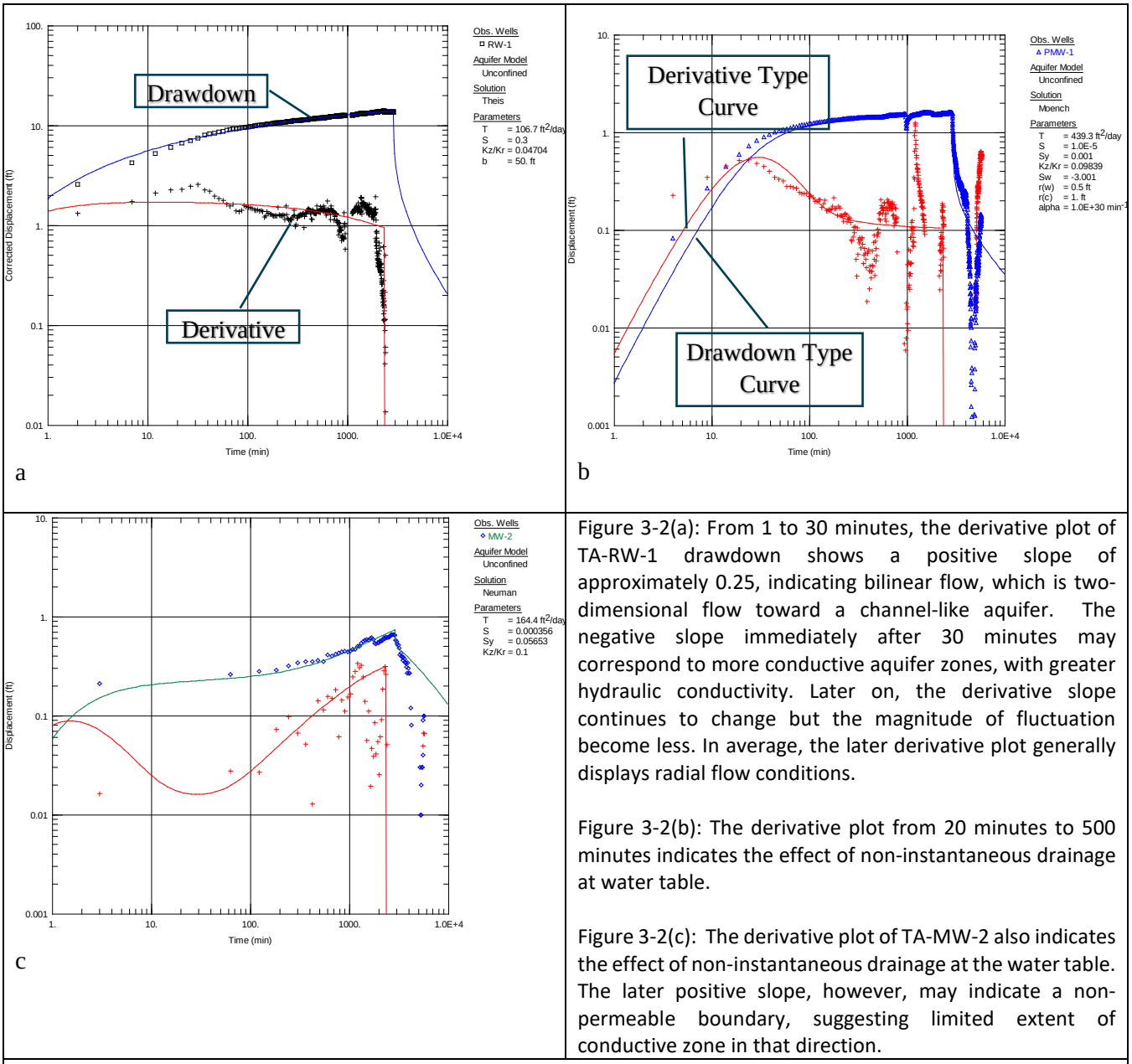


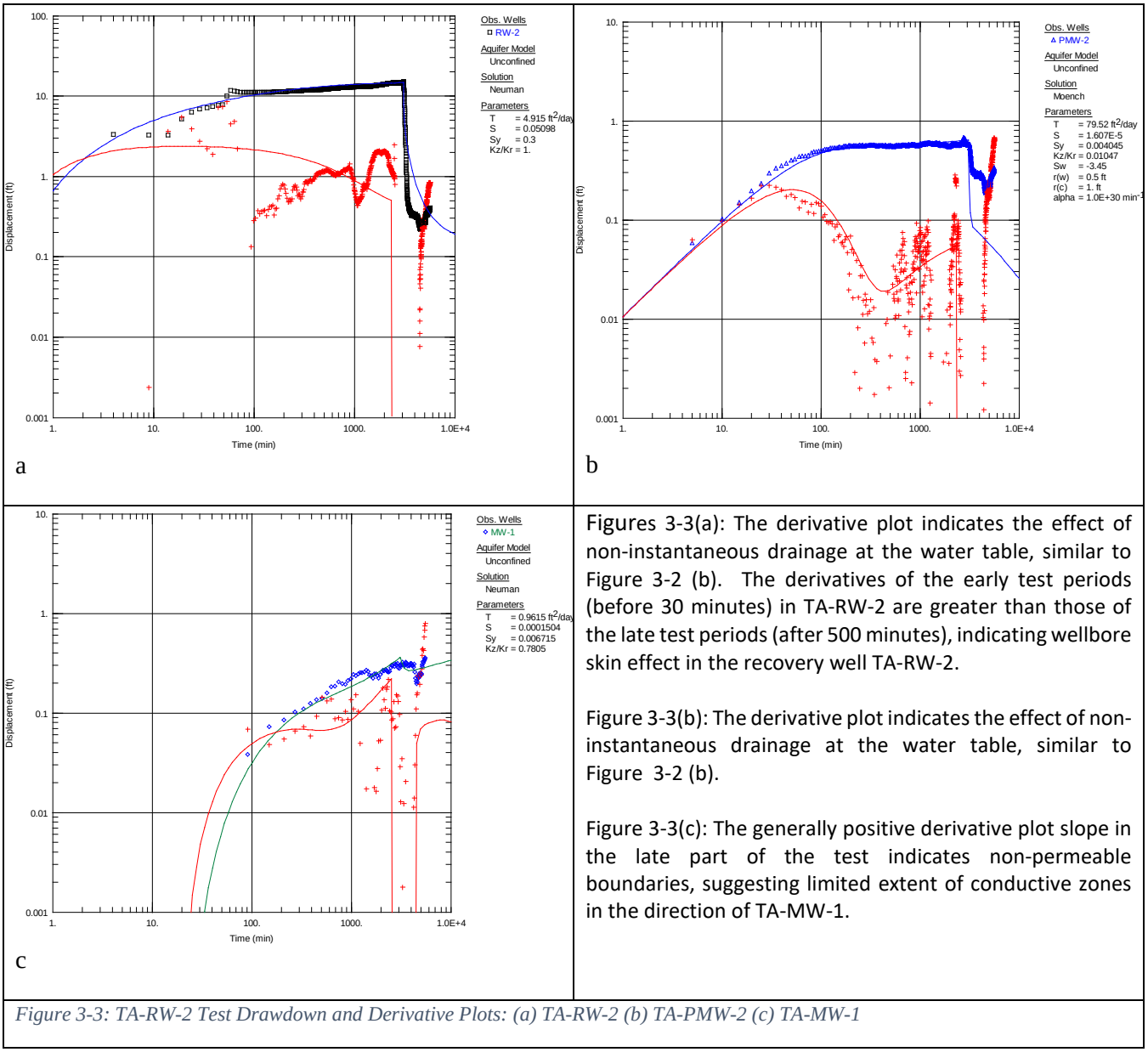
Figure 3-2(a): From 1 to 30 minutes, the derivative plot of TA-RW-1 drawdown shows a positive slope of approximately 0.25, indicating bilinear flow, which is two-dimensional flow toward a channel-like aquifer. The negative slope immediately after 30 minutes may correspond to more conductive aquifer zones, with greater hydraulic conductivity. Later on, the derivative slope continues to change but the magnitude of fluctuation become less. In average, the later derivative plot generally displays radial flow conditions.

Figure 3-2(b): The derivative plot from 20 minutes to 500 minutes indicates the effect of non-instantaneous drainage at water table.

Figure 3-2(c): The derivative plot of TA-MW-2 also indicates the effect of non-instantaneous drainage at the water table. The later positive slope, however, may indicate a non-permeable boundary, suggesting limited extent of conductive zone in that direction.

Figure 3-2: TA-RW-1 Test Drawdown and Derivative Plots: (a) TA-RW-1 (b) TA-PMW-2 (c) TA-MW-2.

Software AQTESOLVE by HydroSOLVE, Inc. of Reston, Virginia was used to perform pumping test analysis. The drawdowns and the derivatives of the drawdowns are plotted in F**igure Nos. 3-2 through 3-4**. **Figure 3-2(a)** through **Figure 3-2(c)** present the log-log plots of drawdowns and derivatives, along with pumping test solution matching type curves. The derivative plots indicate the effect of non-instantaneous drainage at the water table, the presence of low permeability zones limiting the cross-sectional groundwater flux areas, and potentially non-permeable boundary in the direction of TA-MW-2 as the stress of pumping propagates further.



Figures 3-3(a): The derivative plot indicates the effect of non-instantaneous drainage at the water table, similar to Figure 3-2 (b). The derivatives of the early test periods (before 30 minutes) in TA-RW-2 are greater than those of the late test periods (after 500 minutes), indicating wellbore skin effect in the recovery well TA-RW-2.

Figure 3-3(b): The derivative plot indicates the effect of non-instantaneous drainage at the water table, similar to Figure 3-2 (b).

Figure 3-3(c): The generally positive derivative plot slope in the late part of the test indicates non-permeable boundaries, suggesting limited extent of conductive zones in the direction of TA-MW-1.

Figure 3-3: TA-RW-2 Test Drawdown and Derivative Plots: (a) TA-RW-2 (b) TA-PMW-2 (c) TA-MW-1

Figures 3-3(a) through **Figure 3-3(c)** presents the log-log plots of drawdowns and derivatives, along with pumping test solution matching type curves for the TA-RW-2 test. **Figures 3-3 (a)** through **3-3 (c)** show the wellbore skin effect at the recovery well, non-instantaneous drainage at the water table, and non-homogeneous nature as the effect of pumping propagating further.

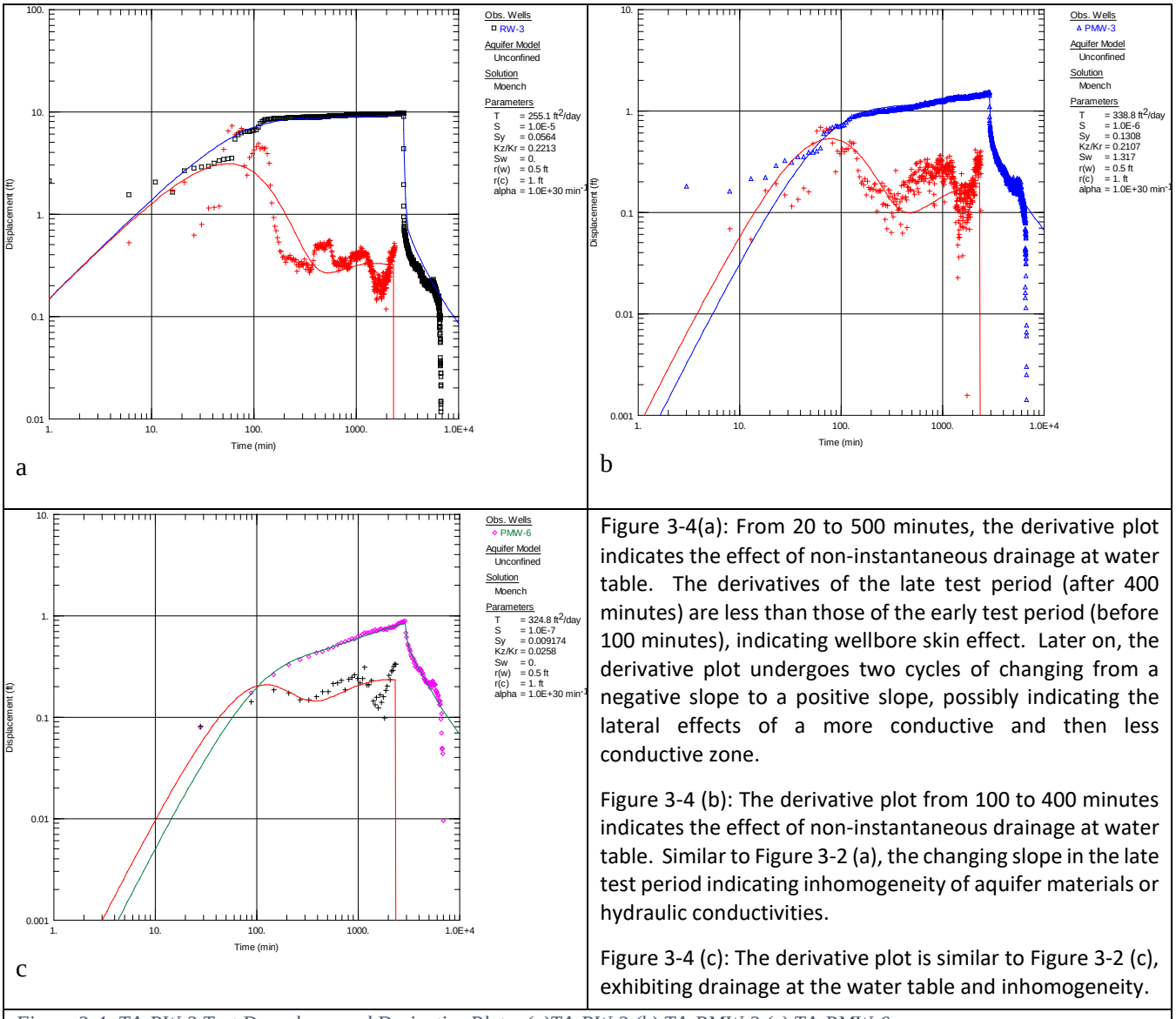


Figure 3-4(a): From 20 to 500 minutes, the derivative plot indicates the effect of non-instantaneous drainage at water table. The derivatives of the late test period (after 400 minutes) are less than those of the early test period (before 100 minutes), indicating wellbore skin effect. Later on, the derivative plot undergoes two cycles of changing from a negative slope to a positive slope, possibly indicating the lateral effects of a more conductive and then less conductive zone.

Figure 3-4 (b): The derivative plot from 100 to 400 minutes indicates the effect of non-instantaneous drainage at water table. Similar to Figure 3-2 (a), the changing slope in the late test period indicating inhomogeneity of aquifer materials or hydraulic conductivities.

Figure 3-4 (c): The derivative plot is similar to Figure 3-2 (c), exhibiting drainage at the water table and inhomogeneity.

Figure 3-4: TA-RW-3 Test Drawdown and Derivative Plots: (a)TA-RW-3 (b) TA-PMW-3 (c) TA-PMW-6

Figures 3-4 (a) through **3-4 (c)** indicate wellbore skin effect at the recovery well, non-instantaneous drainage at the water table, and non-homogeneous nature as the effect of pumping propagating further.

The drawdown and the derivative data were matched with the type curves of unconfined Neuman solutions (Neuman, 1975) or unconfined Moench solutions (Moench, 1997). The unconfined Neuman solution is appropriate for anisotropic, homogeneous, unconfined aquifer, fully or partial penetration with instantaneous drainage at the water table. The unconfined Moench solution is similar to the Neuman solution, except for the introduction of the non-instantaneous drainage parameter. The Neuman solutions were attempted for all the recovery wells and the observation wells, but for some wells where non-instantaneous drainage occurred, the Moench solutions provide a better fit to the data as shown in Figures 3-2 through 3-6.

Overall, the pumping test results reflect the variable hydraulic properties and general heterogeneity of the shallow groundwater flow system at the Site as observed in numerous borings drilled across the Site. **Table 3-2** provides a summary of the interpreted hydraulic conductivity, storage coefficient, specific yield, and the ratio of vertical hydraulic conductivity to horizontal hydraulic conductivity as derived from the pumping tests.

Test/Observation Well	Hydraulic Conductivity, ft/d	Storage Coefficient (dimensionless)	Specific Yield	Ratio of Vertical to Horizontal Hydraulic Conductivity (Kz/Kh)
TA-RW-1 Test				
TA-RW-1	2.1	Not Used	3.0E-01	0.05
TA-PMW-1	8.8	1.0E-05	1.0E-03	0.10
TA-MW-2	3.3	3.6E-04	5.7E-02	0.10
TA-RW-2 TEST				
TA-RW-2	0.1	Not Used	3.0E-01	1.0
TA-PMW-2	1.6	1.6E-05	4.1E-03	0.01
TA-PMW-8	0.06	3.6E-04	1.7E-02	1.0
TA-MW-1	0.02	1.5E-04	6.7E-03	0.78
TA-RW-3 TEST				
TA-RW-3	5.1	Not Used	5.6E-02	0.22
TA-PMW-3	6.8	1.0E-06	1.3E-01	0.21
TA-PMW-6	6.5	1.0E-07	9.2E-03	0.03

Table 3-2 - Summary of Interpreted Results

The interpreted hydraulic conductivity values of the TA-RW-1 and TA-RW-3 tests appear to be consistent and provide a reliable value for the coarser grained deposits. These values are approximately one order of magnitude less than the typical values for a clean sand and gravel aquifer. The lower hydraulic conductivity values are attributed to increased percentages of finer-grained material in the well screen intervals and near the extraction wells. The interpreted hydraulic conductivity values of the TA-RW-2 test are lower than those of TA-RW-1 and TA-RW-3 because the proportion of fine-grained soil in TA-RW-2 borehole are greater than those observed near TA-RW-1 and TA-RW-3. The pumping test solutions assume a homogeneous aquifer. For the non-homogeneous aquifer at the Site, the pumping test results represent scaled-up, average values for the zone of investigation affected by the pumping stress. The interpreted hydraulic conductivity values provide a range for subsequent groundwater modeling input and calibration.

The storage coefficient values from the pumping wells were not used because observation well data generally provides a better estimate for the storage coefficient. In addition, for unconfined aquifers, the drawdown response is largely controlled by hydraulic conductivity and specific yield. The effect of elastic storage and dewatering represented by the storage coefficient is limited to the early part of the test, and generally negligible as compared to the effect of delayed water table response as represented by specific yield. For subsequent modeling input, a typical literature value of 2E-4 will be used for the storage coefficient.

The interpreted specific yields vary from 0.001 to 0.3. Fine-grained soils typically have lower specific yield values than coarse-grained soil. In addition, unreasonable lower specific yield values are often obtained from unconfined pumping test solutions not including the effect of flow in the capillary fringe, such as the Neuman solution, while Theis solution fitted to the late segment of the drawdown curve generally provides reliable estimates of specific yield (Kruseman & Ridder, 1994). The specific yield obtained from the TA-RW-1 test, using Theis solution, is 0.3. For subsequent modeling input, typical literature values ranging from 0.01 to 0.3 will be used.

4.0 GROUNDWATER MODELING OBJECTIVES

The objective of this modeling study was to develop a three-dimensional groundwater flow model to assist in the design of a groundwater extraction well network capable of capturing the PFOS compounds contamination in groundwater at the Tannery before it enters the Rogue River.

5.0 SELECTED MODEL

The USGS MODFLOW, a three-dimensional finite difference numerical modeling software, was used to perform groundwater flow simulations, and USGS MODPATH to perform particle tracking. These software packages are publicly available, peer-reviewed models that are widely accepted by regulatory agencies world-wide. Aquaveo's Groundwater Modeling System (GMS) software is used as the pre- and post-processor.

6.0 REGIONAL GROUNDWATER MODEL SETUP

A regional groundwater model, from Shaw Creek to the north and to Barkley Creek to the south, from the Rogue River to the west, and Wolverine Boulevard to the east, was first set up to evaluate regional groundwater flow (**Figure 6-1**). The eastern boundary, near Wolverine Boulevard, was prescribed as an artificial constant-head groundwater boundary. The location was selected based on the county-wide estimated groundwater elevation contours. Its distance to the Site is significantly greater than the Site size; therefore, boundary effects are expected to be negligible to the Site area groundwater elevation and flow. Surface water elevations were based on Kent County LiDAR data (Sanborn, 2014) and adjusted per R&W/GZA's May 2019 water level measurements collected at surface water gaging station SW-04 during the pumping tests. The elevations from the LiDAR data provide a set of synoptic data for the surface water elevations. The SW-04 data was used as a reference point, and the synoptic data set was adjusted based on the difference in water elevations at SW-04 between the LiDAR data and the measured data on May 5, 2019, prior to the pumping test. **Figure 6-1** is the model domain and the input surface water boundary types and elevations.

A model grid size of 30 by 30 feet was used horizontally. The vertical model grid extends from the ground surface to an elevation of 560 feet. Six model layers were used with layer thickness of approximately 20 feet for the top four layers, and approximately 25 feet for the fifth and sixth model layers. As an initial regional model, the model domain was assumed to be homogeneous, represented by one single value of horizontal hydraulic conductivity (Kh), vertical hydraulic conductivity (Kv), and groundwater recharge was assumed to be uniform.

An initial model calibration run was performed. Groundwater elevations were collected from a subset of 12 monitoring wells on May 5, 2019 as part of establishing static head conditions prior to the pumping tests. The April 24, 2019 groundwater elevation data, collected from 64 monitoring wells, was used as the calibration target. Comparison of the groundwater elevations from the 12 monitoring wells indicates that the May 5, 2019 elevation average is approximately 0.4 greater than that of the April 24, 2019 elevations. The difference is less than typical calibration tolerance. Therefore, the April 24, 2019 elevation data was used with the May 2019 surface elevation data.

The hydraulic conductivity and groundwater recharge were set as calibration parameters. The ranges of the hydraulic conductivity were based on the pumping test results. The range of groundwater recharge was based on "Estimated of Annual Groundwater Recharge" (Groundwater Inventory and Mapping Project, 2005). The software "PEST" (Doherty, 2021), an inverse parameter estimation tool, was used with MODFLOW. PEST directs MODFLOW to run with numerous combinations of Kh, Kv, and groundwater recharge until it establishes the optimal calibration values of Kh, Kv, and groundwater recharge. The calibrated values are achieved when the sum of squared residuals between the field measured groundwater elevations and model calculated groundwater elevations is minimized. **Table 6-1** provides the input ranges and the PEST calibrated values:

Parameters	Minimum Value	Maximum Value	PEST Calibrated Value
Horizontal Hydraulic Conductivity (Kh), ft/day	0.10	100	4.8
Vertical Anisotropy (Kh/Kv)	1.0	50	2.3
Groundwater Recharge, inches/year	9.0	12	12

Table 6-1: Regional Model Calibration Parameters

Figure 6-2 presents the model calculated groundwater elevation contours using the PEST calibrated value.

The regional model hydraulic head results were transferred to a local model, which is focused on the site area and its vicinity. The vertical model grid layers remain the same. The artificial model boundaries to the north, south and east were set as constant head boundaries for the local model and the hydraulic heads from the regional model at these boundaries were overlaid to the local model as constant head values. The horizontal model grid was refined to 10 by 10 feet. **Figure 6-3** presents the local model domain.

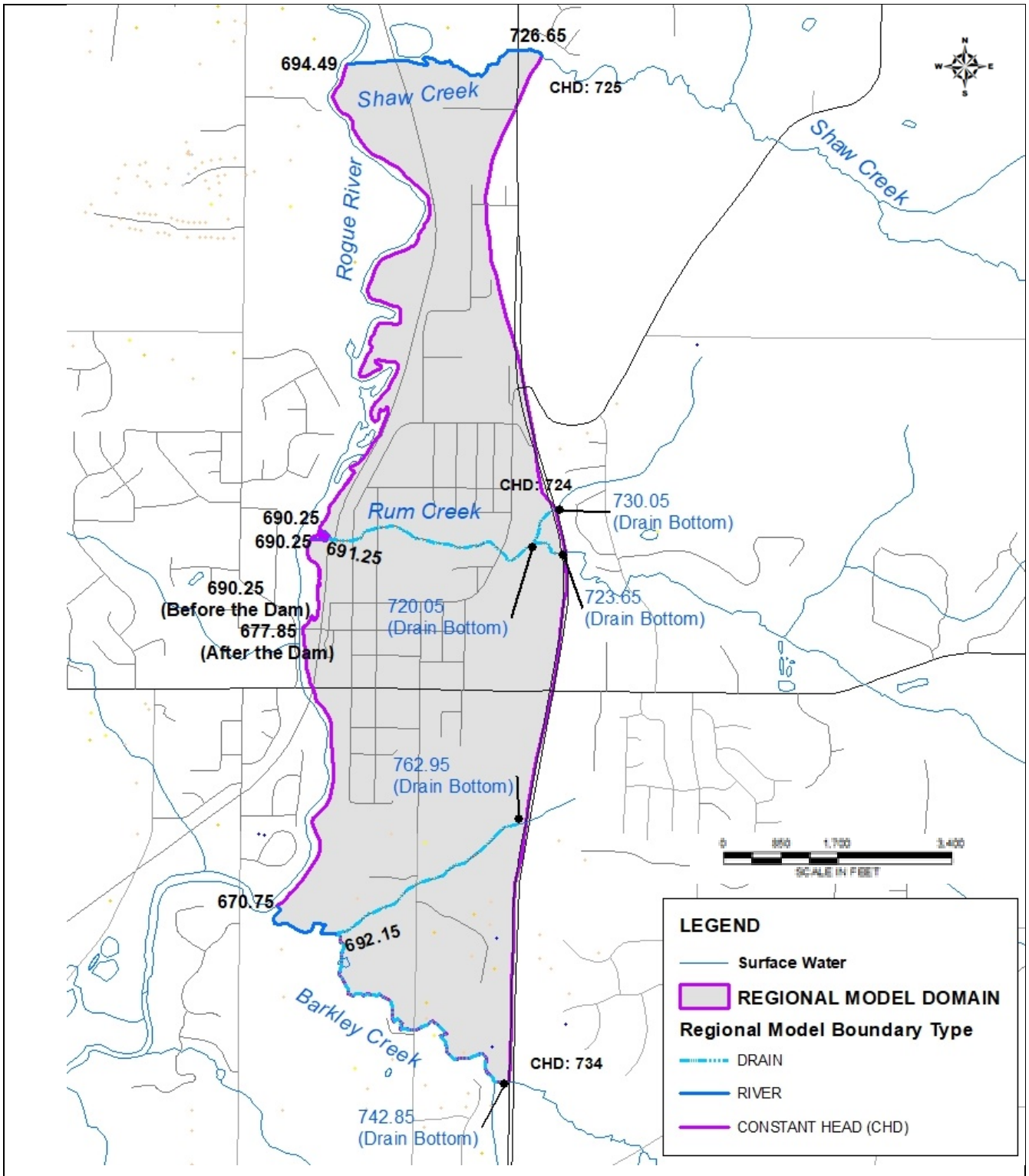


Figure 6-1:Regional Model Domain, Boundary Types

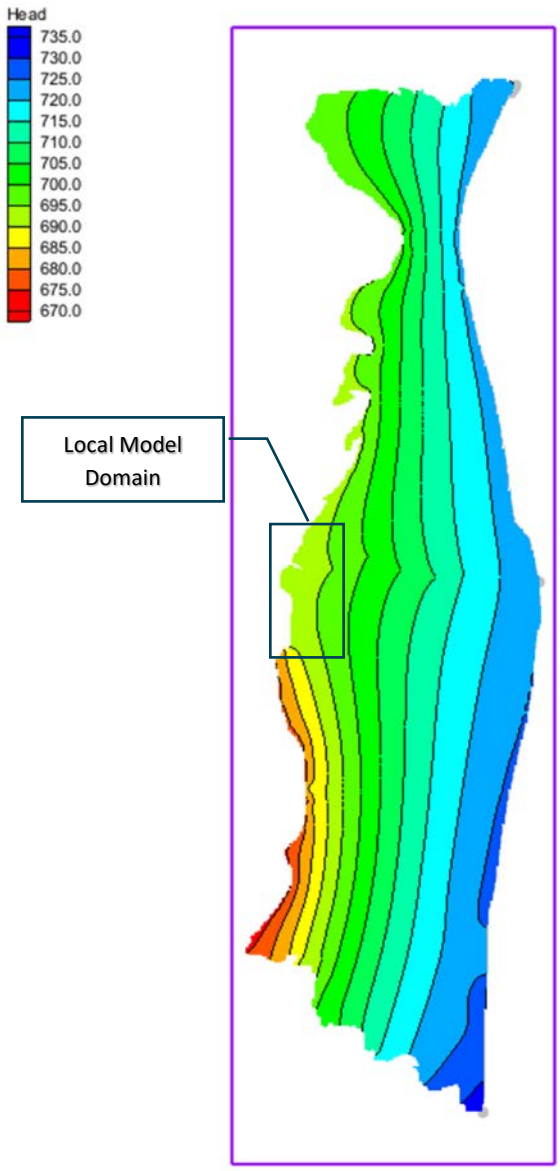


Figure 6-2: Modeled Groundwater Contours, Regional Model

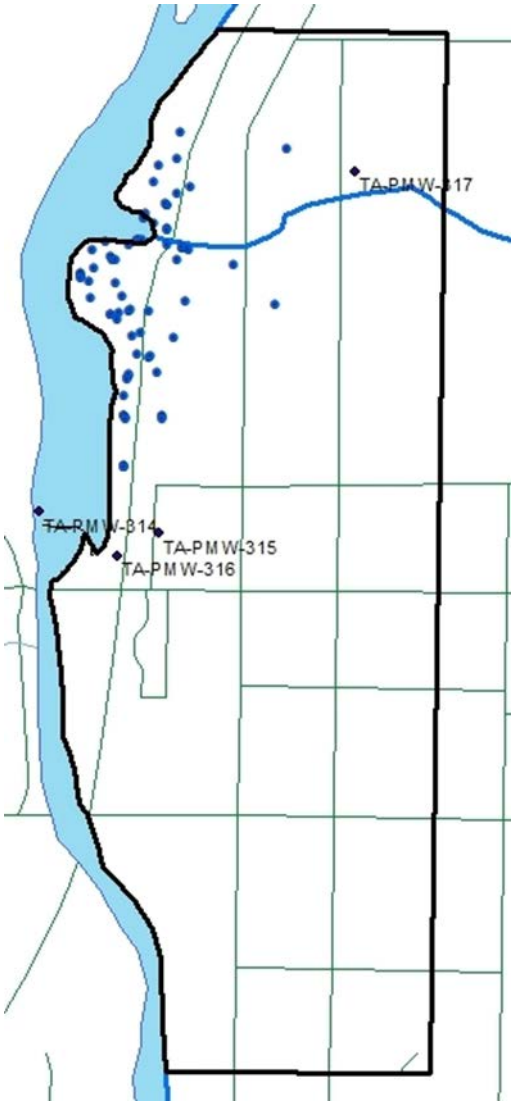


Figure 6-3: Local Model Domain

7.0 LOCAL MODEL CALIBRATION – HOMOGENEOUS AQUIFER

A homogeneous local model was set up to calibrate against the transient pumping tests performed at TA-RW-1, TA-RW-2, and TA-RW-3. The purpose was to obtain average hydraulic conductivity values for the local model. As compared to the analytical pumping test solution, the numerical model provides a better simulation of the aquifer boundaries, such as the Rogue River and Rum Creek, and it incorporates groundwater recharge. While the homogeneous local model does not represent the specific heterogeneities observed in individual borings and pumping tests, the calibrated model is expected to reflect generalized yet representative hydraulic conditions which meet the objective for predicting the overall capture zone of an extraction well system at Site scale.

Uniform aquifer material properties including hydraulic conductivity, vertical anisotropy, storage coefficient, and specific yield were input in the model. In addition, groundwater recharge was assumed to be uniform.

The following parameters and their ranges of values were input in the model (**Table 7-1)**:

Parameters	Minimum Value	Maximum Value
Horizontal Hydraulic Conductivity (Kh), ft/day	1	200
Vertical Anisotropy (Kh/Kv)	1	50
Recharge, inches per year	9	12

Table 7-1: Parameter Ranges, Homogeneous Local Model Calibration

Seven stress periods were set up in the model (**Table 7-2**):

Stress Period	From	To	Length (days)	Note	Steady State
1	5/1/2019 12:00	5/6/2019 12:00	5	Before Pumping Test	Steady State
2	5/6/2019 12:00	5/8/2019 12:12	2.008335	TA-RW-1 Test	Transient
3	5/8/2019 12:12	5/13/2019 12:30	5.0125	Recovery	Transient
4	5/13/2019 12:30	5/15/2019 15:50	2.138899	TA-RW-2 Test	Transient
5	5/15/2019 15:50	5/20/2019 13:32	4.904167	Recovery	Transient
6	5/20/2019 13:32	5/22/2019 14:08	2.025	TA-RW-3 Test	Transient
7	5/22/2019 14:08	5/23/2019 14:08	1	Recovery	Transient

Table 7-2: Transient Model Stress Periods

The calibration targets consist of groundwater elevation data collected from the extraction wells and several monitoring wells during the pumping test from May 5 to May 23, 2019. The following monitoring wells were included: TA-GW-07, TA-GW-08, TA-MW-1, TA-MW-2, TA-PMW-01, TA-PMW-02, TA-PMW-03, TA-PMW-06, TA-PMW-07, TA-PMW-09, TA-RW-1, TA-RW-2, TA-RW-3, TA-TMW-101, and TA-TMW-104. **Appendix B** includes the calibration target data tables. Software PEST was used to find the optimal Kh, Kv, and groundwater recharge values when the sum of the squared differences between the measured groundwater elevations and the model computed elevations was minimized (**Table 7-3**).

Parameters	PEST Calibrated Value
Horizontal Hydraulic Conductivity (Kh), ft/day	1.9
Vertical Anisotropy (Kh/Kv)	1
Recharge in Stress Period 1 (before 5/6/19), inches per year	9
Recharge in Stress Periods 2-7 (after 5/6/19), inches per year	9.8

Table 7-3: PEST Calibrated Values for the Homogeneous Local Model

The calibrated hydraulic conductivity values represent the scaled-up, average values for the local model as the calibration runs try to minimum the sum of the squared differences between the model computed values and the field measured values for all three pumping tests. As compared to the pumping test solutions, the hydraulic conductivity values are slightly less than, but in the same order of magnitude as the interpreted results from, TA-RW-1 and TA-RW-3 solutions.

The model computed groundwater elevations versus (vs.) field observed elevations were further reviewed.

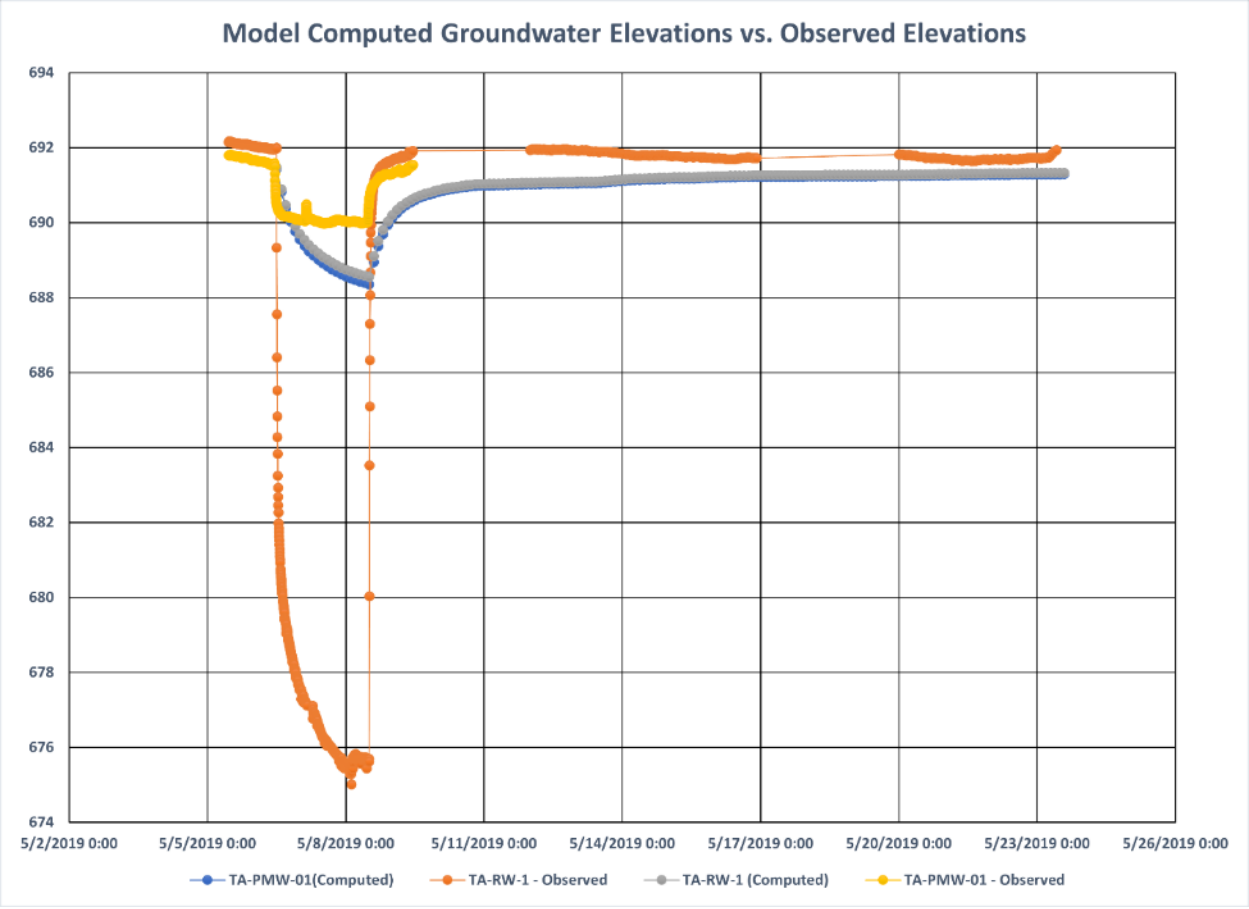


Figure 7-1: Model Computed Groundwater Elevations vs. Observed Elevations, TA-RW-1 and TA-PMW-1

Figure 7-1 illustrates the model computed groundwater elevations vs. observed elevations at TA-RW-1 and TA-PMW-1 during the TA-RW-1 test. The model computed drawdowns at TA-RW-1 are less than the observed data because the model computed hydraulic heads eliminate well loss and represent the heads in the aquifer, and the observed elevations within the extraction well are likely lower than the aquifer due to head losses across well skin and well screen. The model computed drawdowns at TA-PMW-1 match closer but are greater than the measured drawdowns, likely because the model calibrated average Kh and Kv values are less than the TA-RW-1 area and the uniform local model is unable to simulate the aquifer heterogeneity.

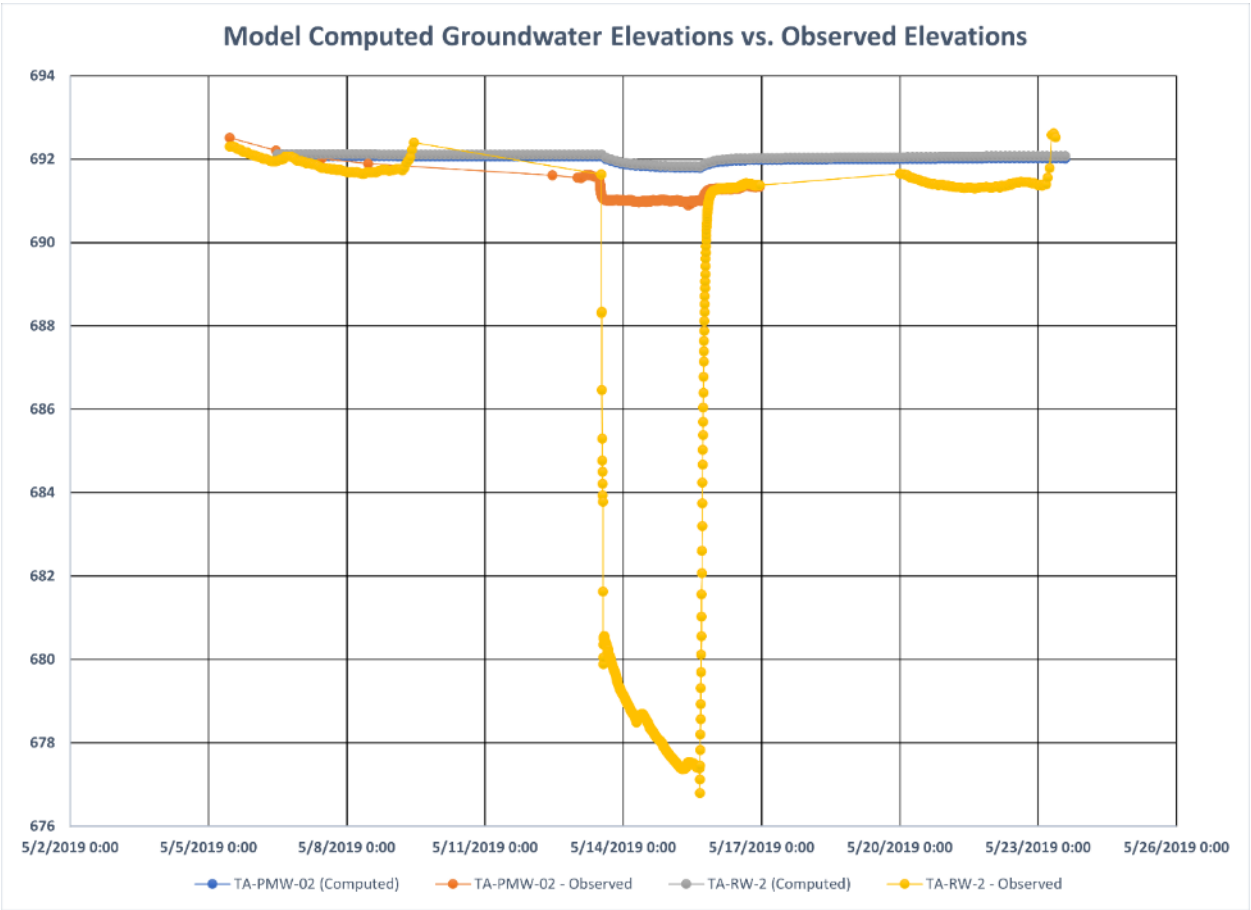


Figure 7-2: Model Computed Groundwater Elevations vs. Observed Elevations, TA-RW-2 and TA-PMW-2

Figure 7-2 illustrates the model computed groundwater elevations vs. observed elevations at TA-RW-2 and TA-PMW-2 during the TA-RW-2 test. The model computed drawdowns at TA-RW-2 are less than the observed data because the model computed hydraulic heads eliminate well loss and represent the hydraulic heads in the aquifer, and the observed elevations within the extraction well are lower than the aquifer likely due to head losses across well skin and well screen. The model computed drawdowns at TA-PMW-2 match closer but are less than the measured drawdowns because the model calibrated average Kh and Kv values are greater than the TA-RW-2 area and the uniform local model is unable to simulate the aquifer heterogeneity.

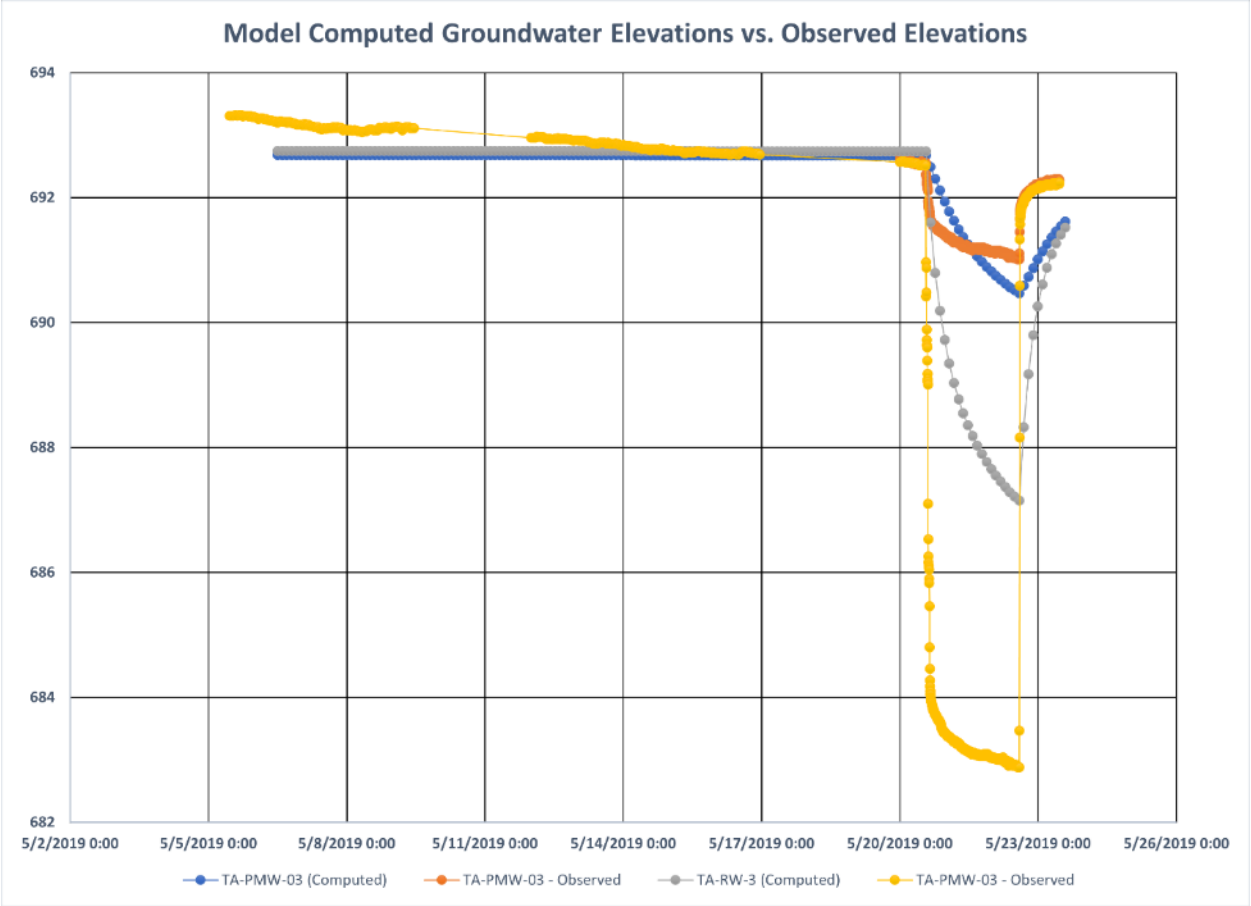


Figure 7-3: Model Computed Groundwater Elevations vs. Observed Elevations, TA-RW-3 and TA-PMW-3

Figure 7-3 illustrates the model computed groundwater elevations vs. observed elevations at TA-RW-3 and TA-PMW-3 during the TA-RW-3 test. The model computed drawdowns at TA-RW-3 are less than the observed data due to the same reasons as TA-RW-1 and TA-RW-3. The model computed drawdowns at TA-PMW-3 generally match well, but the shape of the curve are slightly different, likely because the model grid size of 10 feet is approximately the same as the distance from TA-PMW-3 to TA-RW-3, and the error of the coarse finite difference discretization relative to the distance becomes noticeable.

Comparison of the model-computed groundwater elevations vs. observed elevations in **Figures 7-1** through **7-3** indicate that the computed groundwater elevations at the observation wells TA-PMW-1 and TA-PMW-3 provide reasonable match to the observed elevations, with the understanding that the differences are caused by the inability of the homogeneous model to simulate the aquifer inhomogeneities, and the errors associated with finite difference discretization when the distances between the extraction wells and the observation wells are close to the grid size. The differences at the extraction wells (TA-RW-1, TA-RW-2 and TA-RW-3) are explained by the fact that the computed elevations represent the hydraulic heads in the aquifer, and the measured elevations in the extraction wells are expected to be lower due to head losses across wellbore skin and well screens.

The model computed groundwater elevations vs. observed elevations were also plotted and reviewed for the observation wells with drawdown responses less than TA-PMW-1, TA-PMW-2, and TA-PMW-3 (**Figure 7-4**).

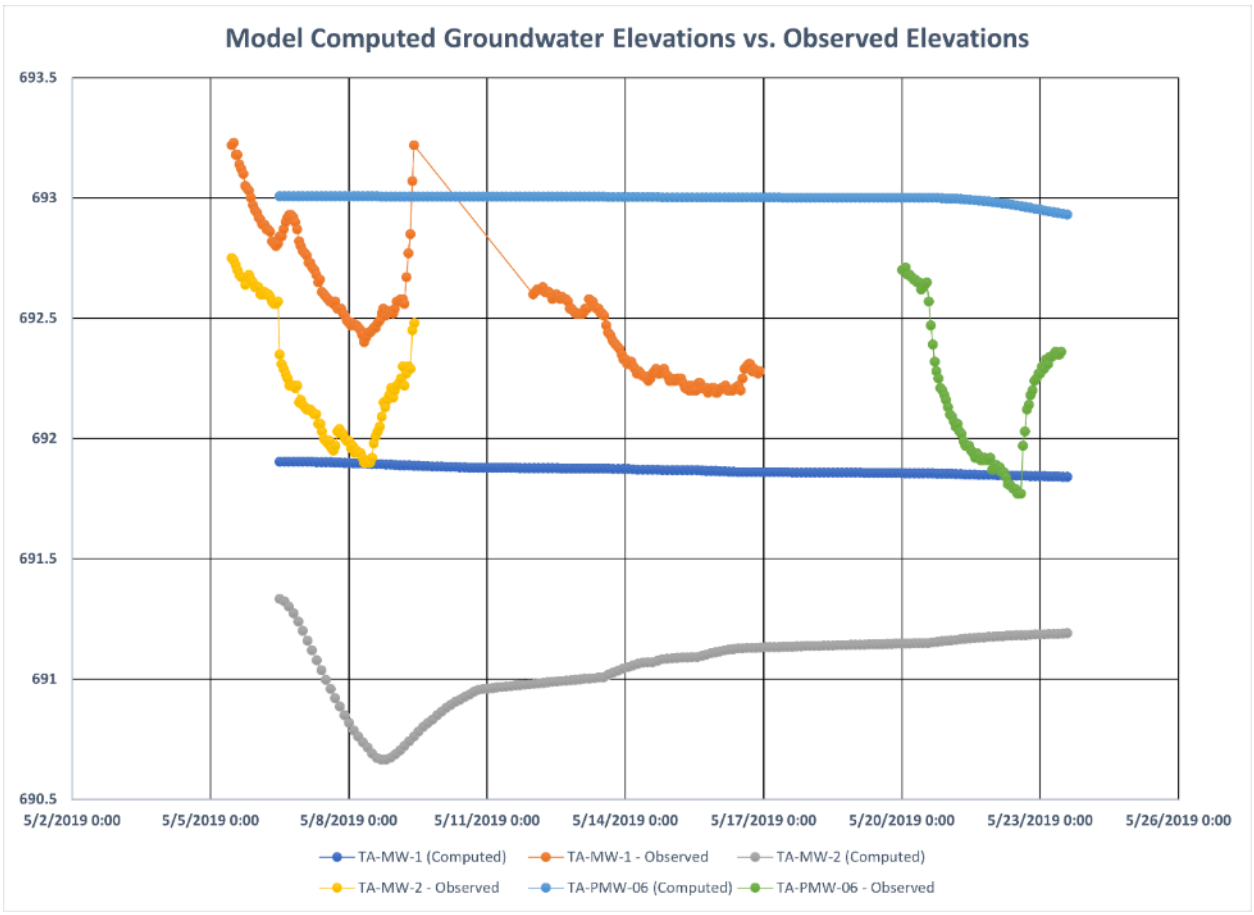


Figure 7-4: Model Computed Groundwater Elevations vs. Observed Elevations, TA-MW-1, TA-MW-2 and TA-PMW-6

The model computed groundwater elevations at TA-MW-2 during the TA-RW-1 test follow a similar drawdown response to the observed elevation although the computed elevations are approximately 1.5 feet lower. The model computed elevations at TA-MW-1 during the TA-RW-2 test do not show drawdown response. The ability of a pumping well to propagate pumping stress or drawdown at a distance away from the pumping well, termed as the radius of influence, depends on the hydraulic conductivity and storage. The greater the hydraulic conductivity, the greater the radius of influence. The greater the aquifer storage, the less the radius of influence. Considering the hydraulic conductivity in the model is greater than that of TA-RW-2 pumping test results, the unresponsiveness at TA-MW-1 of the TA-RW-2 test in the model is attributed to the greater storage in the model than the actual condition. The model computed elevations at TA-PMW-6 during the TA-RW-1 test do not show drawdown response because the homogeneous model hydraulic conductivity value is less than that of the pumping test results. The differences between model computed responses and the observed responses in these wells are attributed to the differences in the hydraulic parameters, hydraulic conductivity or storage, between the model and the actual condition, a result of the homogeneous model for the inhomogeneous actual condition.

The model computed groundwater elevations vs. observed elevations were also plotted and evaluated for the observation wells without drawdown responses (**Figure 7-5**).

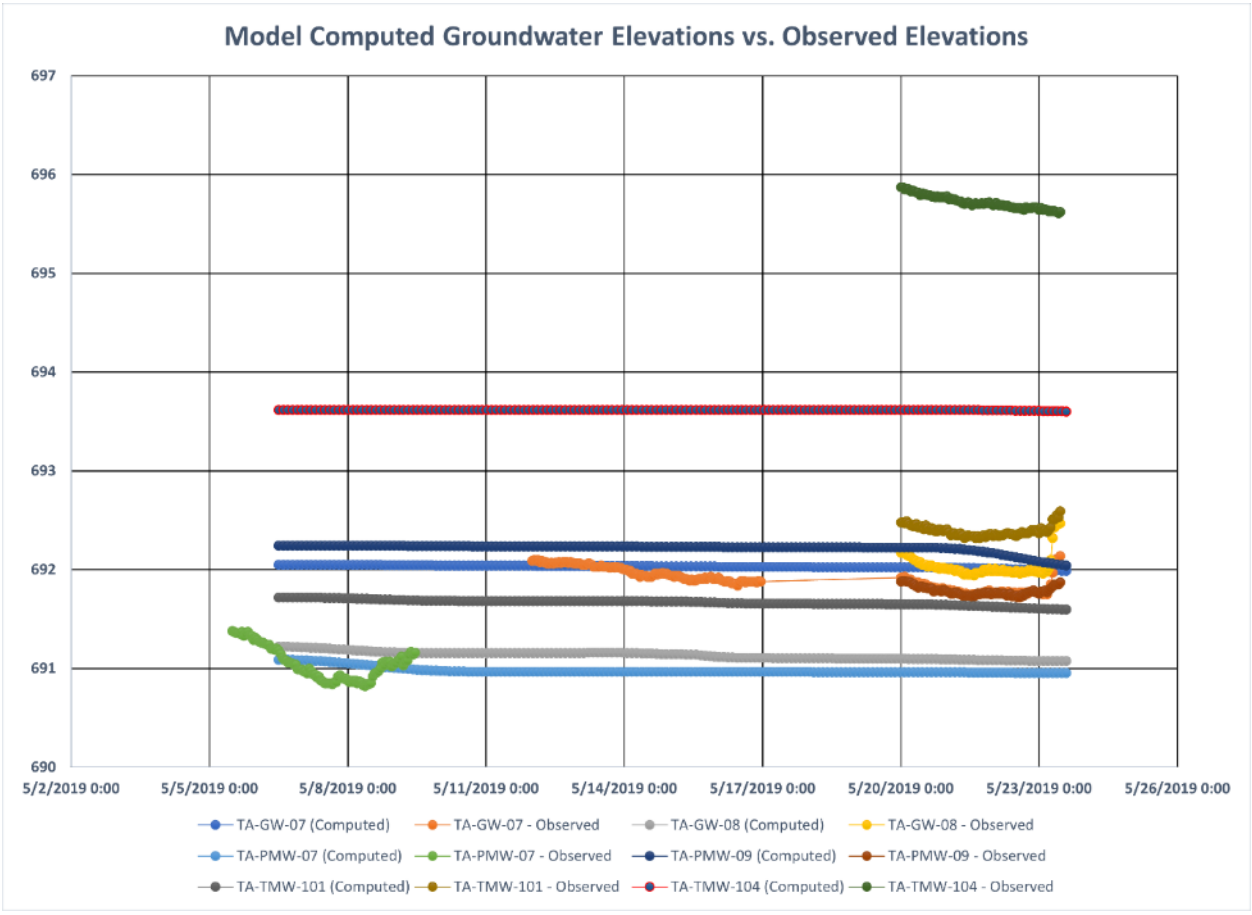


Figure 7-5: Model Computed Groundwater Elevations vs. Observed Elevations at Observations Wells without Drawdown Responses

Except TA-TMW-104, the model computed groundwater elevations at other observation wells are within approximately one-foot differences as compared to the observed groundwater elevations. Groundwater elevations at TA-TMW-104 have been historically higher than other wells at the Site, likely due to heterogeneity. The reasonable matches in the other wells indicate the homogeneous local model represent the areas outside of the pumping influence reasonably well.

Overall, the homogeneous local model, as a Site-scale model, provides a useful, representative average of the Site-wide hydraulic conditions. The differences between the computed groundwater elevations and the observed groundwater elevations at individual locations are primarily attributed to the inhomogeneous geologic conditions, which are typical for most modeling efforts. The calibrated, homogeneous local model is therefore capable of providing useful simulations of the hydraulic effects of Site-specific aquifer boundaries and complex well-point layouts that are needed for designing the groundwater capture system as further described below.

8.0 GROUNDWATER INTERCEPTOR SYSTEM EVALUATION

The local model was used to evaluate several design scenarios using groundwater extraction wells with the following evaluation criteria:

- Technical Feasibility: The objective of the groundwater interceptor system is to capture groundwater at the Site before it enters the Rogue River. The hydraulic capture zone of the system should provide horizontal coverage over the extent of the groundwater plume near the groundwater-surface interface to the Rogue River and capture the extent of the vertical plume that currently enters the Rogue River. In addition, the system should be designed such that it draws minimal amount of water from the Rogue River.

- Implementability: The system design should be implementable in terms of the system construction and treatment system flow capacity limitation. In addition, the flexibility of system modification in the future should be considered due to the heterogeneous nature of the Site.

As discussed in Section 2.7, PFOS was primarily present in the top 10 feet of groundwater, approximately from elevations 680 to 690 feet (approximately 5 to 15 feet bgs). PFOS concentrations differ by elevation, depending on lithology. Particularly relevant to the evaluation in this section, PFOS concentrations at an elevation of approximately 672 feet in the area south of the Rum Creek, and an elevation of approximately 685 feet in the area north of the Rum Creek, are meaningfully different than the PFOS concentrations at other elevations in those areas. Similarly, the lack of fine-grained soils or relatively thin stratum of fine-grained soil allows vertical PFOS migration in the groundwater, in vertical intervals from elevations 680 to 650 feet in the southern part of the Site.

Vertically, the interceptor system would capture the shallow groundwater zones above elevations 685 feet north of the Rum Creek, above elevations 670 feet south of the Rum Creek, along the Rogue River, and the deep saturated zone from 670 feet to 650 feet in the southern 150 feet of the Site, along the Rogue River. A shallow groundwater extraction well system would be used to capture the shallow saturated zone. Deep groundwater extraction wells screened from elevations 670 to 650 feet will be used to capture the deep saturated zone. For a groundwater extraction well system, the capture zones of individual wells will overlap each other to prevent groundwater flow from escaping between the wells.

8.1 GROUNDWATER EXTRACTION WELL SYSTEM

This option would consist of a shallow well network and a deep well network. For the Site area north of Rum Creek, six shallow groundwater extraction wells screened from elevations 690 to 685 feet will be installed. For the Site area south of the Rum Creek, the groundwater extraction well system would consist of 10 shallow extraction wells screened from elevations 690 to 670 feet, and 3 deep extraction wells screened from elevations 670 to 650 feet. **Sheet No. 6** presents the proposed well layout. Each of the wells would be pumped at approximately 1 GPM. The design flow rates were obtained through numerous modeling trials with the goal of preventing groundwater from venting to the Rogue River while minimizing the induced recharge effects of the Rogue River. During the modeling trials, the model calculated groundwater contours were reviewed, and MODPATH was used to perform reverse particle tracking from the extraction wells to evaluate the hydraulic capture zone. The model calculated total pumping rates from the 19 extraction wells was approximately 19 GPM.

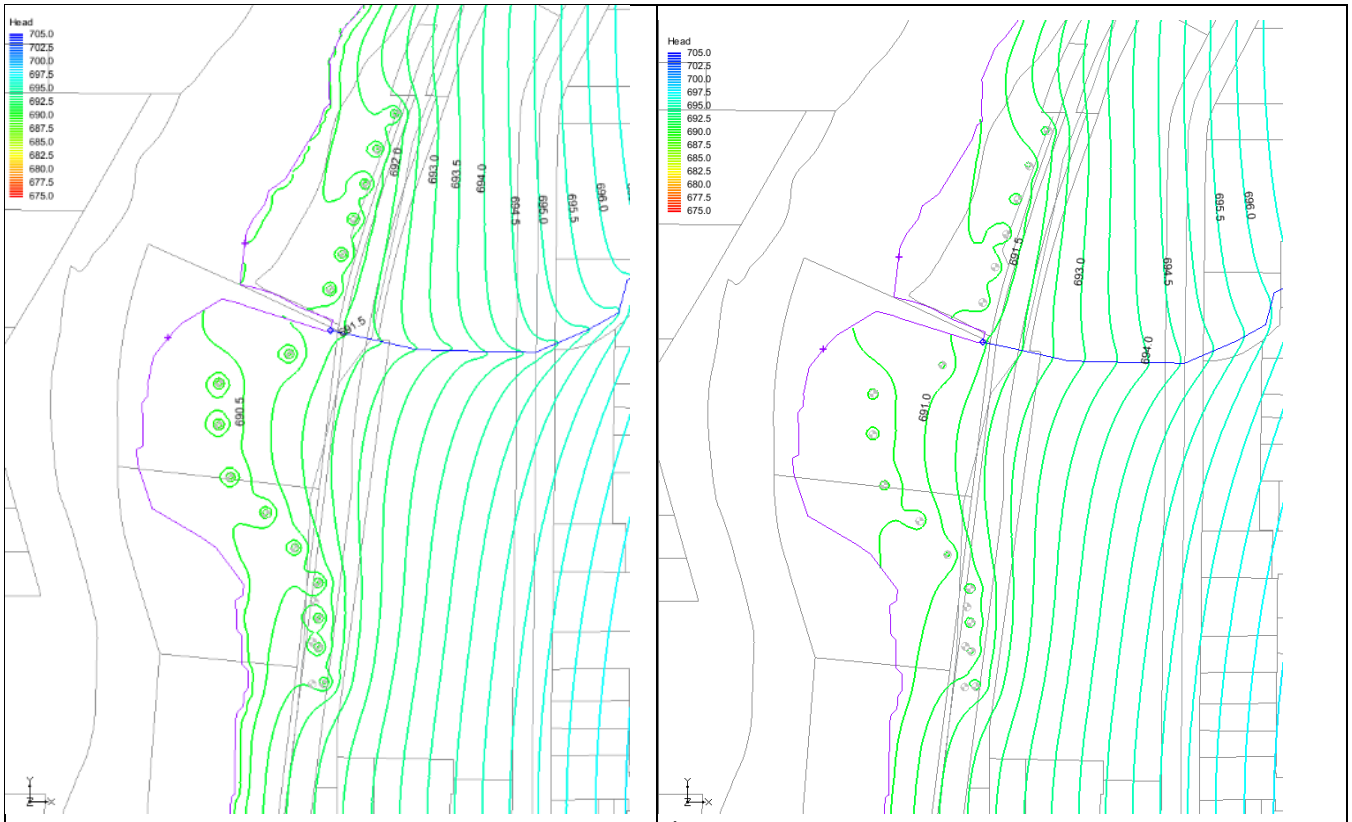


Figure 8-1: Modeled Groundwater Contours – Well Network, Layer 1 (Bottom Elevation: 672 Ft), Layer 2 (Bottom Elevation 653 Ft)

As shown in **Figure 8-1**, the groundwater extraction well system is able to create an inward hydraulic gradient and intercept groundwater from flowing to the Rogue River.

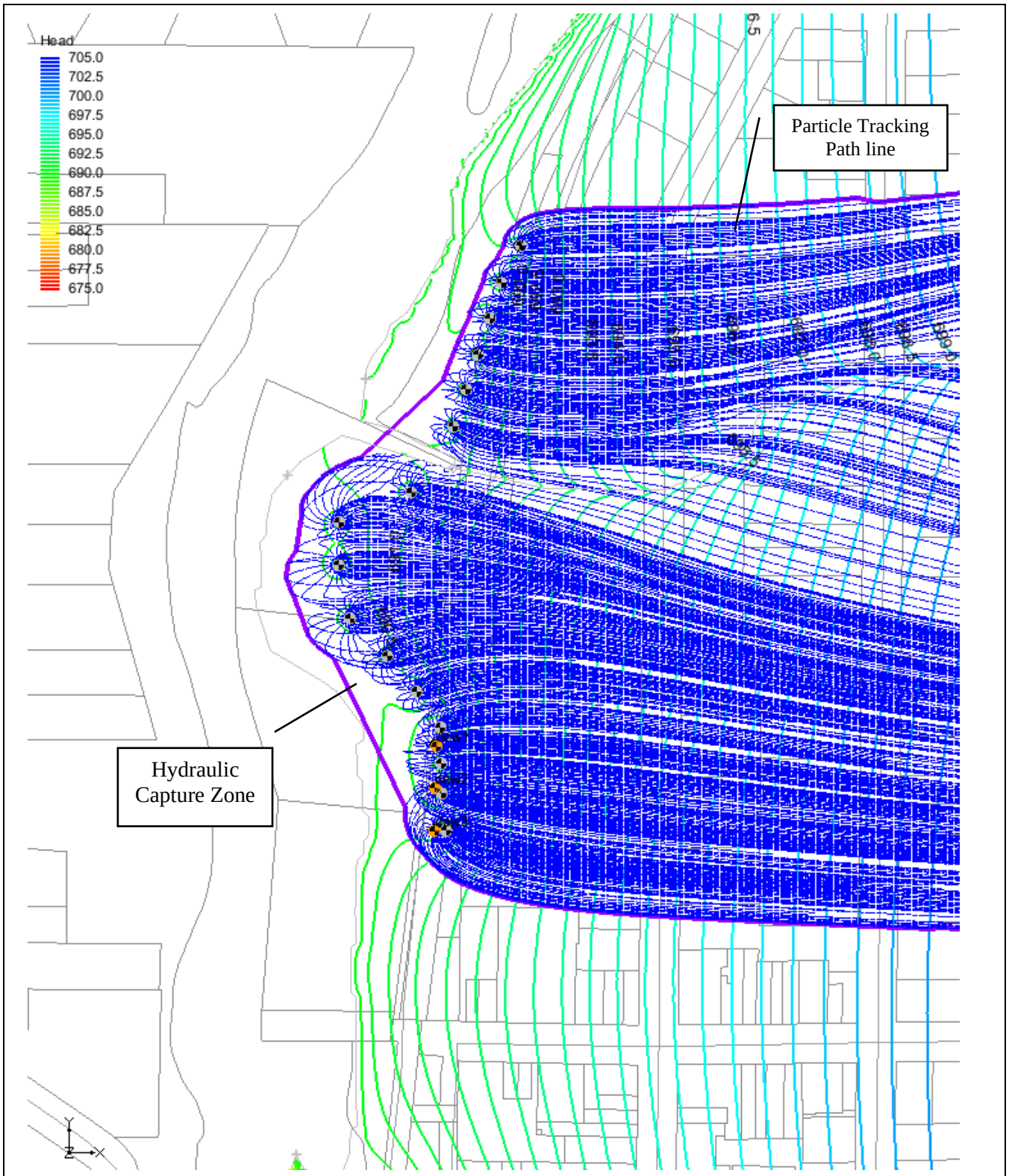


Figure 8-2: Model Computed Particle Path lines and Hydraulic Capture Zone – Well System

For each of the extraction wells, 20 particles were created within the cells, and reverse particle tracking from MODPATH modeling calculates their origin. Based on the particle path lines, the hydraulic capture zone can be estimated. As shown in **Figure 8-2**, the particle tracking path lines and the estimated capture zone indicates the designed well layout and pumping rates are expected to provide hydraulic capture without inducing significant recharge from the Rogue River.

9.0 POTENTIAL EFFECT OF AQUIFER HETEROGENEITY ON HYDRAULIC CAPTURE ZONE

As discussed in Section 2.0 and shown in **Sheet Nos. 1** through **5**, the unconsolidated deposits are heterogeneous at the Site and the transition from one soil type to another is generally unstratified due to the general geology of end moraines in the area and variable fluvial deposition associated with the Rogue River. To evaluate the potential effect of the aquifer heterogeneity on the capture zone evaluation, soil borings from the site investigation and adjacent water wells were used to evaluate the spatial variability of soil, and its potential effect on the hydraulic capture zones.

9.1 INDICATOR GEOSTATISTICAL EVALUATION OF THE HYDROSTRATIGRAPHIC UNITS

To analyze spatial variability and generate realizations of hydrogeologic units, the categorical or indicator geostatistical approach was utilized to assess the subsurface heterogeneity. The soil descriptions from the on-Site soil boring logs and nearby water well logs were simplified into four categories: clean sand and/or gravel (Sand-Gravel), sand/gravel with some clay/silt (SG-CLSM), clay/silt with some sand/gravel (CLSM-SG), and clay and/or silt (CLSM). Each category was assigned a material identification number (Material ID). A transition probability-based indicator geostatistical approach (T-PROGS) was used via the GMS software interface. T-PROGS is based on the probabilities of transitions from one hydrostratigraphic unit (facies) to another and on the modeling of such probabilities with Markov chains (Carle, 1999). The approach describes the aquifer hydrogeology in terms of its major facies rather than by the aquifer hydraulic conductivity distribution. The hydrostratigraphy is characterized in a probabilistic manner by four geostatistical model parameters: (1) number of major textural categories (i.e., facies); (2) volume proportions of categories; (3) mean lengths (and thereby anisotropy ratio of mean length) of facies; and (4) juxtapositional tendencies (i.e., degree of entropy) among the facies. These parameters were estimated from the soil and well boring logs by T-PROGS and adjusted to fit the Markov Chain model curves to the measured data.

Eight statistical realizations of facies were generated for the local model grid. **Figure 9-1** is one of the simulated realizations.

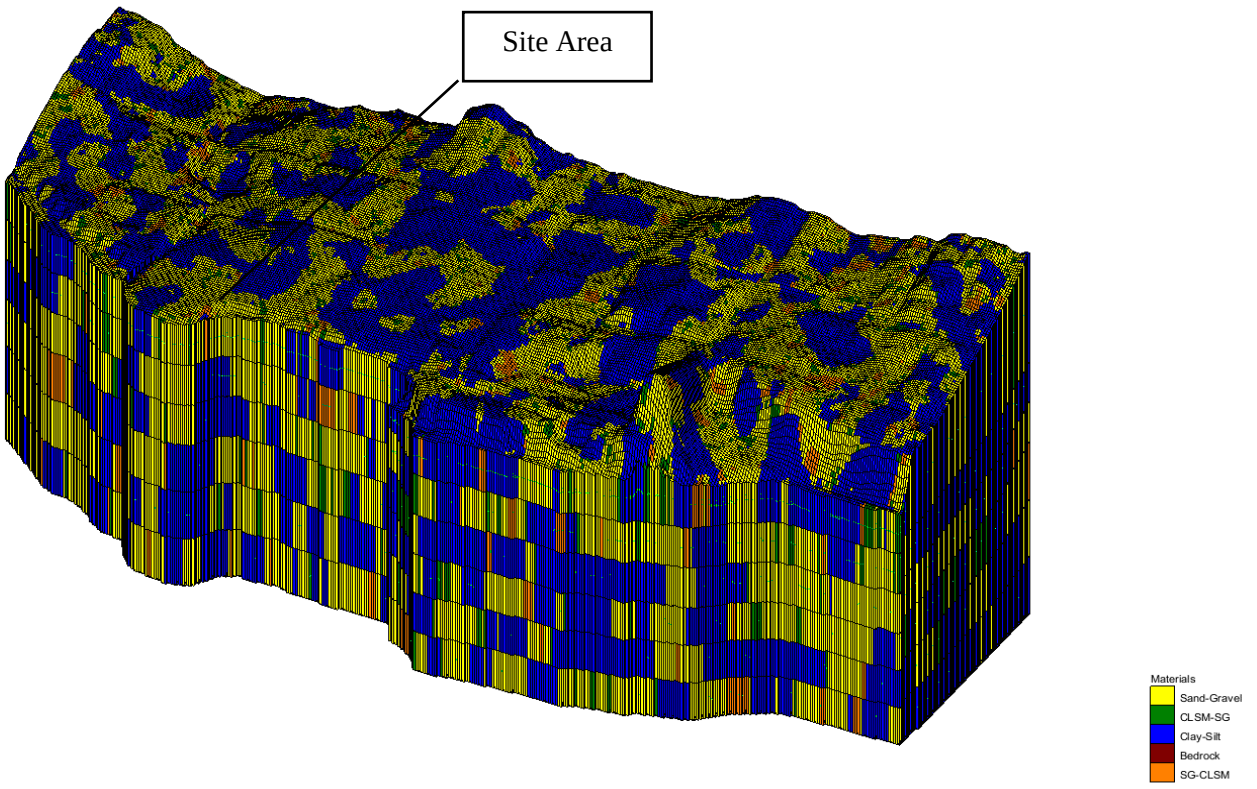


Figure 9-1: T-PROGS Simulated Hydrostratigraphic Units (Simulation 3)

Each material is assigned with a single value of Kh and vertical anisotropy (Kh/Kv). A range of property values were input. Stochastic inverse modeling was performed for the eight realizations to find the optimal values when the sum of the squared differences between the model computed groundwater elevations and the field measured elevations was minimized for each realization. The pumping test data used as the calibration targets for the homogeneous local model (**Appendix B**) were also used as the calibration targets for the stochastic inverse modeling runs.

Table 9-1 provides the input ranges of the material properties and groundwater recharge.

Parameters	Minimum Value	Maximum Value
Sand/Gravel, Kh, ft/day	1	200
Sand/Gravel, Kh/Kv	1	50
SG-CLSM, Kh, ft/day	1	50
SG-CLSM, Kh/Kv	1	50
CLSM-SG, Kh, ft/day	0.1	20
CLSM-SG, Kh/Kv	1	50
CLSM, Kh, ft/day	0.01	10
CLSM, Kh/Kv	1	50
Recharge, inches per year	9	12

Table 9-1: Summary of Input Values for the Material Properties

The stochastic inverse modeling results for the calibrated values are summarized in **Table 9-2.**

Parameters/Realizations	1	2	3	4	5	6	7	8
Sand/Gravel, Kh, ft/day	2.0	200.0	10.5	20.0	1.5	1.0	35	1.6
SG-CLSM, Kh, ft/day	32	1.0	1.2	1.0	11	4.8	50.0	50.0
CLSM-SG, Kh, ft/day	14	0.10	20.0	0.87	20.0	3.9	0.48	0.10
CLSM, Kh, ft/day	0.26	0.66	0.16	0.10	0.78	6.1	0.26	1.1
Sand/Gravel, Kh/Kv	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0
SG-CLSM, Kh/Kv	47	7.2	1.2	2.6	1.3	1.0	17	1.0
CLSM-SG, Kh/Kv	1.2	1.0	1.7	1.0	1.0	1.6	50.0	50.0
CLSM, Kh/Kv	1.0	1.0	1.1	1.0	1.0	1.0	1.3	1.0
Recharge, inches per year	9.0	9.7	9.0	12	10.2	9.5	12.0	9.0

Table 9-2: Stochastic Inverse Modeling Results

The calibrated hydraulic conductivities of fine-grained soil, CLSM-SG or CLSM, are greater than those of coarse-grained soil, sand/gravel or SG-CLSM for several realizations (1, 3, 5, and 6), contradicting the general literature ranges of hydraulic conductivity values for fine-grained soil and coarse-grained soil. Using this relative hydraulic conductivity value as a first screening, it appears that realizations 2, 4 and 7 provide reasonable values. Although the Kh value for SG-CLSM under realization 7 is slightly greater than that of sand/gravel, it is considered acceptable because the distinction in the field descriptions or categories may not be clear or consistent. In addition, the borehole statistic data indicate that the volumetric proportion of sand-gravel (50.5%) and clay and silt (40%) takes up 90% of the total volume, and the SG-CLSM and CLSM-SG's combined proportion is less than 10%. A small variation in SG-CLSM hydraulic conductivity does not appear to be significant.

The model computed groundwater elevations vs. observed elevations are included in **Appendix C**. The plots indicate that the stochastic modeling runs provide a greater range of computed groundwater elevations than a single deterministic modeling run. Realizations 4 and 7 appear to produce closer match to the observation data than the others. Compared to the homogeneous local model calibration, the model computed elevations at TA-PMW-2 and TA-MW-1 improve. However, the overall improvement is not significant, likely because some variability of facies is present at a smaller scale than the model grid size of 10 feet wide, 10 feet long, approximately 20 feet thick, and the model is incapable of representing the heterogeneity at a finer scale than its grid size.

9.2 STOCHASTIC EVALUATION OF HYDRAULIC CAPTURE ZONE

The groundwater extraction well system was simulated in the stochastic models to evaluate potential variation of the hydraulic capture zones. The MODPATH estimated hydraulic capture zones for the groundwater extraction well system in each of the eight stochastic models are included in **Appendix D**.

The estimated capture zones for the groundwater extraction well system appear to be affected by the heterogeneity at individual locations where the extraction wells are located within fine-grained soils with low hydraulic conductivity. The capture zones of these wells appear to be narrower than those located in more permeable soil. However, the overall capture zone widths further upgradient are generally unchanged. If the groundwater extraction well system is implemented, the designed well locations will be adjusted or additional wells will be installed if fine-grained soils are encountered in greater portions than coarse-grained soil at individual locations. One such example is TA-RW-2, where greater portions of fine-grained soils were encountered in the borehole, and the pumping rate at TA-RW-2 was approximately 0.25 GPM, significantly less than those of TA-RW-1 and TA-RW-3.

The groundwater extraction well system has the flexibility to adjust at individual locations as needed throughout the life of the system. For details on the groundwater treatment portion of the system, please reference the document "Tannery Interceptor System Conceptual Design" prepared by R&W/GZA and submitted to EGLE on March 20, 2020 (included in **Appendix F**). Note that the treatment building location shown in **Appendix F** will likely move to the northwest of the retail store.

10.0 SCHEDULE

R&W/GZA developed a schedule for implementation of this RAP, which is included in **Appendix E**. Note that the schedule is based on an assumed EGLE approval date and will change if approval is delayed. Full scale operation of the system is dependent on obtaining a National Pollutant Discharge Elimination System (NPDES) permit for surface water discharge of the treated water due to current limitations on potential discharge to the North Kent Sewer Authority (NSKA). The system may be operated at a reduced capacity pending NPDES permit approval.

11.0 GROUNDWATER MONITORING PLAN

Following installation of the system, R&W/GZA will implement a program to monitor the effectiveness of the system at capturing the groundwater plume. Twelve piezometers will be installed and two existing groundwater monitoring wells will also be utilized (**Sheet No. 7**). These 14 piezometers/monitoring wells are located mid-way between the extraction wells, where the drawdowns are expected to be the smallest. Two staff gauges, north and south of Rum Creek, will be installed in the Rogue River. Water level measurements from the two staff gauges in the Rogue River and 14 piezometers/monitoring wells will be measured weekly and compared to evaluate the system performance. An inward hydraulic gradient, which would indicate successful groundwater capture, is considered to be achieved when the groundwater elevations in the piezometers/monitoring wells are lower than that of the nearby staff gauge. Additionally, transducers will be installed in each extraction well for operation and maintenance purposes. Groundwater elevation and flow rate data from the individual extraction wells will also be reviewed to evaluate well performance. If performance monitoring indicates that the system or any individual well is either drawing too much water from the river or conversely not capturing groundwater as it reaches the well network, diagnosis will be performed and system maintenance work or modifications will be carried out as appropriate. The monitoring program will not include groundwater sampling.

12.0 BIBLIOGRAPHY

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Table

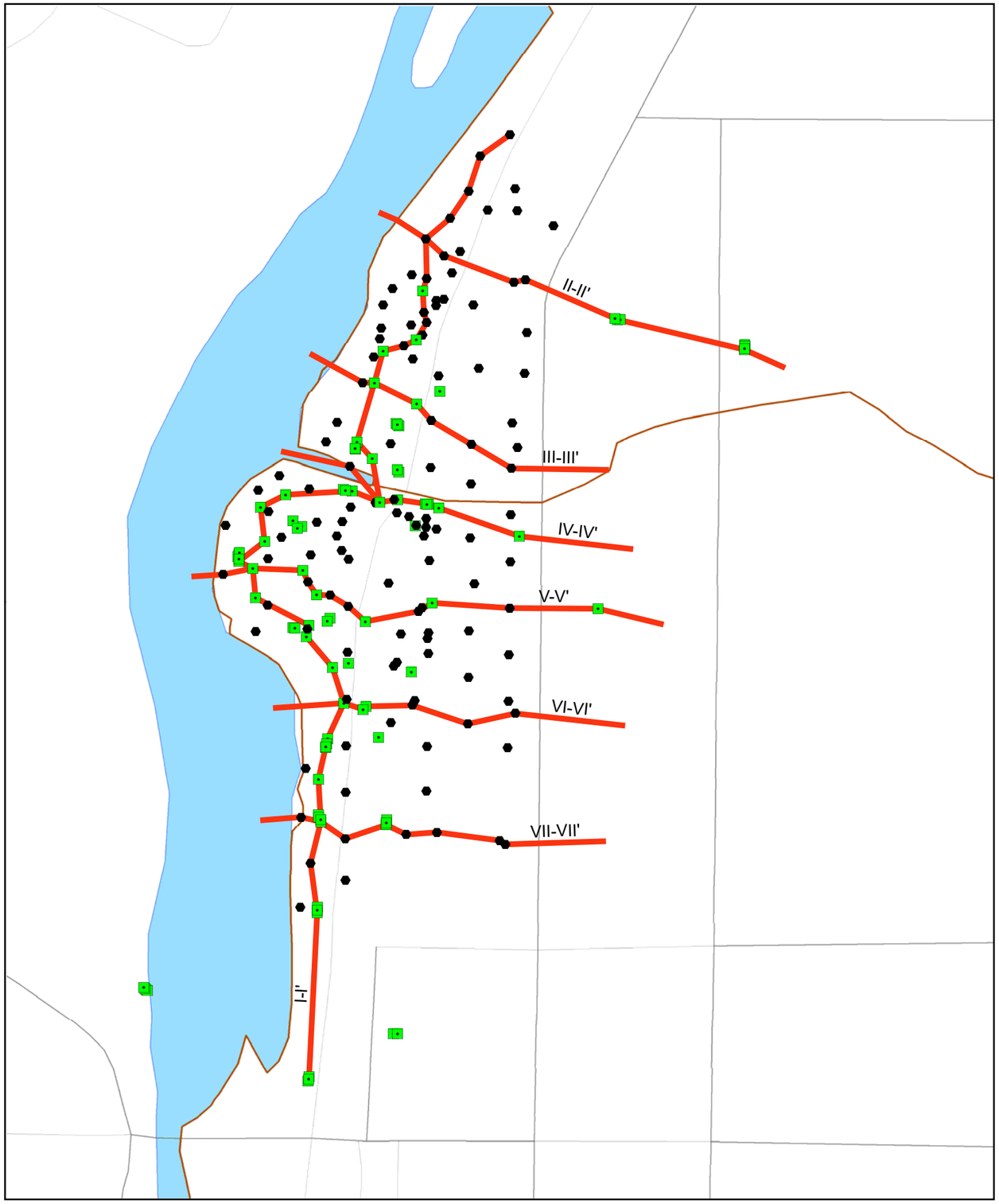
GROUNDWATER ELEVATION DATA
APRIL 2019
FORMER TANNERY SITE
ROCKFORD, MICHIGAN

Well	Ground Surface Elevation, Ft	Top of Casing Elevation, Ft.	Top of Well Screen Elevation, Ft.	Bottom of Screen Elevation, Ft.	April 2019 Groundwater Elevation, Ft.
TA-P-1	693.96	693.78	690.16	685.46	691.91
TA-P-2	693.7	693.43	689	684.3	691.95
TA-P-3	694.15	693.93	689.45	684.85	692.15
TA-P-4	694.52	693.85	692.12	687.42	692.04
TA-P-5	700	699.82	695.9	691.2	695.91
TA-MW-1	694.52	694.34	690.92	686.22	692.51
TA-MW-2	694.81	694.36	691.91	687.01	692.32
TA-MW-3	697.27	697.08	694.97	690.27	691.99
TA-MW-4	697.8	697.3	693.8	688.8	692.03
TA-MW-5	696.96	696.52	691.96	686.96	692.01
TA-MW-301B	695.13	694.66	685.83	683.83	692.23
TA-MW-301C	695.28	698.01	675.68	670.68	692.59
TA-MW-301D	695.41	697.99	628.71	623.91	689.41
TA-MW-302A	694.2	693.85	690.6	688.2	692.2
TA-MW-302B	694.2	693.87	684.6	679.8	691.88
TA-MW-303A	694	693.63	691.2	686.5	692.11
TA-MW-303B	694.02	693.67	683.92	679.12	691.88
TA-MW-303C	693.94	693.54	676.74	671.94	691.84
TA-MW-303D	693.86	696.09	651.36	648.36	689.12
TA-MW-303E	693.88	695.97	646.38	643.38	689.14
TA-MW-304A	694.1	693.66	691.4	688.6	692.04
TA-MW-304B	694.1	693.65	683.8	679.1	691.92
TA-MW-305B	696.96	696.6	684.86	680.16	691.95
TA-MW-305C	696.95	696.59	676.85	672.15	691.95
TA-MW-306A	696.49	696.24	690.89	686.29	691.84
TA-MW-306B	696.42	696.21	686.02	681.32	691.83
TA-MW-307A	696.48	696.08	690.88	686.28	691.86
TA-MW-307B	696.48	695.96	685.48	680.78	691.82
TA-MW-308A	696.25	696.15	693.05	688.35	692.03
TA-MW-308B	696.26	695.93	680.36	675.66	692.08
TA-MW-308C	696.23	695.85	674.93	670.23	692.11
TA-MW-309A	696.61	699.3	692.31	687.31	692.33
TA-MW-309B	696.39	699.13	684.29	679.29	692.48
TA-MW-309C	696.2	698.78	667.6	662.6	691.68
TA-MW-309D	696.4	698.87	654	649.2	691.67
TA-MW-310A	700	699.61	696.01	691.01	688.89
TA-MW-310B	700.1	699.73	688.71	683.71	690.01
TA-MW-310C	700.1	699.73	653.37	650.37	689.78
TA-MW-311A	700.3	699.86	693.5	689	692.98
TA-MW-312	703.72	703.36	694.72	689.72	696
TA-MW-313A	695.79	695.37	690.79	685.79	692.01
TA-MW-313B	695.87	695.45	655.87	650.87	687.03
TA-MW-313C	695.87	695.05	622.87	617.87	686.9
TA-TMW-101	695.09	694.72	689.39	684.59	692.72
TA-TMW-103	699.8	698.75	690.5	685.7	694.09
TA-TMW-104	700.45	699.99	694.95	690.05	695.93
TA-TMW-105	695.8	695.39	691.07	686.27	691.95
TA-TMW-108	696.66	696.44	691.26	686.56	691.89
TA-TMW-109	697.39	696.81	691.99	687.29	692.1

GROUNDWATER ELEVATION
APRIL 2019
FORMER TANNERY SITE
ROCKFORD, MICHIGAN

Well	Ground Surface Elevation, Ft	Top of Casing Elevation, Ft.	Top of Well Screen Elevation, Ft.	Bottom of Screen Elevation, Ft.	April 2019 Groundwater Elevation, Ft.
TA-TMW-110	696.64	696.63	691.24	686.54	691.96
TA-TMW-111	696.57	696.23	693.77	688.97	692.1
TA-RW-1	693.6	696.1	681.1	669.6	691.82
TA-RW-2	693.5	697.07	689.5	674.5	691.65
TA-RW-3	696.6	699.36	686.1	678.6	692.95
TA-PMW-01	693.6	693.15	683.6	673.6	691.38
TA-PMW-02	693.6	693.04	686.6	676.6	691.61
TA-PMW-03	696.5	696.1	684.5	679.5	692.97
TA-PMW-04	693.4	693.03	685.4	680.4	691.31
TA-PMW-05	694.8	694.4	682.8	677.8	692.29
TA-PMW-06	698.3	698.05	685.3	680.3	693.09
TA-PMW-07	693.4	692.99	680.4	675.4	691
TA-PMW-08	693	692.69	686	681	691.38
TA-PMW-09	694.9	694.6	681.9	676.9	692.07

Figures



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LEGEND

Well and Boring

- Boring
- Monitoring Well
- Water Well

SectionLine

- SectionLine

0 125 250 500

SCALE IN FEET

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FORMER TANNERY
ROCKFORD, MICHIGAN

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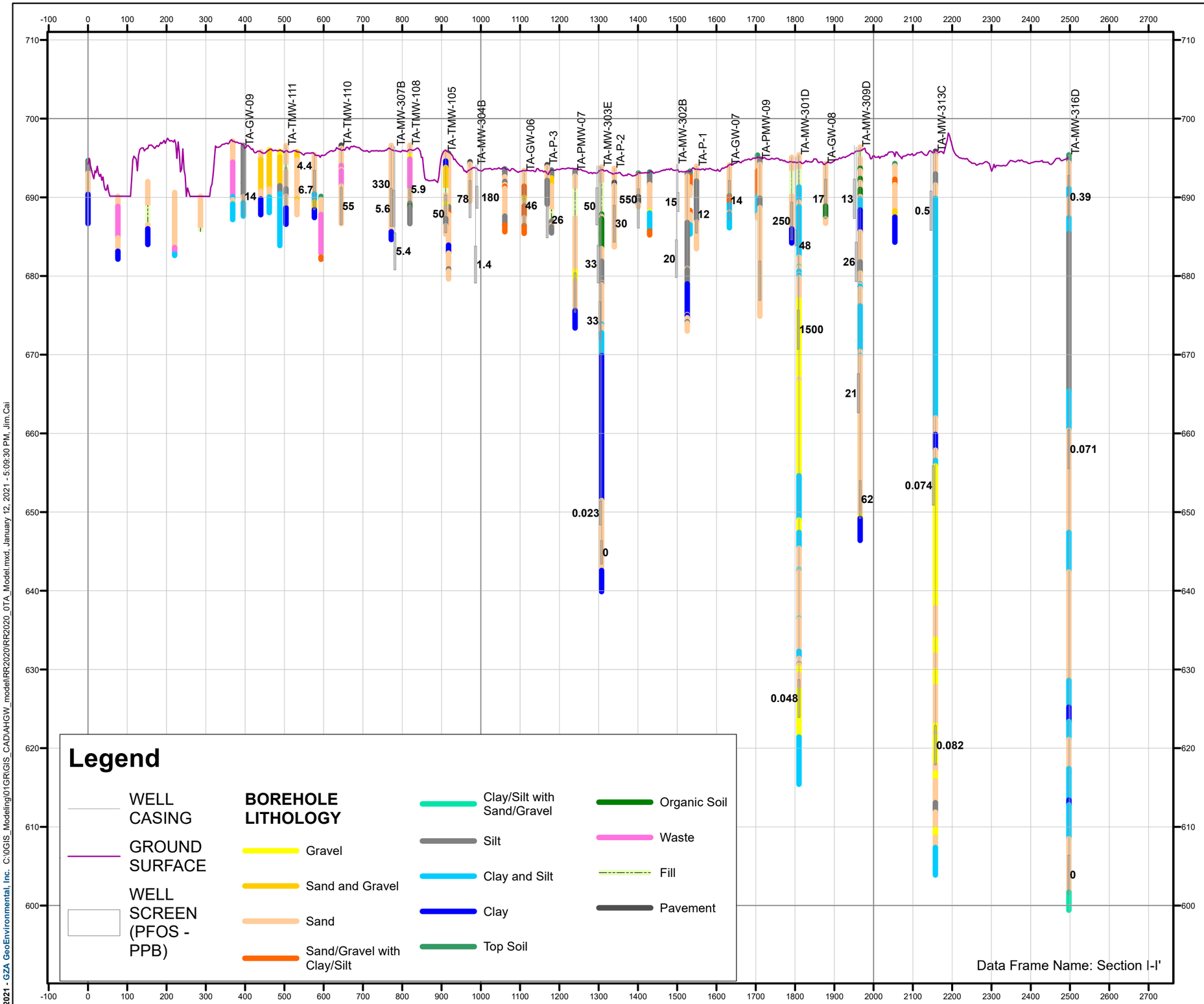

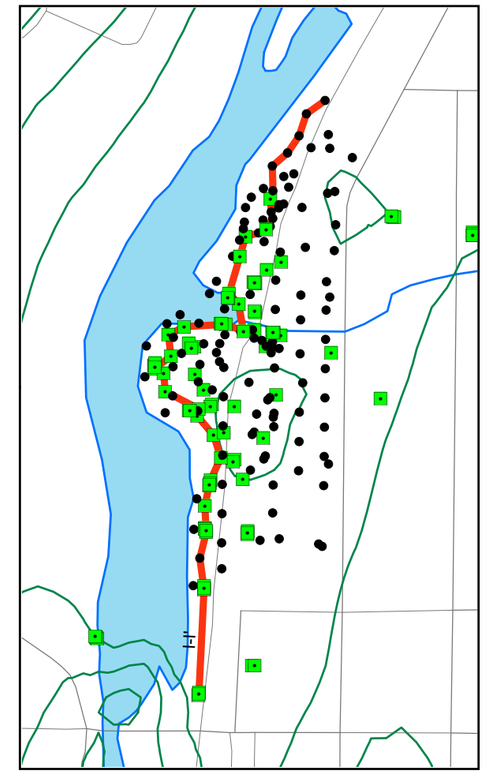

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CROSS SECTION I-I'

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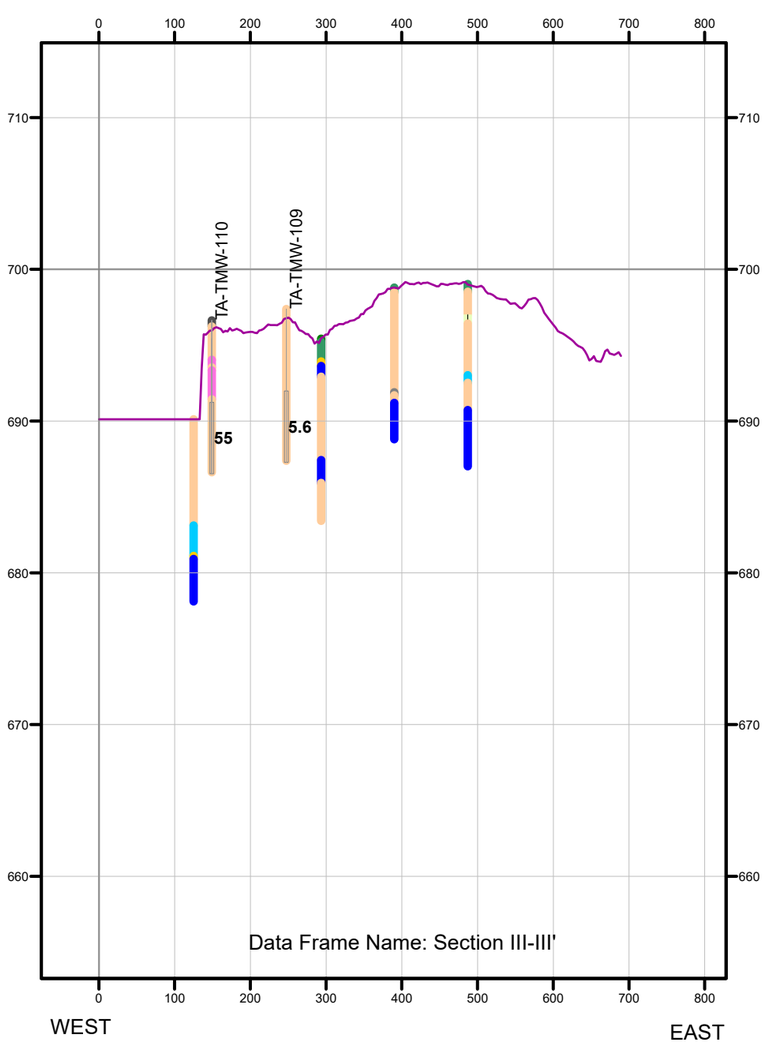

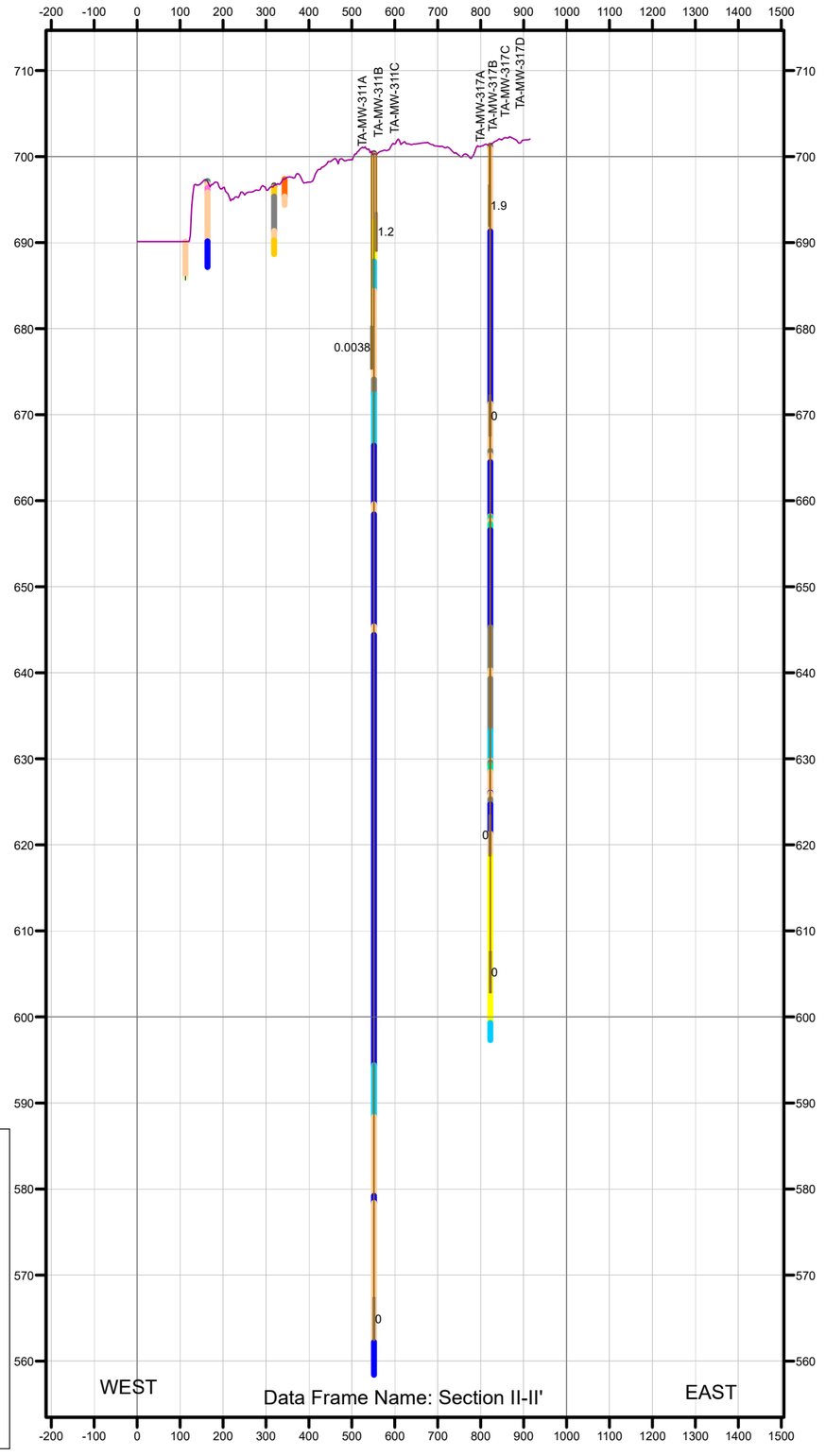

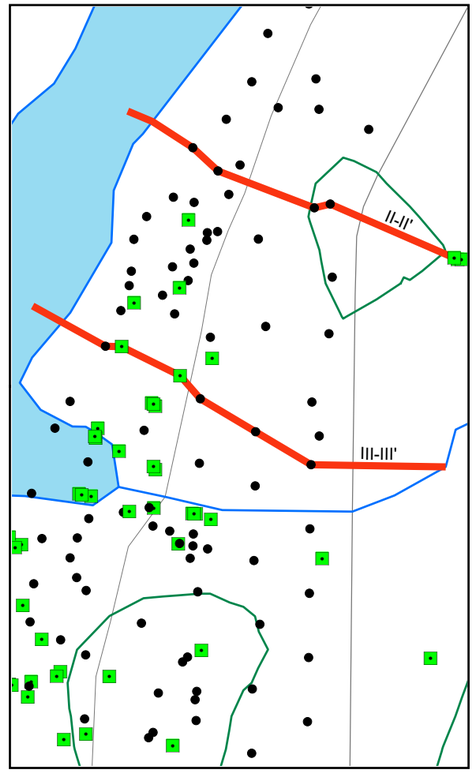

N
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Legend

- WELL CASING
- WELL SCREEN
- GROUND SURFACE

BOREHOLE LITHOLOGY

- Gravel
- Sand and Gravel
- Sand
- Sand/Gravel with Clay/Silt
- Clay/Silt with Sand/Gravel
- Silt
- Clay and Silt
- Clay
- Top Soil
- Waste
- Fill
- Pavement

0 115 230 460

SCALE IN FEET

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ROCKFORD, MICHIGAN

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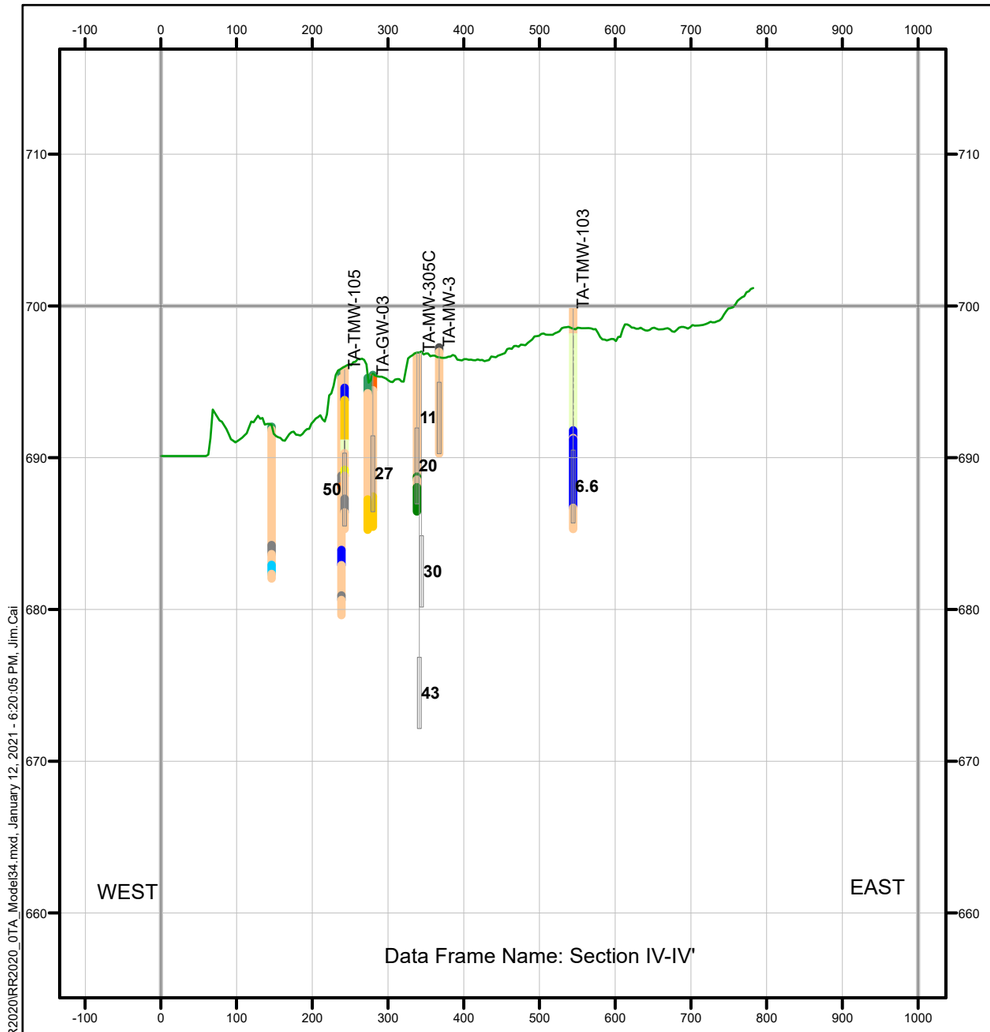

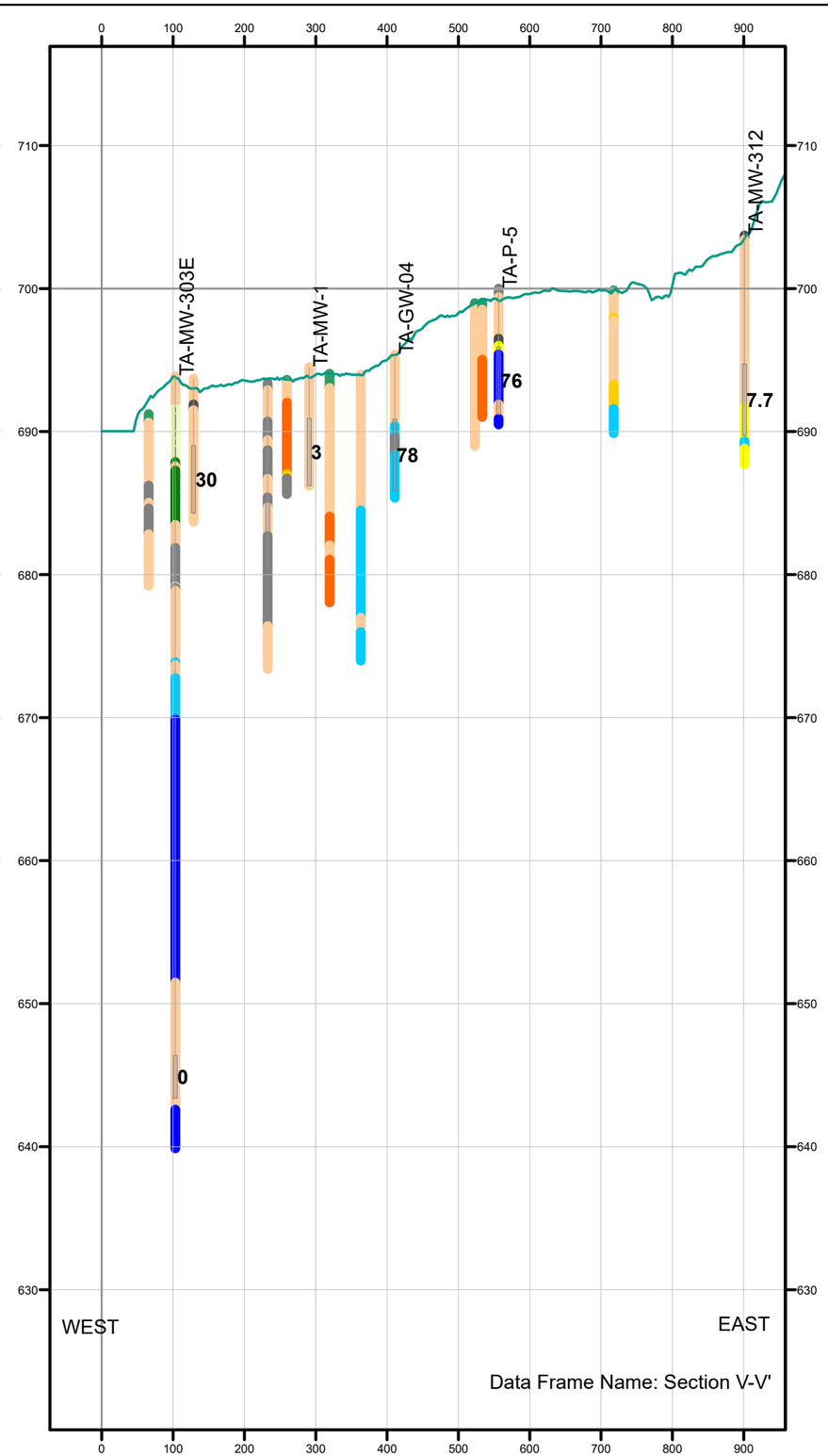

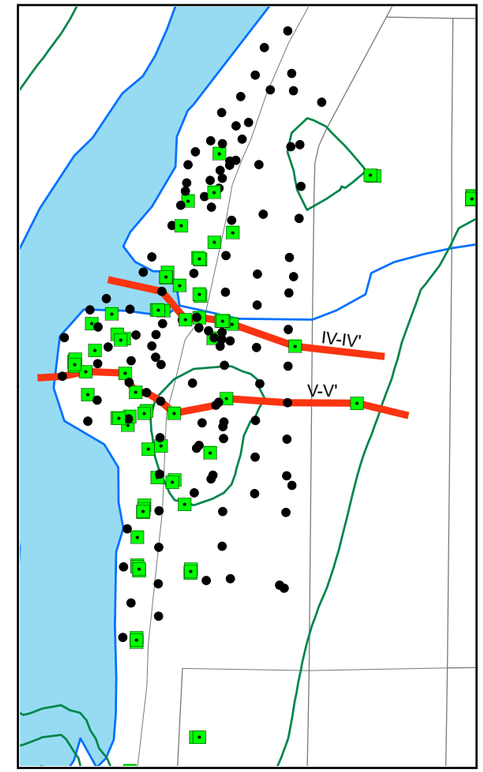

Legend

- WELL CASING
- WELL SCREEN (PFOS - PPB)
- GROUND SURFACE

Borehole Lithology

- Gravel
- Sand and Gravel
- Sand
- Sand/Gravel with Clay/Silt
- Silt
- Clay and Silt
- Clay
- Top Soil
- Organic Soil
- Fill
- Pavement

0 200 400 800

SCALE IN FEET

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FORMER TANNERY
ROCKFORD, MICHIGAN

CROSS SECTIONS IV-IV' AND V-V'

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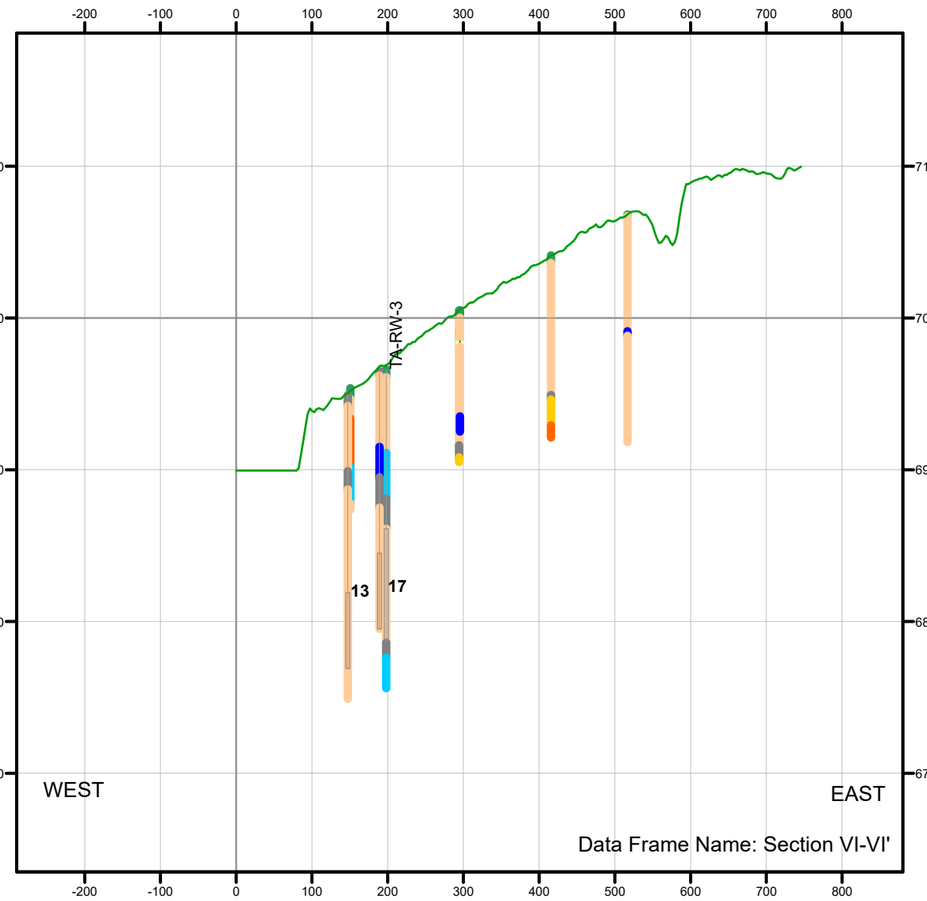

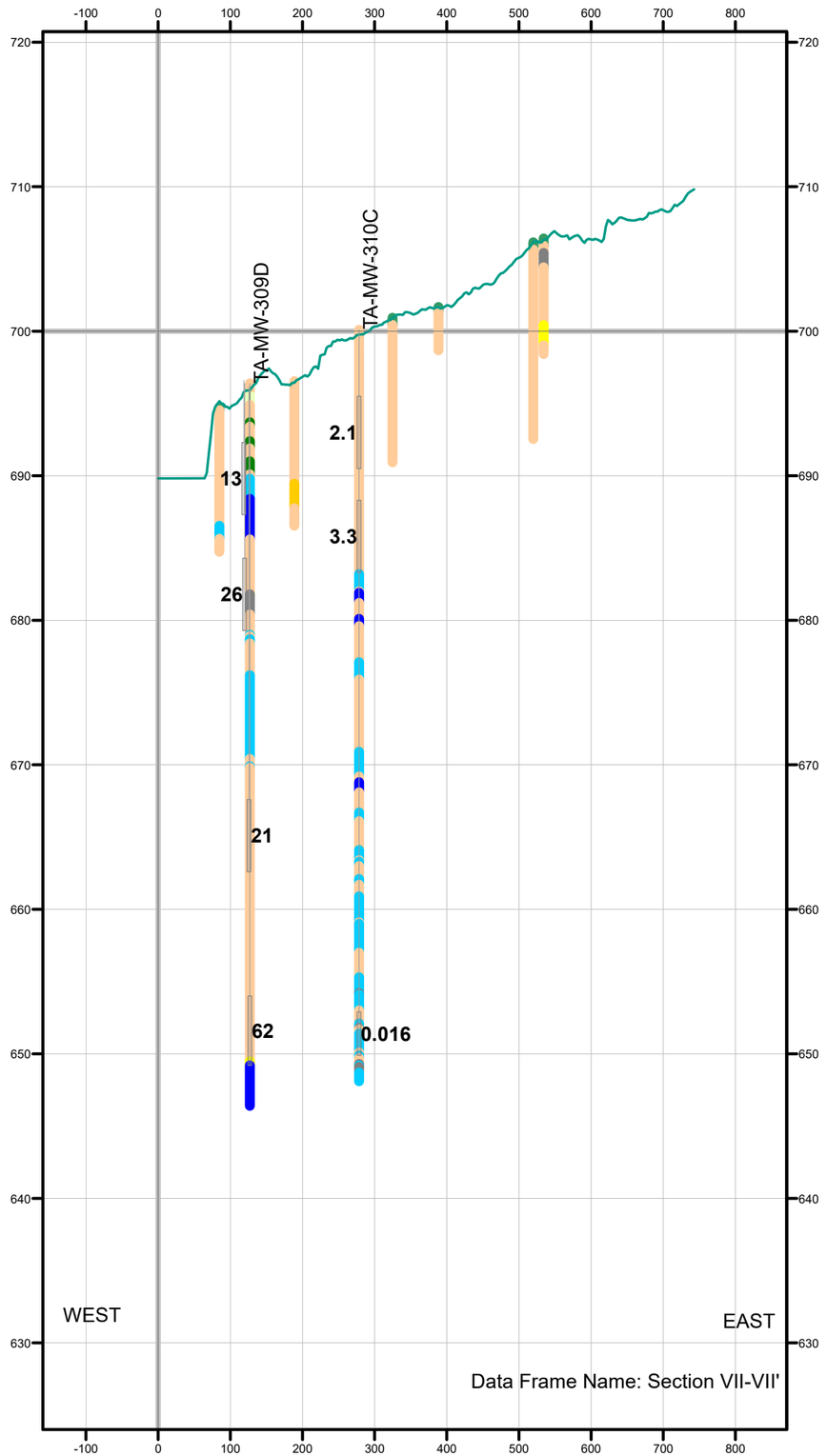

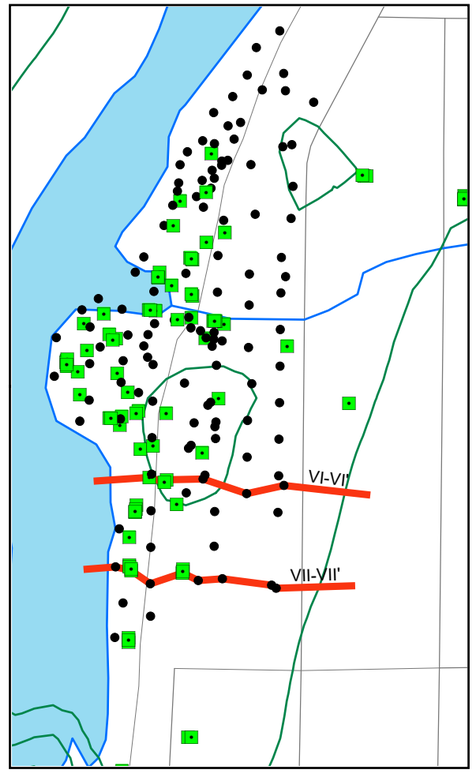

Legend

- WELL CASING
- WELL SCREEN (PFOS - PPB)
- GROUND SURFACE

Borehole Lithology

- Gravel
- Sand and Gravel
- Sand
- Silt
- Clay and Silt
- Clay
- Top Soil
- Organic Soil
- Fill

0 200 400 800

SCALE IN FEET

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FORMER TANNERY
ROCKFORD, MICHIGAN

CROSS SECTIONS VI-VI' AND VII-VII'

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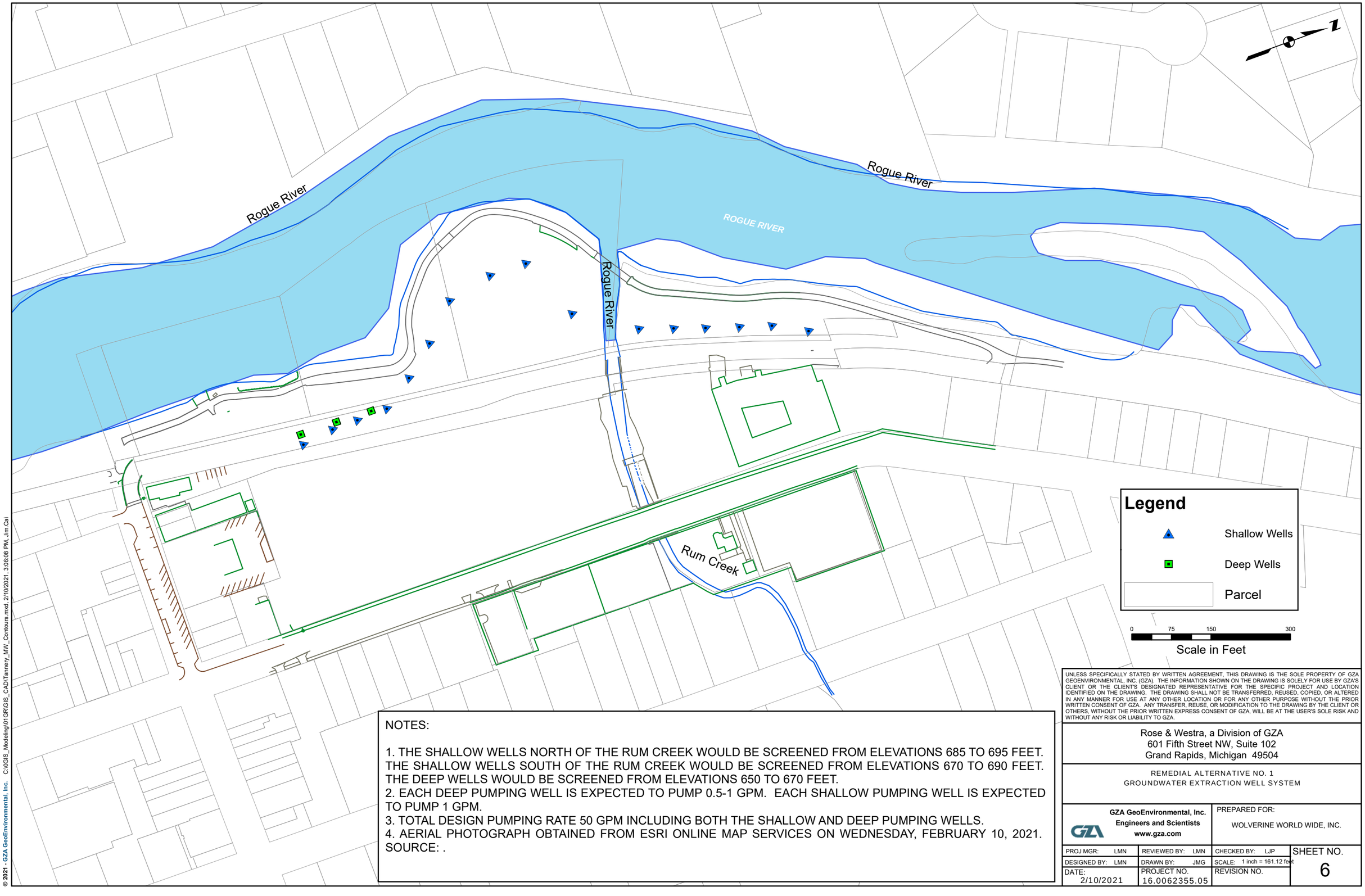

NOTES:

1. THE SHALLOW WELLS NORTH OF THE RUM CREEK WOULD BE SCREENED FROM ELEVATIONS 685 TO 695 FEET. THE SHALLOW WELLS SOUTH OF THE RUM CREEK WOULD BE SCREENED FROM ELEVATIONS 670 TO 690 FEET. THE DEEP WELLS WOULD BE SCREENED FROM ELEVATIONS 650 TO 670 FEET.
2. EACH DEEP PUMPING WELL IS EXPECTED TO PUMP 0.5-1 GPM. EACH SHALLOW PUMPING WELL IS EXPECTED TO PUMP 1 GPM.
3. TOTAL DESIGN PUMPING RATE 50 GPM INCLUDING BOTH THE SHALLOW AND DEEP PUMPING WELLS.
4. AERIAL PHOTOGRAPH OBTAINED FROM ESRI ONLINE MAP SERVICES ON WEDNESDAY, FEBRUARY 10, 2021. SOURCE: .

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601 Fifth Street NW, Suite 102
Grand Rapids, Michigan 49504

REMEDIAL ALTERNATIVE NO. 1
GROUNDWATER EXTRACTION WELL SYSTEM

GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
WOLVERINE WORLD WIDE, INC.

PROJ MGR: LMN	REVIEWED BY: LMN	CHECKED BY: LJP	SHEET NO. 6
DESIGNED BY: LMN	DRAWN BY: JMG	SCALE: 1 inch = 161.12 feet	
DATE: 2/10/2021	PROJECT NO. 16.0062355.05	REVISION NO.	

Rogue River

Rogue River

ROGUE RIVER

Rogue River

TA-RAPMW7

TA-RAPMW8

TA-RAPMW6

TA-PMW-08

TA-RAPMW9

TA-RAPMW10

TA-PMW-03

TA-RAPMW11

TA-RAPMW12

TA-RAPMW5

TA-RAPMW4

TA-RAPMW3

TA-RAPMW2

TA-RAPMW1

Rum Creek

N

Legend

- Shallow Wells
- Deep Wells
- Proposed RAP Monitoring Well

0 75 150 300

Scale in Feet

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601 Fifth Street NW, Suite 102
Grand Rapids, Michigan 49504

PROPOSED RAP MONITORING WELLS

GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
WOLVERINE WORLD WIDE, INC.

PROJ MGR: LMN	REVIEWED BY: LMN	CHECKED BY: LJP	SHEET NO. 7
DESIGNED BY: LMN	DRAWN BY: JMG	SCALE: 1 inch = 125 feet	
DATE: 2/16/2021	PROJECT NO. 16.0062355.05	REVISION NO.	

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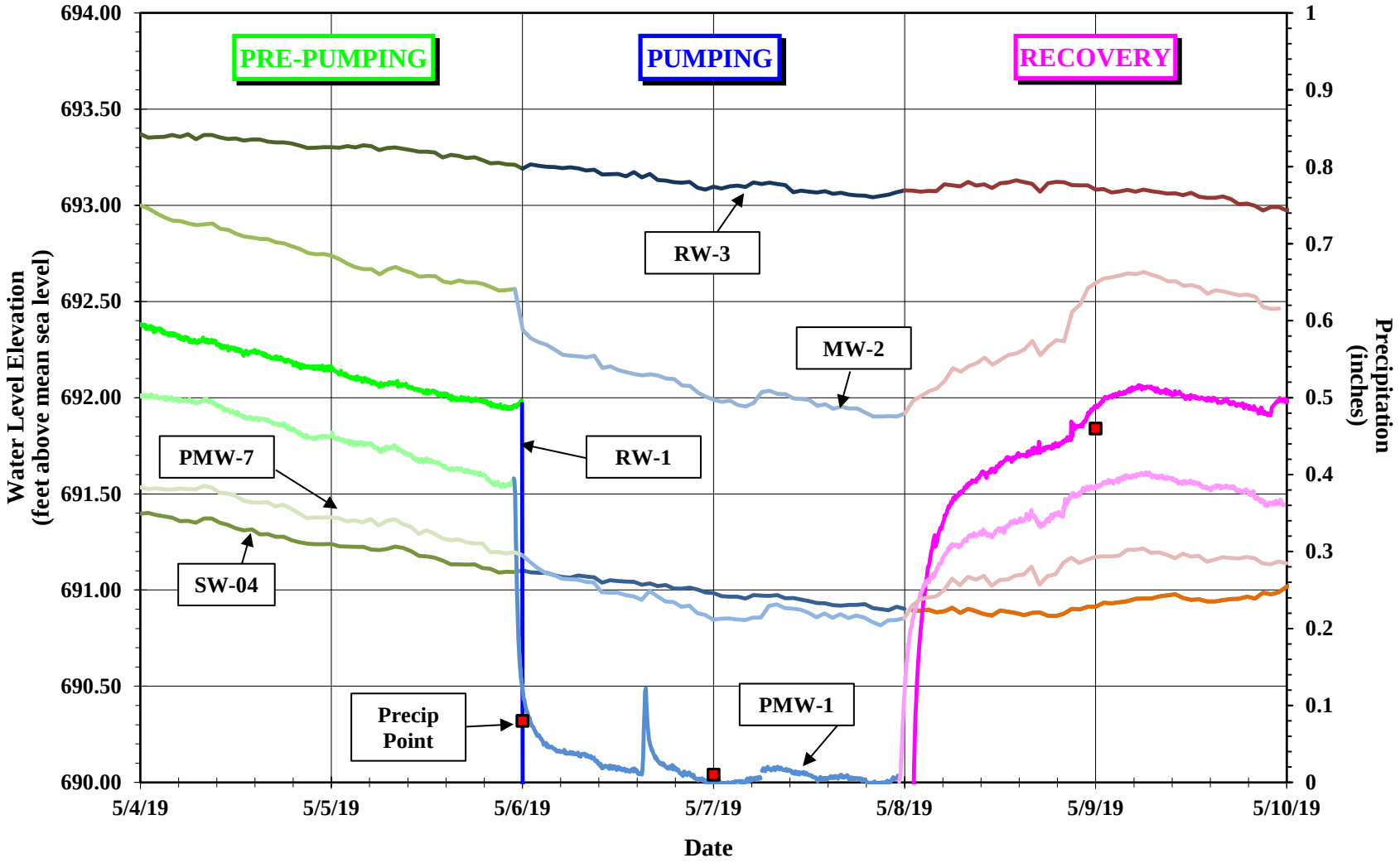
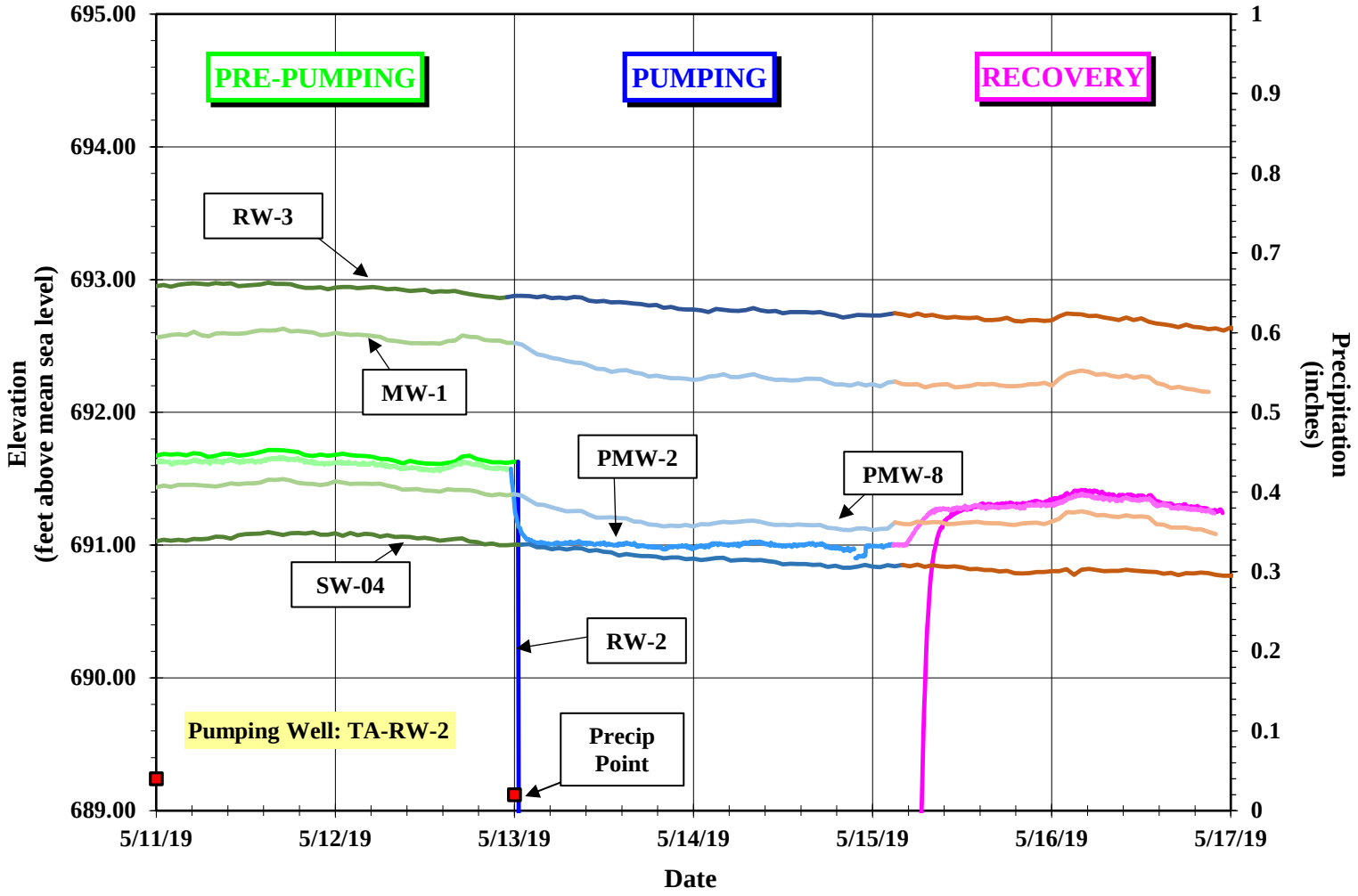
Appendix A – Pumping Test Groundwater Elevation Plots and Well Logs

TA-RW-1 Test - Combined Plot



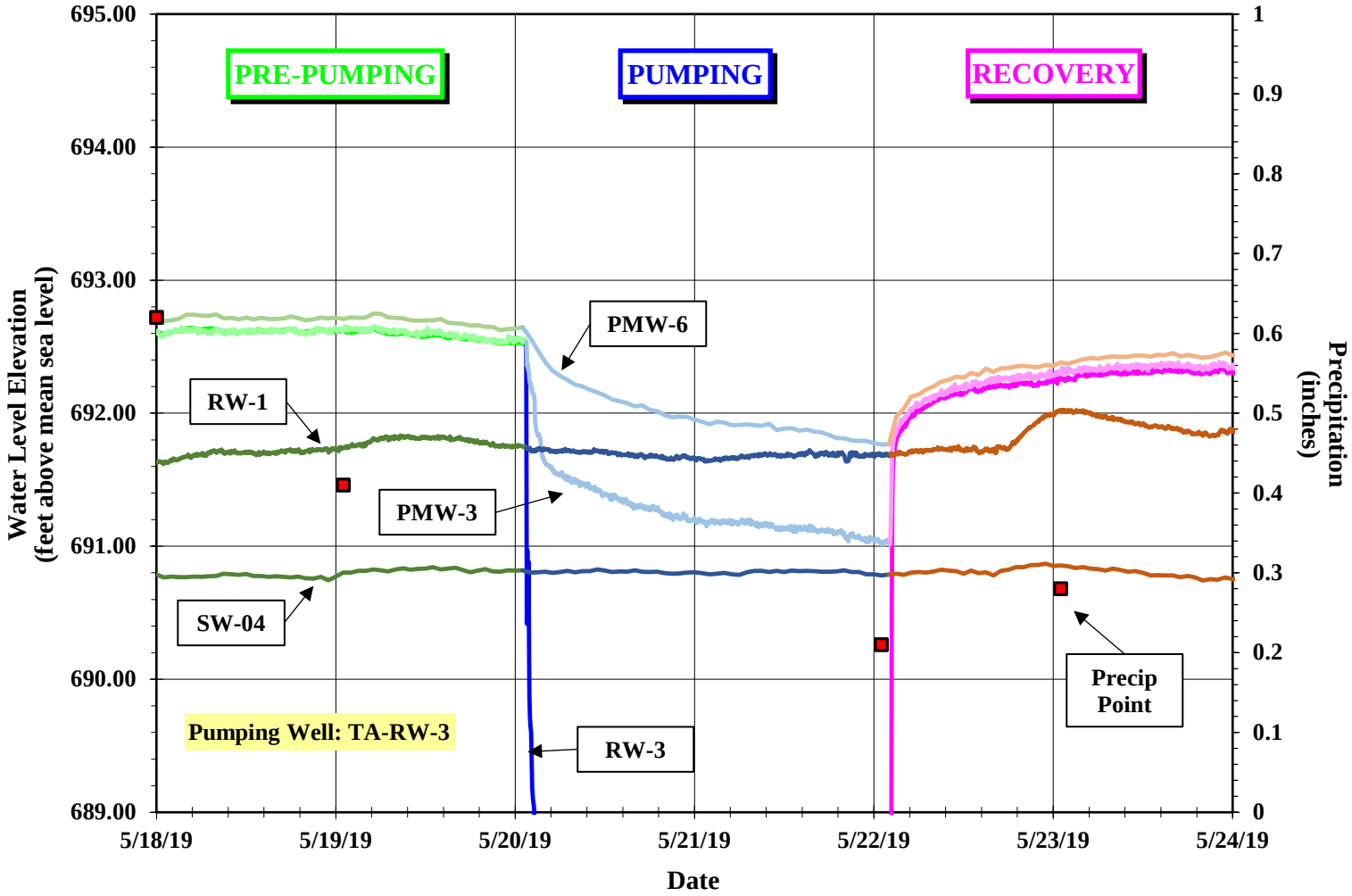
Plot of Water Level Elevation versus Time for May 4 to May 10, 2019
Tannery Interim GW Remedy
Rockford, Michigan

TA-RW-2 Test - Combined Plot



Plot of Water Level Elevation versus Time for May 11 to May 17, 2019
Tannery Interim GW Remedy
Grand Rapids, Michigan

TA-RW-3 Test - Combined Plot



Plot of Water Level Elevation versus Time for May 18 to May 24, 2019
Tannery Interim GW Remedy
Rockford, Michigan

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Former Tannery
Rockford, Michigan

Boring No.: B-RW-1
Page: 1 **of** 2
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Matt Bergen
Date Start/Finish: 10-24-18 / 10-24-18
Boring Location: See Survey
GS Elev.: 693.60' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	Split Spoon
O.D. / I.D.:	8.0" / 4.25"	2.0" / 1 3/8"
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/17	0-2	2-9-50/5		Medium dense, brown, SILT and SAND, trace Organics (TOPSOIL). Changing at 0.6 feet to: Medium dense, brown, fine to medium SAND, little Gravel, little Silt.	TOPSOIL 0.6' SAND	1	None
2	2	24/18	2-4	16-6 3-0		Loose, brown, fine to medium SAND, some Silt, little Gravel. Changing at 2.5 feet to: Loose, brown, trace Silt. Changing at 3.0 feet to: Loose, black, fine SAND and SILT, little Gravel, trace Organic Matter (wood), wet with Sulfur like odor (FILL).	3' SAND and SILT		
4	3	24/6	4-6	1-1 1-1		Very loose, black, fine to medium SAND and SILT, some Gravel with bottom 1" Silt and Organic, wet.			
6	4	24/9	6-8	1-2 2-1		Very loose, black, fine to coarse SAND and SILT, trace Gravel, wet. Changing at 6.2 feet to: ORGANIC MATTER (wood), wet. Changing at 6.5 feet to: Soft, black, Clayey SILT with fine Sand seams, wet.	6.2' 6.5' ORGANIC MATTER Clayey SILT		
8	5	24/15	8-10	1-1 1-1		Very loose, black, fine SAND, some Silt, trace Gravel, wet. Changing at 8.8 feet to: Very loose, brown, fine SAND, some Silt, wet.	8' Silty CLAY	2	
10	6	24/15	10-12	1-3 5-6		Medium stiff, olive brown, Silty CLAY with fine Sand and Silt lenses, moist. Changing at 11.5 feet to: mottled orange and gray, fine SAND withSilt lenses, trace Gravel, wet.			
12	7	24/16	12-14	3-3 11-11		Medium dense, tan and gray, SILT and fine SAND, trace Gravel, moist.	12' SILT and SAND		
14	8	24/19	14-16	6-7 9-10		Medium dense, tan and gray, SILT and SAND, little Gravel, moist.			

REMARKS

1. Concrete in tip of spoon.
2. Black staining at 8.6 feet.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Engineers and Scientists

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Former Tannery
Rockford, Michigan

Boring No.: B-RW-1
Page: 2 **of** 2
File No.: 16.0062335.02
Check: John Morehouse

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
							SILT and SAND		
16	9	24/18	16-18	8-10 10-15		Medium dense, tan and gray, SILT and fine SAND, little Gravel, moist.			
17									
18	10	24/0	18-20	4-12 14-20		Medium dense, tan and gray, SILT and fine SAND, some Gravel with 1 inch of Clay seam, moist.			
19									
20	11	24/24	20-22	10-12 16-16		Medium dense, tan and gray, SILT and fine SAND, some Gravel, moist.			
21									
22	12	24/24	22-24	4-12 26-37		Medium dense, tan and gray, fine SAND and SILT, little Gravel, moist.			
23									
24	13	24/24	24-26	14-20 24-26		Dark Tan, fine SAND with Clayey Silt seams, trace Gravel, wet.	24' SAND		
25									
26						Bottom of Borehole at 26.0 Feet	26'	3	
27									
28									
29									
30									
31									
32									

REMARKS

3. Backfilled with bentonite chips upon completion.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Former Tannery
Rockford, Michigan

Boring No.: B-RW-2
Page: 1 **of** 2
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Matt Bergen
Date Start/Finish: 10-24-18 / 10-24-18
Boring Location: See Survey
GS Elev.: 693.50' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	Split Spoon
O.D. / I.D.:	8.0" / 4.25"	2.0" / 1 3/8"
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/22	0-2	4-11 12-12		Brown, SILT and fine SAND, trace Organics (TOPSOIL), moist. Changing at 0.3 feet to: Medium light brown, fine to coarse SAND, little Silt, moist. Changing at 1.2 feet to: Medium brown, fine to medium SAND, little Silt, trace Gravel, moist.	TOPSOIL 0.5' SAND		None
2	2	24/22	2-4	7-8 8-7		Medium tan, fine SAND, little Silt, trace Gravel, wet with gray stained from 2.6 to 3.0 feet, wet.		1	
4	3	24/18	4-6	1-2 3-3		Very light gray and black, fine SAND and SILT, wet.	4' SAND and SILT		
6	4	24/14	6-8	2-3 3-2		Very light gray, fine SAND and SILT, wet.			
8	5	24/20	8-10	1-1 6-11		Very light gray, fine SAND and SILT, wet. Changing at 8.4 feet to: Light gray and black, fine to medium SAND, some Silt, some Gravel, wet. Changing at 8.8 feet to: Medium stiff, black and gray, Clayey SILT, wet. Changing at 8.9 feet to: Gray and orange mottled, SILT, little fine Sand, little Gravel, moist with Clay seams, wet.	9' SILT		
10	6	24/10	10-12	4-7 14-18		Red and orange mottled, SILT, little fine Sand, little Gravel, moist.			
12	7	24/22	12-14	11-12 20-18		Hard, gray, SILT, little fine Sand, trace Gravel, wet.			
14	8	24/20	14-16	11-15 23-26		Hard, gray, SILT, little fine Sand, little Gravel, moist.			

REMARKS

1. Groundwater was encountered at approximately 2.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL_6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Engineers and Scientists

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Former Tannery
Rockford, Michigan

Boring No.: B-RW-2
Page: 2 **of** 2
File No.: 16.0062335.02
Check: John Morehouse

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
							SILT		
16	9	24/20	16-18	14-24 29-31		Hard, gray, SILT, some Gravel, little fine Sand, dry.			
17									
18	10	24/6	18-20	12-16 23-27		Hard, gray, SILT, little fine Sand, little Gravel, dry.			
19									
20							20'		
						Bottom of Borehole at 20.0 Feet		2	
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									

REMARKS

2. Backfilled with bentonite chips upon completion.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

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Former Tannery
Rockford, Michigan

Boring No.: B-RW-3
Page: 1 **of** 2
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Matt Bergen
Date Start/Finish: 10-25-18 / 10-25-18
Boring Location: See Survey
GS Elev.: 696.60' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	Split Spoon
O.D. / I.D.:	8.0" / 4.25"	2.0" / 1 3/8"
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/17	0-2	4-6 11-11		Medium brown, SILT and SAND, trace Organic Matter, moist (FILL). Changing at 0.5 feet to: Medium tan, fine to coarse SAND, some Silt, trace Gravel, moist. Changing at 1.0 foot to: Medium brown, fine to medium SAND, some Silt, trace Gravel, moist.	TOPSOIL 0.5' SAND		None
2	2	24/11	2-4	9-12 33-23		Medium, red and brown, fine to medium SAND, little Silt, trace Gravel, moist.			
4	3	24/16	4-6	1-6 4-5		Loose, brown, fine to medium SAND, some Silt, trace Gravel, moist. Changing at 5.0 feet to: Stiff, brown, SILT & CLAY, some fine to coarse Sand, moist.	5' SILT & CLAY		
6	4	24/20	6-8	7-5 7-8		Stiff, brown, SILT & CLAY, little fine to medium Sand, moist.			
8	5	24/17	8-10	13-6 10-15		Very soft, brown, SILT & CLAY, little fine to medium Sand, moist. Changing at 8.5 feet to: Very soft, brown, SILT, some fine to medium Sand, trace Gravel, moist.	8.5' SILT		
10	6	24/17	10-12	4-14 17-21		Hard, light brown, SILT, some fine to medium Sand, trace Gravel, wet. Changing at 10.2 feet to: Dense, light brown, fine to medium SAND, little Silt, wet.	10.5' SAND	1	
13	7	24/16	13-15	6-9 18-21		Medium tan, fine to coarse SAND, little Silt, trace Gravel, wet.			

REMARKS

1. Groundwater was encountered at approximately 10.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Engineers and Scientists

Wolverine World Wide, Inc.
Former Tannery
Rockford, Michigan

Boring No.: B-RW-3
Page: 2 **of** 2
File No.: 16.0062335.02
Check: John Morehouse

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data				
	8	24/24	15-17	8-18 24-34		Dark tan, fine to coarse SAND, little Silt, trace Gravel, wet.	SAND		
16									
17	9	24/18	17-19	6-11 25-60		Dense, tan, fine to coarse SAND, little Silt, wet. Changing at 17.8 feet to: Hard, gray, SILT, little fine to coarse Sand, trace Gravel, moist.	17.8' SILT		
18									
19	10	24/17	19-21	7-15 35-51		Hard, gray, Clayey SILT with fine Sand lenses, moist.	19' CLAY & SILT		
20									
21						Bottom of Borehole at 21.0 feet	21'	2	
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									

REMARKS

2. Backfilled with bentonite chips upon completion.

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BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Engineers and Scientists

Wolverine World Wide, Inc.
Former Tannery
Rockford, Michigan

Boring No.: TA-PMW-1
Page: 1 **of** 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Matt Bergen
Date Start/Finish: 10-26-18 / 10-26-18
Boring Location: See Survey
GS Elev.: 693.60' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	GeoProbe
O.D. / I.D.:	8.0" / 4.25"	NA
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks
1	1	24/17	0-2	2-3 14-11		Very stiff, brown, SILT, some fine Sand, trace Organic Matter (TOPSOIL). Changing at 0.9 feet to: Medium dense, light brown, fine to coarse SAND, some Gravel, trace Silt, moist.	SILT (TOPSOIL) 0.9' SAND	
5	2	24/0	5-7	WOH-WOH WOH-WOH		NO RECOVERY	5' NO RECOVERY	
7	3	24/8	7-9	1-1 1-1		Medium dense, black, SILT with fine to medium Sand lenses, trace Gravel, wet.	7' SILT	1
9	4	24/0	9-11	3-2 1-1		NO RECOVERY.	9' NO RECOVERY	
11	5	24/8	11-13	2-2 4-8		Medium stiff, olive and brown, SILT, some fine to medium Sand, some Gravel, trace Organic Matter (wood), wet.	11' SILT	
13	6	24/15	13-15	3-3 6-8		Stiff, gray, SILT, little fine to medium Sand, trace Gravel with fine Sand, seams, moist.		
15	7	24/16	15-17	5-5 7-7		Stiff, gray, SILT, some fine to medium Sand with fine Sand lenses, trace Gravel, wet.		
17	8	24/14	17-19	13-11 15-12		Very stiff, gray, SILT, little fine to medium Sand, trace Gravel, moist to wet. Changing at 17.7 feet to: Medium dense, gray, fine to coarse SAND, some Silt, trace Gravel, wet.	17.7' SAND	
19	9	12/12	19-20	5-10		Stiff, gray, Clayey SILT, little fine to medium Sand lenses, moist.	19' Clayey SILT 20'	
20						Bottom of Borehole at 20.0 Feet		2

Equipment Installed

PROTECTIVE CASING
Bentonite/Grout
Silica Sand Filter Pack
Top of Well Screen
2-Inch Dia. 3-Foot PVC Screen (0.010" Slot)
Bottom of Well Screen

REMARKS

1. Groundwater was encountered at approximately 7.0 feet below ground surface.
2. Monitoring well was installed in borehole upon completion. Well screen set from 10.0 to 20.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Engineers and Scientists

Wolverine World Wide, Inc.
Former Tannery
Rockford, Michigan

Boring No.: TA-PMW-2
Page: 1 **of** 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Matt Bergen
Date Start/Finish: 10-25-18 / 10-26-18
Boring Location: See Survey
GS Elev.: 693.60' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	GeoProbe
O.D. / I.D.:	8.0" / 4.25"	NA
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/21	0-2	3-10 11-13		Very stiff, brown, SILT, some fine Sand, trace Organic Matter, moist (TOPSOIL). Changing at 0.5 feet to: Medium dense, light brown, fine to coarse SAND, some Gravel, little Silt, moist. Changing at 1.1 feet to:	0.5' SAND (TOPSOIL) / SAND		PROTECTIVE CASING
2	2	24/19	2-4	10-11 13-12		Gray, fine SAND, some Silt, moist. Medium dense, gray, fine SAND and SILT, trace Gravel, wet.		1	Concrete Sand
3									Bentonite/Grout
4	3	24/14	4-6	2-1 1-2		Very light gray, fine SAND with Silt, some black Peat from 4.7 to 4.8 feet, wet.			
5									
6	4	24/17	6-8	WR-1 1-1		Very light gray with black layers, fine SAND and SILT, trace Gravel, wet.			Silica Sand Filter Pack
7									Top of Well Screen
8	5	24/11	8-10	1-2 4-2		Gray with black staining, fine SAND, trace Silt, wet. Changing at 8.3 feet to: Medium stiff, olive, SILT, some fine to medium Sand, little Gravel, wet.	8.3' SILT		
9									
10	6	24/14	10-12	5-11 16-19		Very stiff, light brown to gray, SILT, little fine to medium Sand, trace Gravel, moist.			
11									
12	7	24/13	12-14	7-11 18-22		Very stiff, gray, Clayey SILT, little fine to medium Sand, trace Gravel, moist.			2-Inch Dia. 3-Foot PVC Screen (0.010" Slot)
13									
14	8	24/23	14-16	10-14 21-23		Hard, gray, Clayey SILT, little fine to medium Sand, trace Gravel, fine Sand lenses, moist.			
15									
16	9	12/12	16-17	13-24		Hard, gray, SILT, some fine to medium Sand, trace Gravel, moist.	17'		
17						Bottom of Borehole at 17.0 Feet		2	Bottom of Well Screen
18									
19									
20									

REMARKS

1. Groundwater was encountered at approximately 2.0 feet below ground surface.
2. Monitoring well was installed in borehole upon completion. Well screen set from 7.0 to 17.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Rockford, Michigan

Boring No.: TA-PMW-3
Page: 1 **of** 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Matt Bergen
Date Start/Finish: 10-25-18 / 10-25-18
Boring Location: See Survey
GS Elev.: 696.50' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	GeoProbe
O.D. / I.D.:	8.0" / 4.25"	NA
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Info: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/15	0-2	4-10 18-13		Very stiff, brown, SILT, some fine Sand, trace Oganic Matter, moist (TOPSOIL). Changing at 0.3 feet to: Medium dense, brown, fine to coarse SAND and Gravel, some Silt, trace Brick, moist (FILL).	0.3' SILT (TOPSOIL) SAND (FILL)		PROTECTIVE CASING
5	2	24/20	5-7	4-7 6-10		Stiff, light brown, Silty CLAY with Sand and Gravel, dense fine to medium Sand and Gravel seam from 5.7 to 5.9 feet, moist.	5' Silty CLAY		Bentonite/Grout
7	3	24/20	7-9	5-8 10-14		Very stiff, light brown, SILT with fine to coarse Sand lenses, moist. Changing at 8.8 feet to: Medium dense, light brown, fine to coarse SAND and GRAVEL, some Silt, wet.	7' SILT		
9	4	24/18	9-11	9-16 22-30		Dense, light brown, fine to coarse SAND and Gravel, little Silt, wet.	9' SAND	1	
11	5	24/19	11-13	13-32 38-47		Very dense, light brown, fine to coarse SAND and Gravel, trace Silt, red stained from 11.8 to 12.1 feet, wet. Changing at 12.1 feet to: Very dense, gray, fine to coarse SAND and Gravel, trace Silt, wet.			Silica Sand Filter Pack Top of Well Screen
13	6	24/19	13-15	3-18 23-29		Dense, gray, fine to coarse SAND and Gravel, trace Silt, wet.			
15	7	24/18	15-17	4-12 27-33		Dense, gray, fine to coarse SAND, some Silt, little Gravel, wet.			2-Inch Dia. 3-Foot PVC Screen (0.010" Slot)
17						Bottom of Borehole at 17.0 Feet	17'	2	Bottom of Well Screen
19									

REMARKS

1. Groundwater was encountered at approximately 8.8 feet below ground surface.
2. Monitoring well was installed in borehole upon completion. Well screen set from 12.0 to 17.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Engineers and Scientists

Wolverine World Wide, Inc.
Former Tannery
Rockford, Michigan

Boring No.: TA-PMW-4
Page: 1 of 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Kevin Hedinger
Date Start/Finish: 10-30-18 / 10-30-18
Boring Location: See Survey
GS Elev.: 693.40' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	GeoProbe
O.D. / I.D.:	8.0" / 4.25"	NA
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/24	0-2	4-9 13-9		Loose, dark brown, SILT, moist (TOPSOIL). Changing at 1.0 foot to: Loose, gray, fine to medium SAND, some coarse Sand and Gravel, moist. Changing at 1.5 feet to:	0.5' SILT (TOPSOIL) / SAND		PROTECTIVE CASING
2	2	24/12	2-4	5-5 3-4		Loose, black, fine to medium SAND, some coarse Sand, with 1 inch layer of clay at 1.5 feet, moist.	2.7' SILT	1	
3						Loose, black, fine to medium SAND, some coarse Sand, moist. Changing at 2.3 feet to:			
4	3	24/12	4-6	1-1 3-1		Gray, fine to medium SAND, some Gravel, some Organic Matter (wood chips), wet. Changing at 2.7 feet to: Dark brown, SILT, trace Gravel, trace fine Sand, wet.	4' SAND 4.7' SILT		Bentonite/Grout
5									
6	4	24/14	6-8	1-1 1-1		Loose, fine to medium SAND, some Organic Matter (roots), some Silt, wet. Changing at 4.3 feet to: Loose, coarse SAND and GRAVEL, trace medium Sand, wet. Changing at 4.7 feet to: Soft, black, SILT, some Clay, wet.	6.7' SAND		
7									Silica Sand Filter Pack
8	5	24/12	8-10	3-3 4-2		Soft, black, SILT, some Clay, wet. Changing at 6.7 feet to: Loose, gray, fine SAND, wet.	8' SILT 8.7' SAND		Top of Well Screen
9						Very loose, brown, SILT, trace Gravel, wet. Changing at 8.7 feet to: Very loose, brown, fine to medium SAND, trace Gravel, trace			
10	6	24/14	10-12	1-1 1-1		Silt, wet.	10.7' SILT		
11						Loose, gray and brown, fine to medium SAND, trace coarse Sand with Silt inclusions, moist. Changing at 10.7 feet to:			2-Inch Dia. 3-Foot PVC Screen (0.010" Slot)
12	7	24/16	12-14	6-8 9-10		Soft, gray, SILT, trace to some Clay, trace Gravel, wet.			
13						Stiff, gray, SILT, trace fine Sand, moist. Changing at 13.2 feet to: Stiff, gray, SILT, some Clay, moist.			Bottom of Well Screen
14	8	24/24	14-16	7-9 11-14		Stiff, gray, SILT, some Clay, some Sand, trace Gravel, moist.			
15									
16	9	24/20	16-18	6-13 14-17		Stiff, gray, SILT, some Clay, some Sand, trace Gravel, moist. Changing at 17.0 feet to: Dense, gray, fine SAND, some Silt, trace Gravel, moist.	17' SAND		
17									
18	10	24/12	18-20	10-12 26-29		Dense, gray, SILT, some fine Sand, trace Gravel, moist.			
19									
20						Bottom of Borehole at 20.0 Feet	20'	2	

REMARKS

1. Groundwater was encountered at approximately 2.3 feet below ground surface.
2. Monitoring well was installed in borehole upon completion. Well screen set from 8.0 to 13.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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GeoEnvironmental, Inc.
Engineers and Scientists

Wolverine World Wide, Inc.
Former Tannery
Rockford, Michigan

Boring No.: TA-PMW-5
Page: 1 of 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Kevin Hedinger
Date Start/Finish: 10-31-18 / 10-31-18
Boring Location: See Survey
GS Elev.: 694.80' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	GeoProbe
O.D. / I.D.:	8.0" / 4.25"	NA
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/20	0-2	4-4 8-7		Brown, SILT, moist (TOPSOIL). Changing at 0.5 feet to: Loose, brown and orange, fine SAND, moist with 1 inch layer of Gravel at 1.5 feet and 1.8 feet.	0.5' SILT SAND		PROTECTIVE CASING
2	2	24/24	2-4	6-4 4-3		Loose, brown and orange, fine SAND, trace Gravel, moist. Changing at 3.2 feet to: Loose, dark brown, fine SAND, wet with Clay inclusion at 4 feet.		1	
4	3	24/16	4-6	1-3 1-1		Soft, dark brown to gray, SILT, some Clay, trace Gravel, wet with Organic Matter (wood pieces) at 4.0 feet.	4' SILT		
6	4	24/14	6-8	1-1 1-3		Soft, gray, Silty CLAY, moist to wet. Changing at 7.2 feet to: Soft, gray, Silty CLAY, trace Gravel, trace fine Sand, moist to wet.	6' Silty CLAY		Bentonite/Grout
8	5	24/12	8-10	3-4 4-5		Soft, brown, Silty CLAY, trace Gravel, trace Sand, moist. Changing at 8.1 feet to: Stiff, brown, Silty CLAY, trace Gravel, trace Sand, moist.			
10	6	24/20	10-12	3-6 13-16		Loose, brown and orange, fine to medium SAND, wet. Changing at 10.7 feet to: Stiff, brown and gray, Silty CLAY,trace fine Sand, trace Gravel, wet. Changing at 11.5 feet to: Loose, brown and orange, fine to medium SAND, wet.	10' SAND 10.7' Silty CLAY 12' SAND		Silica Sand Filter Pack Top of Well Screen
12	7	24/20	12-14	3-9 25-31		Loose, brown, fine to medium SAND, wet.			
14	8	24/24	14-16	7-21 27-38		Loose, brown, fine medium SAND, wet. Changing at 15.0 feet to: Loose, brown, fine to medium SAND, trace Silt & Clay, wet.			2-Inch Dia. 3-Foot PVC Screen (0.010" Slot)
16	9	24/24	16-18	3-6 20-27		Loose, brown and gray, fine SAND, wet. Changing at 17.0 feet to: Loose, brown and gray, fine to medium SAND, trace Silt, wet.			Bottom of Well Screen
18	10	24/24	18-20	10-20 33-38		Loose, brown and gray, fine SAND, wet. Changing at 18.7 feet to: Stiff, gray, Silty CLAY, trace Gravel, wet.	18.7' Silty CLAY		
20						Bottom of Borehole at 20.0 feet	20'	2	

REMARKS

1. Groundwater was encountered at approximately 3.0 feet below ground surface.
2. Monitoring well was installed in borehole upon completion. Well screen set from 8.0 to 13.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Former Tannery
Rockford, Michigan

Boring No.: TA-PMW-6
Page: 1 of 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Matt Bergen
Date Start/Finish: 11-1-18 / 11-1-18
Boring Location: See Survey
GS Elev.: 698.30' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	GeoProbe
O.D. / I.D.:	8.0" / 4.25"	NA
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/20	0-2	1-3 14-31		Brown, SILT, Organic Matter (roots), trace Clay, moist (TOPSOIL). Changing at 0.8 feet to: Loose, orange, fine to medium SAND, moist. Changing at 1.3 feet to: Loose, brown, fine to medium SAND, some Gravel, moist.	SILT (TOPSOIL) 0.8' SAND		PROTECTIVE CASING
2	2	24/16	2-4	9-10 8-7		Loose, orange, fine to medium SAND, moist. Changing at 2.2 feet to: Loose, brown, fine to medium SAND, some Gravel, moist. Changing at 3.2 feet to: Soft, brown, SILT, some Clay, moist.	3.2' SILT 4.2'		
4	3	24/17	4-6	4-3 2-4		Soft, brown, SILT, some Clay, moist. Changing at 4.2 feet to: Brown, SAND and GRAVEL, moist. Changing at 4.9 feet to: Soft, brown and orange, fine SAND, some Silt & Clay, moist to wet.	SAND and Gravel 4.9' SAND	1	
6	4	24/20	6-8	5-9 12-17		Soft, brown and orange, fine SAND, some Silt & Clay, moist to wet. Changing at 6.2 feet to: loose, orange, fine SAND, some coarse Sand, wet. Changing at 6.8 feet to: Loose, gray, medium to coarse SAND, some fine Sand, some Gravel, wet.			Bentonite/Grout
8	5	24/24	8-10	7-17 13-15		Loose, gray, medium to coarse SAND, some fine Sand, some Gravel, trace Silt, wet. Changing at 9.2 feet to: Loose, orange, fine to medium SAND, trace Gravel, trace Silt.			
10	6	24/20	10-12	4-13 20-27		Loose, brown, fine to medium SAND, some coarse Sand, some Gravel, trace Silt, wet.			Silica Sand Filter Pack
12	7	24/20	12-14	14-20 29-34		Loose, brown, fine to medium SAND, some coarse Sand, some Gravel, trace Silt, wet.			Top of Well Screen
14	8	24/22	14-16	19-33 30-33		Loose, brown, medium SAND, some fine to coarse Sand, trace silt, trace Gravel, wet.			
16	9	24/24	16-18	10-25 36-38		Loose, brown, medium to coarse SAND, some fine Sand, trace Gravel, wet.			2-Inch Dia. 3-Foot PVC Screen (0.010" Slot)
18	10	24/24	18-20	9-25 26-38		Loose, brown, medium to coarse SAND, wet.	20'		Bottom of Well Screen
20						Bottom of Borehole at 20.0 Feet		2	

REMARKS

1. Groundwater was encountered at approximately 4.9 feet below ground surface.
2. Monitoring well was installed in borehole upon completion. Well screen set from 13.0 to 18.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Former Tannery
Rockford, Michigan

Boring No.: TA-PMW-7
Page: 1 of 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Kevin Hedinger
Date Start/Finish: 10-30-18 / 10-30-18
Boring Location: See Survey
GS Elev.: 693.40' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	GeoProbe
O.D. / I.D.:	8.0" / 4.25"	NA
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/20	0-2	2-6 19-17		Loose, dark brown, SILT, moist (TOPSOIL). Changing at 0.6 feet to: Dense, gray to brown, fine to medium SAND, some Gravel, damp.	SILT 0.7' (TOPSOIL) SAND		PROTECTIVE CASING
2	2	24/10	2-4	5-6 7-5		Loose, gray to brown, fine to medium SAND, some Gravel, some Organic Matter (roots), wet (TOPSOIL). Changing at 2.3 feet to: CONCRETE pieces, wet.	2.3' CONCRETE Pieces	1	
4	3	24/8	4-6	13-50/2"		CONCRETE pieces, wet.			
6	4	24/18	6-8	1-2 3-4		Loose, gray and brown, fine SAND, wet.	6' SAND		Bentonite/Grout
8	5	24/14	8-10	1-2 2-5		Loose, gray, fine SAND, some Gravel, wet. Changing at 8.3 feet to: Loose, gray, fine SAND, wet.			
10	6	24/9	10-12	5-4 3-3		Loose, gray, fine SAND, some Gravel, wet.			
12	7	24/20	12-14	7-6 44-9		Loose, gray, SAND, wet. Changing at 12.8 feet to: Gray, GRAVEL, with loose, coarse wet Sand at 13.9 feet.	12.8' GRAVEL		Silica Sand Filter Pack Top of Well Screen
14	8	24/20	14-16	4-5 6-8		Loose, dark gray, fine SAND, trace Gravel, wet. Changing at 14.8 feet to: Loose, brown, fine SAND, some Gravel, wet.	14' SAND		
16	9	24/24	16-18	3-7 7-8		Loose, brown to orange, fine SAND, some Gravel, wet. Changing at 17.6 feet to: Stiff, gray, Silty CLAY, moist.			2-Inch Dia. 3-Foot PVC Screen (0.010" Slot)
18	10	24/12	18-20	4-9 10-12		Stiff, gray, Silty CLAY, moist.	17.8' Silty CLAY		Bottom of Well Screen
20						Bottom of Borehole at 20.0 feet	20'	2	

REMARKS

1. Groundwater was encountered at approximately 2.3 feet below ground surface.
2. Monitoring well was installed in borehole upon completion. Well screen set from 13.0 to 18.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Former Tannery
Rockford, Michigan

Boring No.: TA-PMW-8
Page: 1 of 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Kevin Hedinger
Date Start/Finish: 10-30-18 / 10-30-18
Boring Location: See Survey
GS Elev.: 693.00' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	GeoProbe
O.D. / I.D.:	8.0" / 4.25"	NA
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Info: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/18	0-2	3-8 10-10		Brown, SILT (TOPSOIL). Changing at 0.3 feet to: Loose, brown, fine to medium SAND, some Gravel, some coarse Sand, moist.	0.3' SILT (TOPSOIL) / SAND		PROTECTIVE CASING
2	2	24/22	2-4	7-9 24-25		Loose, brown, fine SAND, trace Gravel, wet. Changing at 2.8 feet to: Loose, dark gray to black, fine SAND, some Gravel, wet.			Bentonite/Grout
4	3	24/12	4-6	3-2 2-1		Loose, black, fine to medium SAND, some Silt, some Gravel, wet.			
6	4	24/4	6-8	0-0 0-2		Loose, gray, fine to medium SAND, wet. Changing at 7.0 feet to: Soft, black, Silt, wet.	6.2' SILT	1	Silica Sand Filter Pack Top of Well Screen
8	5	24/10	8-10	0-2 2-2		Soft, black, SILT, some fine to coarse Sand, some Gravel, wet.			2-Inch Dia. 3-Foot PVC Screen (0.010" Slot)
10	6	24/18	10-12	5-5 6-8		Soft, gray, SILT, trace Clay, trace Peat, wet. Changing at 10.2 feet to: Stiff, gray and brown, SILT, some Clay, trace Gravel, wet.			
12	7	24/18	12-14	3-4 7-11		Loose, gray, fine to medium SAND, wet. Changing at 12.2 feet to: Stiff, gray, SILT, some Clay, some Gravel, moist.	12' 12.2' SAND / SILT		Bottom of Well Screen
14	8	24/22	14-16	9-13 20-24		Stiff, gray, Silty CLAY, trace Gravel, moist.	14' Silty CLAY		
16	9	24/24	16-18	12-18 18-24		Stiff, gray, Silty CLAY, trace Gravel, moist. Changing at 17.9 feet to: Gray, fine to medium SAND, some Silt, moist.			
18	10	24/20	18-20	4-8 18-24		Stiff, gray, Silty CLAY, moist. Changing at 18.3 feet to: Soft, gray, fine SAND, moist. Changing at 18.8 feet to: Stiff, gray, SILT, moist. Changing at 19.0 feet to: Soft, gray, fine SAND, moist.	17.9' 18' SAND / 18.3' Silty CLAY / 18.8' SAND / 19' SILT / SAND 20'		
20						Bottom of Borehole at 20.0 Feet		2	

REMARKS

1. Groundwater was encountered at approximately 6.2 feet below ground surface.
2. Monitoring well was installed in borehole upon completion. Well screen set from 7.0 to 12.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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Wolverine World Wide, Inc.
Former Tannery
Rockford, Michigan

Boring No.: TA-PMW-9
Page: 1 **of** 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Mike Hofferon
Logged by: Kevin Hedinger
Date Start/Finish: 10-31-18 / 10-31-18
Boring Location: See Survey
GS Elev.: 694.90' **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	GeoProbe
O.D. / I.D.:	8.0" / 4.25"	NA
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:	NM	NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
NM				

Surveyed By: NA **Survey Date:**

Depth	Sample Information: No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	1	24/21	0-2	4-8 6-9		Loose, brown, SILT, some Organic Matter (roots), moist. Changing at 0.7 feet to: Loose, tan, fine to medium SAND, some Gravel, moist. Changing at 1.6 feet to: Loose, black, fine to medium SAND, some Gravel, moist.	SILT 0.7' SAND		PROTECTIVE CASING
2	2	24/12	2-4	4-3 3-3		Loose, tan, fine to medium SAND, moist. Changing at 2.3 feet to: Loose, black, fine to medium SAND, some Gravel, wet.		1	
4	3	24/22	4-6	1-1 1-1		Soft, brown, fine to medium SAND, some Silt, trace Clay, trace Gravel, wet. Changing at 5.0 feet to: Soft, gray, SILT, trace fine Sand, trace Gravel, moist.	5' SILT		
6	4	24/20	6-8	5-5 7-10		Soft, gray, SILT, trace fine Sand, trace Gravel, trace Clay, wet. Changing at 6.2 feet to: Loose, fine SAND, wet. Changing at 7.3 feet to: Loose, orange, fine to medium SAND, wet.	6.2' SAND		Bentonite/Grout
8	5	24/21	8-10	2-4 6-10		Loose, brown, fine SAND, some Silt, wet.			
10	6	24/20	10-12	7-12 15-26		Loose, brown to orange, fine to medium SAND, trace Silt, trace Gravel, wet.			
12	7	24/18	12-14	12-19 23-27		Loose, orange, fine to medium SAND, some Gravel, wet.			Silica Sand Filter Pack Top of Well Screen
14	8	24/14	14-16	17-25 29-35		Loose, orange to brown, fine to medium SAND, wet.			
16	9	24/24	16-18	6-25 39-43		Loose, orange, fine to medium SAND, wet. Changing at 16.8 feet to: Loose, gray, fine SAND, wet.			2-Inch Dia. 3-Foot PVC Screen (0.010" Slot)
18	10	24/18	18-20	16-28 35-47		Loose, gray, fine SAND, wet.			Bottom of Well Screen
20						Bottom of Borehole at 20.0 Feet	20'	2	

REMARKS

1. Groundwater was encountered at approximately 2.3 feet below ground surface.
2. Monitoring well was installed in borehole upon completion. Well screen set from 7.0 to 12.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

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GeoEnvironmental, Inc.
Engineers and Scientists

Wolverine World Wide, Inc.
Former Tannery
Rockford, Michigan

Boring No.: TA-RW-1
Page: 1 **of** 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Jerry H.
Logged by: Chris Melby
Date Start/Finish: 1-7-19 / 1-8-19
Boring Location:
GS Elev.: **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	Split Spoon
O.D. / I.D.:	8.0" / 4.25"	2.0" / 1 3/8"
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:		NA

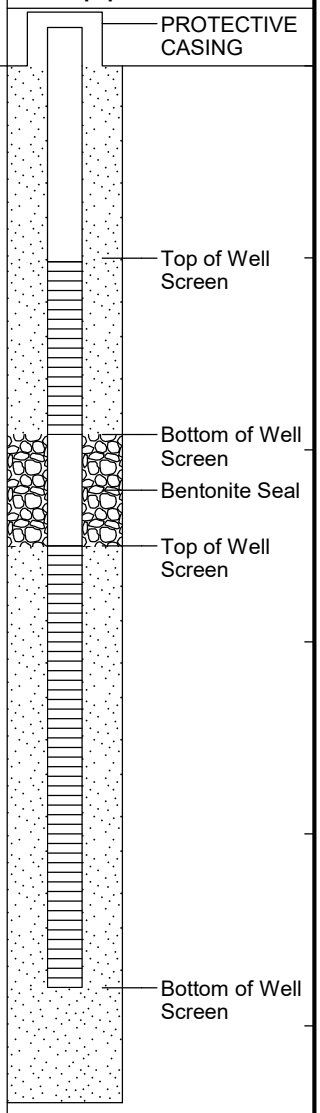
GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Surveyed By: **Survey Date:**

Depth	Sample Information No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks
1	1		0			See boring log B-RW-1 for soil descriptions.		
27						Bottom of Borehole at 27.0 Feet		1

Equipment Installed



REMARKS

1. Monitoring well was installed in borehole upon completion. Well screen set from approximately 12.5 to 24.0 feet below ground surface. Well screen set from approximately 5.1 to 9.6 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Wolverine World Wide, Inc.
Former Tannery
Rockford, Michigan

Boring No.: TA-RW-2
Page: 1 **of** 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Jerry H.
Logged by: Chris Melby
Date Start/Finish: 1-6-19 / 1-7-19
Boring Location:
GS Elev.: **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	Split Spoon
O.D. / I.D.:	8.0" / 4.25"	2.0" / 1 3/8"
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:		NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Surveyed By: **Survey Date:**

Depth	Sample Information No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1–22	1		0			See boring log B-RW-2 for soil descriptions.			PROTECTIVE CASING; Top of Well Screen; Bottom of Well Screen
23						Bottom of Borehole at 22.5 Feet		1	

REMARKS

1. Monitoring well was installed in borehole upon completion. Well screen set from approximately 4.0 to 19.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Wolverine World Wide, Inc.
Former Tannery
Rockford, Michigan

Boring No.: TA-RW-3
Page: 1 **of** 1
File No.: 16.0062335.02
Check: John Morehouse

Contractor: Stearns Drilling Company
Foreman: Jerry H.
Logged by: Chris Melby
Date Start/Finish: 1-4-19 / 1-6-19
Boring Location:
GS Elev.: **Datum:**

	Auger/ Casing	Sampler
Type:	Hollow Stem Auger	Split Spoon
O.D. / I.D.:	8.0" / 4.25"	2.0" / 1 3/8"
Hammer Wt.:	140lbs	NA
Hammer Fall:	30.0"	NA
TOC Elev.:		NA

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Surveyed By: **Survey Date:**

Depth	Sample Information No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Test Data	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1–22	1		0			See boring log B-RW-3 for soil descriptions.			PROTECTIVE CASING; Bentonite; Silica Sand Filter Pack; Top of Well Screen; Bottom of Well Screen
23						Bottom of Borehole at 22.5 Feet		1	

REMARKS

1. Monitoring well was installed in borehole upon completion. Well screen set from approximately 10.5 to 18.0 feet below ground surface.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING_WELL 6233502 WWW FORMER TANNERY ROCKFORD 10_16_18.GPJ GZA_CORP.GDT 7/1/19

Appendix B – Transient Model Calibration Targets

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	11:00:00	693.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	12:00:00	693.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	13:00:00	693.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	14:00:00	693.32
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	15:00:00	693.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	16:00:00	693.32
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	17:00:00	693.32
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	18:00:00	693.3
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	19:00:00	693.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	20:00:00	693.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	21:00:00	693.3
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	22:00:00	693.3
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/5/2019	23:00:00	693.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	0:00:00	693.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	1:00:00	693.28
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	2:00:00	693.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	3:00:00	693.27
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	4:00:00	693.27
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	5:00:00	693.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	6:00:00	693.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	7:00:00	693.24
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	8:00:00	693.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	9:00:00	693.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	10:00:00	693.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	11:00:00	693.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	12:00:00	693.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	13:00:00	693.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	14:00:00	693.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	15:00:00	693.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	16:00:00	693.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	17:00:00	693.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	18:00:00	693.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	19:00:00	693.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	20:00:00	693.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	21:00:00	693.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	22:00:00	693.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/6/2019	23:00:00	693.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	0:00:00	693.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	1:00:00	693.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	2:00:00	693.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	3:00:00	693.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	4:00:00	693.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	5:00:00	693.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	6:00:00	693.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	7:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	8:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	9:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	10:00:00	693.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	11:00:00	693.09

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	12:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	13:00:00	693.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	14:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	15:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	16:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	17:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	18:00:00	693.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	19:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	20:00:00	693.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	21:00:00	693.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	22:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/7/2019	23:00:00	693.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	0:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	1:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	2:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	3:00:00	693.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	4:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	5:00:00	693.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	6:00:00	693.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	7:00:00	693.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	8:00:00	693.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	9:00:00	693.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	10:00:00	693.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	11:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	12:00:00	693.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	13:00:00	693.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	14:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	15:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	16:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	17:00:00	693.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	18:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	19:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	20:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	21:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	22:00:00	693.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/8/2019	23:00:00	693.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	0:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	1:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	2:00:00	693.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	3:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	4:00:00	693.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	5:00:00	693.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	6:00:00	693.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	7:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	8:00:00	693.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	9:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	10:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/9/2019	11:00:00	693.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	0:00:00	692.96

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	1:00:00	692.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	2:00:00	692.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	3:00:00	692.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	4:00:00	692.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	5:00:00	692.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	6:00:00	692.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	7:00:00	692.95
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	8:00:00	692.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	9:00:00	692.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	10:00:00	692.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	11:00:00	692.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	12:00:00	692.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	13:00:00	692.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	14:00:00	692.95
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	15:00:00	692.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	16:00:00	692.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	17:00:00	692.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	18:00:00	692.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	19:00:00	692.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	20:00:00	692.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	21:00:00	692.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	22:00:00	692.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/12/2019	23:00:00	692.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	0:00:00	692.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	1:00:00	692.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	2:00:00	692.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	3:00:00	692.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	4:00:00	692.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	5:00:00	692.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	6:00:00	692.89
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	7:00:00	692.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	8:00:00	692.87
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	9:00:00	692.87
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	10:00:00	692.86
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	11:00:00	692.87
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	12:00:00	692.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	13:00:00	692.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	14:00:00	692.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	15:00:00	692.87
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	16:00:00	692.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	17:00:00	692.86
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	18:00:00	692.86
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	19:00:00	692.86
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	20:00:00	692.87
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	21:00:00	692.86
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	22:00:00	692.84
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/13/2019	23:00:00	692.83
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	0:00:00	692.84
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	1:00:00	692.83

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	2:00:00	692.83
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	3:00:00	692.83
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	4:00:00	692.82
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	5:00:00	692.81
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	6:00:00	692.81
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	7:00:00	692.81
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	8:00:00	692.79
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	9:00:00	692.79
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	10:00:00	692.78
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	11:00:00	692.78
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	12:00:00	692.78
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	13:00:00	692.77
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	14:00:00	692.76
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	15:00:00	692.78
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	16:00:00	692.77
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	17:00:00	692.77
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	18:00:00	692.76
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	19:00:00	692.77
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	20:00:00	692.79
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	21:00:00	692.77
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	22:00:00	692.76
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/14/2019	23:00:00	692.76
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	0:00:00	692.75
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	1:00:00	692.75
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	2:00:00	692.76
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	3:00:00	692.75
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	4:00:00	692.75
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	5:00:00	692.75
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	6:00:00	692.74
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	7:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	8:00:00	692.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	9:00:00	692.72
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	10:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	11:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	12:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	13:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	14:00:00	692.74
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	15:00:00	692.75
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	16:00:00	692.74
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	17:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	18:00:00	692.74
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	19:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	20:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	21:00:00	692.72
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	22:00:00	692.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/15/2019	23:00:00	692.72
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	0:00:00	692.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	1:00:00	692.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	2:00:00	692.71

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	3:00:00	692.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	4:00:00	692.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	5:00:00	692.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	6:00:00	692.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	7:00:00	692.69
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	8:00:00	692.69
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	9:00:00	692.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	10:00:00	692.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	11:00:00	692.69
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	12:00:00	692.69
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	13:00:00	692.72
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	14:00:00	692.74
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	15:00:00	692.74
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	16:00:00	692.74
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	17:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	18:00:00	692.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	19:00:00	692.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	20:00:00	692.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	21:00:00	692.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	22:00:00	692.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/16/2019	23:00:00	692.69
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	0:00:00	692.57
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	1:00:00	692.58
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	2:00:00	692.58
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	3:00:00	692.56
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	4:00:00	692.57
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	5:00:00	692.56
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	6:00:00	692.56
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	7:00:00	692.55
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	8:00:00	692.55
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	9:00:00	692.54
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	10:00:00	692.52
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	11:00:00	692.52
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	12:00:00	692.53
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:00:00	692.53
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:18:00	692.51
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:23:00	692.52
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:28:00	692.52
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:33:00	690.42
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:38:00	690.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:43:00	690.48
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:48:00	690.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:53:00	689.89
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	13:58:00	689.72
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:03:00	689.64
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:08:00	689.6
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:13:00	689.39
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:18:00	689.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:23:00	689.09

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:28:00	689.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:33:00	689.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:38:00	687.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:43:00	686.53
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:48:00	686.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:53:00	686.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	14:58:00	686.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:03:00	686.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:08:00	686.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:13:00	685.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:18:00	685.83
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:23:00	685.46
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:28:00	684.8
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:33:00	684.46
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:38:00	684.27
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:43:00	684.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:48:00	684.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:53:00	684.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	15:58:00	684
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:03:00	683.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:08:00	683.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:13:00	683.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:18:00	683.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:23:00	683.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:28:00	683.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:33:00	683.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:38:00	683.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:43:00	683.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:48:00	683.87
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:53:00	683.86
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	16:58:00	683.85
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:03:00	683.83
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:08:00	683.82
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:13:00	683.82
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:18:00	683.81
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:23:00	683.79
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:28:00	683.8
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:33:00	683.79
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:38:00	683.79
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:43:00	683.78
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:48:00	683.78
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:53:00	683.77
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	17:58:00	683.76
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:03:00	683.75
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:08:00	683.75
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:13:00	683.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:18:00	683.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:23:00	683.73
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:28:00	683.72

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:33:00	683.72
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:38:00	683.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:43:00	683.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:48:00	683.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:53:00	683.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	18:58:00	683.71
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:03:00	683.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:08:00	683.69
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:13:00	683.67
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:18:00	683.68
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:23:00	683.66
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:28:00	683.66
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:33:00	683.66
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:38:00	683.66
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:43:00	683.65
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:48:00	683.65
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:53:00	683.65
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	19:58:00	683.63
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:03:00	683.63
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:08:00	683.65
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:13:00	683.62
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:18:00	683.62
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:23:00	683.62
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:28:00	683.61
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:33:00	683.62
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:38:00	683.62
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:43:00	683.62
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:48:00	683.61
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:53:00	683.6
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	20:58:00	683.59
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:03:00	683.6
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:08:00	683.59
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:13:00	683.58
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:18:00	683.57
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:23:00	683.55
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:28:00	683.53
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:33:00	683.52
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:38:00	683.51
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:43:00	683.51
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:48:00	683.5
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:53:00	683.49
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	21:58:00	683.49
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:03:00	683.49
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:08:00	683.48
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:13:00	683.47
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:18:00	683.47
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:23:00	683.47
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:28:00	683.47
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:33:00	683.47

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:38:00	683.46
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:43:00	683.45
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:48:00	683.44
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:53:00	683.44
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	22:58:00	683.46
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:03:00	683.45
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:08:00	683.44
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:13:00	683.43
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:18:00	683.44
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:23:00	683.44
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:28:00	683.43
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:33:00	683.44
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:38:00	683.43
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:43:00	683.42
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:48:00	683.43
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:53:00	683.42
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/20/2019	23:58:00	683.41
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:03:00	683.41
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:08:00	683.41
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:13:00	683.41
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:18:00	683.4
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:23:00	683.4
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:28:00	683.39
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:33:00	683.39
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:38:00	683.38
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:43:00	683.4
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:48:00	683.38
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:53:00	683.37
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	0:58:00	683.38
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:03:00	683.39
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:08:00	683.38
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:13:00	683.37
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:18:00	683.37
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:23:00	683.37
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:28:00	683.37
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:33:00	683.37
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:38:00	683.36
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:43:00	683.36
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:48:00	683.36
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:53:00	683.37
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	1:58:00	683.35
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:03:00	683.36
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:08:00	683.36
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:13:00	683.36
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:18:00	683.36
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:23:00	683.35
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:28:00	683.35
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:33:00	683.35
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:38:00	683.34

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:43:00	683.34
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:48:00	683.34
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:53:00	683.33
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	2:58:00	683.33
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:03:00	683.33
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:08:00	683.33
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:13:00	683.32
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:18:00	683.32
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:23:00	683.32
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:28:00	683.33
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:33:00	683.32
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:38:00	683.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:43:00	683.3
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:48:00	683.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:53:00	683.3
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	3:58:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:03:00	683.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:08:00	683.3
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:13:00	683.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:18:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:23:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:28:00	683.3
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:33:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:38:00	683.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:43:00	683.31
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:48:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:53:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	4:58:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:03:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:08:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:13:00	683.29
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:18:00	683.27
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:23:00	683.28
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:28:00	683.27
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:33:00	683.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:38:00	683.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:43:00	683.25
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:48:00	683.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:53:00	683.27
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	5:58:00	683.25
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:03:00	683.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:08:00	683.27
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:13:00	683.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:18:00	683.28
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:23:00	683.25
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:28:00	683.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:33:00	683.26
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:38:00	683.25
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:43:00	683.26

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:48:00	683.25
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:53:00	683.25
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	6:58:00	683.25
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:03:00	683.24
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:08:00	683.25
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:13:00	683.25
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:18:00	683.24
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:23:00	683.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:28:00	683.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:33:00	683.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:38:00	683.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:43:00	683.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:48:00	683.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:53:00	683.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	7:58:00	683.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:03:00	683.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:08:00	683.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:13:00	683.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:18:00	683.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:23:00	683.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:28:00	683.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:33:00	683.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:38:00	683.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:43:00	683.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:48:00	683.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:53:00	683.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	8:58:00	683.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:03:00	683.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:08:00	683.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:13:00	683.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:18:00	683.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:23:00	683.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:28:00	683.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:33:00	683.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:38:00	683.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:43:00	683.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:48:00	683.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:53:00	683.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	9:58:00	683.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:03:00	683.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:08:00	683.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:13:00	683.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:18:00	683.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:23:00	683.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:28:00	683.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:33:00	683.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:38:00	683.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:43:00	683.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:48:00	683.15

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:53:00	683.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	10:58:00	683.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:03:00	683.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:08:00	683.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:13:00	683.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:18:00	683.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:23:00	683.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:28:00	683.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:33:00	683.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:38:00	683.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:43:00	683.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:48:00	683.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:53:00	683.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	11:58:00	683.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:03:00	683.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:08:00	683.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:13:00	683.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:18:00	683.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:23:00	683.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:28:00	683.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:33:00	683.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:38:00	683.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:43:00	683.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:48:00	683.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:53:00	683.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	12:58:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:03:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:08:00	683.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:13:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:18:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:23:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:28:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:33:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:38:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:43:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:48:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:53:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	13:58:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:03:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:08:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:13:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:18:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:23:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:28:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:33:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:38:00	683.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:43:00	683.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:48:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:53:00	683.1

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	14:58:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:03:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:08:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:13:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:18:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:23:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:28:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:33:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:38:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:43:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:48:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:53:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	15:58:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:03:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:08:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:13:00	683.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:18:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:23:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:28:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:33:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:38:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:43:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:48:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:53:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	16:58:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:03:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:08:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:13:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:18:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:23:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:28:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:33:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:38:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:43:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:48:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:53:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	17:58:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:03:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:08:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:13:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:18:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:23:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:28:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:33:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:38:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:43:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:48:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:53:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	18:58:00	683.07

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:03:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:08:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:13:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:18:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:23:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:28:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:33:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:38:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:43:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:48:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:53:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	19:58:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:03:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:08:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:13:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:18:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:23:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:28:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:33:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:38:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:43:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:48:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:53:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	20:58:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:03:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:08:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:13:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:18:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:23:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:28:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:33:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:38:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:43:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:48:00	683.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:53:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	21:58:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:03:00	683.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:08:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:13:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:18:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:23:00	683.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:28:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:33:00	683.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:38:00	683.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:43:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:48:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:53:00	683.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	22:58:00	683.04
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:03:00	683.06

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:08:00	683.04
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:13:00	683.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:18:00	683.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:23:00	683.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:28:00	683.04
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:33:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:38:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:43:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:48:00	683.04
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:53:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/21/2019	23:58:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:03:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:08:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:13:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:18:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:23:00	683.04
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:28:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:33:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:38:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:43:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:48:00	683.04
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:53:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	0:58:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:03:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:08:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:13:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:18:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:23:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:28:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:33:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:38:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:43:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:48:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:53:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	1:58:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:03:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:08:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:13:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:18:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:23:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:28:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:33:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:38:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:43:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:48:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:53:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	2:58:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:03:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:08:00	683.01

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:13:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:18:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:23:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:28:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:33:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:38:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:43:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:48:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:53:00	683.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	3:58:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:03:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:08:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:13:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:18:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:23:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:28:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:33:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:38:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:43:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:48:00	683.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:53:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	4:58:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:03:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:08:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:13:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:18:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:23:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:28:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:33:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:38:00	683.04
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:43:00	683.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:48:00	683
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:53:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	5:58:00	682.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:03:00	682.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:08:00	682.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:13:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:18:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:23:00	682.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:28:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:33:00	682.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:38:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:43:00	682.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:48:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:53:00	682.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	6:58:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:03:00	682.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:08:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:13:00	682.97

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:18:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:23:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:28:00	682.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:33:00	682.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:38:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:43:00	682.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:48:00	682.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:53:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	7:58:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:03:00	682.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:08:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:13:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:18:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:23:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:28:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:33:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:38:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:43:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:48:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:53:00	682.95
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	8:58:00	682.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:03:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:08:00	682.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:13:00	682.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:18:00	682.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:23:00	682.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:28:00	682.95
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:33:00	682.95
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:38:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:43:00	682.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:48:00	682.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:53:00	682.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	9:58:00	682.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:03:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:08:00	682.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:13:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:18:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:23:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:28:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:33:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:38:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:43:00	682.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:48:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:53:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	10:58:00	682.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:03:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:08:00	682.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:13:00	682.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:18:00	682.91

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:23:00	682.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:28:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:33:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:38:00	682.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:43:00	682.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:48:00	682.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:53:00	682.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	11:58:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:03:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:08:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:13:00	682.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:18:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:23:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:28:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:33:00	682.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:38:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:43:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:48:00	682.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:53:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	12:58:00	682.91
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:03:00	682.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:08:00	682.89
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:13:00	682.89
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:18:00	682.89
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:23:00	682.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:28:00	682.89
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:33:00	682.89
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:38:00	682.89
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:43:00	682.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:48:00	682.89
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:53:00	682.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	13:58:00	682.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:03:00	682.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:08:00	682.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:13:00	683.47
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:18:00	688.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:23:00	690.59
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:28:00	691.33
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:33:00	691.57
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:38:00	691.66
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:43:00	691.7
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:48:00	691.75
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:53:00	691.77
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	14:58:00	691.79
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:03:00	691.8
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:08:00	691.82
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:13:00	691.83
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:18:00	691.84
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:23:00	691.85

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:28:00	691.87
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:33:00	691.87
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:38:00	691.86
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:43:00	691.87
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:48:00	691.88
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:53:00	691.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	15:58:00	691.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:03:00	691.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:08:00	691.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:13:00	691.9
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:18:00	691.93
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:23:00	691.92
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:28:00	691.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:33:00	691.94
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:38:00	691.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:43:00	691.96
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:48:00	691.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:53:00	691.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	16:58:00	691.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:03:00	691.97
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:08:00	691.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:13:00	691.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:18:00	691.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:23:00	691.98
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:28:00	691.99
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:33:00	692
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:38:00	692
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:43:00	692.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:48:00	692.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:53:00	692.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	17:58:00	692.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:03:00	692.01
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:08:00	692.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:13:00	692.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:18:00	692.02
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:23:00	692.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:28:00	692.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:33:00	692.03
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:38:00	692.04
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:43:00	692.04
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:48:00	692.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:53:00	692.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	18:58:00	692.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:03:00	692.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:08:00	692.05
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:13:00	692.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:18:00	692.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:23:00	692.06
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:28:00	692.07

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:33:00	692.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:38:00	692.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:43:00	692.08
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:48:00	692.07
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:53:00	692.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	19:58:00	692.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:03:00	692.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:08:00	692.09
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:13:00	692.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:18:00	692.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:23:00	692.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:28:00	692.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:33:00	692.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:38:00	692.1
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:43:00	692.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:48:00	692.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:53:00	692.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	20:58:00	692.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:03:00	692.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:08:00	692.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:13:00	692.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:18:00	692.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:23:00	692.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:28:00	692.11
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:33:00	692.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:38:00	692.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:43:00	692.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:48:00	692.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:53:00	692.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	21:58:00	692.12
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:03:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:08:00	692.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:13:00	692.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:18:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:23:00	692.13
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:28:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:33:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:38:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:43:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:48:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:53:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	22:58:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:03:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:08:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:13:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:18:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:23:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:28:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:33:00	692.15

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:38:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:43:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:48:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:53:00	692.14
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/22/2019	23:58:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:03:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:08:00	692.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:13:00	692.15
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:18:00	692.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:23:00	692.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:28:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:33:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:38:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:43:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:48:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:53:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	0:58:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:03:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:08:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:13:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:18:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:23:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:28:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:33:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:38:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:43:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:48:00	692.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:53:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	1:58:00	692.16
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:03:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:08:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:13:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:18:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:23:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:28:00	692.17
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:33:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:38:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:43:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:48:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:53:00	692.18
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	2:58:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:03:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:08:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:13:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:18:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:23:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:28:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:33:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:38:00	692.2

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:43:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:48:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:53:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	3:58:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:03:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:08:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:13:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:18:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:23:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:28:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:33:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:38:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:43:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:48:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:53:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	4:58:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:03:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:08:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:13:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:18:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:23:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:28:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:33:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:38:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:43:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:48:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:53:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	5:58:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:03:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:08:00	692.19
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:13:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:18:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:23:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:28:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:33:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:38:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:43:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:48:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:53:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	6:58:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:03:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:08:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:13:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:18:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:23:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:28:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:33:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:38:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:43:00	692.22

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:48:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:53:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	7:58:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:03:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:08:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:13:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:18:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:23:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:28:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:33:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:38:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:43:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:48:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:53:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	8:58:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:03:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:08:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:13:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:18:00	692.2
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:23:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:28:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:33:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:38:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:43:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:48:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:53:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	9:58:00	692.21
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:03:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:08:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:13:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:18:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:23:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:28:00	692.23
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:33:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:38:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:43:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:48:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:53:00	692.22
TA-RW-3	RW-3	12804549.84	593456.23	682.35	5/23/2019	10:58:00	692.24
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:02:00	692.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:07:00	692.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:12:00	692.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:17:00	692.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:22:00	692.16
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:27:00	692.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:32:00	692.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:37:00	692.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:42:00	692.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:47:00	692.15

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:52:00	692.16
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	11:57:00	692.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:02:00	692.16
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:07:00	692.16
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:12:00	692.16
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:17:00	692.16
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:22:00	692.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:27:00	692.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:32:00	692.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:37:00	692.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:42:00	692.14
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:47:00	692.14
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:52:00	692.14
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	12:57:00	692.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:02:00	692.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:07:00	692.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:12:00	692.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:17:00	692.14
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:22:00	692.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:27:00	692.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:32:00	692.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:37:00	692.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:42:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:47:00	692.14
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:52:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	13:57:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:02:00	692.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:07:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:12:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:17:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:22:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:27:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:32:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:37:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:42:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:47:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:52:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	14:57:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:02:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:07:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:12:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:17:00	692.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:22:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:27:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:32:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:37:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:42:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:47:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:52:00	692.09

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	15:57:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:02:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:07:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:12:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:17:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:22:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:27:00	692.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:32:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:37:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:42:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:47:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:52:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	16:57:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:02:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:07:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:12:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:17:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:22:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:27:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:32:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:37:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:42:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:47:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:52:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	17:57:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:02:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:07:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:12:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:17:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:22:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:27:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:32:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:37:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:42:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:47:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:52:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	18:57:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:02:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:07:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:12:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:17:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:22:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:27:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:32:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:37:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:42:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:47:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:52:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	19:57:00	692.08

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:02:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:07:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:12:00	692.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:17:00	692.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:22:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:27:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:32:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:37:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:42:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:47:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:52:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	20:57:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:02:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:07:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:12:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:17:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:22:00	692.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:27:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:32:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:37:00	692.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:42:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:47:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:52:00	692.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	21:57:00	692.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:02:00	692.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:07:00	692.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:12:00	692.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:17:00	692.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:22:00	692.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:27:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:32:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:37:00	692.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:42:00	692.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:47:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:52:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	22:57:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:02:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:07:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:12:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:17:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:22:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:27:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:32:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:37:00	692.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:42:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:47:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:52:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/5/2019	23:57:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:02:00	692.03

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:07:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:12:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:17:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:22:00	692.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:27:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:32:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:37:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:42:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:47:00	692.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:52:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	0:57:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:02:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:07:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:12:00	692.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:17:00	692.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:22:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:27:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:32:00	692.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:37:00	692.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:42:00	692.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:47:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:52:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	1:57:00	692.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:02:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:07:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:12:00	692.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:17:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:22:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:27:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:32:00	692.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:37:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:42:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:47:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:52:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	2:57:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:02:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:07:00	692.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:12:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:17:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:22:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:27:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:32:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:37:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:42:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:47:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:52:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	3:57:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:02:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:07:00	692

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:12:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:17:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:22:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:27:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:32:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:37:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:42:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:47:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:52:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	4:57:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:02:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:07:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:12:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:17:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:22:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:27:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:32:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:37:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:42:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:47:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:52:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	5:57:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:02:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:07:00	692.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:12:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:17:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:22:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:27:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:32:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:37:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:42:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:47:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:52:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	6:57:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:02:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:07:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:12:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:17:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:22:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:27:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:32:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:37:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:42:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:47:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:52:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	7:57:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:02:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:07:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:12:00	691.97

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:17:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:22:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:27:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:32:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:37:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:42:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:47:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:52:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	8:57:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:02:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:07:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:12:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:17:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:22:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:27:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:32:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:37:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:42:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:47:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:52:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	9:57:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:02:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:07:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:12:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:17:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:22:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:27:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:32:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:37:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:42:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:47:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:52:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	10:57:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:02:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:07:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:12:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:17:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:22:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:27:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:32:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:37:00	691.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:42:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:47:00	691.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:52:00	692
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	11:57:00	691.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:02:00	689.33
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:07:00	687.55
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:12:00	686.4
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:17:00	685.52

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:22:00	684.83
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:27:00	684.28
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:32:00	683.83
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:37:00	683.24
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:42:00	682.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:47:00	682.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:52:00	682.46
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	12:57:00	682.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:02:00	681.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:07:00	681.84
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:12:00	681.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:17:00	681.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:22:00	681.52
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:27:00	681.4
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:32:00	681.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:37:00	681.19
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:42:00	681.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:47:00	681.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:52:00	680.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	13:57:00	680.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:02:00	680.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:07:00	680.66
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:12:00	680.6
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:17:00	680.54
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:22:00	680.48
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:27:00	680.42
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:32:00	680.36
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:37:00	680.3
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:42:00	680.25
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:47:00	680.19
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:52:00	680.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	14:57:00	680.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:02:00	680.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:07:00	680.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:12:00	679.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:17:00	679.9
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:22:00	679.87
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:27:00	679.83
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:32:00	679.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:37:00	679.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:42:00	679.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:47:00	679.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:52:00	679.66
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	15:57:00	679.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:02:00	679.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:07:00	679.41
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:12:00	679.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:17:00	679.46
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:22:00	679.44

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:27:00	679.42
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:32:00	679.39
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:37:00	679.36
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:42:00	679.33
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:47:00	679.3
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:52:00	679.28
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	16:57:00	679.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:02:00	679.18
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:07:00	679.19
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:12:00	679.18
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:17:00	679.18
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:22:00	679.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:27:00	679.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:32:00	679.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:37:00	679.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:42:00	679.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:47:00	679.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:52:00	678.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	17:57:00	678.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:02:00	678.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:07:00	678.9
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:12:00	678.87
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:17:00	678.84
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:22:00	678.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:27:00	678.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:32:00	678.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:37:00	678.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:42:00	678.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:47:00	678.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:52:00	678.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	18:57:00	678.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:02:00	678.64
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:07:00	678.61
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:12:00	678.6
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:17:00	678.56
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:22:00	678.55
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:27:00	678.53
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:32:00	678.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:37:00	678.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:42:00	678.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:47:00	678.45
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:52:00	678.43
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	19:57:00	678.42
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:02:00	678.38
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:07:00	678.37
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:12:00	678.35
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:17:00	678.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:22:00	678.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:27:00	678.3

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:32:00	678.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:37:00	678.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:42:00	678.26
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:47:00	678.25
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:52:00	678.24
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	20:57:00	678.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:02:00	678.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:07:00	678.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:12:00	678.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:17:00	678.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:22:00	678.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:27:00	678.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:32:00	678.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:37:00	678.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:42:00	678.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:47:00	678.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:52:00	678.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	21:57:00	677.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:02:00	677.84
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:07:00	677.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:12:00	677.9
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:17:00	677.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:22:00	677.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:27:00	677.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:32:00	677.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:37:00	677.84
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:42:00	677.84
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:47:00	677.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:52:00	677.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	22:57:00	677.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:02:00	677.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:07:00	677.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:12:00	677.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:17:00	677.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:22:00	677.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:27:00	677.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:32:00	677.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:37:00	677.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:42:00	677.66
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:47:00	677.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:52:00	677.54
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/6/2019	23:57:00	677.57
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:02:00	677.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:07:00	677.57
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:12:00	677.57
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:17:00	677.57
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:22:00	677.56
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:27:00	677.56
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:32:00	677.54

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:37:00	677.54
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:42:00	677.51
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:47:00	677.51
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:52:00	677.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	0:57:00	677.41
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:02:00	677.42
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:07:00	677.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:12:00	677.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:17:00	677.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:22:00	677.42
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:27:00	677.41
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:32:00	677.4
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:37:00	677.39
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:42:00	677.4
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:47:00	677.38
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:52:00	677.37
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	1:57:00	677.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:02:00	677.26
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:07:00	677.28
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:12:00	677.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:17:00	677.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:22:00	677.28
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:27:00	677.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:32:00	677.26
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:37:00	677.26
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:42:00	677.25
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:47:00	677.24
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:52:00	677.23
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	2:57:00	677.22
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:02:00	677.21
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:07:00	677.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:12:00	677.19
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:17:00	677.18
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:22:00	677.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:27:00	677.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:32:00	677.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:37:00	677.14
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:42:00	677.14
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:47:00	677.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:52:00	677.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	3:57:00	681.18
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:02:00	684.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:07:00	686.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:12:00	688.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:17:00	689.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:22:00	689.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:27:00	686.38
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:32:00	683.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:37:00	681.27

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:42:00	679.9
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:47:00	679.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:52:00	678.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	4:57:00	678.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:02:00	678.6
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:07:00	678.18
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:12:00	678.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:17:00	677.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:22:00	677.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:27:00	677.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:32:00	677.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:37:00	677.6
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:42:00	677.54
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:47:00	677.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:52:00	677.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	5:57:00	677.4
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:02:00	677.36
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:07:00	677.23
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:12:00	677.23
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:17:00	677.21
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:22:00	677.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:27:00	677.18
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:32:00	677.16
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:37:00	677.14
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:42:00	677.12
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:47:00	677.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:52:00	677
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	6:57:00	676.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:02:00	676.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:07:00	676.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:12:00	676.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:17:00	676.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:22:00	676.94
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:27:00	676.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:32:00	676.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:37:00	676.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:42:00	676.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:47:00	676.9
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:52:00	676.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	7:57:00	676.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:02:00	676.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:07:00	676.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:12:00	676.84
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:17:00	676.83
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:22:00	676.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:27:00	676.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:32:00	676.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:37:00	676.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:42:00	676.76

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:47:00	676.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:52:00	676.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	8:57:00	676.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:02:00	676.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:07:00	676.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:12:00	676.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:17:00	676.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:22:00	676.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:27:00	676.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:32:00	676.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:37:00	676.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:42:00	676.6
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:47:00	676.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:52:00	676.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	9:57:00	676.56
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:02:00	676.55
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:07:00	676.52
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:12:00	676.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:17:00	676.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:22:00	676.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:27:00	676.48
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:32:00	676.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:37:00	676.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:42:00	676.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:47:00	676.43
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:52:00	676.42
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	10:57:00	676.41
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:02:00	676.39
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:07:00	676.38
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:12:00	676.37
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:17:00	676.36
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:22:00	676.35
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:27:00	676.33
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:32:00	676.32
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:37:00	676.31
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:42:00	676.3
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:47:00	676.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:52:00	676.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	11:57:00	676.28
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:02:00	676.26
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:07:00	676.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:12:00	676.28
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:17:00	676.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:22:00	676.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:27:00	676.26
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:32:00	676.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:37:00	676.26
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:42:00	676.24
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:47:00	676.24

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:52:00	676.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	12:57:00	676.16
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:02:00	676.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:07:00	676.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:12:00	676.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:17:00	676.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:22:00	676.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:27:00	676.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:32:00	676.19
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:37:00	676.19
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:42:00	676.19
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:47:00	676.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:52:00	676.16
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	13:57:00	676.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:02:00	676.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:07:00	676.14
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:12:00	676.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:17:00	676.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:22:00	676.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:27:00	676.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:32:00	676.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:37:00	676.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:42:00	676.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:47:00	676.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:52:00	676.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	14:57:00	676.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:02:00	676.09
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:07:00	676.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:12:00	676.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:17:00	676.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:22:00	676.07
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:27:00	676.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:32:00	676.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:37:00	676.05
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:42:00	676.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:47:00	676.04
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:52:00	676.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	15:57:00	676.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:02:00	676.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:07:00	676.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:12:00	676.02
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:17:00	676.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:22:00	676.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:27:00	676
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:32:00	675.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:37:00	675.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:42:00	675.98
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:47:00	675.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:52:00	675.96

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	16:57:00	675.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:02:00	675.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:07:00	675.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:12:00	675.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:17:00	675.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:22:00	675.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:27:00	675.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:32:00	675.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:37:00	675.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:42:00	675.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:47:00	675.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:52:00	675.87
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	17:57:00	675.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:02:00	675.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:07:00	675.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:12:00	675.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:17:00	675.87
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:22:00	675.87
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:27:00	675.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:32:00	675.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:37:00	675.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:42:00	675.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:47:00	675.84
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:52:00	675.84
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	18:57:00	675.83
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:02:00	675.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:07:00	675.83
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:12:00	675.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:17:00	675.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:22:00	675.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:27:00	675.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:32:00	675.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:37:00	675.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:42:00	675.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:47:00	675.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:52:00	675.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	19:57:00	675.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:02:00	675.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:07:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:12:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:17:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:22:00	675.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:27:00	675.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:32:00	675.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:37:00	675.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:42:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:47:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:52:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	20:57:00	675.73

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:02:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:07:00	675.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:12:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:17:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:22:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:27:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:32:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:37:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:42:00	675.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:47:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:52:00	675.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	21:57:00	675.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:02:00	675.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:07:00	675.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:12:00	675.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:17:00	675.6
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:22:00	675.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:27:00	675.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:32:00	675.57
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:37:00	675.57
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:42:00	675.56
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:47:00	675.55
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:52:00	675.54
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	22:57:00	675.54
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:02:00	675.53
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:07:00	675.45
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:12:00	675.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:17:00	675.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:22:00	675.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:27:00	675.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:32:00	675.48
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:37:00	675.48
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:42:00	675.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:47:00	675.48
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:52:00	675.52
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/7/2019	23:57:00	675.54
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:02:00	675.53
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:07:00	675.51
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:12:00	675.51
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:17:00	675.51
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:22:00	675.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:27:00	675.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:32:00	675.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:37:00	675.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:42:00	675.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:47:00	675.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:52:00	675.48
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	0:57:00	675.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:02:00	675.42

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:07:00	675.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:12:00	675.45
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:17:00	675.45
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:22:00	675.45
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:27:00	675.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:32:00	675.45
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:37:00	675.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:42:00	675.45
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:47:00	675.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:52:00	675.43
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	1:57:00	675.43
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:02:00	675.43
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:07:00	675.39
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:12:00	675.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:17:00	675.31
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:22:00	675.32
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:27:00	675.32
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:32:00	675.31
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:37:00	675.3
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:42:00	675.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:47:00	675.3
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:52:00	675.3
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	2:57:00	675.01
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:02:00	675.34
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:07:00	675.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:12:00	675.6
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:17:00	675.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:22:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:27:00	675.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:32:00	675.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:37:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:42:00	675.43
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:47:00	675.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:52:00	675.6
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	3:57:00	675.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:02:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:07:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:12:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:17:00	675.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:22:00	675.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:27:00	675.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:32:00	675.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:37:00	675.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:42:00	675.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:47:00	675.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:52:00	675.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	4:57:00	675.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:02:00	675.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:07:00	675.8

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:12:00	675.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:17:00	675.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:22:00	675.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:27:00	675.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:32:00	675.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:37:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:42:00	675.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:47:00	675.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:52:00	675.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	5:57:00	675.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:02:00	675.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:07:00	675.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:12:00	675.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:17:00	675.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:22:00	675.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:27:00	675.61
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:32:00	675.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:37:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:42:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:47:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:52:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	6:57:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:02:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:07:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:12:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:17:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:22:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:27:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:32:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:37:00	675.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:42:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:47:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:52:00	675.57
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	7:57:00	675.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:02:00	675.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:07:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:12:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:17:00	675.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:22:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:27:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:32:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:37:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:42:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:47:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:52:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	8:57:00	675.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:02:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:07:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:12:00	675.72

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:17:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:22:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:27:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:32:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:37:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:42:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:47:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:52:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	9:57:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:02:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:07:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:12:00	675.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:17:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:22:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:27:00	675.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:32:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:37:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:42:00	675.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:47:00	675.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:52:00	675.64
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	10:57:00	675.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:02:00	675.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:07:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:12:00	675.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:17:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:22:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:27:00	675.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:32:00	675.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:37:00	675.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:42:00	675.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:47:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:52:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	11:57:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:02:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:07:00	675.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:12:00	675.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:17:00	680.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:22:00	683.52
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:27:00	685.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:32:00	686.33
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:37:00	687.3
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:42:00	688.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:47:00	688.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:52:00	689.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	12:57:00	689.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:02:00	689.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:07:00	689.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:12:00	690.11
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:17:00	690.25

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:22:00	690.36
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:27:00	690.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:32:00	690.51
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:37:00	690.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:42:00	690.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:47:00	690.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:52:00	690.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	13:57:00	690.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:02:00	690.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:07:00	690.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:12:00	690.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:17:00	690.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:22:00	690.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:27:00	690.97
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:32:00	690.99
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:37:00	691.03
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:42:00	691.06
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:47:00	691.08
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:52:00	691.1
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	14:57:00	691.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:02:00	691.13
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:07:00	691.15
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:12:00	691.17
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:17:00	691.2
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:22:00	691.21
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:27:00	691.23
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:32:00	691.24
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:37:00	691.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:42:00	691.28
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:47:00	691.3
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:52:00	691.24
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	15:57:00	691.25
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:02:00	691.26
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:07:00	691.27
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:12:00	691.29
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:17:00	691.31
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:22:00	691.32
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:27:00	691.33
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:32:00	691.34
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:37:00	691.33
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:42:00	691.34
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:47:00	691.36
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:52:00	691.37
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	16:57:00	691.37
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:02:00	691.4
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:07:00	691.39
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:12:00	691.4
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:17:00	691.41
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:22:00	691.42

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:27:00	691.43
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:32:00	691.45
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:37:00	691.44
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:42:00	691.45
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:47:00	691.46
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:52:00	691.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	17:57:00	691.46
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:02:00	691.47
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:07:00	691.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:12:00	691.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:17:00	691.49
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:22:00	691.48
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:27:00	691.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:32:00	691.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:37:00	691.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:42:00	691.51
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:47:00	691.5
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:52:00	691.52
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	18:57:00	691.51
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:02:00	691.52
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:07:00	691.52
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:12:00	691.51
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:17:00	691.52
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:22:00	691.52
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:27:00	691.53
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:32:00	691.54
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:37:00	691.55
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:42:00	691.55
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:47:00	691.54
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:52:00	691.56
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	19:57:00	691.55
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:02:00	691.55
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:07:00	691.57
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:12:00	691.56
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:17:00	691.56
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:22:00	691.56
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:27:00	691.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:32:00	691.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:37:00	691.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:42:00	691.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:47:00	691.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:52:00	691.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	20:57:00	691.57
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:02:00	691.58
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:07:00	691.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:12:00	691.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:17:00	691.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:22:00	691.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:27:00	691.61

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:32:00	691.61
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:37:00	691.61
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:42:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:47:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:52:00	691.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	21:57:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:02:00	691.61
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:07:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:12:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:17:00	691.59
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:22:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:27:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:32:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:37:00	691.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:42:00	691.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:47:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:52:00	691.64
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	22:57:00	691.64
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:02:00	691.64
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:07:00	691.64
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:12:00	691.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:17:00	691.62
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:22:00	691.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:27:00	691.63
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:32:00	691.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:37:00	691.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:42:00	691.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:47:00	691.66
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:52:00	691.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/8/2019	23:57:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:02:00	691.66
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:07:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:12:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:17:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:22:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:27:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:32:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:37:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:42:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:47:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:52:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	0:57:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:07:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:12:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:17:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:22:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:27:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:32:00	691.69

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:37:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:42:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:47:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:52:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	1:57:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:07:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:12:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:17:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:22:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:27:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:32:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:37:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:42:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:47:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:52:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	2:57:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:07:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:12:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:17:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:22:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:27:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:32:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:37:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:42:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:47:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:52:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	3:57:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:07:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:12:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:17:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:22:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:27:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:32:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:37:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:42:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:47:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:52:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	4:57:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:07:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:12:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:17:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:22:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:27:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:32:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:37:00	691.74

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:42:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:47:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:52:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	5:57:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:07:00	691.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:12:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:17:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:22:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:27:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:32:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:37:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:42:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:47:00	691.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:52:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	6:57:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:02:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:07:00	691.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:12:00	691.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:17:00	691.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:22:00	691.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:27:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:32:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:37:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:42:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:47:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:52:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	7:57:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:02:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:07:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:12:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:17:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:22:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:27:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:32:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:37:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:42:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:47:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:52:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	8:57:00	691.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:02:00	691.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:07:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:12:00	691.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:17:00	691.87
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:22:00	691.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:27:00	691.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:32:00	691.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:37:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:42:00	691.86

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:47:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:52:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	9:57:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:02:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:07:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:12:00	691.87
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:17:00	691.87
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:22:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:27:00	691.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:32:00	691.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:37:00	691.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:42:00	691.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:47:00	691.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:52:00	691.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/9/2019	10:57:00	691.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	0:02:00	691.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	1:02:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	2:02:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	3:02:00	691.96
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	4:02:00	691.94
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	5:02:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	6:02:00	691.94
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	7:02:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	8:02:00	691.94
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	9:02:00	691.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	10:02:00	691.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	11:02:00	691.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	12:02:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	13:02:00	691.94
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	14:02:00	691.94
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	15:02:00	691.94
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	16:02:00	691.94
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	17:02:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	18:02:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	19:02:00	691.95
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	20:02:00	691.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	21:02:00	691.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	22:02:00	691.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/12/2019	23:02:00	691.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	0:02:00	691.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	1:02:00	691.91
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	2:02:00	691.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	3:02:00	691.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	4:02:00	691.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	5:02:00	691.93
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	6:02:00	691.92
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	7:02:00	691.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	8:02:00	691.9
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	9:02:00	691.89

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	10:02:00	691.9
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	11:02:00	691.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	12:02:00	691.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	13:02:00	691.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	14:02:00	691.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	15:02:00	691.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	16:02:00	691.89
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	17:02:00	691.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	18:02:00	691.88
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	19:02:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	20:02:00	691.87
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	21:02:00	691.86
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	22:02:00	691.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/13/2019	23:02:00	691.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	0:02:00	691.84
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	1:02:00	691.83
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	2:02:00	691.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	3:02:00	691.83
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	4:02:00	691.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	5:02:00	691.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	6:02:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	7:02:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	8:02:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	9:02:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	10:02:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	11:02:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	12:02:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	13:02:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	14:02:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	15:02:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	16:02:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	17:02:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	18:02:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	19:02:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	20:02:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	21:02:00	691.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	22:02:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/14/2019	23:02:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	0:02:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	1:02:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	2:02:00	691.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	3:02:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	4:02:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	5:02:00	691.77
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	6:02:00	691.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	7:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	8:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	9:02:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	10:02:00	691.75

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	11:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	12:02:00	691.76
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	13:02:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	14:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	15:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	16:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	17:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	18:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	19:02:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	20:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	21:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	22:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/15/2019	23:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	0:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	1:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	2:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	3:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	4:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	5:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	6:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	7:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	8:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	9:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	10:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	11:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	12:02:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	13:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	14:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	15:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	16:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	17:02:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	18:02:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	19:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	20:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	21:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/16/2019	22:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	0:02:00	691.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	1:02:00	691.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	2:02:00	691.82
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	3:02:00	691.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	4:02:00	691.8
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	5:02:00	691.81
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	6:02:00	691.79
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	7:02:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	8:02:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	9:02:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	10:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	11:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	12:02:00	691.75

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	13:02:00	691.75
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	14:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	15:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	16:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	17:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	18:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	19:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	20:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	21:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	22:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/20/2019	23:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	0:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	1:02:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	2:02:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	3:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	4:02:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	5:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	6:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	7:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	8:02:00	691.66
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	9:02:00	691.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	10:02:00	691.66
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	11:02:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	12:02:00	691.66
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	13:02:00	691.66
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	14:02:00	691.64
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	15:02:00	691.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	16:02:00	691.65
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	17:02:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	18:02:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	19:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	20:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	21:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	22:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/21/2019	23:02:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	0:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	1:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	2:02:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	3:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	4:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	5:02:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	6:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	7:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	8:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	9:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	10:02:00	691.67
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	11:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	12:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	13:02:00	691.69

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	14:02:00	691.68
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	15:02:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	16:02:00	691.69
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	17:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	18:02:00	691.71
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	19:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	20:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	21:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	22:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/22/2019	23:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	0:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	1:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	2:02:00	691.7
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	3:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	4:02:00	691.72
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	5:02:00	691.74
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	6:02:00	691.73
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	7:02:00	691.78
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	8:02:00	691.85
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	9:02:00	691.9
TA-RW-1	RW-1	12804416.41	593828.75	675.35	5/23/2019	10:02:00	691.93
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	11:00:00	692.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	12:00:00	692.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	13:00:00	692.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	14:00:00	692.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	15:00:00	692.25
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	16:00:00	692.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	17:00:00	692.22
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	18:00:00	692.18
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	19:00:00	692.17
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	20:00:00	692.17
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	21:00:00	692.13
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	22:00:00	692.11
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/5/2019	23:00:00	692.1
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	0:00:00	692.08
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	1:00:00	692.07
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	2:00:00	692.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	3:00:00	692.04
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	4:00:00	692.02
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	5:00:00	692.01
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	6:00:00	692.01
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	7:00:00	691.99
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	8:00:00	691.96
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	9:00:00	691.95
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	10:00:00	691.95
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	11:00:00	691.95
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	12:00:00	691.96
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	13:00:00	691.99
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	14:00:00	691.99

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	15:00:00	692.01
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	16:00:00	692.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	17:00:00	692.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	18:00:00	692.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	19:00:00	692.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	20:00:00	692.03
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	21:00:00	692.02
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	22:00:00	691.97
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/6/2019	23:00:00	691.96
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	0:00:00	691.96
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	1:00:00	691.94
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	2:00:00	691.93
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	3:00:00	691.9
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	4:00:00	691.91
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	5:00:00	691.9
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	6:00:00	691.88
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	7:00:00	691.87
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	8:00:00	691.86
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	9:00:00	691.84
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	10:00:00	691.81
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	11:00:00	691.79
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	12:00:00	691.79
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	13:00:00	691.79
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	14:00:00	691.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	15:00:00	691.78
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	16:00:00	691.76
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	17:00:00	691.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	18:00:00	691.75
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	19:00:00	691.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	20:00:00	691.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	21:00:00	691.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	22:00:00	691.72
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/7/2019	23:00:00	691.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	0:00:00	691.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	1:00:00	691.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	2:00:00	691.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	3:00:00	691.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	4:00:00	691.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	5:00:00	691.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	6:00:00	691.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	7:00:00	691.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	8:00:00	691.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	9:00:00	691.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	10:00:00	691.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	11:00:00	691.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	12:00:00	691.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	13:00:00	691.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	14:00:00	691.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	15:00:00	691.68

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	16:00:00	691.7
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	17:00:00	691.73
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	18:00:00	691.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	19:00:00	691.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	20:00:00	691.75
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	21:00:00	691.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	22:00:00	691.72
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/8/2019	23:00:00	691.73
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	0:00:00	691.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	1:00:00	691.75
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	2:00:00	691.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	3:00:00	691.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	4:00:00	691.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	5:00:00	691.73
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	6:00:00	691.79
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	7:00:00	691.9
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	8:00:00	691.97
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	9:00:00	692.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	10:00:00	692.23
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/9/2019	11:00:00	692.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	12:25:00	691.63
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	12:30:00	691.63
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	12:35:00	688.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	12:40:00	688.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	12:45:00	688.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	12:50:00	686.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	12:55:00	685.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:00:00	684.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:05:00	684.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:10:00	684.21
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:15:00	683.94
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:20:00	683.78
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:25:00	681.63
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:30:00	679.89
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:35:00	680.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:40:00	680.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:45:00	680.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:50:00	680.54
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	13:55:00	680.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:00:00	680.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:05:00	680.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:10:00	680.55
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:15:00	680.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:20:00	680.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:25:00	680.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:30:00	680.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:35:00	680.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:40:00	680.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:45:00	680.41

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:50:00	680.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	14:55:00	680.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:00:00	680.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:05:00	680.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:10:00	680.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:15:00	680.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:20:00	680.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:25:00	680.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:30:00	680.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:35:00	680.25
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:40:00	680.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:45:00	680.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:50:00	680.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	15:55:00	680.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:00:00	680.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:05:00	680.19
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:10:00	680.16
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:15:00	680.12
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:20:00	680.09
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:25:00	680.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:30:00	680.04
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:35:00	680.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:40:00	680.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:45:00	680.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:50:00	680.09
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	16:55:00	680.09
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:00:00	680.08
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:05:00	680.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:10:00	680.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:15:00	680.03
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:20:00	680.03
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:25:00	680.02
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:30:00	680.01
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:35:00	679.97
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:40:00	679.95
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:45:00	679.93
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:50:00	679.91
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	17:55:00	679.89
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:00:00	679.89
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:05:00	679.88
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:10:00	679.88
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:15:00	679.87
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:20:00	679.84
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:25:00	679.84
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:30:00	679.83
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:35:00	679.81
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:40:00	679.81
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:45:00	679.78
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:50:00	679.78

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	18:55:00	679.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:00:00	679.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:05:00	679.75
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:10:00	679.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:15:00	679.73
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:20:00	679.72
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:25:00	679.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:30:00	679.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:35:00	679.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:40:00	679.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:45:00	679.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:50:00	679.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	19:55:00	679.65
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:00:00	679.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:05:00	679.62
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:10:00	679.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:15:00	679.6
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:20:00	679.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:25:00	679.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:30:00	679.54
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:35:00	679.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:40:00	679.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:45:00	679.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:50:00	679.48
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	20:55:00	679.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:00:00	679.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:05:00	679.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:10:00	679.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:15:00	679.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:20:00	679.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:25:00	679.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:30:00	679.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:35:00	679.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:40:00	679.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:45:00	679.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:50:00	679.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	21:55:00	679.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:00:00	679.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:05:00	679.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:10:00	679.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:15:00	679.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:20:00	679.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:25:00	679.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:30:00	679.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:35:00	679.26
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:40:00	679.25
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:45:00	679.25
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:50:00	679.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	22:55:00	679.24

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:00:00	679.22
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:05:00	679.22
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:10:00	679.22
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:15:00	679.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:20:00	679.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:25:00	679.19
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:30:00	679.17
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:35:00	679.17
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:40:00	679.16
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:45:00	679.16
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:50:00	679.15
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/13/2019	23:55:00	679.14
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:00:00	679.14
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:05:00	679.14
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:10:00	679.12
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:15:00	679.11
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:20:00	679.1
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:25:00	679.1
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:30:00	679.09
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:35:00	679.09
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:40:00	679.08
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:45:00	679.07
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:50:00	679.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	0:55:00	679.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:00:00	679.04
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:05:00	679.04
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:10:00	679.03
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:15:00	679.03
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:20:00	679.02
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:25:00	679.01
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:30:00	678.99
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:35:00	678.99
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:40:00	678.99
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:45:00	678.98
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:50:00	678.98
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	1:55:00	678.95
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:00:00	678.94
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:05:00	678.94
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:10:00	678.94
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:15:00	678.93
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:20:00	678.91
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:25:00	678.91
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:30:00	678.91
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:35:00	678.89
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:40:00	678.9
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:45:00	678.89
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:50:00	678.89
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	2:55:00	678.88
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:00:00	678.86

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:05:00	678.86
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:10:00	678.85
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:15:00	678.84
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:20:00	678.84
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:25:00	678.83
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:30:00	678.82
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:35:00	678.8
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:40:00	678.8
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:45:00	678.8
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:50:00	678.79
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	3:55:00	678.78
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:00:00	678.78
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:05:00	678.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:10:00	678.75
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:15:00	678.75
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:20:00	678.75
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:25:00	678.73
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:30:00	678.73
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:35:00	678.72
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:40:00	678.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:45:00	678.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:50:00	678.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	4:55:00	678.7
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:00:00	678.7
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:05:00	678.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:10:00	678.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:15:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:20:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:25:00	678.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:30:00	678.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:35:00	678.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:40:00	678.65
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:45:00	678.65
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:50:00	678.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	5:55:00	678.62
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:00:00	678.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:05:00	678.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:10:00	678.59
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:15:00	678.58
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:20:00	678.59
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:25:00	678.58
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:30:00	678.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:35:00	678.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:40:00	678.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:45:00	678.55
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:50:00	678.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	6:55:00	678.54
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:00:00	678.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:05:00	678.56

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:10:00	678.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:15:00	678.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:20:00	678.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:25:00	678.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:30:00	678.58
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:35:00	678.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:40:00	678.59
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:45:00	678.59
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:50:00	678.59
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	7:55:00	678.59
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:00:00	678.59
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:05:00	678.6
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:10:00	678.6
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:15:00	678.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:20:00	678.62
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:25:00	678.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:30:00	678.62
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:35:00	678.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:40:00	678.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:45:00	678.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:50:00	678.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	8:55:00	678.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:00:00	678.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:05:00	678.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:10:00	678.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:15:00	678.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:20:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:25:00	678.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:30:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:35:00	678.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:40:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:45:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:50:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	9:55:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:00:00	678.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:05:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:10:00	678.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:15:00	678.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:20:00	678.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:25:00	678.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:30:00	678.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:35:00	678.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:40:00	678.65
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:45:00	678.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:50:00	678.63
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	10:55:00	678.63
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:00:00	678.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:05:00	678.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:10:00	678.61

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:15:00	678.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:20:00	678.6
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:25:00	678.58
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:30:00	678.58
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:35:00	678.58
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:40:00	678.58
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:45:00	678.55
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:50:00	678.55
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	11:55:00	678.55
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:00:00	678.55
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:05:00	678.54
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:10:00	678.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:15:00	678.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:20:00	678.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:25:00	678.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:30:00	678.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:35:00	678.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:40:00	678.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:45:00	678.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:50:00	678.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	12:55:00	678.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:00:00	678.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:05:00	678.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:10:00	678.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:15:00	678.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:20:00	678.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:25:00	678.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:30:00	678.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:35:00	678.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:40:00	678.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:45:00	678.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:50:00	678.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	13:55:00	678.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:00:00	678.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:05:00	678.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:10:00	678.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:15:00	678.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:20:00	678.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:25:00	678.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:30:00	678.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:35:00	678.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:40:00	678.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:45:00	678.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:50:00	678.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	14:55:00	678.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:00:00	678.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:05:00	678.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:10:00	678.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:15:00	678.27

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:20:00	678.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:25:00	678.26
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:30:00	678.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:35:00	678.26
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:40:00	678.23
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:45:00	678.23
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:50:00	678.23
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	15:55:00	678.22
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:00:00	678.22
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:05:00	678.21
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:10:00	678.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:15:00	678.19
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:20:00	678.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:25:00	678.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:30:00	678.19
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:35:00	678.18
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:40:00	678.17
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:45:00	678.17
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:50:00	678.16
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	16:55:00	678.15
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:00:00	678.15
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:05:00	678.15
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:10:00	678.13
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:15:00	678.14
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:20:00	678.14
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:25:00	678.12
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:30:00	678.12
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:35:00	678.12
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:40:00	678.11
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:45:00	678.11
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:50:00	678.1
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	17:55:00	678.11
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:00:00	678.1
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:05:00	678.1
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:10:00	678.09
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:15:00	678.09
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:20:00	678.08
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:25:00	678.08
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:30:00	678.07
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:35:00	678.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:40:00	678.07
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:45:00	678.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:50:00	678.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	18:55:00	678.06
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:00:00	678.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:05:00	678.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:10:00	678.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:15:00	678.04
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:20:00	678.05

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:25:00	678.03
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:30:00	678.04
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:35:00	678.02
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:40:00	678.02
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:45:00	678.01
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:50:00	678.01
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	19:55:00	678
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:00:00	678
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:05:00	678
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:10:00	677.99
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:15:00	677.98
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:20:00	677.98
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:25:00	677.96
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:30:00	677.95
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:35:00	677.94
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:40:00	677.95
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:45:00	677.94
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:50:00	677.93
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	20:55:00	677.92
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:00:00	677.9
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:05:00	677.91
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:10:00	677.9
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:15:00	677.89
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:20:00	677.88
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:25:00	677.88
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:30:00	677.88
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:35:00	677.87
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:40:00	677.86
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:45:00	677.85
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:50:00	677.85
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	21:55:00	677.84
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:00:00	677.83
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:05:00	677.83
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:10:00	677.83
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:15:00	677.83
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:20:00	677.82
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:25:00	677.81
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:30:00	677.8
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:35:00	677.8
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:40:00	677.79
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:45:00	677.78
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:50:00	677.78
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	22:55:00	677.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:00:00	677.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:05:00	677.77
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:10:00	677.76
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:15:00	677.76
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:20:00	677.75
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:25:00	677.75

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:30:00	677.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:35:00	677.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:40:00	677.73
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:45:00	677.74
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:50:00	677.72
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/14/2019	23:55:00	677.72
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:00:00	677.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:05:00	677.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:10:00	677.7
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:15:00	677.7
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:20:00	677.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:25:00	677.69
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:30:00	677.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:35:00	677.68
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:40:00	677.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:45:00	677.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:50:00	677.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	0:55:00	677.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:00:00	677.66
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:05:00	677.65
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:10:00	677.65
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:15:00	677.65
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:20:00	677.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:25:00	677.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:30:00	677.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:35:00	677.63
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:40:00	677.62
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:45:00	677.62
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:50:00	677.62
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	1:55:00	677.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:00:00	677.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:05:00	677.6
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:10:00	677.59
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:15:00	677.59
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:20:00	677.58
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:25:00	677.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:30:00	677.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:35:00	677.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:40:00	677.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:45:00	677.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:50:00	677.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	2:55:00	677.55
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:00:00	677.54
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:05:00	677.54
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:10:00	677.54
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:15:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:20:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:25:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:30:00	677.52

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:35:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:40:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:45:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:50:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	3:55:00	677.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:00:00	677.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:05:00	677.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:10:00	677.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:15:00	677.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:20:00	677.48
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:25:00	677.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:30:00	677.48
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:35:00	677.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:40:00	677.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:45:00	677.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:50:00	677.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	4:55:00	677.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:00:00	677.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:05:00	677.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:10:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:15:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:20:00	677.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:25:00	677.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:30:00	677.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:35:00	677.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:40:00	677.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:45:00	677.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:50:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	5:55:00	677.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:00:00	677.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:05:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:10:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:15:00	677.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:20:00	677.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:25:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:30:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:35:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:40:00	677.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:45:00	677.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:50:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	6:55:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:00:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:05:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:10:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:15:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:20:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:25:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:30:00	677.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:35:00	677.39

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:40:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:45:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:50:00	677.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	7:55:00	677.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:00:00	677.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:05:00	677.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:10:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:15:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:20:00	677.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:25:00	677.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:30:00	677.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:35:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:40:00	677.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:45:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:50:00	677.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	8:55:00	677.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:00:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:05:00	677.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:10:00	677.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:15:00	677.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:20:00	677.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:25:00	677.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:30:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:35:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:40:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:45:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:50:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	9:55:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:00:00	677.54
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:05:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:10:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:15:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:20:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:25:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:30:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:35:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:40:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:45:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:50:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	10:55:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:00:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:05:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:10:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:15:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:20:00	677.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:25:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:30:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:35:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:40:00	677.51

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:45:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:50:00	677.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	11:55:00	677.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:00:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:05:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:10:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:15:00	677.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:20:00	677.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:25:00	677.51
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:30:00	677.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:35:00	677.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:40:00	677.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:45:00	677.48
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:50:00	677.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	12:55:00	677.48
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:00:00	677.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:05:00	677.49
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:10:00	677.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:15:00	677.48
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:20:00	677.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:25:00	677.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:30:00	677.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:35:00	677.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:40:00	677.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:45:00	677.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:50:00	677.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	13:55:00	677.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:00:00	677.47
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:05:00	677.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:10:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:15:00	677.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:20:00	677.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:25:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:30:00	677.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:35:00	677.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:40:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:45:00	677.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:50:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	14:55:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:00:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:05:00	677.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:10:00	677.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:15:00	677.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:20:00	677.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:25:00	677.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:30:00	677.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:35:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:40:00	677.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:45:00	676.8

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:50:00	677.12
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	15:55:00	677.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:00:00	677.83
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:05:00	678.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:10:00	678.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:15:00	678.93
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:20:00	679.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:25:00	679.7
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:30:00	680.12
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:35:00	680.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:40:00	681.03
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:45:00	681.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:50:00	682.07
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	16:55:00	682.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:00:00	683.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:05:00	683.75
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:10:00	684.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:15:00	684.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:20:00	685.03
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:25:00	685.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:30:00	685.7
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:35:00	686.04
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:40:00	686.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:45:00	686.78
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:50:00	687.14
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	17:55:00	687.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:00:00	687.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:05:00	687.88
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:10:00	688.12
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:15:00	688.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:20:00	688.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:25:00	688.71
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:30:00	688.9
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:35:00	689.07
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:40:00	689.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:45:00	689.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:50:00	689.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	18:55:00	689.76
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:00:00	689.91
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:05:00	690.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:10:00	690.17
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:15:00	690.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:20:00	690.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:25:00	690.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:30:00	690.54
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:35:00	690.6
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:40:00	690.67
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:45:00	690.72
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:50:00	690.77

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	19:55:00	690.82
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:00:00	690.86
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:05:00	690.89
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:10:00	690.92
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:15:00	690.95
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:20:00	690.97
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:25:00	691
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:30:00	691.01
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:35:00	691.03
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:40:00	691.05
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:45:00	691.07
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:50:00	691.09
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	20:55:00	691.1
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:00:00	691.11
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:05:00	691.12
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:10:00	691.13
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:15:00	691.13
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:20:00	691.13
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:25:00	691.16
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:30:00	691.16
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:35:00	691.17
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:40:00	691.18
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:45:00	691.19
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:50:00	691.19
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	21:55:00	691.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:00:00	691.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:05:00	691.21
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:10:00	691.2
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:15:00	691.21
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:20:00	691.21
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:25:00	691.22
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:30:00	691.22
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:35:00	691.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:40:00	691.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:45:00	691.23
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:50:00	691.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	22:55:00	691.23
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:00:00	691.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:05:00	691.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:10:00	691.24
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:15:00	691.25
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:20:00	691.25
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:25:00	691.25
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:30:00	691.26
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:35:00	691.26
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:40:00	691.26
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:45:00	691.26
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:50:00	691.26
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/15/2019	23:55:00	691.26

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:00:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:05:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:10:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:15:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:20:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:25:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:30:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:35:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:40:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:45:00	691.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:50:00	691.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	0:55:00	691.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:00:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:05:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:10:00	691.27
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:15:00	691.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:20:00	691.28
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:25:00	691.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:30:00	691.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:35:00	691.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:40:00	691.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:45:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:50:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	1:55:00	691.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:00:00	691.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:05:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:10:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:15:00	691.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:20:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:25:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:30:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:35:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:40:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:45:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:50:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	2:55:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:00:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:05:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:10:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:15:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:20:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:25:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:30:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:35:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:40:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:45:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:50:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	3:55:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:00:00	691.3

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:05:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:10:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:15:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:20:00	691.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:25:00	691.29
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:30:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:35:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:40:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:45:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:50:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	4:55:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:00:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:05:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:10:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:15:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:20:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:25:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:30:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:35:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:40:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:45:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:50:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	5:55:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:00:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:05:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:10:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:15:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:20:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:25:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:30:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:35:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:40:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:45:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:50:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	6:55:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:00:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:05:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:10:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:15:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:20:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:25:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:30:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:35:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:40:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:45:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:50:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	7:55:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:00:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:05:00	691.32

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:10:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:15:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:20:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:25:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:30:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:35:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:40:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:45:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:50:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	8:55:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:00:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:05:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:10:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:15:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:20:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:25:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:30:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:35:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:40:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:45:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:50:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	9:55:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:00:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:05:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:10:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:15:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:20:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:25:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:30:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:35:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:40:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:45:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:50:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	10:55:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:00:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:05:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:10:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:15:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:20:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:25:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:30:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:35:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:40:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:45:00	691.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:50:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	11:55:00	691.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:00:00	691.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:05:00	691.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:10:00	691.34

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:15:00	691.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:20:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:25:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:30:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:35:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:40:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:45:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:50:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	12:55:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:00:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:05:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:10:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:15:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:20:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:25:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:30:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:35:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:40:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:45:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:50:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	13:55:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:00:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:05:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:10:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:15:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:20:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:25:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:30:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:35:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:40:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:45:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:50:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	14:55:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:00:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:05:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:10:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:15:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:20:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:25:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:30:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:35:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:40:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:45:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:50:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	15:55:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:00:00	691.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:05:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:10:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:15:00	691.41

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:20:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:25:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:30:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:35:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:40:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:45:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:50:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	16:55:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:00:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:05:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:10:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:15:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:20:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:25:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:30:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:35:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:40:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:45:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:50:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	17:55:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:00:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:05:00	691.41
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:10:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:15:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:20:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:25:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:30:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:35:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:40:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:45:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:50:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	18:55:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:00:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:05:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:10:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:15:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:20:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:25:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:30:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:35:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:40:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:45:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:50:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	19:55:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:00:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:05:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:10:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:15:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:20:00	691.38

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:25:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:30:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:35:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:40:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:45:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:50:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	20:55:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:00:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:05:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:10:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:15:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:20:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:25:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:30:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:35:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:40:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:45:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:50:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	21:55:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:00:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:05:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:10:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:15:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:20:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:25:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:30:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:35:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:40:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:45:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:50:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	22:55:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/16/2019	23:00:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	0:00:00	691.65
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	1:00:00	691.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	2:00:00	691.64
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	3:00:00	691.62
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	4:00:00	691.61
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	5:00:00	691.57
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	6:00:00	691.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	7:00:00	691.55
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	8:00:00	691.53
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	9:00:00	691.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	10:00:00	691.5
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	11:00:00	691.48
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	12:00:00	691.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	13:00:00	691.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	14:00:00	691.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	15:00:00	691.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	16:00:00	691.41

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	17:00:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	18:00:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	19:00:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	20:00:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	21:00:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	22:00:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/20/2019	23:00:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	0:00:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	1:00:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	2:00:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	3:00:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	4:00:00	691.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	5:00:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	6:00:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	7:00:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	8:00:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	9:00:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	10:00:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	11:00:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	12:00:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	13:00:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	14:00:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	15:00:00	691.3
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	16:00:00	691.31
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	17:00:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	18:00:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	19:00:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	20:00:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	21:00:00	691.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	22:00:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/21/2019	23:00:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	0:00:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	1:00:00	691.33
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	2:00:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	3:00:00	691.34
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	4:00:00	691.32
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	5:00:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	6:00:00	691.35
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	7:00:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	8:00:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	9:00:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	10:00:00	691.38
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	11:00:00	691.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	12:00:00	691.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	13:00:00	691.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	14:00:00	691.44
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	15:00:00	691.46
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	16:00:00	691.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	17:00:00	691.45

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	18:00:00	691.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	19:00:00	691.45
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	20:00:00	691.43
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	21:00:00	691.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	22:00:00	691.42
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/22/2019	23:00:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	0:00:00	691.37
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	1:00:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	2:00:00	691.36
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	3:00:00	691.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	4:00:00	691.39
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	5:00:00	691.56
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	6:00:00	691.79
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	7:00:00	692.58
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	8:00:00	692.62
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	9:00:00	692.52
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	10:00:00	692.4
TA-RW-2	RW-2	12804474.88	593638.62	682.00	5/23/2019	11:00:00	692.33
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	0:00:00	692.17
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	1:00:00	692.17
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	2:00:00	692.18
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	3:00:00	692.15
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	4:00:00	692.14
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	5:00:00	692.13
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	6:00:00	692.11
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	7:00:00	692.1
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	8:00:00	692.09
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	9:00:00	692.07
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	10:00:00	692.08
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	11:00:00	692.05
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	12:00:00	692.05
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	13:00:00	692.05
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	14:00:00	692.03
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	15:00:00	692.04
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	16:00:00	692.04
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	17:00:00	692.03
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	18:00:00	692.02
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	19:00:00	692.03
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	20:00:00	692.01
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	21:00:00	692.02
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	22:00:00	692.02
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/20/2019	23:00:00	692.01
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	0:00:00	692.01
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	1:00:00	692
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	2:00:00	692.01
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	3:00:00	692
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	4:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	5:00:00	692
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	6:00:00	691.99

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	7:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	8:00:00	691.96
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	9:00:00	691.95
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	10:00:00	691.97
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	11:00:00	691.95
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	12:00:00	691.95
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	13:00:00	691.95
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	14:00:00	691.94
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	15:00:00	691.97
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	16:00:00	691.97
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	17:00:00	691.97
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	18:00:00	691.97
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	19:00:00	692
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	20:00:00	692
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	21:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	22:00:00	692.01
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/21/2019	23:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	0:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	1:00:00	692.01
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	2:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	3:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	4:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	5:00:00	692
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	6:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	7:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	8:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	9:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	10:00:00	691.97
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	11:00:00	691.97
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	12:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	13:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	14:00:00	691.96
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	15:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	16:00:00	691.97
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	17:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	18:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	19:00:00	692
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	20:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	21:00:00	692
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	22:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/22/2019	23:00:00	691.99
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	0:00:00	691.97
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	1:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	2:00:00	691.96
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	3:00:00	692.01
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	4:00:00	691.98
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	5:00:00	692.01
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	6:00:00	692.1
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	7:00:00	692.32

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	8:00:00	692.43
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	9:00:00	692.47
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	10:00:00	692.46
TA-GW-08	GW-08	12804451.08	593305.11	689.80	5/23/2019	11:00:00	692.47
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:00:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:05:00	692.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:10:00	692.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:15:00	692.64
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:20:00	692.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:25:00	692.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:30:00	692.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:35:00	692.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:40:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:45:00	692.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:50:00	692.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	0:55:00	692.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:00:00	692.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:05:00	692.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:10:00	692.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:15:00	692.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:20:00	692.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:25:00	692.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:30:00	692.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:35:00	692.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:40:00	692.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:45:00	692.63
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:50:00	692.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	1:55:00	692.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:00:00	692.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:05:00	692.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:10:00	692.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:15:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:20:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:25:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:30:00	692.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:35:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:40:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:45:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:50:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	2:55:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:00:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:05:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:10:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:15:00	692.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:20:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:25:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:30:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:35:00	692.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:40:00	692.58

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:45:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:50:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	3:55:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:00:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:05:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:10:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:15:00	692.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:20:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:25:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:30:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:35:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:40:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:45:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:50:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	4:55:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:00:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:05:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:10:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:15:00	692.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:20:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:25:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:30:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:35:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:40:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:45:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:50:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	5:55:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:00:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:05:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:10:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:15:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:20:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:25:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:30:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:35:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:40:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:45:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:50:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	6:55:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:00:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:05:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:10:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:15:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:20:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:25:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:30:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:35:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:40:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:45:00	692.55

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:50:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	7:55:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:00:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:05:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:10:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:15:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:20:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:25:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:30:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:35:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:40:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:45:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:50:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	8:55:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:00:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:05:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:10:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:15:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:20:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:25:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:30:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:35:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:40:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:45:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:50:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	9:55:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:00:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:05:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:10:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:15:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:20:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:25:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:30:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:35:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:40:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:45:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:50:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	10:55:00	692.52
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:00:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:05:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:10:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:15:00	692.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:20:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:25:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:30:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:35:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:40:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:45:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:50:00	692.57

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	11:55:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:00:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:05:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:10:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:15:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:20:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:25:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:30:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:35:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:40:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:45:00	692.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:50:00	692.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	12:55:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:00:00	692.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:05:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:10:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:15:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:20:00	692.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:25:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:30:00	692.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:35:00	692.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:40:00	692.38
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:45:00	692.32
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:50:00	692.32
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	13:55:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:00:00	692.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:05:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:10:00	692.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:15:00	692.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:20:00	692.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:25:00	692.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:30:00	692.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:35:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:40:00	691.94
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:45:00	691.91
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:50:00	691.87
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	14:55:00	691.85
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:00:00	691.83
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:05:00	691.83
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:10:00	691.84
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:15:00	691.82
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:20:00	691.81
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:25:00	691.77
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:30:00	691.72
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:35:00	691.7
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:40:00	691.67
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:45:00	691.67
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:50:00	691.65
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	15:55:00	691.63

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:00:00	691.63
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:05:00	691.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:10:00	691.62
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:15:00	691.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:20:00	691.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:25:00	691.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:30:00	691.61
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:35:00	691.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:40:00	691.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:45:00	691.59
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:50:00	691.6
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	16:55:00	691.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:00:00	691.58
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:05:00	691.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:10:00	691.57
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:15:00	691.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:20:00	691.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:25:00	691.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:30:00	691.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:35:00	691.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:40:00	691.55
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:45:00	691.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:50:00	691.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	17:55:00	691.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:00:00	691.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:05:00	691.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:10:00	691.54
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:15:00	691.56
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:20:00	691.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:25:00	691.52
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:30:00	691.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:35:00	691.52
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:40:00	691.51
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:45:00	691.5
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:50:00	691.53
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	18:55:00	691.51
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:00:00	691.5
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:05:00	691.5
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:10:00	691.52
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:15:00	691.51
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:20:00	691.52
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:25:00	691.5
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:30:00	691.48
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:35:00	691.48
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:40:00	691.49
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:45:00	691.48
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:50:00	691.49
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	19:55:00	691.51
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:00:00	691.49

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:05:00	691.5
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:10:00	691.48
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:15:00	691.5
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:20:00	691.48
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:25:00	691.48
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:30:00	691.49
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:35:00	691.48
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:40:00	691.45
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:45:00	691.48
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:50:00	691.46
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	20:55:00	691.47
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:00:00	691.47
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:05:00	691.47
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:10:00	691.47
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:15:00	691.47
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:20:00	691.45
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:25:00	691.45
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:30:00	691.47
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:35:00	691.45
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:40:00	691.45
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:45:00	691.47
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:50:00	691.47
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	21:55:00	691.44
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:00:00	691.44
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:05:00	691.45
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:10:00	691.43
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:15:00	691.44
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:20:00	691.44
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:25:00	691.44
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:30:00	691.42
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:35:00	691.43
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:40:00	691.45
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:45:00	691.41
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:50:00	691.41
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	22:55:00	691.42
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:00:00	691.41
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:05:00	691.43
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:10:00	691.42
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:15:00	691.42
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:20:00	691.42
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:25:00	691.41
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:30:00	691.41
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:35:00	691.39
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:40:00	691.38
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:45:00	691.4
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:50:00	691.39
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/20/2019	23:55:00	691.39
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:00:00	691.39
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:05:00	691.4

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:10:00	691.39
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:15:00	691.38
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:20:00	691.39
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:25:00	691.38
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:30:00	691.38
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:35:00	691.37
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:40:00	691.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:45:00	691.35
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:50:00	691.35
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	0:55:00	691.39
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:00:00	691.35
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:05:00	691.37
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:10:00	691.39
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:15:00	691.38
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:20:00	691.37
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:25:00	691.38
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:30:00	691.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:35:00	691.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:40:00	691.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:45:00	691.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:50:00	691.35
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	1:55:00	691.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:00:00	691.34
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:05:00	691.34
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:10:00	691.34
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:15:00	691.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:20:00	691.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:25:00	691.32
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:30:00	691.34
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:35:00	691.34
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:40:00	691.34
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:45:00	691.34
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:50:00	691.36
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	2:55:00	691.34
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:00:00	691.32
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:05:00	691.33
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:10:00	691.32
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:15:00	691.31
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:20:00	691.32
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:25:00	691.31
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:30:00	691.32
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:35:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:40:00	691.32
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:45:00	691.32
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:50:00	691.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	3:55:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:00:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:05:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:10:00	691.31

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:15:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:20:00	691.31
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:25:00	691.31
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:30:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:35:00	691.31
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:40:00	691.31
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:45:00	691.31
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:50:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	4:55:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:00:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:05:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:10:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:15:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:20:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:25:00	691.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:30:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:35:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:40:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:45:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:50:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	5:55:00	691.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:00:00	691.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:05:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:10:00	691.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:15:00	691.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:20:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:25:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:30:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:35:00	691.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:40:00	691.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:45:00	691.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:50:00	691.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	6:55:00	691.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:00:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:05:00	691.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:10:00	691.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:15:00	691.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:20:00	691.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:25:00	691.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:30:00	691.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:35:00	691.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:40:00	691.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:45:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:50:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	7:55:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:00:00	691.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:05:00	691.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:10:00	691.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:15:00	691.23

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:20:00	691.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:25:00	691.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:30:00	691.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:35:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:40:00	691.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:45:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:50:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	8:55:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:00:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:05:00	691.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:10:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:15:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:20:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:25:00	691.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:30:00	691.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:35:00	691.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:40:00	691.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:45:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:50:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	9:55:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:00:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:05:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:10:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:15:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:20:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:25:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:30:00	691.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:35:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:40:00	691.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:45:00	691.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:50:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	10:55:00	691.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:00:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:05:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:10:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:15:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:20:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:25:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:30:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:35:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:40:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:45:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:50:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	11:55:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:00:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:05:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:10:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:15:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:20:00	691.17

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:25:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:30:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:35:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:40:00	691.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:45:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:50:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	12:55:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:00:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:05:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:10:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:15:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:20:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:25:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:30:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:35:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:40:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:45:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:50:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	13:55:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:00:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:05:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:10:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:15:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:20:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:25:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:30:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:35:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:40:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:45:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:50:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	14:55:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:00:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:05:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:10:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:15:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:20:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:25:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:30:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:35:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:40:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:45:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:50:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	15:55:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:00:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:05:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:10:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:15:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:20:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:25:00	691.18

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:30:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:35:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:40:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:45:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:50:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	16:55:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:00:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:05:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:10:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:15:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:20:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:25:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:30:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:35:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:40:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:45:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:50:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	17:55:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:00:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:05:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:10:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:15:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:20:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:25:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:30:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:35:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:40:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:45:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:50:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	18:55:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:00:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:05:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:10:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:15:00	691.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:20:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:25:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:30:00	691.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:35:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:40:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:45:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:50:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	19:55:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:00:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:05:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:10:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:15:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:20:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:25:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:30:00	691.15

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:35:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:40:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:45:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:50:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	20:55:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:00:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:05:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:10:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:15:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:20:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:25:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:30:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:35:00	691.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:40:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:45:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:50:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	21:55:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:00:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:05:00	691.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:10:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:15:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:20:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:25:00	691.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:30:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:35:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:40:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:45:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:50:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	22:55:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:00:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:05:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:10:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:15:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:20:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:25:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:30:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:35:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:40:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:45:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:50:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/21/2019	23:55:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:00:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:05:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:10:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:15:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:20:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:25:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:30:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:35:00	691.13

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:40:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:45:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:50:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	0:55:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:00:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:05:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:10:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:15:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:20:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:25:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:30:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:35:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:40:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:45:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:50:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	1:55:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:00:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:05:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:10:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:15:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:20:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:25:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:30:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:35:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:40:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:45:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:50:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	2:55:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:00:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:05:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:10:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:15:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:20:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:25:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:30:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:35:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:40:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:45:00	691.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:50:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	3:55:00	691.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:00:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:05:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:10:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:15:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:20:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:25:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:30:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:35:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:40:00	691.11

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:45:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:50:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	4:55:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:00:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:05:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:10:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:15:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:20:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:25:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:30:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:35:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:40:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:45:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:50:00	691.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	5:55:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:00:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:05:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:10:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:15:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:20:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:25:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:30:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:35:00	691.09
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:40:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:45:00	691.09
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:50:00	691.09
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	6:55:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:00:00	691.09
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:05:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:10:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:15:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:20:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:25:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:30:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:35:00	691.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:40:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:45:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:50:00	691.09
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	7:55:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:00:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:05:00	691.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:10:00	691.08
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:15:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:20:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:25:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:30:00	691.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:35:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:40:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:45:00	691.07

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:50:00	691.09
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	8:55:00	691.08
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:00:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:05:00	691.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:10:00	691.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:15:00	691.08
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:20:00	691.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:25:00	691.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:30:00	691.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:35:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:40:00	691.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:45:00	691.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:50:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	9:55:00	691.08
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:00:00	691.08
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:05:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:10:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:15:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:20:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:25:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:30:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:35:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:40:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:45:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:50:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	10:55:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:00:00	691.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:05:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:10:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:15:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:20:00	691.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:25:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:30:00	691.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:35:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:40:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:45:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:50:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	11:55:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:00:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:05:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:10:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:15:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:20:00	691.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:25:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:30:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:35:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:40:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:45:00	691.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:50:00	691.03

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	12:55:00	691.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:00:00	691.02
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:05:00	691.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:10:00	691.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:15:00	691.02
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:20:00	691.01
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:25:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:30:00	691.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:35:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:40:00	691.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:45:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:50:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	13:55:00	691.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:00:00	691.02
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:05:00	691.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:10:00	691.01
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:15:00	691.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:20:00	691.45
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:25:00	691.66
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:30:00	691.74
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:35:00	691.78
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:40:00	691.81
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:45:00	691.83
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:50:00	691.84
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	14:55:00	691.87
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:00:00	691.86
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:05:00	691.87
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:10:00	691.89
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:15:00	691.9
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:20:00	691.9
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:25:00	691.92
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:30:00	691.92
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:35:00	691.94
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:40:00	691.95
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:45:00	691.95
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:50:00	691.95
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	15:55:00	691.95
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:00:00	691.95
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:05:00	691.97
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:10:00	691.96
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:15:00	691.97
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:20:00	691.99
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:25:00	691.98
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:30:00	691.98
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:35:00	691.99
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:40:00	692.02
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:45:00	692.02
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:50:00	692.01
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	16:55:00	692.04

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:00:00	692.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:05:00	692.03
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:10:00	692.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:15:00	692.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:20:00	692.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:25:00	692.04
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:30:00	692.05
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:35:00	692.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:40:00	692.08
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:45:00	692.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:50:00	692.08
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	17:55:00	692.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:00:00	692.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:05:00	692.06
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:10:00	692.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:15:00	692.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:20:00	692.08
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:25:00	692.07
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:30:00	692.08
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:35:00	692.09
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:40:00	692.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:45:00	692.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:50:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	18:55:00	692.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:00:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:05:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:10:00	692.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:15:00	692.1
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:20:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:25:00	692.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:30:00	692.09
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:35:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:40:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:45:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:50:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	19:55:00	692.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:00:00	692.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:05:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:10:00	692.11
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:15:00	692.12
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:20:00	692.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:25:00	692.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:30:00	692.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:35:00	692.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:40:00	692.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:45:00	692.13
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:50:00	692.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	20:55:00	692.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:00:00	692.15

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:05:00	692.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:10:00	692.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:15:00	692.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:20:00	692.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:25:00	692.14
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:30:00	692.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:35:00	692.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:40:00	692.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:45:00	692.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:50:00	692.15
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	21:55:00	692.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:00:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:05:00	692.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:10:00	692.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:15:00	692.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:20:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:25:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:30:00	692.16
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:35:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:40:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:45:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:50:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	22:55:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:00:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:05:00	692.17
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:10:00	692.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:15:00	692.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:20:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:25:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:30:00	692.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:35:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:40:00	692.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:45:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:50:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/22/2019	23:55:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:00:00	692.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:05:00	692.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:10:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:15:00	692.18
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:20:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:25:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:30:00	692.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:35:00	692.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:40:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:45:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:50:00	692.19
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	0:55:00	692.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:00:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:05:00	692.21

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:10:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:15:00	692.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:20:00	692.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:25:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:30:00	692.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:35:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:40:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:45:00	692.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:50:00	692.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	1:55:00	692.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:00:00	692.2
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:05:00	692.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:10:00	692.21
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:15:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:20:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:25:00	692.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:30:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:35:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:40:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:45:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:50:00	692.22
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	2:55:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:00:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:05:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:10:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:15:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:20:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:25:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:30:00	692.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:35:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:40:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:45:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:50:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	3:55:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:00:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:05:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:10:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:15:00	692.23
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:20:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:25:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:30:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:35:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:40:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:45:00	692.24
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:50:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	4:55:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:00:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:05:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:10:00	692.26

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:15:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:20:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:25:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:30:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:35:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:40:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:45:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:50:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	5:55:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:00:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:05:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:10:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:15:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:20:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:25:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:30:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:35:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:40:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:45:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:50:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	6:55:00	692.25
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:00:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:05:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:10:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:15:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:20:00	692.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:25:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:30:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:35:00	692.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:40:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:45:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:50:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	7:55:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:00:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:05:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:10:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:15:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:20:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:25:00	692.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:30:00	692.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:35:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:40:00	692.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:45:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:50:00	692.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	8:55:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:00:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:05:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:10:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:15:00	692.28

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:20:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:25:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:30:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:35:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:40:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:45:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:50:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	9:55:00	692.26
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:00:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:05:00	692.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:10:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:15:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:20:00	692.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:25:00	692.3
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:30:00	692.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:35:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:40:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:45:00	692.29
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:50:00	692.28
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	10:55:00	692.27
TA-PMW-03	PMW-3	12804543.76	593449.85	682.00	5/23/2019	11:00:00	692.29
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	0:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	1:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	2:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	3:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	4:00:00	692.33
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	5:00:00	692.33
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	6:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	7:00:00	692.33
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	8:00:00	692.31
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	9:00:00	692.31
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	10:00:00	692.31
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	11:00:00	692.31
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	12:00:00	692.3
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	13:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	14:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	15:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	16:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	17:00:00	692.32
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	18:00:00	692.31
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	19:00:00	692.3
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	20:00:00	692.3
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	21:00:00	692.3
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	22:00:00	692.3
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/12/2019	23:00:00	692.3
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	0:00:00	692.29
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	1:00:00	692.29
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	2:00:00	692.28
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	3:00:00	692.3

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	4:00:00	692.29
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	5:00:00	692.29
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	6:00:00	692.28
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	7:00:00	692.27
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	8:00:00	692.26
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	9:00:00	692.25
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	10:00:00	692.25
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	11:00:00	692.25
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	12:00:00	692.28
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	13:00:00	692.28
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	14:00:00	692.27
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	15:00:00	692.28
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	16:00:00	692.27
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	17:00:00	692.27
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	18:00:00	692.27
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	19:00:00	692.25
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	20:00:00	692.26
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	21:00:00	692.26
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	22:00:00	692.25
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/13/2019	23:00:00	692.25
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	0:00:00	692.24
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	1:00:00	692.25
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	2:00:00	692.24
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	3:00:00	692.24
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	4:00:00	692.23
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	5:00:00	692.23
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	6:00:00	692.21
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	7:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	8:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	9:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	10:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	11:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	12:00:00	692.19
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	13:00:00	692.19
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	14:00:00	692.19
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	15:00:00	692.22
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	16:00:00	692.21
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	17:00:00	692.21
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	18:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	19:00:00	692.21
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	20:00:00	692.22
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	21:00:00	692.22
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	22:00:00	692.21
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/14/2019	23:00:00	692.21
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	0:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	1:00:00	692.19
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	2:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	3:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	4:00:00	692.2

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	5:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	6:00:00	692.19
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	7:00:00	692.17
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	8:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	9:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	10:00:00	692.17
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	11:00:00	692.17
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	12:00:00	692.17
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	13:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	14:00:00	692.18
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	15:00:00	692.19
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	16:00:00	692.19
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	17:00:00	692.18
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	18:00:00	692.2
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	19:00:00	692.17
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	20:00:00	692.19
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	21:00:00	692.18
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	22:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/15/2019	23:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	0:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	1:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	2:00:00	692.17
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	3:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	4:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	5:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	6:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	7:00:00	692.15
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	8:00:00	692.14
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	9:00:00	692.14
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	10:00:00	692.14
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	11:00:00	692.13
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	12:00:00	692.15
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	13:00:00	692.15
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	14:00:00	692.18
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	15:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	16:00:00	692.17
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	17:00:00	692.17
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	18:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	19:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	20:00:00	692.15
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	21:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	22:00:00	692.16
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/16/2019	23:00:00	692.15
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	0:00:00	692.1
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	1:00:00	692.11
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	2:00:00	692.1
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	3:00:00	692.1
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	4:00:00	692.1
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	5:00:00	692.09

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	6:00:00	692.09
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	7:00:00	692.08
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	8:00:00	692.08
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	9:00:00	692.06
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	10:00:00	692.06
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	11:00:00	692.07
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	12:00:00	692.06
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	13:00:00	692.05
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	14:00:00	692.05
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	15:00:00	692.03
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	16:00:00	692.03
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	17:00:00	692.02
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	18:00:00	692.02
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	19:00:00	692.02
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	20:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	21:00:00	692.02
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	22:00:00	692.02
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/20/2019	23:00:00	692.01
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	0:00:00	692.03
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	1:00:00	692.01
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	2:00:00	692.01
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	3:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	4:00:00	691.99
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	5:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	6:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	7:00:00	691.99
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	8:00:00	691.98
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	9:00:00	691.98
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	10:00:00	691.98
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	11:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	12:00:00	691.98
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	13:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	14:00:00	691.96
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	15:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	16:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	17:00:00	691.98
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	18:00:00	691.98
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	19:00:00	691.99
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	20:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	21:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	22:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/21/2019	23:00:00	691.99
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	0:00:00	691.98
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	1:00:00	691.99
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	2:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	3:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	4:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	5:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	6:00:00	691.99

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	7:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	8:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	9:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	10:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	11:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	12:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	13:00:00	691.96
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	14:00:00	691.95
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	15:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	16:00:00	691.97
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	17:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	18:00:00	691.99
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	19:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	20:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	21:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	22:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/22/2019	23:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	0:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	1:00:00	692.01
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	2:00:00	691.99
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	3:00:00	692.01
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	4:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	5:00:00	692
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	6:00:00	692.02
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	7:00:00	692.04
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	8:00:00	692.06
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	9:00:00	692.06
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	10:00:00	692.05
TA-PMW-05	PMW-5	12804513.5	593545.06	680.30	5/23/2019	11:00:00	692.07
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	0:00:00	692.7
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	1:00:00	692.7
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	2:00:00	692.71
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	3:00:00	692.68
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	4:00:00	692.68
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	5:00:00	692.67
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	6:00:00	692.66
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	7:00:00	692.66
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	8:00:00	692.65
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	9:00:00	692.65
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	10:00:00	692.62
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	11:00:00	692.63
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	12:00:00	692.64
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	13:00:00	692.65
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	14:00:00	692.57
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	15:00:00	692.47
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	16:00:00	692.39
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	17:00:00	692.32
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	18:00:00	692.28
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	19:00:00	692.25

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	20:00:00	692.21
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	21:00:00	692.2
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	22:00:00	692.18
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/20/2019	23:00:00	692.16
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	0:00:00	692.13
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	1:00:00	692.1
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	2:00:00	692.09
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	3:00:00	692.07
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	4:00:00	692.05
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	5:00:00	692.06
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	6:00:00	692.03
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	7:00:00	692.02
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	8:00:00	691.99
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	9:00:00	691.97
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	10:00:00	691.97
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	11:00:00	691.97
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	12:00:00	691.95
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	13:00:00	691.94
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	14:00:00	691.92
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	15:00:00	691.94
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	16:00:00	691.93
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	17:00:00	691.91
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	18:00:00	691.91
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	19:00:00	691.92
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	20:00:00	691.91
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	21:00:00	691.91
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	22:00:00	691.92
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/21/2019	23:00:00	691.87
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	0:00:00	691.88
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	1:00:00	691.89
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	2:00:00	691.87
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	3:00:00	691.88
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	4:00:00	691.86
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	5:00:00	691.86
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	6:00:00	691.84
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	7:00:00	691.81
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	8:00:00	691.81
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	9:00:00	691.8
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	10:00:00	691.79
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	11:00:00	691.79
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	12:00:00	691.77
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	13:00:00	691.77
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	14:00:00	691.77
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	15:00:00	691.97
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	16:00:00	692.03
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	17:00:00	692.12
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	18:00:00	692.14
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	19:00:00	692.18
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	20:00:00	692.2

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	21:00:00	692.24
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	22:00:00	692.25
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/22/2019	23:00:00	692.27
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	0:00:00	692.27
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	1:00:00	692.3
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	2:00:00	692.29
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	3:00:00	692.33
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	4:00:00	692.31
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	5:00:00	692.34
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	6:00:00	692.34
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	7:00:00	692.35
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	8:00:00	692.36
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	9:00:00	692.35
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	10:00:00	692.35
TA-PMW-06	PMW-6	12804575.95	593391.71	682.80	5/23/2019	11:00:00	692.36
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	0:00:00	691.88
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	1:00:00	691.89
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	2:00:00	691.89
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	3:00:00	691.88
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	4:00:00	691.88
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	5:00:00	691.87
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	6:00:00	691.85
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	7:00:00	691.85
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	8:00:00	691.83
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	9:00:00	691.82
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	10:00:00	691.83
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	11:00:00	691.83
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	12:00:00	691.82
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	13:00:00	691.82
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	14:00:00	691.81
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	15:00:00	691.81
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	16:00:00	691.81
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	17:00:00	691.78
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	18:00:00	691.79
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	19:00:00	691.79
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	20:00:00	691.79
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	21:00:00	691.78
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	22:00:00	691.8
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/20/2019	23:00:00	691.79
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	0:00:00	691.78
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	1:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	2:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	3:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	4:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	5:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	6:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	7:00:00	691.75
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	8:00:00	691.74
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	9:00:00	691.73

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	10:00:00	691.74
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	11:00:00	691.74
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	12:00:00	691.74
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	13:00:00	691.73
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	14:00:00	691.73
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	15:00:00	691.75
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	16:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	17:00:00	691.75
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	18:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	19:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	20:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	21:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	22:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/21/2019	23:00:00	691.75
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	0:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	1:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	2:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	3:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	4:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	5:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	6:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	7:00:00	691.74
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	8:00:00	691.75
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	9:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	10:00:00	691.73
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	11:00:00	691.74
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	12:00:00	691.74
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	13:00:00	691.72
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	14:00:00	691.72
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	15:00:00	691.75
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	16:00:00	691.74
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	17:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	18:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	19:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	20:00:00	691.78
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	21:00:00	691.79
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	22:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/22/2019	23:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	0:00:00	691.76
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	1:00:00	691.78
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	2:00:00	691.78
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	3:00:00	691.79
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	4:00:00	691.77
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	5:00:00	691.79
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	6:00:00	691.81
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	7:00:00	691.83
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	8:00:00	691.85
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	9:00:00	691.85
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	10:00:00	691.85

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-09	PMW-9	12804504	593462.86	679.40	5/23/2019	11:00:00	691.87
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	0:00:00	692.48
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	1:00:00	692.48
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	2:00:00	692.47
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	3:00:00	692.49
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	4:00:00	692.47
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	5:00:00	692.45
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	6:00:00	692.44
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	7:00:00	692.44
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	8:00:00	692.46
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	9:00:00	692.43
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	10:00:00	692.43
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	11:00:00	692.44
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	12:00:00	692.41
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	13:00:00	692.45
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	14:00:00	692.42
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	15:00:00	692.4
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	16:00:00	692.42
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	17:00:00	692.41
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	18:00:00	692.39
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	19:00:00	692.39
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	20:00:00	692.41
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	21:00:00	692.4
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	22:00:00	692.39
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/20/2019	23:00:00	692.4
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	0:00:00	692.41
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	1:00:00	692.38
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	2:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	3:00:00	692.37
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	4:00:00	692.37
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	5:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	6:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	7:00:00	692.37
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	8:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	9:00:00	692.32
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	10:00:00	692.33
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	11:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	12:00:00	692.34
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	13:00:00	692.34
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	14:00:00	692.34
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	15:00:00	692.32
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	16:00:00	692.34
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	17:00:00	692.32
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	18:00:00	692.33
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	19:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	20:00:00	692.33
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	21:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	22:00:00	692.36
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/21/2019	23:00:00	692.36

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	0:00:00	692.34
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	1:00:00	692.36
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	2:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	3:00:00	692.34
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	4:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	5:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	6:00:00	692.36
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	7:00:00	692.37
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	8:00:00	692.37
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	9:00:00	692.36
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	10:00:00	692.36
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	11:00:00	692.35
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	12:00:00	692.34
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	13:00:00	692.36
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	14:00:00	692.36
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	15:00:00	692.38
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	16:00:00	692.37
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	17:00:00	692.37
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	18:00:00	692.37
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	19:00:00	692.38
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	20:00:00	692.4
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	21:00:00	692.39
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	22:00:00	692.4
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/22/2019	23:00:00	692.39
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	0:00:00	692.37
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	1:00:00	692.42
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	2:00:00	692.39
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	3:00:00	692.4
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	4:00:00	692.38
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	5:00:00	692.4
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	6:00:00	692.43
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	7:00:00	692.51
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	8:00:00	692.51
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	9:00:00	692.55
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	10:00:00	692.53
TA-TMW-101	TMW-101	12804469.99	593389.36	686.99	5/23/2019	11:00:00	692.59
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	0:00:00	695.87
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	1:00:00	695.87
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	2:00:00	695.85
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	3:00:00	695.85
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	4:00:00	695.85
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	5:00:00	695.83
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	6:00:00	695.84
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	7:00:00	695.83
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	8:00:00	695.82
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	9:00:00	695.82
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	10:00:00	695.79
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	11:00:00	695.81
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	12:00:00	695.8

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	13:00:00	695.8
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	14:00:00	695.79
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	15:00:00	695.79
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	16:00:00	695.78
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	17:00:00	695.78
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	18:00:00	695.77
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	19:00:00	695.78
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	20:00:00	695.77
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	21:00:00	695.77
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	22:00:00	695.77
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/20/2019	23:00:00	695.77
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	0:00:00	695.78
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	1:00:00	695.75
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	2:00:00	695.76
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	3:00:00	695.75
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	4:00:00	695.75
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	5:00:00	695.74
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	6:00:00	695.73
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	7:00:00	695.73
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	8:00:00	695.71
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	9:00:00	695.7
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	10:00:00	695.71
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	11:00:00	695.72
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	12:00:00	695.71
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	13:00:00	695.69
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	14:00:00	695.7
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	15:00:00	695.71
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	16:00:00	695.7
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	17:00:00	695.7
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	18:00:00	695.71
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	19:00:00	695.7
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	20:00:00	695.71
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	21:00:00	695.71
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	22:00:00	695.72
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/21/2019	23:00:00	695.7
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	0:00:00	695.69
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	1:00:00	695.71
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	2:00:00	695.71
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	3:00:00	695.69
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	4:00:00	695.69
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	5:00:00	695.69
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	6:00:00	695.68
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	7:00:00	695.68
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	8:00:00	695.68
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	9:00:00	695.67
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	10:00:00	695.67
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	11:00:00	695.66
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	12:00:00	695.66
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	13:00:00	695.66

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	14:00:00	695.66
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	15:00:00	695.65
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	16:00:00	695.64
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	17:00:00	695.67
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	18:00:00	695.66
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	19:00:00	695.66
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	20:00:00	695.66
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	21:00:00	695.67
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	22:00:00	695.67
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/22/2019	23:00:00	695.66
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	0:00:00	695.64
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	1:00:00	695.66
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	2:00:00	695.64
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	3:00:00	695.65
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	4:00:00	695.64
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	5:00:00	695.63
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	6:00:00	695.63
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	7:00:00	695.63
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	8:00:00	695.63
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	9:00:00	695.62
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	10:00:00	695.61
TA-TMW-104	TMW-104	12804643.99	593527.8	692.50	5/23/2019	11:00:00	695.62
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	11:05:00	692.85
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	12:05:00	692.85
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	13:05:00	692.83
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	14:05:00	692.81
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	15:05:00	692.82
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	16:05:00	692.81
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	17:05:00	692.82
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	18:05:00	692.78
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	19:05:00	692.81
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	20:05:00	692.82
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	21:05:00	692.8
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	22:05:00	692.79
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/5/2019	23:05:00	692.76
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	0:05:00	692.77
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	1:05:00	692.76
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	2:05:00	692.75
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	3:05:00	692.73
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	4:05:00	692.73
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	5:05:00	692.72
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	6:05:00	692.72
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	7:05:00	692.71
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	8:05:00	692.68
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	9:05:00	692.68
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	10:05:00	692.68
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	11:05:00	692.67
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	12:05:00	692.66
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	13:05:00	692.66

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	14:05:00	692.67
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	15:05:00	692.65
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	16:05:00	692.67
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	17:05:00	692.64
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	18:05:00	692.67
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	19:05:00	692.67
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	20:05:00	692.66
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	21:05:00	692.66
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	22:05:00	692.62
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/6/2019	23:05:00	692.63
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	0:05:00	692.62
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	1:05:00	692.62
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	2:05:00	692.61
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	3:05:00	692.59
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	4:05:00	692.61
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	5:05:00	692.61
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	6:05:00	692.6
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	7:05:00	692.59
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	8:05:00	692.57
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	9:05:00	692.56
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	10:05:00	692.54
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	11:05:00	692.54
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	12:05:00	692.52
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	13:05:00	692.51
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	14:05:00	692.5
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	15:05:00	692.52
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	16:05:00	692.52
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	17:05:00	692.51
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	18:05:00	692.51
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	19:05:00	692.53
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	20:05:00	692.53
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	21:05:00	692.51
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	22:05:00	692.49
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/7/2019	23:05:00	692.49
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	0:05:00	692.48
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	1:05:00	692.47
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	2:05:00	692.46
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	3:05:00	692.46
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	4:05:00	692.46
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	5:05:00	692.47
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	6:05:00	692.46
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	7:05:00	692.45
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	8:05:00	692.42
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	9:05:00	692.41
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	10:05:00	692.42
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	11:05:00	692.44
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	12:05:00	692.43
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	13:05:00	692.44
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	14:05:00	692.44

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	15:05:00	692.42
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	16:05:00	692.43
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	17:05:00	692.44
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	18:05:00	692.47
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	19:05:00	692.45
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	20:05:00	692.48
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	21:05:00	692.47
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	22:05:00	692.46
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/8/2019	23:05:00	692.44
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	0:05:00	692.44
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	1:05:00	692.46
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	2:05:00	692.46
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	3:05:00	692.45
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	4:05:00	692.48
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	5:05:00	692.44
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	6:05:00	692.45
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	7:05:00	692.48
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	8:05:00	692.46
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	9:05:00	692.54
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/9/2019	10:05:00	692.52
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	0:05:00	692.39
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	1:05:00	692.39
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	2:05:00	692.38
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	3:05:00	692.4
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	4:05:00	692.39
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	5:05:00	692.38
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	6:05:00	692.39
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	7:05:00	692.39
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	8:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	9:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	10:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	11:05:00	692.36
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	12:05:00	692.36
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	13:05:00	692.36
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	14:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	15:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	16:05:00	692.38
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	17:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	18:05:00	692.36
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	19:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	20:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	21:05:00	692.36
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	22:05:00	692.36
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/12/2019	23:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	0:05:00	692.37
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	1:05:00	692.35
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	2:05:00	692.34
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	3:05:00	692.35
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	4:05:00	692.34

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	5:05:00	692.36
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	6:05:00	692.34
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	7:05:00	692.35
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	8:05:00	692.32
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	9:05:00	692.32
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	10:05:00	692.31
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	11:05:00	692.33
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	12:05:00	692.32
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	13:05:00	692.33
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	14:05:00	692.31
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	15:05:00	692.3
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	16:05:00	692.31
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	17:05:00	692.29
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	18:05:00	692.3
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	19:05:00	692.29
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	20:05:00	692.3
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	21:05:00	692.3
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	22:05:00	692.29
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/13/2019	23:05:00	692.28
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	0:05:00	692.27
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	1:05:00	692.26
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	2:05:00	692.27
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	3:05:00	692.27
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	4:05:00	692.25
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	5:05:00	692.24
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	6:05:00	692.22
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	7:05:00	692.23
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	8:05:00	692.22
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	9:05:00	692.22
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	10:05:00	692.2
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	11:05:00	692.21
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	12:05:00	692.2
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	13:05:00	692.21
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	14:05:00	692.22
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	15:05:00	692.24
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	16:05:00	692.22
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	17:05:00	692.21
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	18:05:00	692.22
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	19:05:00	692.23
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	20:05:00	692.24
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	21:05:00	692.23
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	22:05:00	692.22
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/14/2019	23:05:00	692.21
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	0:05:00	692.21
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	1:05:00	692.21
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	2:05:00	692.2
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	3:05:00	692.21
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	4:05:00	692.2
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	5:05:00	692.21

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	6:05:00	692.19
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	7:05:00	692.19
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	8:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	9:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	10:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	11:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	12:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	13:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	14:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	15:05:00	692.19
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	16:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	17:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	18:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	19:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	20:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	21:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	22:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/15/2019	23:05:00	692.16
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	0:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	1:05:00	692.16
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	2:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	3:05:00	692.16
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	4:05:00	692.16
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	5:05:00	692.15
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	6:05:00	692.15
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	7:05:00	692.13
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	8:05:00	692.12
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	9:05:00	692.14
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	10:05:00	692.14
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	11:05:00	692.15
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	12:05:00	692.13
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	13:05:00	692.15
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	14:05:00	692.16
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	15:05:00	692.16
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	16:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	17:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	18:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	19:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	20:05:00	692.18
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	21:05:00	692.17
TA-GW-04	GW-04	12804548.46	593631.67	688.38	5/16/2019	22:05:00	692.18
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	0:00:00	692.09
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	1:00:00	692.1
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	2:00:00	692.09
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	3:00:00	692.1
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	4:00:00	692.08
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	5:00:00	692.09
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	6:00:00	692.08
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	7:00:00	692.08

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	8:00:00	692.06
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	9:00:00	692.06
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	10:00:00	692.07
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	11:00:00	692.06
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	12:00:00	692.07
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	13:00:00	692.07
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	14:00:00	692.08
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	15:00:00	692.07
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	16:00:00	692.08
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	17:00:00	692.08
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	18:00:00	692.08
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	19:00:00	692.07
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	20:00:00	692.08
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	21:00:00	692.07
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	22:00:00	692.06
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/12/2019	23:00:00	692.06
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	0:00:00	692.06
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	1:00:00	692.06
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	2:00:00	692.05
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	3:00:00	692.05
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	4:00:00	692.05
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	5:00:00	692.06
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	6:00:00	692.06
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	7:00:00	692.05
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	8:00:00	692.03
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	9:00:00	692.03
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	10:00:00	692.03
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	11:00:00	692.03
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	12:00:00	692.04
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	13:00:00	692.03
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	14:00:00	692.03
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	15:00:00	692.03
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	16:00:00	692.02
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	17:00:00	692.02
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	18:00:00	692.03
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	19:00:00	692.02
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	20:00:00	692.03
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	21:00:00	692.02
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	22:00:00	692.02
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/13/2019	23:00:00	692.01
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	0:00:00	692
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	1:00:00	692
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	2:00:00	691.99
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	3:00:00	691.99
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	4:00:00	691.96
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	5:00:00	691.96
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	6:00:00	691.96
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	7:00:00	691.95
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	8:00:00	691.93

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	9:00:00	691.95
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	10:00:00	691.94
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	11:00:00	691.94
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	12:00:00	691.93
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	13:00:00	691.93
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	14:00:00	691.93
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	15:00:00	691.94
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	16:00:00	691.96
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	17:00:00	691.95
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	18:00:00	691.96
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	19:00:00	691.96
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	20:00:00	691.97
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	21:00:00	691.96
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	22:00:00	691.96
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/14/2019	23:00:00	691.95
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	0:00:00	691.94
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	1:00:00	691.94
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	2:00:00	691.93
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	3:00:00	691.94
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	4:00:00	691.94
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	5:00:00	691.93
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	6:00:00	691.92
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	7:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	8:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	9:00:00	691.9
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	10:00:00	691.89
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	11:00:00	691.9
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	12:00:00	691.89
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	13:00:00	691.89
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	14:00:00	691.9
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	15:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	16:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	17:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	18:00:00	691.92
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	19:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	20:00:00	691.92
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	21:00:00	691.93
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	22:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/15/2019	23:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	0:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	1:00:00	691.92
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	2:00:00	691.9
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	3:00:00	691.89
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	4:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	5:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	6:00:00	691.89
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	7:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	8:00:00	691.86
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	9:00:00	691.86

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	10:00:00	691.86
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	11:00:00	691.84
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	12:00:00	691.87
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	13:00:00	691.89
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	14:00:00	691.89
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	15:00:00	691.87
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	16:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	17:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	18:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	19:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	20:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	21:00:00	691.87
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	22:00:00	691.89
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/16/2019	23:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	0:00:00	691.92
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	1:00:00	691.92
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	2:00:00	691.93
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	3:00:00	691.91
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	4:00:00	691.9
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	5:00:00	691.9
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	6:00:00	691.88
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	7:00:00	691.86
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	8:00:00	691.87
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	9:00:00	691.87
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	10:00:00	691.86
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	11:00:00	691.86
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	12:00:00	691.86
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	13:00:00	691.85
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	14:00:00	691.83
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	15:00:00	691.83
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	16:00:00	691.82
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	17:00:00	691.82
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	18:00:00	691.81
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	19:00:00	691.81
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	20:00:00	691.8
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	21:00:00	691.81
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	22:00:00	691.81
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/20/2019	23:00:00	691.8
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	0:00:00	691.8
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	1:00:00	691.8
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	2:00:00	691.79
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	3:00:00	691.79
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	4:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	5:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	6:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	7:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	8:00:00	691.76
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	9:00:00	691.75
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	10:00:00	691.76

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	11:00:00	691.75
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	12:00:00	691.74
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	13:00:00	691.75
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	14:00:00	691.75
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	15:00:00	691.75
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	16:00:00	691.75
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	17:00:00	691.76
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	18:00:00	691.76
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	19:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	20:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	21:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	22:00:00	691.79
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/21/2019	23:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	0:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	1:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	2:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	3:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	4:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	5:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	6:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	7:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	8:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	9:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	10:00:00	691.76
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	11:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	12:00:00	691.76
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	13:00:00	691.76
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	14:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	15:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	16:00:00	691.75
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	17:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	18:00:00	691.76
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	19:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	20:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	21:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	22:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/22/2019	23:00:00	691.77
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	0:00:00	691.76
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	1:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	2:00:00	691.75
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	3:00:00	691.78
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	4:00:00	691.75
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	5:00:00	691.79
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	6:00:00	691.85
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	7:00:00	691.97
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	8:00:00	692.08
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	9:00:00	692.11
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	10:00:00	692.12
TA-GW-07	GW-07	12804480.24	593536.77	689.62	5/23/2019	11:00:00	692.14

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	11:02:00	693.22
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	12:02:00	693.23
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	13:02:00	693.18
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	14:02:00	693.18
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	15:02:00	693.14
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	16:02:00	693.12
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	17:02:00	693.1
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	18:02:00	693.05
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	19:02:00	693.04
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	20:02:00	693.03
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	21:02:00	693
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	22:02:00	692.97
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/5/2019	23:02:00	692.95
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	0:02:00	692.94
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	1:02:00	692.92
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	2:02:00	692.91
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	3:02:00	692.89
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	4:02:00	692.89
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	5:02:00	692.87
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	6:02:00	692.87
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	7:02:00	692.86
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	8:02:00	692.82
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	9:02:00	692.81
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	10:02:00	692.8
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	11:02:00	692.81
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	12:02:00	692.84
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	13:02:00	692.84
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	14:02:00	692.87
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	15:02:00	692.9
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	16:02:00	692.92
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	17:02:00	692.93
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	18:02:00	692.93
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	19:02:00	692.92
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	20:02:00	692.9
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	21:02:00	692.87
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	22:02:00	692.82
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/6/2019	23:02:00	692.8
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	0:02:00	692.78
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	1:02:00	692.77
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	2:02:00	692.76
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	3:02:00	692.73
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	4:02:00	692.73
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	5:02:00	692.71
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	6:02:00	692.7
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	7:02:00	692.68
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	8:02:00	692.65
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	9:02:00	692.66
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	10:02:00	692.61
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	11:02:00	692.6

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	12:02:00	692.59
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	13:02:00	692.58
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	14:02:00	692.57
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	15:02:00	692.57
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	16:02:00	692.56
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	17:02:00	692.57
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	18:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	19:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	20:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	21:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	22:02:00	692.51
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/7/2019	23:02:00	692.49
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	0:02:00	692.48
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	1:02:00	692.47
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	2:02:00	692.48
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	3:02:00	692.47
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	4:02:00	692.47
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	5:02:00	692.46
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	6:02:00	692.45
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	7:02:00	692.43
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	8:02:00	692.4
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	9:02:00	692.42
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	10:02:00	692.44
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	11:02:00	692.44
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	12:02:00	692.45
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	13:02:00	692.46
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	14:02:00	692.46
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	15:02:00	692.48
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	16:02:00	692.49
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	17:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	18:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	19:02:00	692.51
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	20:02:00	692.53
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	21:02:00	692.53
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	22:02:00	692.53
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/8/2019	23:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	0:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	1:02:00	692.57
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	2:02:00	692.57
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	3:02:00	692.58
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	4:02:00	692.58
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	5:02:00	692.56
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	6:02:00	692.67
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	7:02:00	692.77
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	8:02:00	692.85
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	9:02:00	693.07
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/9/2019	10:02:00	693.22
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	0:02:00	692.6
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	1:02:00	692.61

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	2:02:00	692.62
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	3:02:00	692.62
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	4:02:00	692.62
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	5:02:00	692.63
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	6:02:00	692.61
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	7:02:00	692.61
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	8:02:00	692.61
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	9:02:00	692.6
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	10:02:00	692.58
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	11:02:00	692.59
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	12:02:00	692.6
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	13:02:00	692.59
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	14:02:00	692.58
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	15:02:00	692.59
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	16:02:00	692.58
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	17:02:00	692.58
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	18:02:00	692.57
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	19:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	20:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	21:02:00	692.53
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	22:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/12/2019	23:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	0:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	1:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	2:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	3:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	4:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	5:02:00	692.58
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	6:02:00	692.57
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	7:02:00	692.57
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	8:02:00	692.55
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	9:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	10:02:00	692.54
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	11:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	12:02:00	692.52
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	13:02:00	692.51
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	14:02:00	692.47
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	15:02:00	692.44
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	16:02:00	692.43
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	17:02:00	692.41
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	18:02:00	692.4
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	19:02:00	692.39
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	20:02:00	692.38
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	21:02:00	692.37
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	22:02:00	692.35
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/13/2019	23:02:00	692.33
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	0:02:00	692.33
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	1:02:00	692.31
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	2:02:00	692.31

GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	3:02:00	692.32
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	4:02:00	692.3
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	5:02:00	692.29
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	6:02:00	692.27
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	7:02:00	692.28
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	8:02:00	692.27
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	9:02:00	692.26
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	10:02:00	692.26
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	11:02:00	692.25
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	12:02:00	692.24
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	13:02:00	692.25
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	14:02:00	692.27
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	15:02:00	692.28
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	16:02:00	692.29
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	17:02:00	692.27
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	18:02:00	692.27
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	19:02:00	692.28
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	20:02:00	692.29
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	21:02:00	692.27
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	22:02:00	692.26
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/14/2019	23:02:00	692.24
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	0:02:00	692.25
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	1:02:00	692.24
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	2:02:00	692.24
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	3:02:00	692.25
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	4:02:00	692.25
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	5:02:00	692.25
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	6:02:00	692.23
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	7:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	8:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	9:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	10:02:00	692.22
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	11:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	12:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	13:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	14:02:00	692.23
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	15:02:00	692.23
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	16:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	17:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	18:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	19:02:00	692.19
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	20:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	21:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	22:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/15/2019	23:02:00	692.19
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	0:02:00	692.19
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	1:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	2:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	3:02:00	692.21

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	4:02:00	692.22
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	5:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	6:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	7:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	8:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	9:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	10:02:00	692.21
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	11:02:00	692.22
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	12:02:00	692.2
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	13:02:00	692.25
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	14:02:00	692.29
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	15:02:00	692.3
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	16:02:00	692.31
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	17:02:00	692.31
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	18:02:00	692.28
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	19:02:00	692.29
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	20:02:00	692.28
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	21:02:00	692.27
TA-MW-1	MW-1	12804446.99	593687.11	688.57	5/16/2019	22:02:00	692.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/5/2019	11:02:00	692.51
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/6/2019	11:02:00	692.21
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	7:03:00	692.1
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	8:03:00	692.06
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	9:03:00	692.06
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	10:03:00	692.03
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	11:03:00	692
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	12:03:00	691.99
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	13:03:00	691.98
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	14:03:00	691.99
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	15:03:00	691.96
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	16:03:00	691.95
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	17:03:00	691.97
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	18:03:00	692.03
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	19:03:00	692.04
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	20:03:00	692.02
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	21:03:00	692.02
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	22:03:00	692
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	23:03:00	691.99
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	0:03:00	691.99
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	1:03:00	691.96
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	2:03:00	691.97
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	3:03:00	691.94
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	4:03:00	691.95
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	5:03:00	691.94
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	6:03:00	691.94
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	7:03:00	691.92
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	8:03:00	691.9
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	9:03:00	691.9
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	10:03:00	691.9

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	11:03:00	691.9
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	12:03:00	691.92
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	13:03:00	691.98
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	14:03:00	692.01
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	15:03:00	692.03
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	16:03:00	692.05
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	17:03:00	692.09
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	18:03:00	692.15
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	19:03:00	692.13
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	20:03:00	692.16
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	21:03:00	692.18
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	22:03:00	692.21
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/8/2019	23:03:00	692.17
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	0:03:00	692.2
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	1:03:00	692.22
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	2:03:00	692.23
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	3:03:00	692.25
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	4:03:00	692.3
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	5:03:00	692.22
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	6:03:00	692.27
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	7:03:00	692.3
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	8:03:00	692.29
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	9:03:00	692.45
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/9/2019	10:03:00	692.48
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:04:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:09:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:14:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:19:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:24:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:29:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:34:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:39:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:44:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:49:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:54:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	11:59:00	691.8
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:04:00	691.82
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:09:00	691.81
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:14:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:19:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:24:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:29:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:34:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:39:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:44:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:49:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:54:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	12:59:00	691.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:04:00	691.78

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:09:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:14:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:19:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:24:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:29:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:34:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:39:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:44:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:49:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:54:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	13:59:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:04:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:09:00	691.78
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:14:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:19:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:24:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:29:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:34:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:39:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:44:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:49:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:54:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	14:59:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:04:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:09:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:14:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:19:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:24:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:29:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:34:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:39:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:44:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:49:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:54:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	15:59:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:04:00	691.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:09:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:14:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:19:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:24:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:29:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:34:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:39:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:44:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:49:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:54:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	16:59:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:04:00	691.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:09:00	691.75

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:14:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:19:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:24:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:29:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:34:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:39:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:44:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:49:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:54:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	17:59:00	691.72
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:04:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:09:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:14:00	691.72
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:19:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:24:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:29:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:34:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:39:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:44:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:49:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:54:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	18:59:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:04:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:09:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:14:00	691.74
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/7/2019	11:02:00	692.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/8/2019	11:02:00	691.89
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/12/2019	11:02:00	691.61
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	0:02:00	691.56
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	1:02:00	691.56
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	2:02:00	691.55
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	3:02:00	691.58
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	4:02:00	691.61
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	5:02:00	691.62
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	6:02:00	691.61
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	7:02:00	691.61
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	8:02:00	691.59
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	9:02:00	691.58
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	10:02:00	691.58
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:02:00	691.58
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:07:00	691.58
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:12:00	691.57
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:17:00	691.58
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:22:00	691.57
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:27:00	691.57
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:32:00	691.58
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:37:00	691.52
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:42:00	691.47
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:47:00	691.43

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:52:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	11:57:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:02:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:07:00	691.24
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:12:00	691.22
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:17:00	691.2
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:22:00	691.18
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:27:00	691.17
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:32:00	691.14
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:37:00	691.14
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:42:00	691.13
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:47:00	691.13
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:52:00	691.1
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	12:57:00	691.09
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:02:00	691.09
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:07:00	691.08
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:12:00	691.07
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:17:00	691.07
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:22:00	691.06
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:27:00	691.06
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:32:00	691.06
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:37:00	691.04
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:42:00	691.04
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:47:00	691.05
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:52:00	691.04
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	13:57:00	691.04
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:02:00	691.04
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:07:00	691.03
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:12:00	691.03
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:17:00	691.04
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:22:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:27:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:32:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:37:00	691.03
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:42:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:47:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:52:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	14:57:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:02:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:22:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:27:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:32:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:42:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:47:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:52:00	691.02

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	15:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:02:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:07:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:32:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:42:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	16:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:27:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:32:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:42:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:47:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:52:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	17:57:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:17:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:42:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:47:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:52:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	18:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:07:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:12:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:17:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:22:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:27:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:37:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:42:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:47:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:52:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	19:57:00	691.02

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:02:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:07:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:12:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:17:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:22:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:27:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:32:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:37:00	691.03
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:42:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:47:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:52:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	20:57:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:02:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:12:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:22:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:27:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:37:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:52:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	21:57:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:02:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:42:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	22:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:32:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:42:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/13/2019	23:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:02:00	691.02

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	0:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	1:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:42:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	2:57:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:07:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	3:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:02:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:07:00	691

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:37:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:52:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	4:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:12:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:32:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:37:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:42:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:52:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	5:57:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:07:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:12:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:17:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:32:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:37:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:42:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:52:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	6:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:07:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:12:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:17:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:22:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:32:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:37:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:42:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:47:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:52:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	7:57:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:02:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:07:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:12:00	690.97

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:17:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:22:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:27:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:32:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:37:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:42:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:52:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	8:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:07:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:12:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:17:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:32:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:37:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:42:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:52:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	9:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:07:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:12:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:17:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:32:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:37:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:42:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	10:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:12:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:17:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:32:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:37:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:42:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:47:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:52:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	11:57:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:02:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:07:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:12:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:17:00	690.98

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:22:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:32:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:37:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:42:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	12:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:12:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:17:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:27:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:32:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:42:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	13:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:02:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	14:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:27:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:42:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	15:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:22:00	691

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:42:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	16:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	17:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:07:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:42:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:52:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	18:57:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:02:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:07:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:17:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:27:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:32:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:37:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:42:00	691.03
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:47:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	19:57:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:02:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:07:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:12:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:17:00	691.03
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:22:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:27:00	691.02

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:32:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:37:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:42:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:47:00	691.03
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:52:00	691.03
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	20:57:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:02:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:07:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:12:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:27:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:42:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	21:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:22:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	22:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/14/2019	23:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:32:00	691

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	0:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:07:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:12:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:52:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	1:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	2:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:27:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	3:57:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:07:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:37:00	691.01

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:42:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:47:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	4:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:02:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:42:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:52:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	5:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:07:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:12:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:17:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:22:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:27:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:32:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:37:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:42:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:47:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:52:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	6:57:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:07:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:12:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:17:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:22:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:27:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:32:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:37:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:42:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:47:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:52:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	7:57:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:02:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:07:00	690.96
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:12:00	690.96
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:17:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:22:00	690.96
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:27:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:32:00	690.96
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:37:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:42:00	690.98

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:47:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:52:00	690.96
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	8:57:00	690.95
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:02:00	690.96
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:07:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:12:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:17:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:22:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:27:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:32:00	690.97
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:42:00	690.9
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:47:00	690.9
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:52:00	690.9
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	9:57:00	690.91
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:02:00	690.91
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:07:00	690.92
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:12:00	690.92
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:17:00	690.92
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:22:00	690.91
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:27:00	690.91
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:32:00	690.92
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:37:00	690.92
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:42:00	690.91
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:47:00	690.92
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:52:00	690.93
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	10:57:00	690.92
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:02:00	690.92
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:07:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:37:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:42:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:52:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	11:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:07:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:12:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:17:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:27:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:32:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:37:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:42:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:47:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:52:00	690.99

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	12:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:02:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:07:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:17:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:22:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:27:00	690.98
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:32:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:37:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:42:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	13:57:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:12:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:32:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:52:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	14:57:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:12:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:17:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:22:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:37:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:42:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:47:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:52:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	15:57:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:02:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:07:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:12:00	690.99
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:17:00	691.01
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:22:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:27:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:32:00	691
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:37:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:42:00	691.02
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:47:00	691.03
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:52:00	691.04
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	16:57:00	691.04

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:02:00	691.05
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:07:00	691.06
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:12:00	691.06
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:17:00	691.08
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:22:00	691.08
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:27:00	691.09
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:32:00	691.09
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:37:00	691.1
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:42:00	691.11
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:47:00	691.12
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:52:00	691.13
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	17:57:00	691.13
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:02:00	691.13
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:07:00	691.14
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:12:00	691.15
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:17:00	691.16
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:22:00	691.15
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:27:00	691.17
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:32:00	691.18
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:37:00	691.19
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:42:00	691.17
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:47:00	691.19
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:52:00	691.2
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	18:57:00	691.21
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:02:00	691.21
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:07:00	691.21
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:12:00	691.21
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:17:00	691.22
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:22:00	691.23
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:27:00	691.23
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:32:00	691.24
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:37:00	691.24
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:42:00	691.25
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:47:00	691.24
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:52:00	691.25
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	19:57:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:02:00	691.25
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:07:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:12:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:17:00	691.24
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:22:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:27:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:32:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:37:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:42:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:47:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:52:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	20:57:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:02:00	691.28

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:07:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:12:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:17:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:22:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:27:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:32:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:37:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:42:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:47:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:52:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	21:57:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:02:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:07:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:12:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:17:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:22:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:27:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:32:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:37:00	691.26
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:42:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:47:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:52:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	22:57:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:02:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:07:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:12:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:17:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:22:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:27:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:32:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:37:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:42:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:47:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:52:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/15/2019	23:57:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:02:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:07:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:12:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:17:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:22:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:27:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:32:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:37:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:42:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:47:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:52:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	0:57:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:02:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:07:00	691.29

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:12:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:17:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:22:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:27:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:32:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:37:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:42:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:47:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:52:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	1:57:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:02:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:07:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:12:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:17:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:22:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:27:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:32:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:37:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:42:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:47:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:52:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	2:57:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:02:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:07:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:12:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:17:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:22:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:27:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:32:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:37:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:42:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:47:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:52:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	3:57:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:02:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:07:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:12:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:17:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:22:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:27:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:32:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:37:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:42:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:47:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:52:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	4:57:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:02:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:07:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:12:00	691.29

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:17:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:22:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:27:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:32:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:37:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:42:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:47:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:52:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	5:57:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:02:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:07:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:12:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:17:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:22:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:27:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:32:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:37:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:42:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:47:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:52:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	6:57:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:02:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:07:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:12:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:17:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:22:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:27:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:32:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:37:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:42:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:47:00	691.27
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:52:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	7:57:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:02:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:07:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:12:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:17:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:22:00	691.28
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:27:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:32:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:37:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:42:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:47:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:52:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	8:57:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:02:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:07:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:12:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:17:00	691.31

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:22:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:27:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:32:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:37:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:42:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:47:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:52:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	9:57:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:02:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:07:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:12:00	691.32
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:17:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:22:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:27:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:32:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:37:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:42:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:47:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:52:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	10:57:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:02:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:07:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:12:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:17:00	691.29
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:22:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:27:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:32:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:37:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:42:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:47:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:52:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	11:57:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:02:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:07:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:12:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:17:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:22:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:27:00	691.3
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:32:00	691.32
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:37:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:42:00	691.32
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:47:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:52:00	691.32
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	12:57:00	691.31
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:02:00	691.32
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:07:00	691.32
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:12:00	691.33
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:17:00	691.32
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:22:00	691.33

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:27:00	691.32
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:32:00	691.33
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:37:00	691.33
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:42:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:47:00	691.33
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:52:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	13:57:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:02:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:07:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:12:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:17:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:22:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:27:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:32:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:37:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:42:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:47:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:52:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	14:57:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:02:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:07:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:12:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:17:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:22:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:27:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:32:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:37:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:42:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:47:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:52:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	15:57:00	691.39
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:02:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:07:00	691.39
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:12:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:17:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:22:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:27:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:32:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:37:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:42:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:47:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:52:00	691.38
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	16:57:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:02:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:07:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:12:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:17:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:22:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:27:00	691.36

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:32:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:37:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:42:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:47:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:52:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	17:57:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:02:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:07:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:12:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:17:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:22:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:27:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:32:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:37:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:42:00	691.37
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:47:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:52:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	18:57:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:02:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:07:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:12:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:17:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:22:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:27:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:32:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:37:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:42:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:47:00	691.33
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:52:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	19:57:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:02:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:07:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:12:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:17:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:22:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:27:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:32:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:37:00	691.33
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:42:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:47:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:52:00	691.33
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	20:57:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:02:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:07:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:12:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:17:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:22:00	691.33
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:27:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:32:00	691.35

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:37:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:42:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:47:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:52:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	21:57:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:02:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:07:00	691.36
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:12:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:17:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:22:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:27:00	691.35
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:32:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:37:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:42:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:47:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:52:00	691.34
TA-PMW-02	PMW-2	12804469.41	593632.17	681.60	5/16/2019	22:57:00	691.34
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	11:52:00	691.79
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	12:52:00	691.76
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	13:52:00	691.76
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	14:52:00	691.74
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	15:52:00	691.74
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	16:52:00	691.73
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	17:52:00	691.71
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	18:52:00	691.71
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	19:52:00	691.72
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	20:52:00	691.7
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	21:52:00	691.66
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	22:52:00	691.64
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/5/2019	23:52:00	691.65
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	0:52:00	691.63
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	1:52:00	691.62
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	2:52:00	691.6
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	3:52:00	691.6
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	4:52:00	691.59
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	5:52:00	691.57
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	6:52:00	691.56
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	7:52:00	691.53
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	8:52:00	691.52
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	9:52:00	691.51
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	10:52:00	691.52
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	11:52:00	691.47
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	12:52:00	691.44
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	13:52:00	691.42
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	14:52:00	691.41
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	15:52:00	691.41
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	16:52:00	691.38
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	17:52:00	691.4
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	18:52:00	691.39

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	19:52:00	691.38
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	20:52:00	691.36
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	21:52:00	691.32
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	22:52:00	691.3
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/6/2019	23:52:00	691.3
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	0:52:00	691.3
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	1:52:00	691.3
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	2:52:00	691.27
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	3:52:00	691.29
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	4:52:00	691.27
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	5:52:00	691.25
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	6:52:00	691.24
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	7:52:00	691.2
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	8:52:00	691.21
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	9:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	10:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	11:52:00	691.16
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	12:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	13:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	14:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	15:52:00	691.14
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	16:52:00	691.16
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	17:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	18:52:00	691.23
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	19:52:00	691.21
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	20:52:00	691.21
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	21:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	22:52:00	691.19
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/7/2019	23:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	0:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	1:52:00	691.16
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	2:52:00	691.16
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	3:52:00	691.16
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	4:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	5:52:00	691.14
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	6:52:00	691.13
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	7:52:00	691.11
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	8:52:00	691.11
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	9:52:00	691.12
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	10:52:00	691.13
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	11:52:00	691.14
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	12:52:00	691.19
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	13:52:00	691.22
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	14:52:00	691.22
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	15:52:00	691.25
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	16:52:00	691.29
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	17:52:00	691.32
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	18:52:00	691.3
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	19:52:00	691.34

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	20:52:00	691.33
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	21:52:00	691.35
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	22:52:00	691.31
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/8/2019	23:52:00	691.34
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	0:52:00	691.35
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	1:52:00	691.38
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	2:52:00	691.38
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	3:52:00	691.41
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	4:52:00	691.35
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	5:52:00	691.38
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	6:52:00	691.42
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	7:52:00	691.42
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	8:52:00	691.55
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	9:52:00	691.57
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/9/2019	10:52:00	691.6
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	0:52:00	691.43
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	1:52:00	691.43
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	2:52:00	691.44
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	3:52:00	691.45
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	4:52:00	691.47
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	5:52:00	691.45
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	6:52:00	691.46
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	7:52:00	691.44
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	8:52:00	691.44
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	9:52:00	691.43
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	10:52:00	691.43
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	11:52:00	691.44
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	12:52:00	691.44
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	13:52:00	691.45
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	14:52:00	691.44
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	15:52:00	691.45
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	16:52:00	691.44
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	17:52:00	691.45
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	18:52:00	691.42
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	19:52:00	691.41
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	20:52:00	691.41
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	21:52:00	691.41
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	22:52:00	691.4
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/12/2019	23:52:00	691.39
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	0:52:00	691.39
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	1:52:00	691.39
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	2:52:00	691.4
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	3:52:00	691.39
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	4:52:00	691.4
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	5:52:00	691.39
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	6:52:00	691.39
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	7:52:00	691.36
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	8:52:00	691.35
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	9:52:00	691.35

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	10:52:00	691.33
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	11:52:00	691.35
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	12:52:00	691.34
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	13:52:00	691.33
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	14:52:00	691.3
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	15:52:00	691.31
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	16:52:00	691.31
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	17:52:00	691.3
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	18:52:00	691.3
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	19:52:00	691.29
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	20:52:00	691.29
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	21:52:00	691.27
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	22:52:00	691.26
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/13/2019	23:52:00	691.25
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	0:52:00	691.25
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	1:52:00	691.24
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	2:52:00	691.24
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	3:52:00	691.23
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	4:52:00	691.22
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	5:52:00	691.2
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	6:52:00	691.2
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	7:52:00	691.19
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	8:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	9:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	10:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	11:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	12:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	13:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	14:52:00	691.2
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	15:52:00	691.2
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	16:52:00	691.21
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	17:52:00	691.2
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	18:52:00	691.2
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	19:52:00	691.21
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	20:52:00	691.2
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	21:52:00	691.2
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	22:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/14/2019	23:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	0:52:00	691.17
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	1:52:00	691.17
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	2:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	3:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	4:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	5:52:00	691.17
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	6:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	7:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	8:52:00	691.14
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	9:52:00	691.14
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	10:52:00	691.14

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	11:52:00	691.13
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	12:52:00	691.14
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	13:52:00	691.16
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	14:52:00	691.16
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	15:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	16:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	17:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	18:52:00	691.14
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	19:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	20:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	21:52:00	691.12
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	22:52:00	691.12
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/15/2019	23:52:00	691.1
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	0:52:00	691.11
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	1:52:00	691.12
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	2:52:00	691.1
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	3:52:00	691.12
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	4:52:00	691.11
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	5:52:00	691.12
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	6:52:00	691.1
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	7:52:00	691.09
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	8:52:00	691.11
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	9:52:00	691.11
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	10:52:00	691.11
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	11:52:00	691.11
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	12:52:00	691.11
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	13:52:00	691.14
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	14:52:00	691.16
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	15:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	16:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	17:52:00	691.18
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	18:52:00	691.16
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	19:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	20:52:00	691.14
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	21:52:00	691.15
TA-PMW-04	PMW-4	12804418.62	593737.88	682.90	5/16/2019	22:52:00	691.14
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	0:00:00	691.47
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	1:00:00	691.47
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	2:00:00	691.47
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	3:00:00	691.49
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	4:00:00	691.49
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	5:00:00	691.5
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	6:00:00	691.49
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	7:00:00	691.47
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	8:00:00	691.46
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	9:00:00	691.46
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	10:00:00	691.45
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	11:00:00	691.46
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	12:00:00	691.48

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	13:00:00	691.47
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	14:00:00	691.46
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	15:00:00	691.46
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	16:00:00	691.46
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	17:00:00	691.46
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	18:00:00	691.46
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	19:00:00	691.45
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	20:00:00	691.44
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	21:00:00	691.42
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	22:00:00	691.42
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/12/2019	23:00:00	691.42
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	0:00:00	691.41
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	1:00:00	691.41
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	2:00:00	691.4
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	3:00:00	691.42
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	4:00:00	691.42
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	5:00:00	691.42
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	6:00:00	691.41
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	7:00:00	691.4
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	8:00:00	691.38
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	9:00:00	691.38
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	10:00:00	691.38
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	11:00:00	691.38
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	12:00:00	691.38
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	13:00:00	691.37
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	14:00:00	691.34
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	15:00:00	691.31
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	16:00:00	691.3
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	17:00:00	691.28
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	18:00:00	691.27
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	19:00:00	691.25
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	20:00:00	691.26
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	21:00:00	691.26
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	22:00:00	691.23
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/13/2019	23:00:00	691.21
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	0:00:00	691.21
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	1:00:00	691.21
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	2:00:00	691.2
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	3:00:00	691.2
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	4:00:00	691.18
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	5:00:00	691.18
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	6:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	7:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	8:00:00	691.14
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	9:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	10:00:00	691.14
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	11:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	12:00:00	691.14
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	13:00:00	691.16

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	14:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	15:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	16:00:00	691.18
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	17:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	18:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	19:00:00	691.18
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	20:00:00	691.18
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	21:00:00	691.18
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	22:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/14/2019	23:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	0:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	1:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	2:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	3:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	4:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	5:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	6:00:00	691.13
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	7:00:00	691.13
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	8:00:00	691.12
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	9:00:00	691.11
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	10:00:00	691.13
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	11:00:00	691.13
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	12:00:00	691.11
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	13:00:00	691.12
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	14:00:00	691.12
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	15:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	16:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	17:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	18:00:00	691.18
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	19:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	20:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	21:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	22:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/15/2019	23:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	0:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	1:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	2:00:00	691.18
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	3:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	4:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	5:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	6:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	7:00:00	691.15
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	8:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	9:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	10:00:00	691.17
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	11:00:00	691.16
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	12:00:00	691.18
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	13:00:00	691.2
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	14:00:00	691.25

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	15:00:00	691.25
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	16:00:00	691.25
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	17:00:00	691.24
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	18:00:00	691.22
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	19:00:00	691.23
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	20:00:00	691.22
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	21:00:00	691.21
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	22:00:00	691.23
TA-PMW-08	PMW-8	12804431.14	593623.58	683.50	5/16/2019	23:00:00	691.21
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	11:03:00	692.75
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	12:03:00	692.74
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	13:03:00	692.72
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	14:03:00	692.7
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	15:03:00	692.68
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	16:03:00	692.67
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	17:03:00	692.67
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	18:03:00	692.64
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	19:03:00	692.67
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	20:03:00	692.68
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	21:03:00	692.66
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	22:03:00	692.65
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/5/2019	23:03:00	692.63
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	0:03:00	692.63
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	1:03:00	692.63
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	2:03:00	692.6
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	3:03:00	692.6
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	4:03:00	692.61
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	5:03:00	692.6
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	6:03:00	692.6
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	7:03:00	692.59
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	8:03:00	692.57
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	9:03:00	692.56
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	10:03:00	692.56
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	11:03:00	692.57
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	12:03:00	692.35
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	13:03:00	692.31
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	14:03:00	692.29
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	15:03:00	692.27
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	16:03:00	692.25
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	17:03:00	692.22
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	18:03:00	692.22
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	19:03:00	692.22
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	20:03:00	692.21
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	21:03:00	692.22
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	22:03:00	692.15
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/6/2019	23:03:00	692.16
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	0:03:00	692.14
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	1:03:00	692.13
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	2:03:00	692.12

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	3:03:00	692.12
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	4:03:00	692.12
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	5:03:00	692.11
TA-MW-2	MW-2	12804397.99	593840.11	689.46	5/7/2019	6:03:00	692.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:19:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:24:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:29:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:34:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:39:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:44:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:49:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:54:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	19:59:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:04:00	691.75
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:09:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:14:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:19:00	691.72
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:24:00	691.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:29:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:34:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:39:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:44:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:49:00	691.73
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:54:00	691.72
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	20:59:00	691.71
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:04:00	691.71
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:09:00	691.72
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:14:00	691.71
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:19:00	691.71
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:24:00	691.71
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:29:00	691.71
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:34:00	691.7
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:39:00	691.7
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:44:00	691.71
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:49:00	691.71
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:54:00	691.71
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	21:59:00	691.7
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:04:00	691.7
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:09:00	691.69
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:14:00	691.69
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:19:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:24:00	691.69
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:29:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:34:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:39:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:44:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:49:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:54:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	22:59:00	691.67

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:04:00	691.66
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:09:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:14:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:19:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:24:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:29:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:34:00	691.66
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:39:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:44:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:49:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:54:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/5/2019	23:59:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:04:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:09:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:14:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:19:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:24:00	691.66
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:29:00	691.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:34:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:39:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:44:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:49:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:54:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	0:59:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:04:00	691.66
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:09:00	691.66
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:14:00	691.66
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:19:00	691.66
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:24:00	691.67
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:29:00	691.66
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:34:00	691.66
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:39:00	691.65
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:44:00	691.65
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:49:00	691.65
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:54:00	691.65
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	1:59:00	691.64
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:04:00	691.64
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:09:00	691.64
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:14:00	691.65
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:19:00	691.64
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:24:00	691.64
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:29:00	691.64
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:34:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:39:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:44:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:49:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:54:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	2:59:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:04:00	691.63

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:09:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:14:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:19:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:24:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:29:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:34:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:39:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:44:00	691.64
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:49:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:54:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	3:59:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:04:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:09:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:14:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:19:00	691.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:24:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:29:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:34:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:39:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:44:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:49:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:54:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	4:59:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:04:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:09:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:14:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:19:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:24:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:29:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:34:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:39:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:44:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:49:00	691.62
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:54:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	5:59:00	691.6
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:04:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:09:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:14:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:19:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:24:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:29:00	691.6
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:34:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:39:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:44:00	691.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:49:00	691.6
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:54:00	691.6
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	6:59:00	691.6
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:04:00	691.6
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:09:00	691.6

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:14:00	691.59
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:19:00	691.59
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:24:00	691.59
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:29:00	691.59
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:34:00	691.58
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:39:00	691.57
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:44:00	691.58
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:49:00	691.57
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:54:00	691.57
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	7:59:00	691.56
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:04:00	691.57
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:09:00	691.56
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:14:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:19:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:24:00	691.56
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:29:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:34:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:39:00	691.56
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:44:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:49:00	691.56
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:54:00	691.56
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	8:59:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:04:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:09:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:14:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:19:00	691.53
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:24:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:29:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:34:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:39:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:44:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:49:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:54:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	9:59:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:04:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:09:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:14:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:19:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:24:00	691.55
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:29:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:34:00	691.56
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:39:00	691.57
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:44:00	691.57
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:49:00	691.56
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:54:00	691.58
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	10:59:00	691.57
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:04:00	691.5
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:09:00	691.31
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:14:00	691.13

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:19:00	690.98
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:24:00	690.86
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:29:00	690.76
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:34:00	690.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:39:00	690.63
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:44:00	690.58
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:49:00	690.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:54:00	690.51
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	11:59:00	690.49
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:04:00	690.46
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:09:00	690.43
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:14:00	690.43
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:19:00	690.41
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:24:00	690.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:29:00	690.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:34:00	690.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:39:00	690.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:44:00	690.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:49:00	690.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:54:00	690.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	12:59:00	690.32
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:04:00	690.31
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:09:00	690.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:14:00	690.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:19:00	690.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:24:00	690.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:29:00	690.27
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:34:00	690.27
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:39:00	690.26
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:44:00	690.26
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:49:00	690.24
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:54:00	690.24
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	13:59:00	690.24
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:04:00	690.25
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:09:00	690.24
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:14:00	690.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:19:00	690.22
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:24:00	690.22
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:29:00	690.22
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:34:00	690.21
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:39:00	690.2
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:44:00	690.2
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:49:00	690.2
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:54:00	690.2
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	14:59:00	690.21
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:04:00	690.18
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:09:00	690.2
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:14:00	690.18
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:19:00	690.18

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:24:00	690.18
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:29:00	690.19
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:34:00	690.19
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:39:00	690.19
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:44:00	690.18
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:49:00	690.18
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:54:00	690.17
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	15:59:00	690.17
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:04:00	690.17
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:09:00	690.17
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:14:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:19:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:24:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:29:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:34:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:39:00	690.17
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:44:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:49:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:54:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	16:59:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:04:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:09:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:14:00	690.17
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:19:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:24:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:29:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:34:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:39:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:44:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:49:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:54:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	17:59:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:04:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:09:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:14:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:19:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:24:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:29:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:34:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:39:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:44:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:49:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:54:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	18:59:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:04:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:09:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:14:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:19:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:24:00	690.14

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:29:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:34:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:39:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:44:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:49:00	690.15
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:54:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	19:59:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:04:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:09:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:14:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:19:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:24:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:29:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:34:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:39:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:44:00	690.12
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:49:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:54:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	20:59:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:04:00	690.12
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:09:00	690.11
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:14:00	690.11
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:19:00	690.11
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:24:00	690.11
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:29:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:34:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:39:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:44:00	690.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:49:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:54:00	690.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	21:59:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:04:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:09:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:14:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:19:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:24:00	690.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:29:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:34:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:39:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:44:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:49:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:54:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	22:59:00	690.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:04:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:09:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:14:00	690.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:19:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:24:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:29:00	690.08

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:34:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:39:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:44:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:49:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:54:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/6/2019	23:59:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:04:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:09:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:14:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:19:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:24:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:29:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:34:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:39:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:44:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:49:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:54:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	0:59:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:04:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:09:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:14:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:19:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:24:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:29:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:34:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:39:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:44:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:49:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:54:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	1:59:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:04:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:09:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:14:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:19:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:24:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:29:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:34:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:39:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:44:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:49:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:54:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	2:59:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:04:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:09:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:14:00	690.26
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:19:00	690.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:24:00	690.47
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:29:00	690.49
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:34:00	690.41

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:39:00	690.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:44:00	690.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:49:00	690.25
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:54:00	690.22
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	3:59:00	690.21
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:04:00	690.19
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:09:00	690.18
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:14:00	690.17
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:19:00	690.17
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:24:00	690.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:29:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:34:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:39:00	690.13
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:44:00	690.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:49:00	690.12
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:54:00	690.12
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	4:59:00	690.11
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:04:00	690.11
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:09:00	690.11
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:14:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:19:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:24:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:29:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:34:00	690.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:39:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:44:00	690.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:49:00	690.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:54:00	690.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	5:59:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:04:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:09:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:14:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:19:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:24:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:29:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:34:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:39:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:44:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:49:00	690.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:54:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	6:59:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:04:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:09:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:14:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:19:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:24:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:29:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:34:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:39:00	690.06

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:44:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:49:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:54:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	7:59:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:04:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:09:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:14:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:19:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:24:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:29:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:34:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:39:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:44:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:49:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:54:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	8:59:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:04:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:09:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:14:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:19:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:24:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:29:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:34:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:39:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:44:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:49:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:54:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	9:59:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:04:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:09:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:14:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:19:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:24:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:29:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:34:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:39:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:44:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:49:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:54:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	10:59:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:04:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:09:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:14:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:19:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:24:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:29:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:34:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:39:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:44:00	689.99

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:49:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:54:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	11:59:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:04:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:09:00	689.98
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:14:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:19:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:24:00	689.98
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:29:00	689.98
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:34:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:39:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:44:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:49:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:54:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	12:59:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:04:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:09:00	689.98
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:14:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:19:00	689.98
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:24:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:29:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:34:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:39:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:44:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:49:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:54:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	13:59:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:04:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:09:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:14:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:19:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:24:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:29:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:34:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:39:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:44:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:49:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:54:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	14:59:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:04:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:09:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:14:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:19:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:24:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:29:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:34:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:39:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:44:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:49:00	690

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:54:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	15:59:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:04:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:09:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:14:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:19:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:24:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:29:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:34:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:39:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:44:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:49:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:54:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	16:59:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:04:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:09:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:14:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:19:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:24:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:29:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:34:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:39:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:44:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:49:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	17:54:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:04:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:09:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:14:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:19:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:24:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:29:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:34:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:39:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:44:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:49:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:54:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	18:59:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:04:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:09:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:14:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:19:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:24:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:29:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:34:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:39:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:44:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:49:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:54:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	19:59:00	690.08

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:04:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:09:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:14:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:19:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:24:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:29:00	690.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:34:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:39:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:44:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:49:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:54:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	20:59:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:04:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:09:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:14:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:19:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:24:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:29:00	690.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:34:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:39:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:44:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:49:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:54:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	21:59:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:04:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:09:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:14:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:19:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:24:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:29:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:34:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:39:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:44:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:49:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:54:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	22:59:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:04:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:09:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:14:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:19:00	690.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:24:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:29:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:34:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:39:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:44:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:49:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:54:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/7/2019	23:59:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:04:00	690.04

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:09:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:14:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:19:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:24:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:29:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:34:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:39:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:44:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:49:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:54:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	0:59:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:04:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:09:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:14:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:19:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:24:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:29:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:34:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:39:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:44:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:49:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:54:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	1:59:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:04:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:09:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:14:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:19:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:24:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:29:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:34:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:39:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:44:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:49:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:54:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	2:59:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:04:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:09:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:14:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:19:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:24:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:29:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:34:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:39:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:44:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:49:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:54:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	3:59:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:04:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:09:00	690.03

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:14:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:19:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:24:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:29:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:34:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:39:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:44:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:49:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:54:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	4:59:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:04:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:09:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:14:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:19:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:24:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:29:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:34:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:39:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:44:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:49:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:54:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	5:59:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:04:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:09:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:14:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:19:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:24:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:29:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:34:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:39:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:44:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:49:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:54:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	6:59:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:04:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:09:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:14:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:19:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:24:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:29:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:34:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:39:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:44:00	689.98
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:49:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:54:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	7:59:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:04:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:09:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:14:00	690

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:19:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:24:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:29:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:34:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:39:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:44:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:49:00	689.98
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:54:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	8:59:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:04:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:09:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:14:00	689.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:19:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:24:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:29:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:34:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:39:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:44:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:49:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:54:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	9:59:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:04:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:09:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:14:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:19:00	690.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:24:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:29:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:34:00	690.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:39:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:44:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:49:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:54:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	10:59:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:04:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:09:00	690.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:14:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:19:00	690
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:24:00	690.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:29:00	690.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:34:00	690.12
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:39:00	690.19
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:44:00	690.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:49:00	690.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:54:00	690.41
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	11:59:00	690.47
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:04:00	690.53
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:09:00	690.57
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:14:00	690.61
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:19:00	690.64

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:24:00	690.68
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:29:00	690.72
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:34:00	690.74
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:39:00	690.77
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:44:00	690.79
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:49:00	690.81
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:54:00	690.81
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	12:59:00	690.85
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:04:00	690.85
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:09:00	690.87
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:14:00	690.89
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:19:00	690.9
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:24:00	690.9
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:29:00	690.92
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:34:00	690.94
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:39:00	690.94
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:44:00	690.94
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:49:00	690.96
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:54:00	690.97
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	13:59:00	690.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:04:00	690.98
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:09:00	690.99
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:14:00	691
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:19:00	691.01
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:24:00	691.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:29:00	691.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:34:00	691.02
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:39:00	691.03
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:44:00	691.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:49:00	691.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:54:00	691.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	14:59:00	691.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:04:00	691.04
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:09:00	691.05
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:14:00	691.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:19:00	691.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:24:00	691.06
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:29:00	691.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:34:00	691.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:39:00	691.07
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:44:00	691.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:49:00	691.08
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:54:00	691.09
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	15:59:00	691.1
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:04:00	691.11
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:09:00	691.11
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:14:00	691.12
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:19:00	691.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:24:00	691.14

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:29:00	691.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:34:00	691.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:39:00	691.14
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:44:00	691.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:49:00	691.16
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:54:00	691.18
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	16:59:00	691.18
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:04:00	691.19
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:09:00	691.19
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:14:00	691.19
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:19:00	691.2
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:24:00	691.2
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:29:00	691.22
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:34:00	691.21
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:39:00	691.22
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:44:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:49:00	691.22
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:54:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	17:59:00	691.24
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:04:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:09:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:14:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:19:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:24:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:29:00	691.24
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:34:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:39:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:44:00	691.22
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:49:00	691.24
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:54:00	691.22
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	18:59:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:04:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:09:00	691.23
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:14:00	691.24
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:19:00	691.26
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:24:00	691.25
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:29:00	691.25
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:34:00	691.26
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:39:00	691.26
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:44:00	691.26
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:49:00	691.26
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:54:00	691.27
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	19:59:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:04:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:09:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:14:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:19:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:24:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:29:00	691.29

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:34:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:39:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:44:00	691.3
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:49:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:54:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	20:59:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:04:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:09:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:14:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:19:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:24:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:29:00	691.3
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:34:00	691.3
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:39:00	691.3
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:44:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:49:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:54:00	691.31
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	21:59:00	691.3
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:04:00	691.3
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:09:00	691.3
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:14:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:19:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:24:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:29:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:34:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:39:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:44:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:49:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:54:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	22:59:00	691.27
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:04:00	691.28
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:09:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:14:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:19:00	691.29
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:24:00	691.31
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:29:00	691.31
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:34:00	691.31
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:39:00	691.31
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:44:00	691.32
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:49:00	691.32
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:54:00	691.32
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/8/2019	23:59:00	691.3
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:04:00	691.31
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:09:00	691.32
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:14:00	691.32
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:19:00	691.32
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:24:00	691.32
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:29:00	691.3
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:34:00	691.32

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:39:00	691.32
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:44:00	691.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:49:00	691.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:54:00	691.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	0:59:00	691.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:04:00	691.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:09:00	691.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:14:00	691.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:19:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:24:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:29:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:34:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:39:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:44:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:49:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:54:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	1:59:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:04:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:09:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:14:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:19:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:24:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:29:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:34:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:39:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:44:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:49:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:54:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	2:59:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:04:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:09:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:14:00	691.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:19:00	691.4
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:24:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:29:00	691.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:34:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:39:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:44:00	691.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:49:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:54:00	691.42
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	3:59:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:04:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:09:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:14:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:19:00	691.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:24:00	691.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:29:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:34:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:39:00	691.36

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:44:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:49:00	691.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:54:00	691.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	4:59:00	691.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:04:00	691.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:09:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:14:00	691.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:19:00	691.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:24:00	691.33
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:29:00	691.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:34:00	691.34
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:39:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:44:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:49:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:54:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	5:59:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:04:00	691.36
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:09:00	691.35
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:14:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:19:00	691.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:24:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:29:00	691.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:34:00	691.37
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:39:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:44:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:49:00	691.4
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:54:00	691.4
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	6:59:00	691.4
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:04:00	691.4
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:09:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:14:00	691.4
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:19:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:24:00	691.41
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:29:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:34:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:39:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:44:00	691.39
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:49:00	691.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:54:00	691.38
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	7:59:00	691.43
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:04:00	691.42
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:09:00	691.47
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:14:00	691.44
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:19:00	691.46
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:24:00	691.45
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:29:00	691.46
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:34:00	691.46
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:39:00	691.48
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:44:00	691.47

APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:49:00	691.49
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:54:00	691.48
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	8:59:00	691.5
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:04:00	691.5
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:09:00	691.5
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:14:00	691.5
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:19:00	691.48
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:24:00	691.49
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:29:00	691.49
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:34:00	691.49
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:39:00	691.49
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:44:00	691.5
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:49:00	691.5
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:54:00	691.5
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	9:59:00	691.49
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:04:00	691.51
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:09:00	691.51
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:14:00	691.51
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:19:00	691.51
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:24:00	691.53
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:29:00	691.52
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:34:00	691.51
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:39:00	691.52
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:44:00	691.52
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:49:00	691.53
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:54:00	691.54
TA-PMW-01	PMW-1	12804407.08	593824.9	678.60	5/9/2019	10:59:00	691.54
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	11:57:00	691.38
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	12:57:00	691.37
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	13:57:00	691.36
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	14:57:00	691.36
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	15:57:00	691.35
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	16:57:00	691.37
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	17:57:00	691.33
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	18:57:00	691.36
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	19:57:00	691.37
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	20:57:00	691.34
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	21:57:00	691.33
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	22:57:00	691.29
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/5/2019	23:57:00	691.31
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	0:57:00	691.29
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	1:57:00	691.27
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	2:57:00	691.26
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	3:57:00	691.26
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	4:57:00	691.25
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	5:57:00	691.24
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	6:57:00	691.24
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	7:57:00	691.2
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	8:57:00	691.2

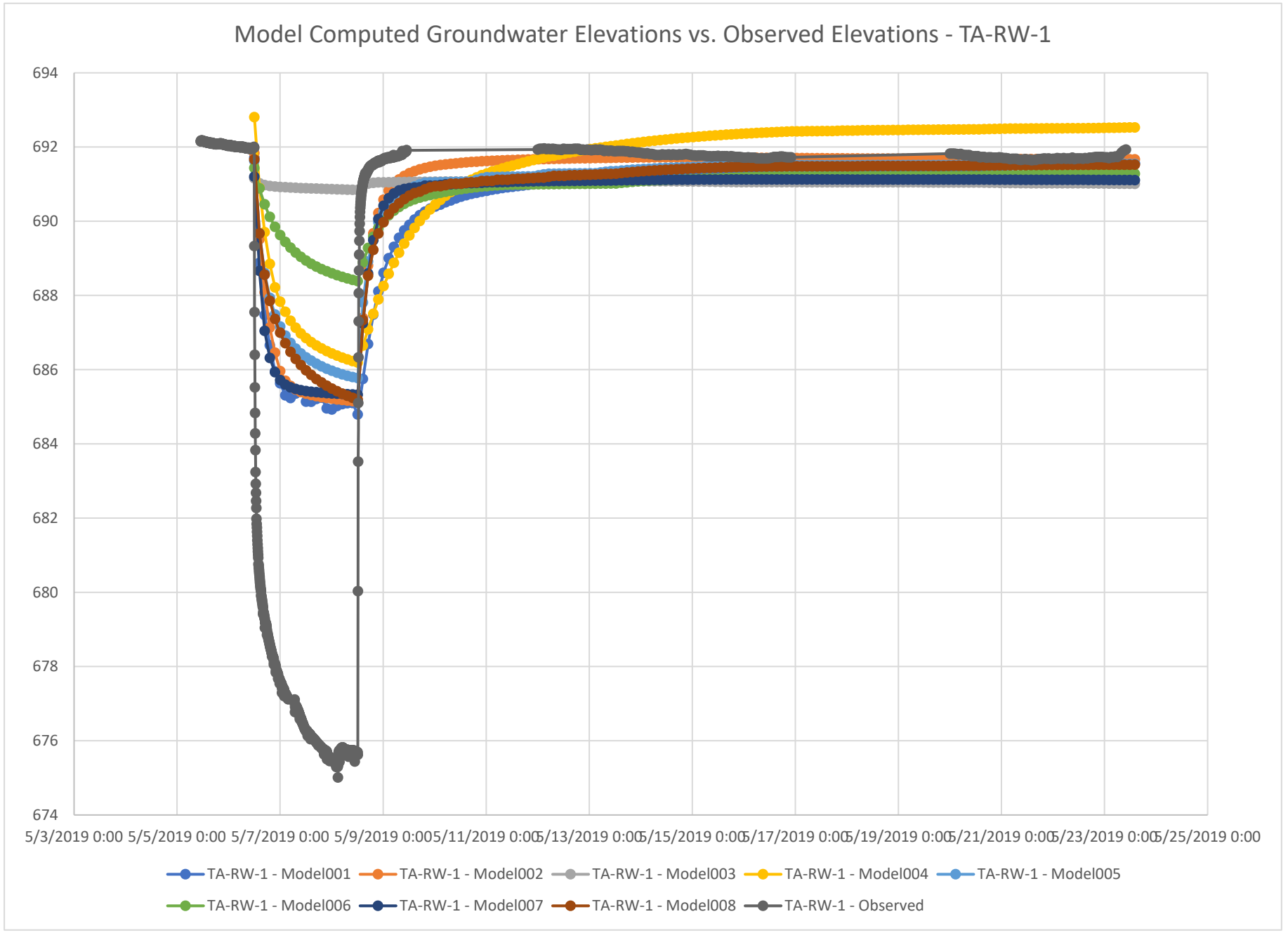
APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

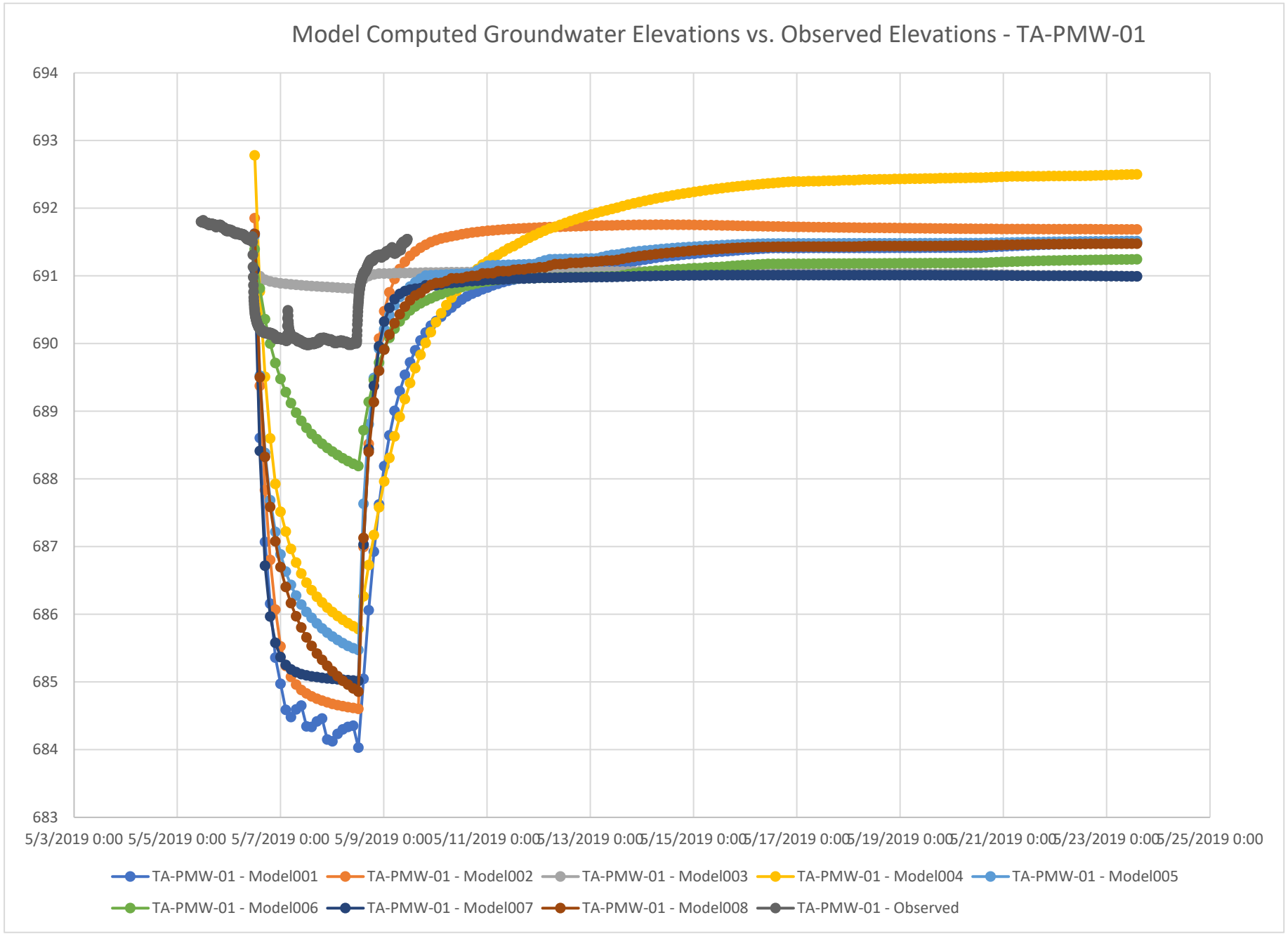
FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	9:57:00	691.19
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	10:57:00	691.2
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	11:57:00	691.18
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	12:57:00	691.15
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	13:57:00	691.11
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	14:57:00	691.09
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	15:57:00	691.08
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	16:57:00	691.06
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	17:57:00	691.06
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	18:57:00	691.05
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	19:57:00	691.04
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	20:57:00	691.04
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	21:57:00	690.99
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	22:57:00	690.99
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/6/2019	23:57:00	690.99
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	0:57:00	690.97
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	1:57:00	690.97
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	2:57:00	690.95
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	3:57:00	691
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	4:57:00	690.97
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	5:57:00	690.94
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	6:57:00	690.94
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	7:57:00	690.91
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	8:57:00	690.92
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	9:57:00	690.88
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	10:57:00	690.87
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	11:57:00	690.85
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	12:57:00	690.85
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	13:57:00	690.85
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	14:57:00	690.85
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	15:57:00	690.84
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	16:57:00	690.86
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	17:57:00	690.86
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	18:57:00	690.92
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	19:57:00	690.93
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	20:57:00	690.91
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	21:57:00	690.9
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	22:57:00	690.9
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/7/2019	23:57:00	690.88
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	0:57:00	690.86
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	1:57:00	690.88
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	2:57:00	690.86
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	3:57:00	690.88
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	4:57:00	690.85
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	5:57:00	690.87
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	6:57:00	690.86
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	7:57:00	690.83
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	8:57:00	690.82
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	9:57:00	690.84

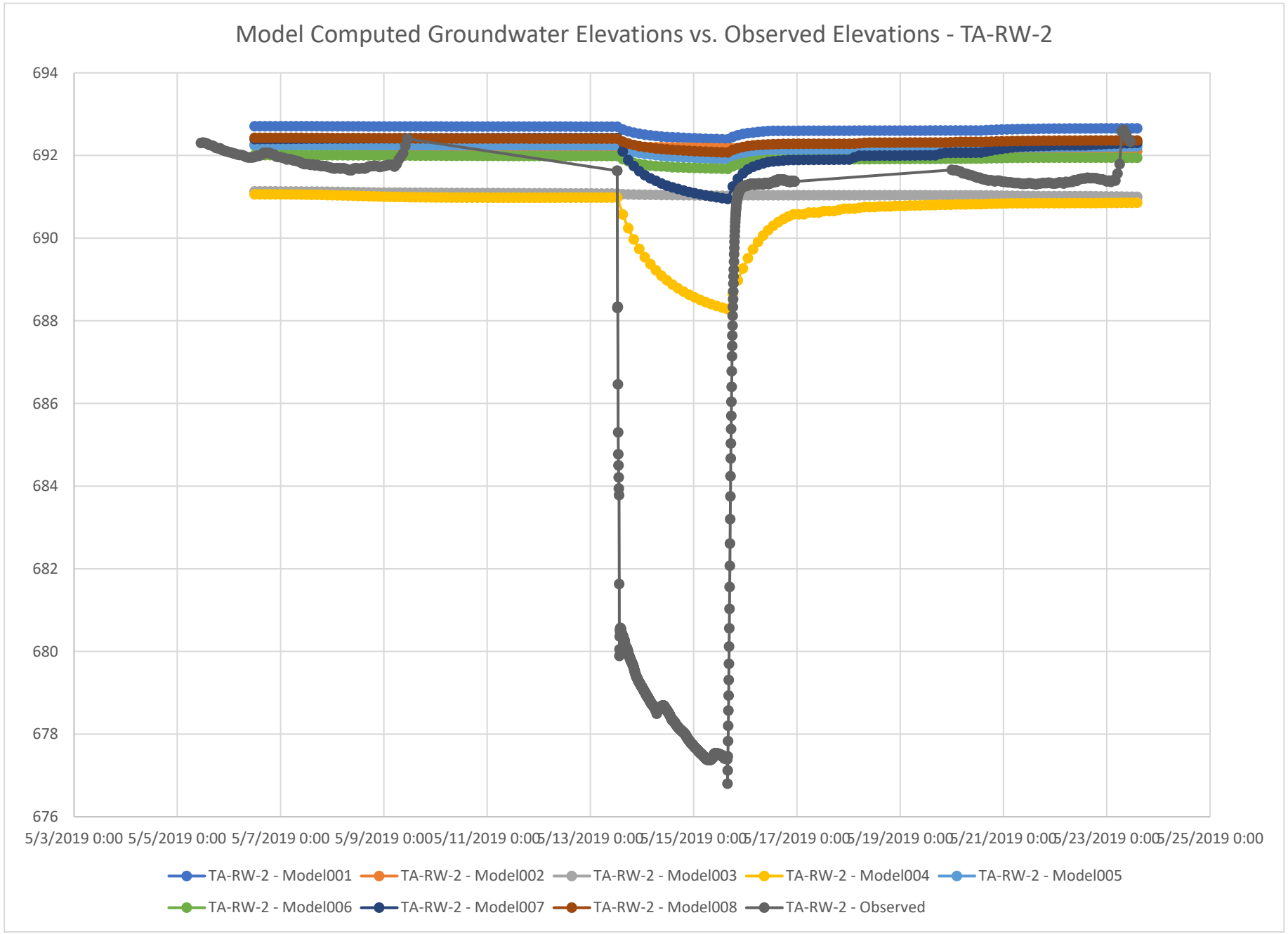
APPENDIX B
TRANSIENT MODEL CALIBRATION TARGETS
GROUNDWATER ELEVATION DATA DURING PUMPING TEST
(FROM 5/5/2019 TO 5/23/2019)

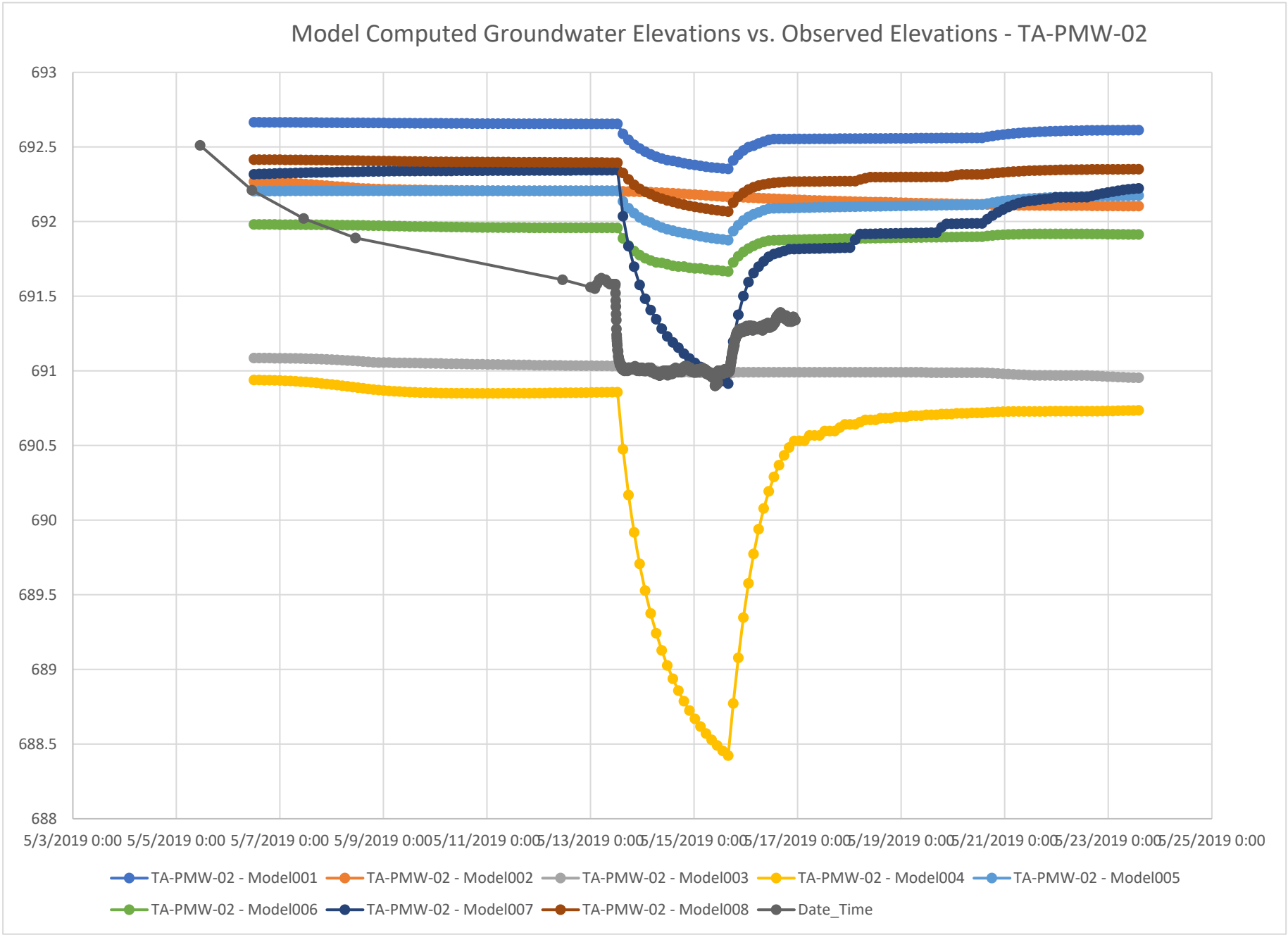
FIELDID	WELL_ID	X	Y	MID-SCREEN ELEVATION, FT	DATE	TIME	ELEVATION, FT
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	10:57:00	690.84
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	11:57:00	690.85
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	12:57:00	690.92
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	13:57:00	690.95
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	14:57:00	690.96
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	15:57:00	690.97
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	16:57:00	691
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	17:57:00	691.06
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	18:57:00	691.03
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	19:57:00	691.07
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	20:57:00	691.05
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	21:57:00	691.07
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	22:57:00	691.02
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/8/2019	23:57:00	691.05
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	0:57:00	691.05
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	1:57:00	691.08
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	2:57:00	691.08
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	3:57:00	691.12
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	4:57:00	691.03
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	5:57:00	691.07
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	6:57:00	691.08
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	7:57:00	691.14
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	8:57:00	691.17
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	9:57:00	691.14
TA-PMW-07	PMW-7	12804339.28	593797.58	677.90	5/9/2019	10:57:00	691.16

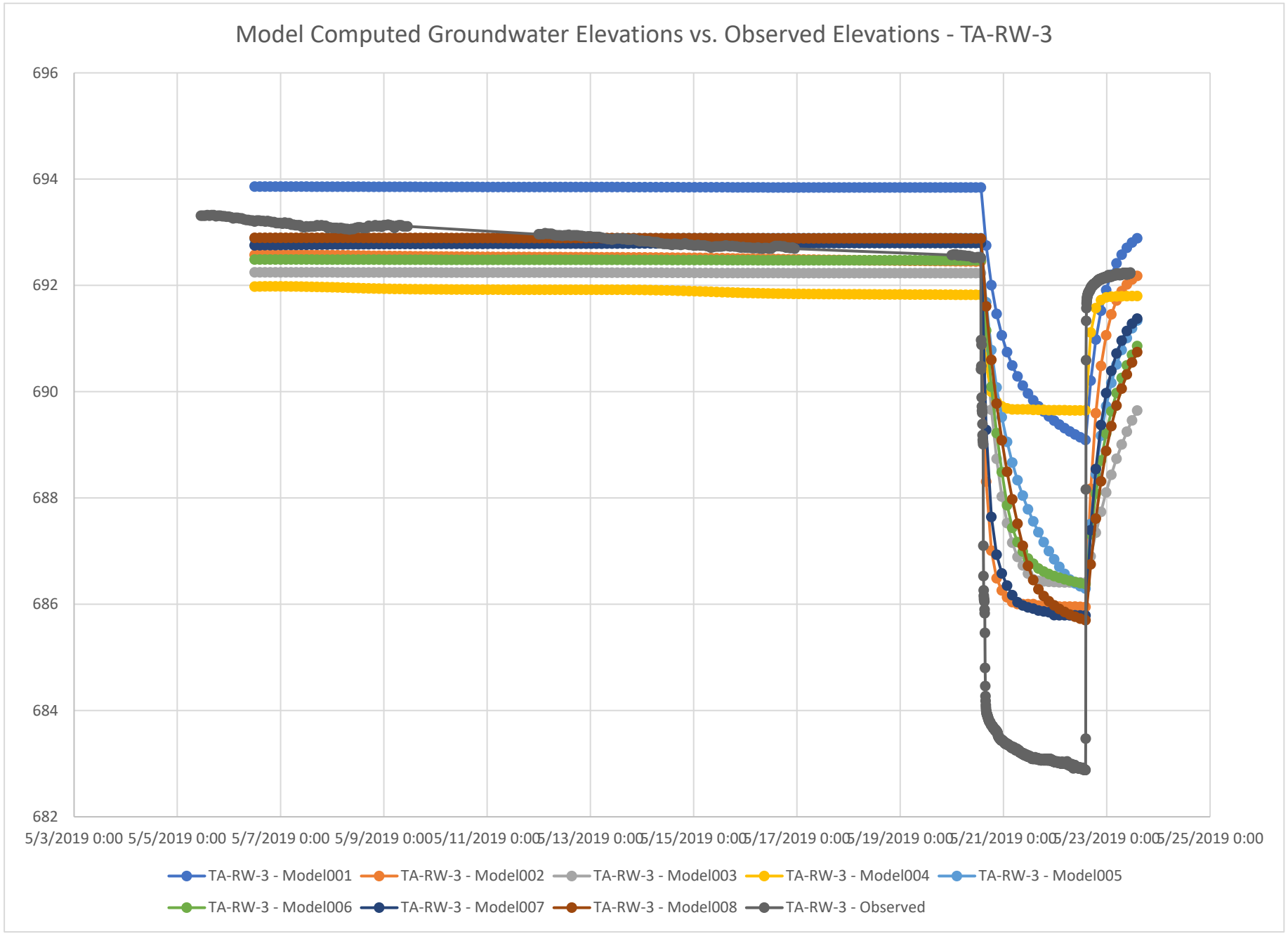
Appendix C –Stochastic Inverse Model Calibration – Time Series

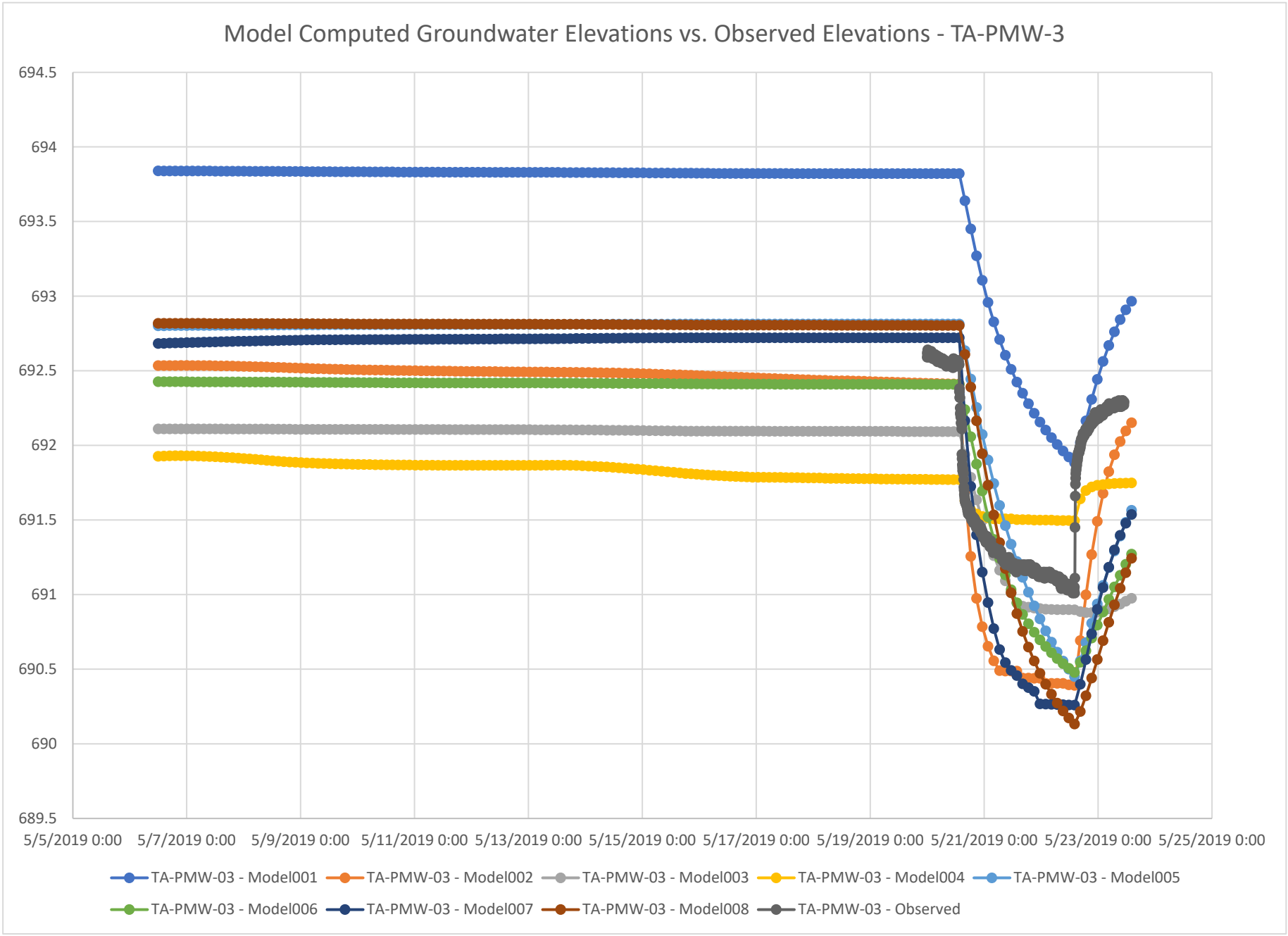

Model Computed Groundwater Elevations vs. Observed Elevations - TA-RW-1
694
692
690
688
686
684
682
680
678
676
674
5/3/2019 0:00
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-RW-1 - Model001
TA-RW-1 - Model002
TA-RW-1 - Model003
TA-RW-1 - Model004
TA-RW-1 - Model005
TA-RW-1 - Model006
TA-RW-1 - Model007
TA-RW-1 - Model008
TA-RW-1 - Observed

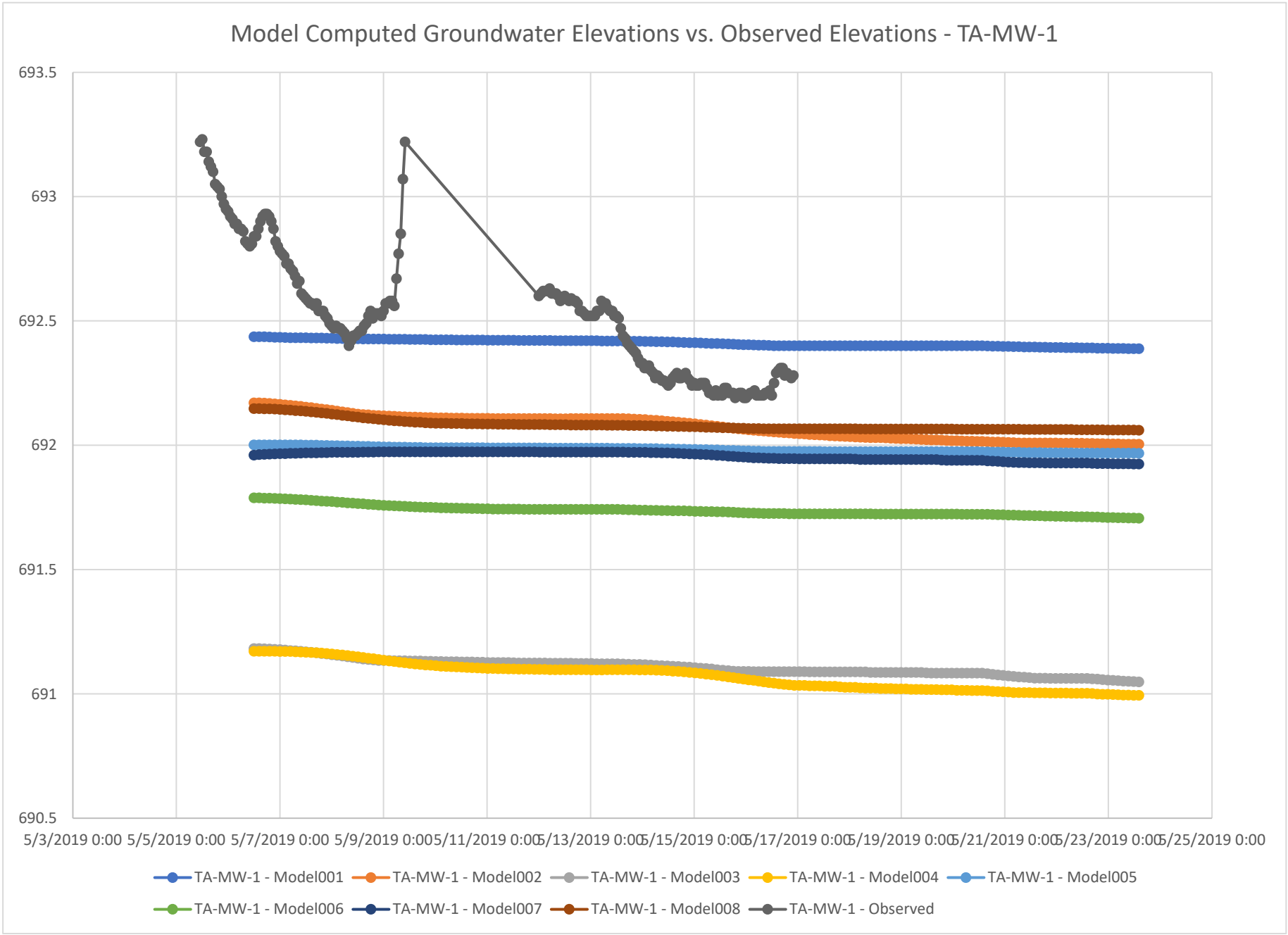

Model Computed Groundwater Elevations vs. Observed Elevations - TA-PMW-01
694
693
692
691
690
689
688
687
686
685
684
683
5/3/2019 0:00
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-PMW-01 - Model001
TA-PMW-01 - Model002
TA-PMW-01 - Model003
TA-PMW-01 - Model004
TA-PMW-01 - Model005
TA-PMW-01 - Model006
TA-PMW-01 - Model007
TA-PMW-01 - Model008
TA-PMW-01 - Observed

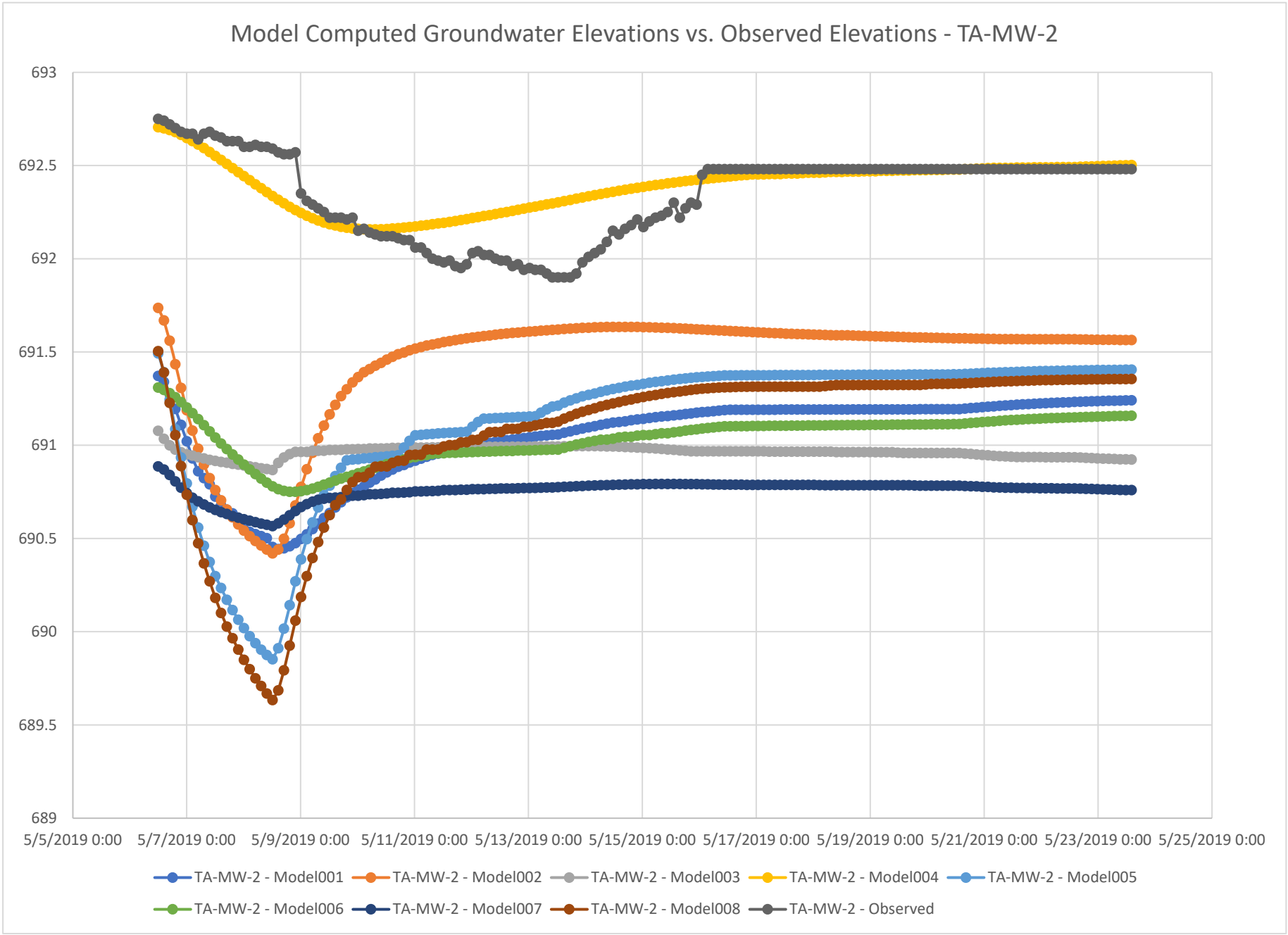

Model Computed Groundwater Elevations vs. Observed Elevations - TA-RW-2
694
692
690
688
686
684
682
680
678
676
5/3/2019 0:00
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-RW-2 - Model001
TA-RW-2 - Model002
TA-RW-2 - Model003
TA-RW-2 - Model004
TA-RW-2 - Model005
TA-RW-2 - Model006
TA-RW-2 - Model007
TA-RW-2 - Model008
TA-RW-2 - Observed

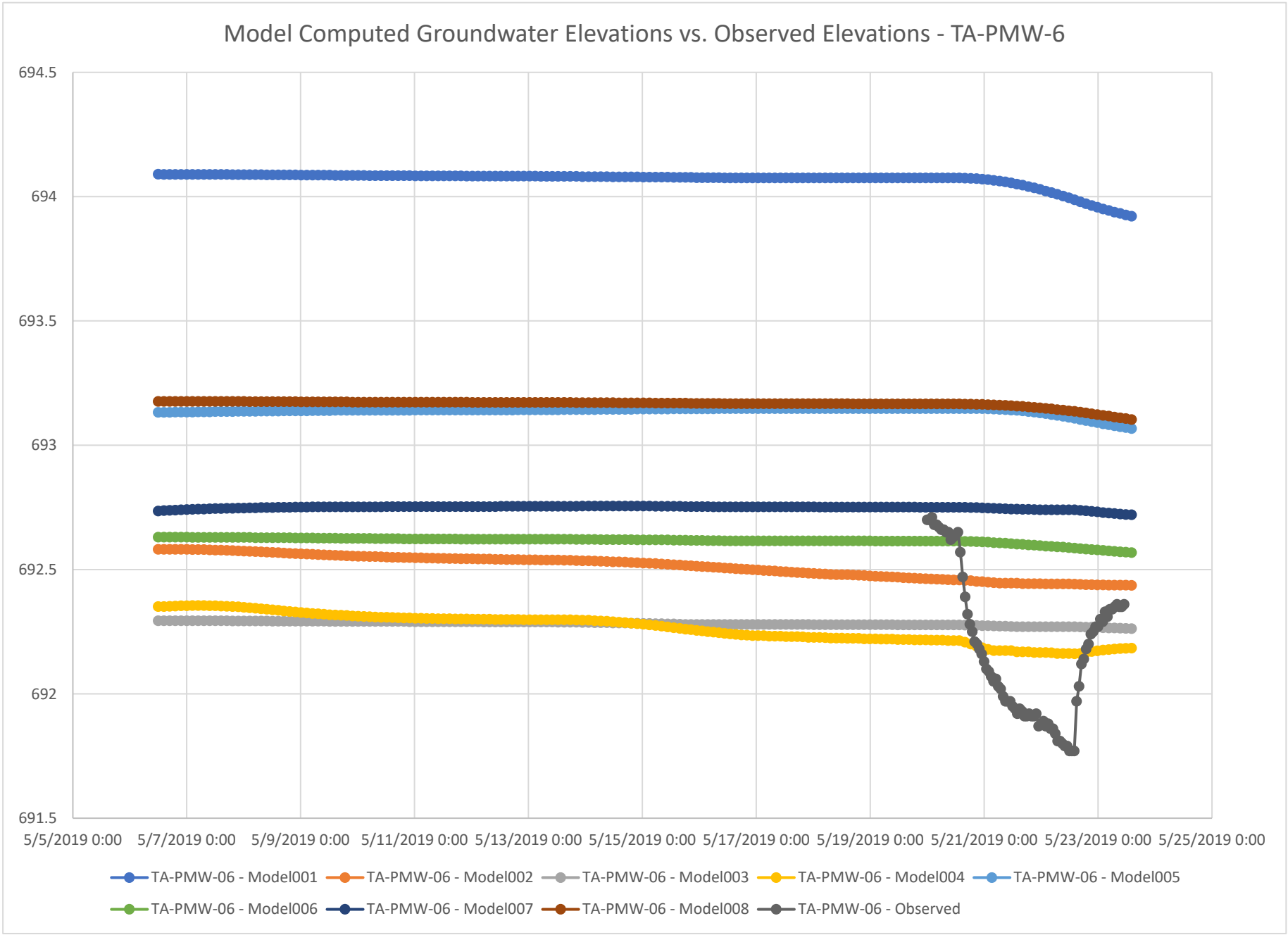

Model Computed Groundwater Elevations vs. Observed Elevations - TA-PMW-02
693
692.5
692
691.5
691
690.5
690
689.5
689
688.5
688
5/3/2019 0:00
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-PMW-02 - Model001
TA-PMW-02 - Model002
TA-PMW-02 - Model003
TA-PMW-02 - Model004
TA-PMW-02 - Model005
TA-PMW-02 - Model006
TA-PMW-02 - Model007
TA-PMW-02 - Model008
Date_Time

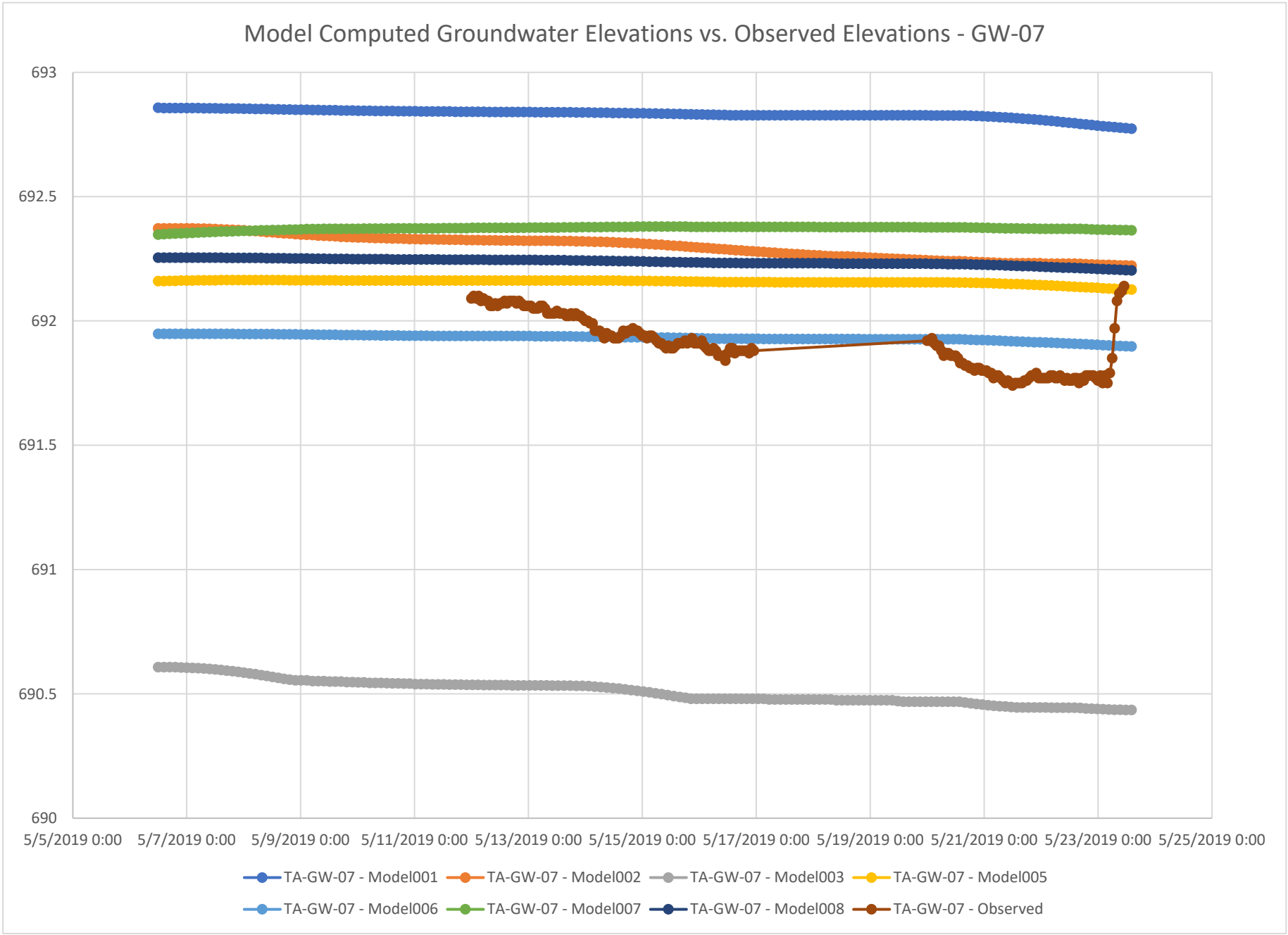

Model Computed Groundwater Elevations vs. Observed Elevations - TA-RW-3
696
694
692
690
688
686
684
682
5/3/2019 0:00
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-RW-3 - Model001
TA-RW-3 - Model002
TA-RW-3 - Model003
TA-RW-3 - Model004
TA-RW-3 - Model005
TA-RW-3 - Model006
TA-RW-3 - Model007
TA-RW-3 - Model008
TA-RW-3 - Observed

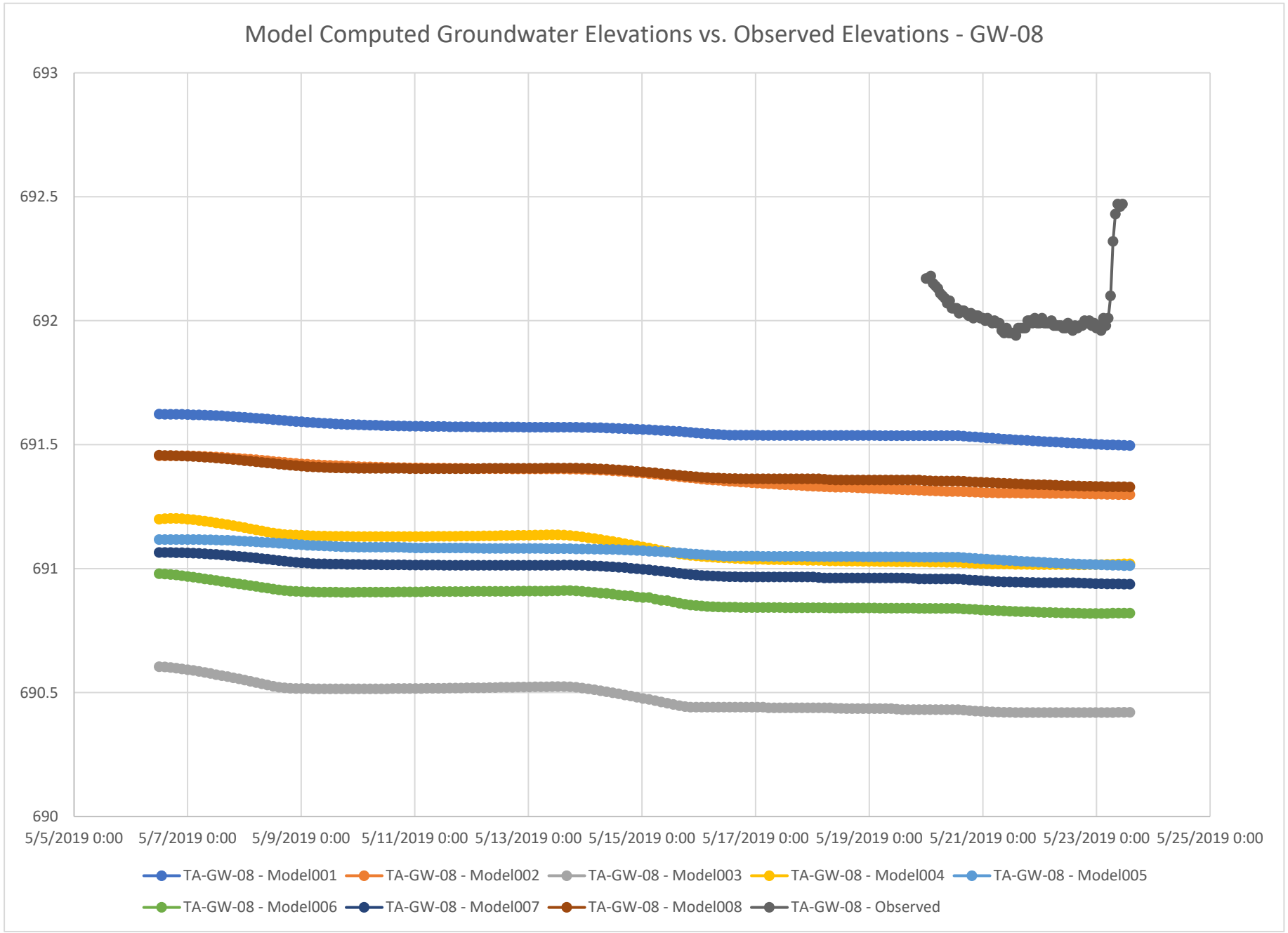

Model Computed Groundwater Elevations vs. Observed Elevations - TA-PMW-3
694.5
694
693.5
693
692.5
692
691.5
691
690.5
690
689.5
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-PMW-03 - Model001
TA-PMW-03 - Model002
TA-PMW-03 - Model003
TA-PMW-03 - Model004
TA-PMW-03 - Model005
TA-PMW-03 - Model006
TA-PMW-03 - Model007
TA-PMW-03 - Model008
TA-PMW-03 - Observed

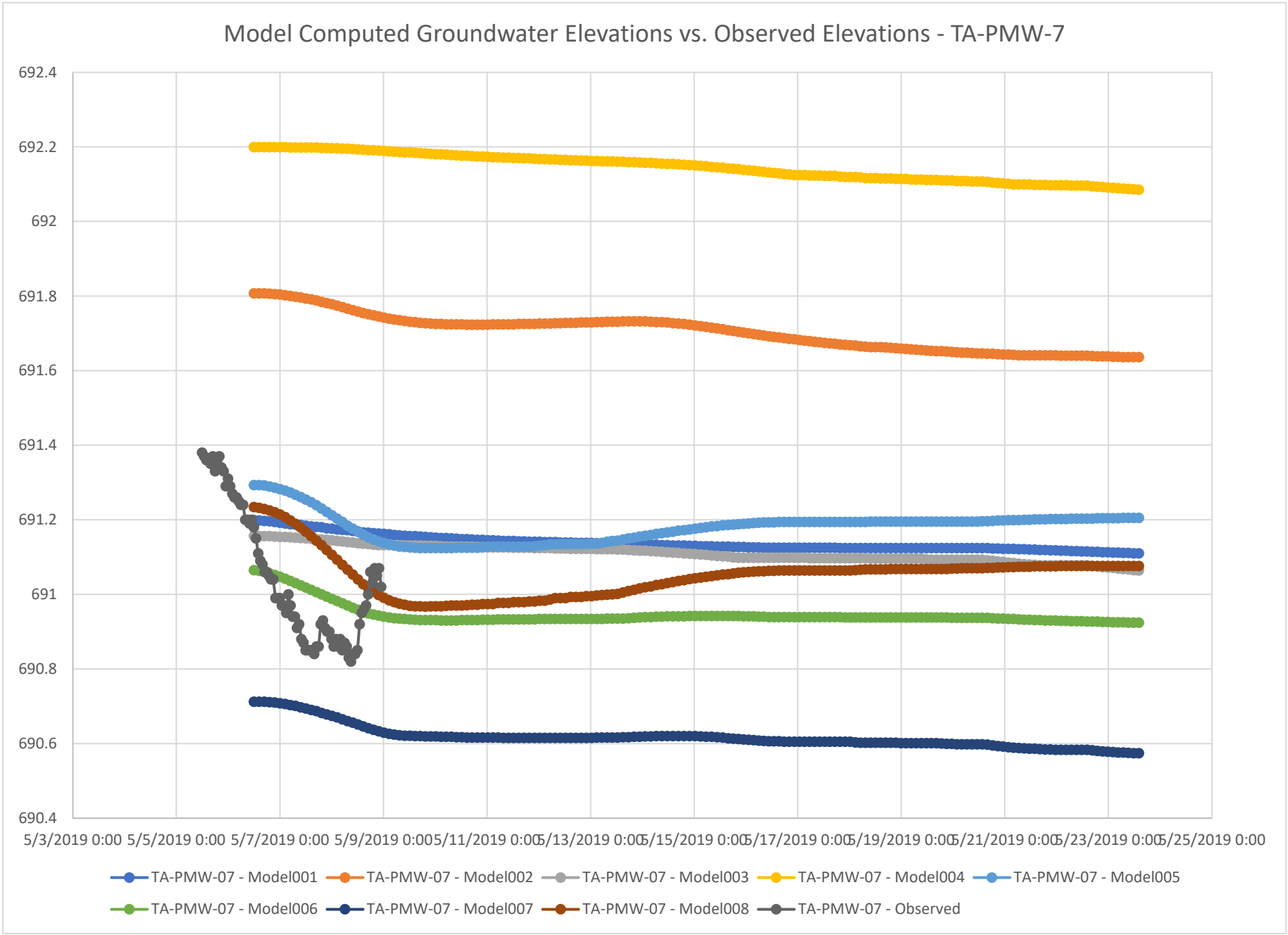

Model Computed Groundwater Elevations vs. Observed Elevations - TA-MW-1
693.5
693
692.5
692
691.5
691
690.5
5/3/2019 0:00
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-MW-1 - Model001
TA-MW-1 - Model002
TA-MW-1 - Model003
TA-MW-1 - Model004
TA-MW-1 - Model005
TA-MW-1 - Model006
TA-MW-1 - Model007
TA-MW-1 - Model008
TA-MW-1 - Observed

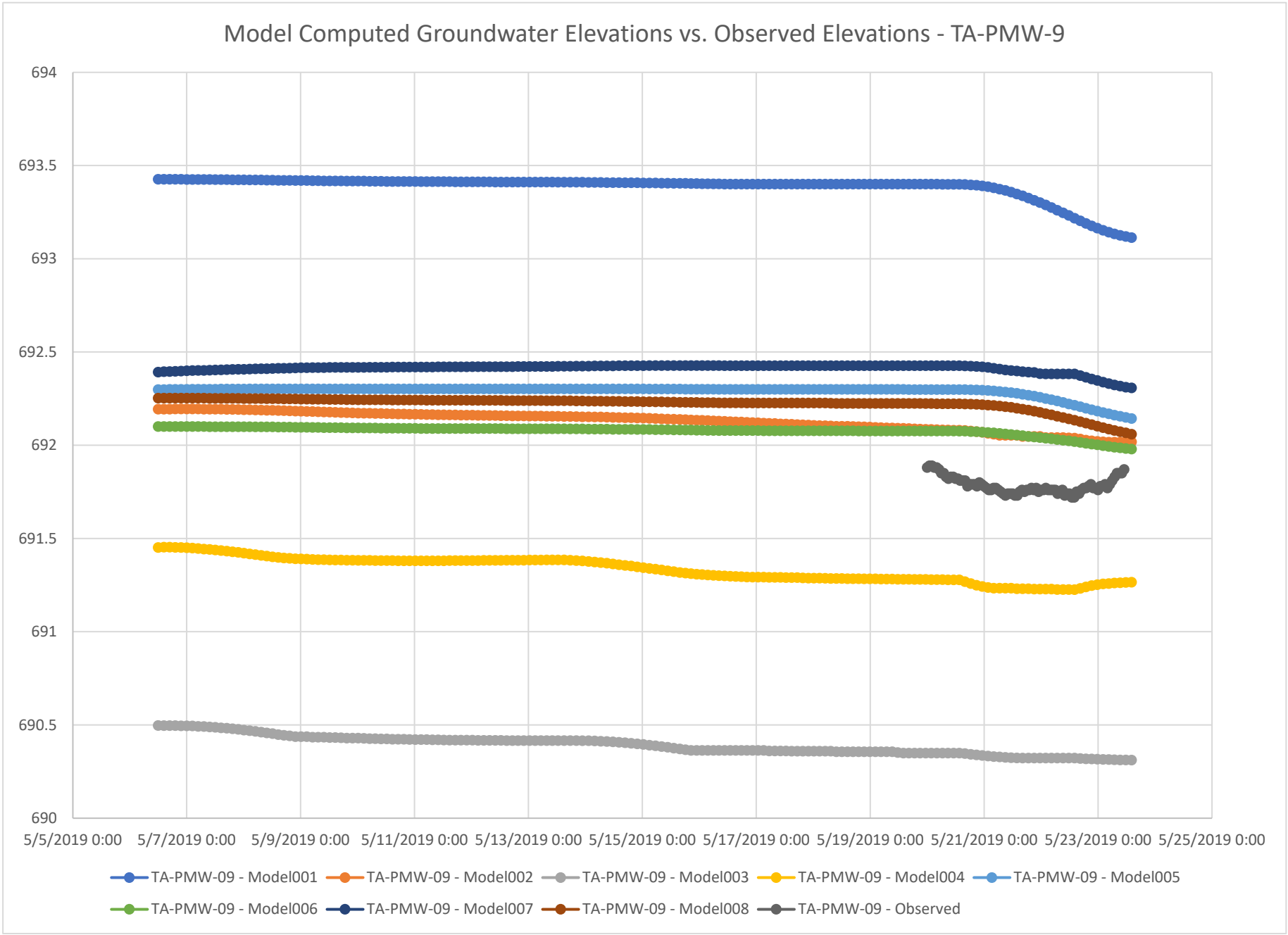

Model Computed Groundwater Elevations vs. Observed Elevations - TA-MW-2
693
692.5
692
691.5
691
690.5
690
689.5
689
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-MW-2 - Model001
TA-MW-2 - Model002
TA-MW-2 - Model003
TA-MW-2 - Model004
TA-MW-2 - Model005
TA-MW-2 - Model006
TA-MW-2 - Model007
TA-MW-2 - Model008
TA-MW-2 - Observed

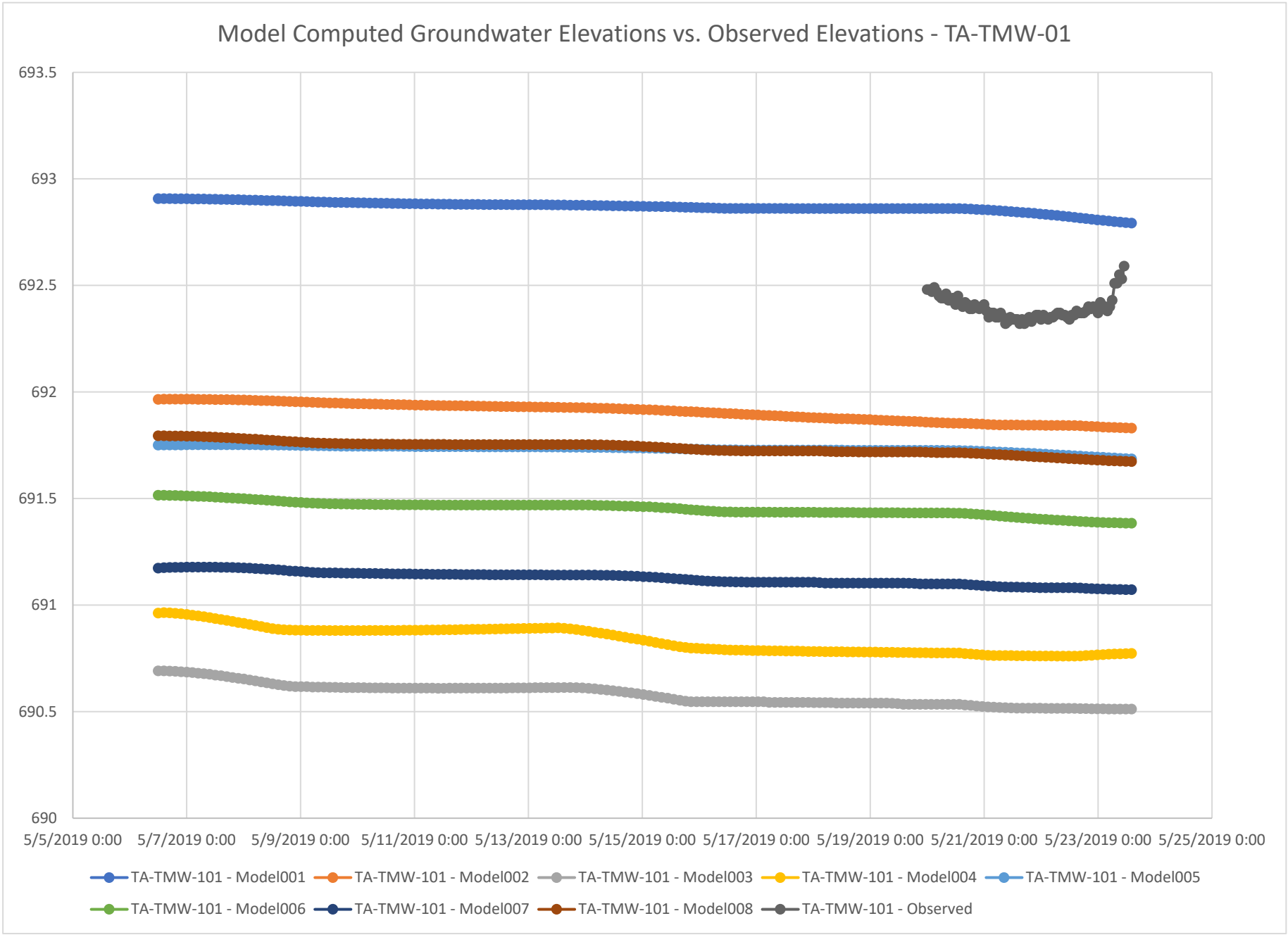

Model Computed Groundwater Elevations vs. Observed Elevations - TA-PMW-6
694.5
694
693.5
693
692.5
692
691.5
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-PMW-06 - Model001
TA-PMW-06 - Model002
TA-PMW-06 - Model003
TA-PMW-06 - Model004
TA-PMW-06 - Model005
TA-PMW-06 - Model006
TA-PMW-06 - Model007
TA-PMW-06 - Model008
TA-PMW-06 - Observed

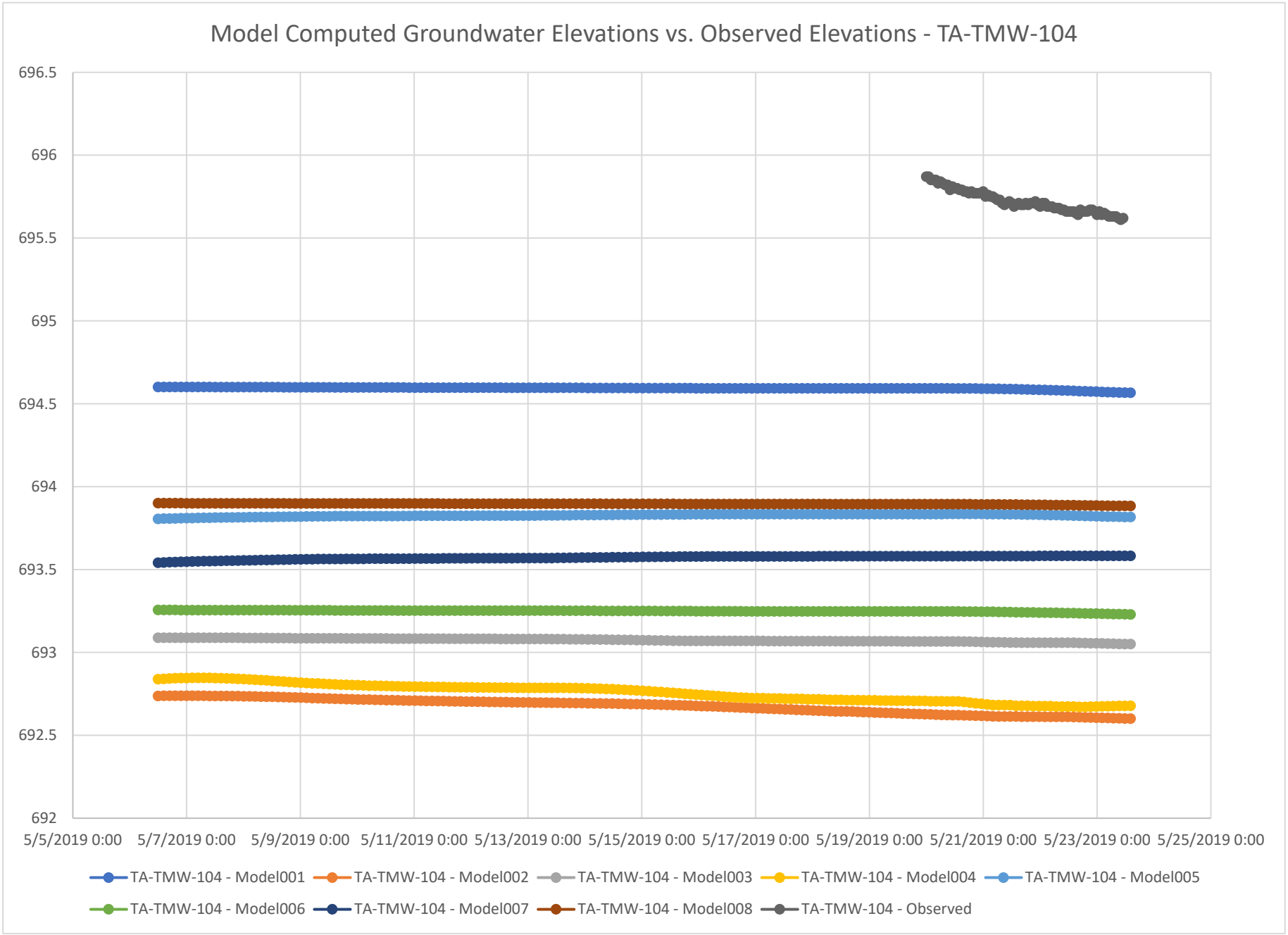

Model Computed Groundwater Elevations vs. Observed Elevations - GW-07
693
692.5
692
691.5
691
690.5
690
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-GW-07 - Model001
TA-GW-07 - Model002
TA-GW-07 - Model003
TA-GW-07 - Model005
TA-GW-07 - Model006
TA-GW-07 - Model007
TA-GW-07 - Model008
TA-GW-07 - Observed


Model Computed Groundwater Elevations vs. Observed Elevations - GW-08
693
692.5
692
691.5
691
690.5
690
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-GW-08 - Model001
TA-GW-08 - Model002
TA-GW-08 - Model003
TA-GW-08 - Model004
TA-GW-08 - Model005
TA-GW-08 - Model006
TA-GW-08 - Model007
TA-GW-08 - Model008
TA-GW-08 - Observed


Model Computed Groundwater Elevations vs. Observed Elevations - TA-PMW-7
692.4
692.2
692
691.8
691.6
691.4
691.2
691
690.8
690.6
690.4
5/3/2019 0:00
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-PMW-07 - Model001
TA-PMW-07 - Model002
TA-PMW-07 - Model003
TA-PMW-07 - Model004
TA-PMW-07 - Model005
TA-PMW-07 - Model006
TA-PMW-07 - Model007
TA-PMW-07 - Model008
TA-PMW-07 - Observed


Model Computed Groundwater Elevations vs. Observed Elevations - TA-PMW-9
694
693.5
693
692.5
692
691.5
691
690.5
690
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-PMW-09 - Model001
TA-PMW-09 - Model002
TA-PMW-09 - Model003
TA-PMW-09 - Model004
TA-PMW-09 - Model005
TA-PMW-09 - Model006
TA-PMW-09 - Model007
TA-PMW-09 - Model008
TA-PMW-09 - Observed


Model Computed Groundwater Elevations vs. Observed Elevations - TA-TMW-01
693.5
693
692.5
692
691.5
691
690.5
690
5/5/2019 0:00
5/7/2019 0:00
5/9/2019 0:00
5/11/2019 0:00
5/13/2019 0:00
5/15/2019 0:00
5/17/2019 0:00
5/19/2019 0:00
5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-TMW-101 - Model001
TA-TMW-101 - Model002
TA-TMW-101 - Model003
TA-TMW-101 - Model004
TA-TMW-101 - Model005
TA-TMW-101 - Model006
TA-TMW-101 - Model007
TA-TMW-101 - Model008
TA-TMW-101 - Observed


Model Computed Groundwater Elevations vs. Observed Elevations - TA-TMW-104
696.5
696
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5/7/2019 0:00
5/9/2019 0:00
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5/17/2019 0:00
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5/21/2019 0:00
5/23/2019 0:00
5/25/2019 0:00
TA-TMW-104 - Model001
TA-TMW-104 - Model002
TA-TMW-104 - Model003
TA-TMW-104 - Model004
TA-TMW-104 - Model005
TA-TMW-104 - Model006
TA-TMW-104 - Model007
TA-TMW-104 - Model008
TA-TMW-104 - Observed

Appendix D – Stochastic Modeling Estimated Capture Zones

D. STOCHASTIC MODELING ESTIMATED CAPTURE ZONES

Figures D-1 through D-8 present the estimated capture zones for the the groundwater extraction well point system from stochastic modeling realizations 1 through 8. See Figures D-9 to D-16 for T-PROGS simulated facies for realizations 1 through 8.

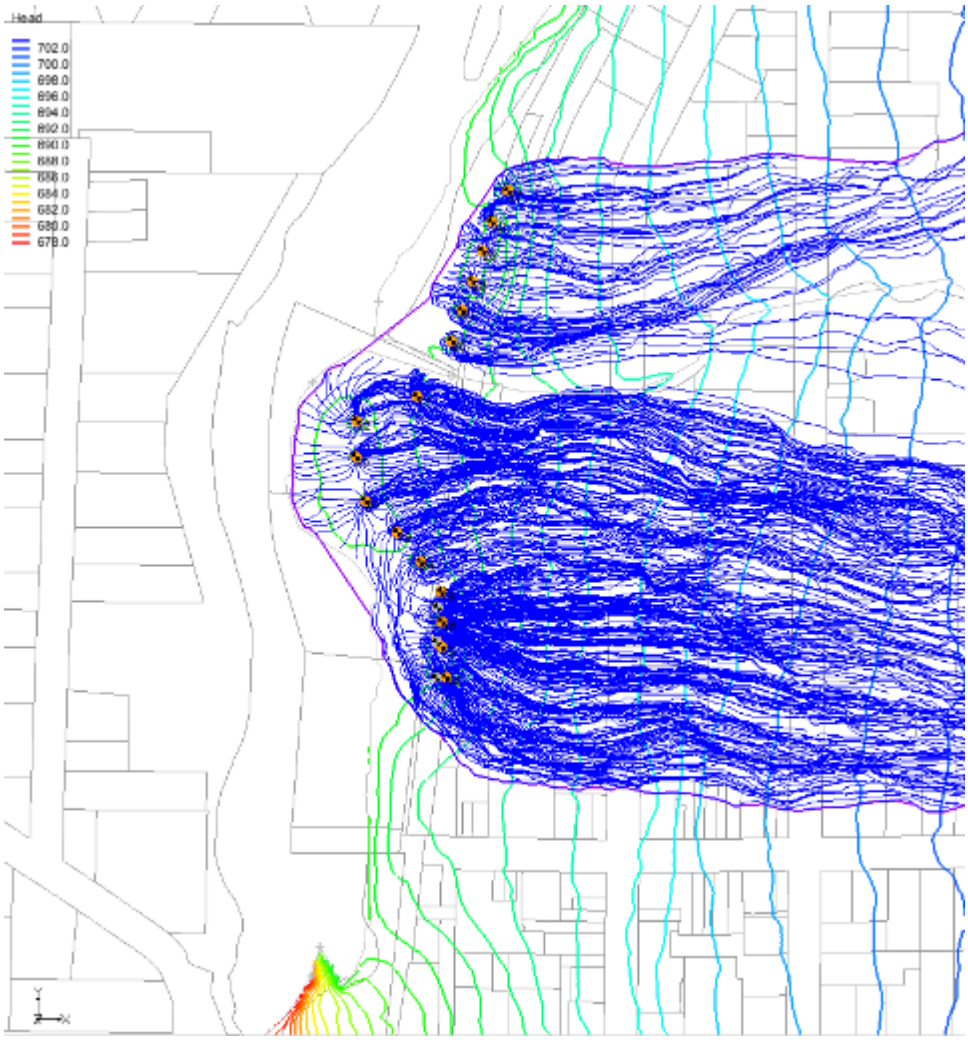


Figure D-1: Model Computed Particle Path lines and Hydraulic Capture Zone – Well Point System, Stochastic Realization 1

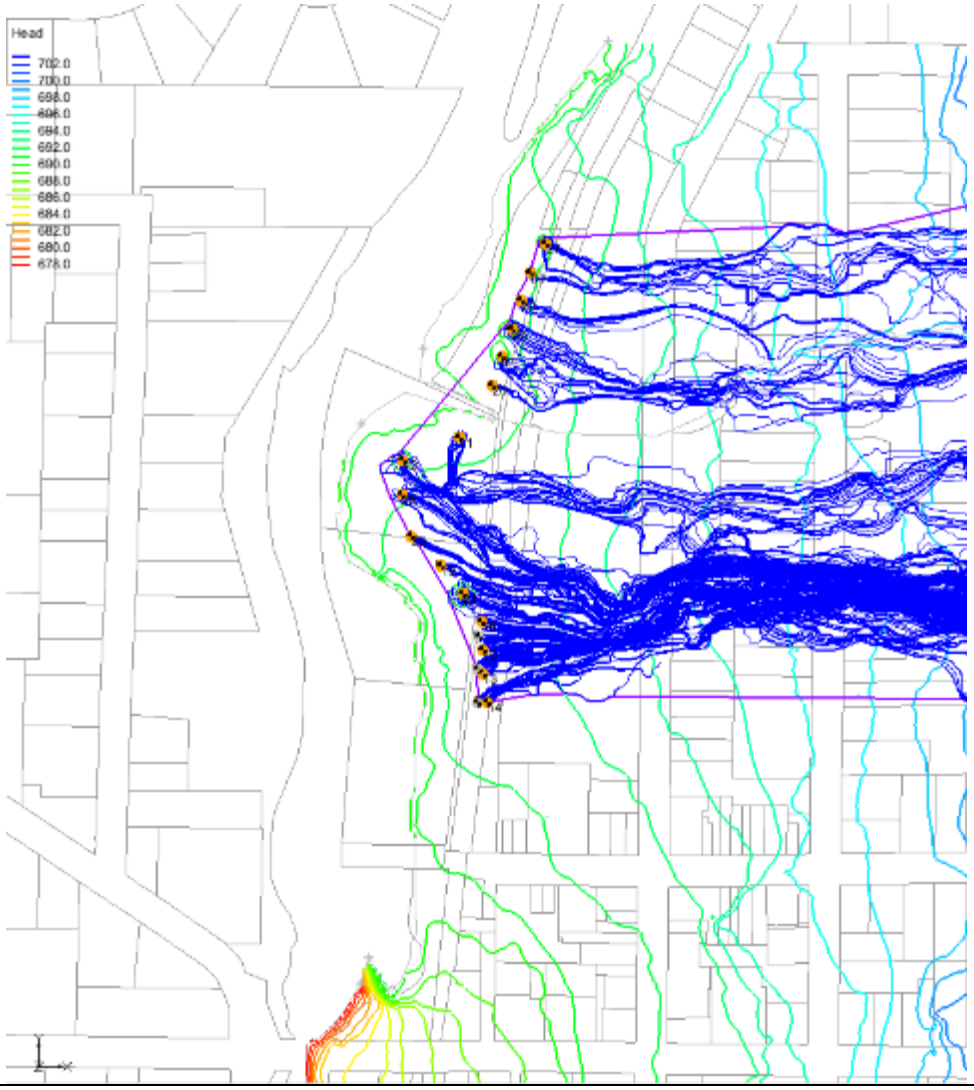


Figure D-2: Model Computed Particle Path lines and Hydraulic Capture Zone – Well Point System, Stochastic Realization 2

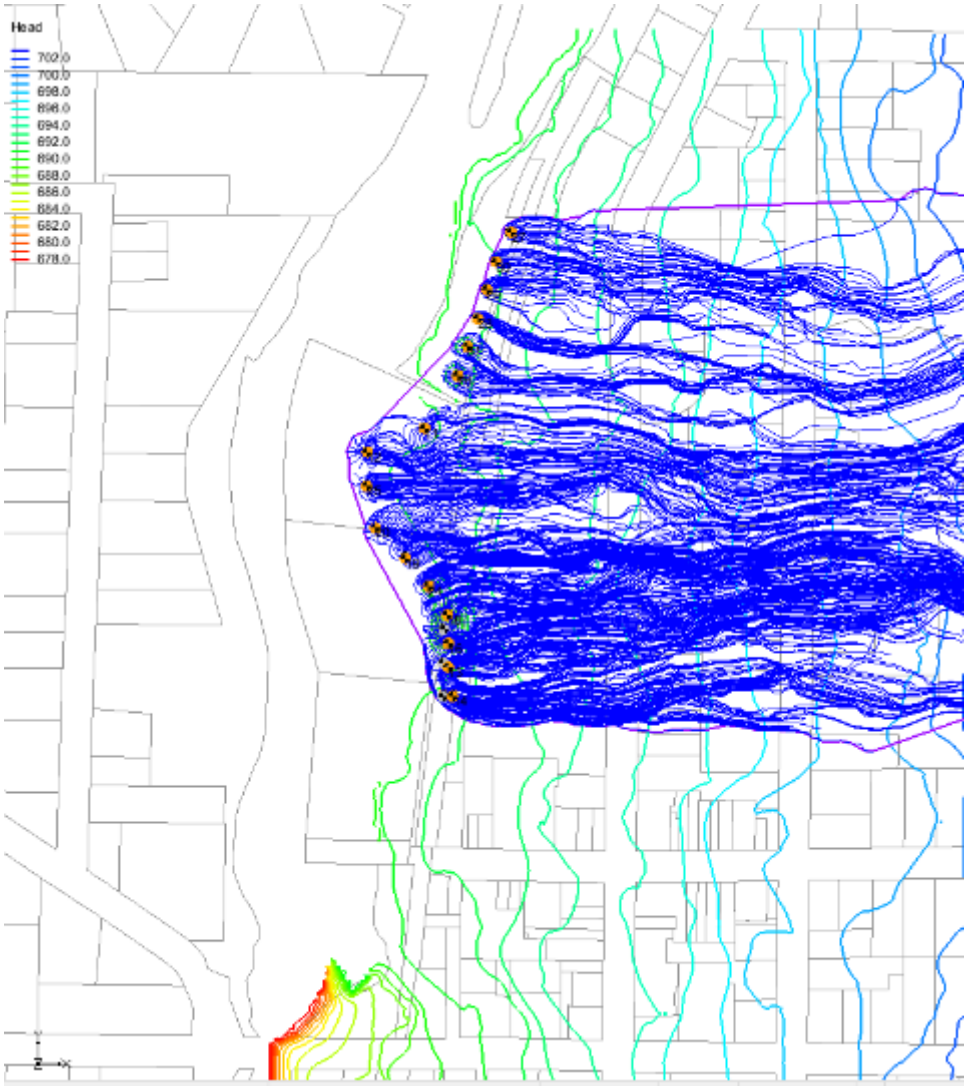


Figure D-3: Model Computed Particle Path lines and Hydraulic Capture Zone – Well Point System, Stochastic Realization 3

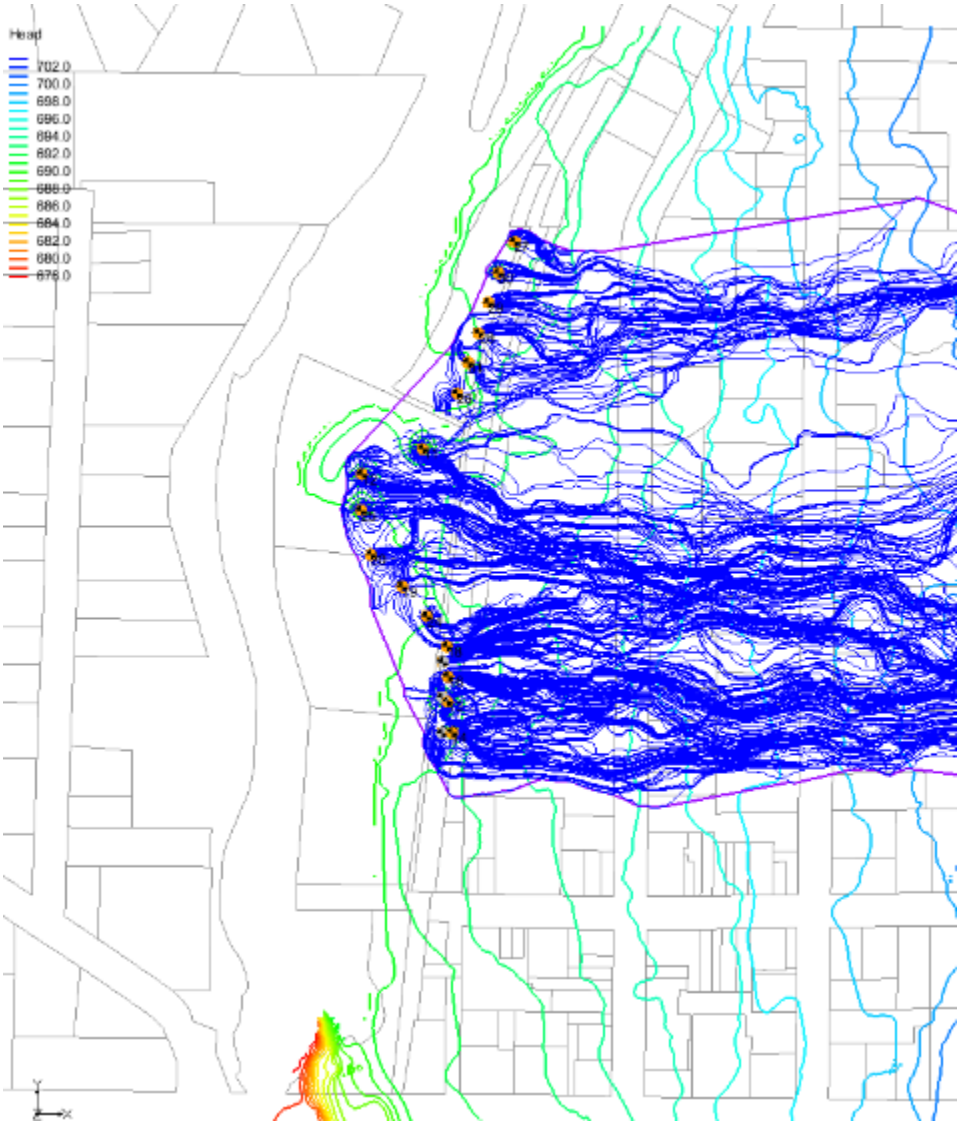


Figure D-4: Model Computed Particle Path lines and Hydraulic Capture Zone – Well Point System, Stochastic Realization 4

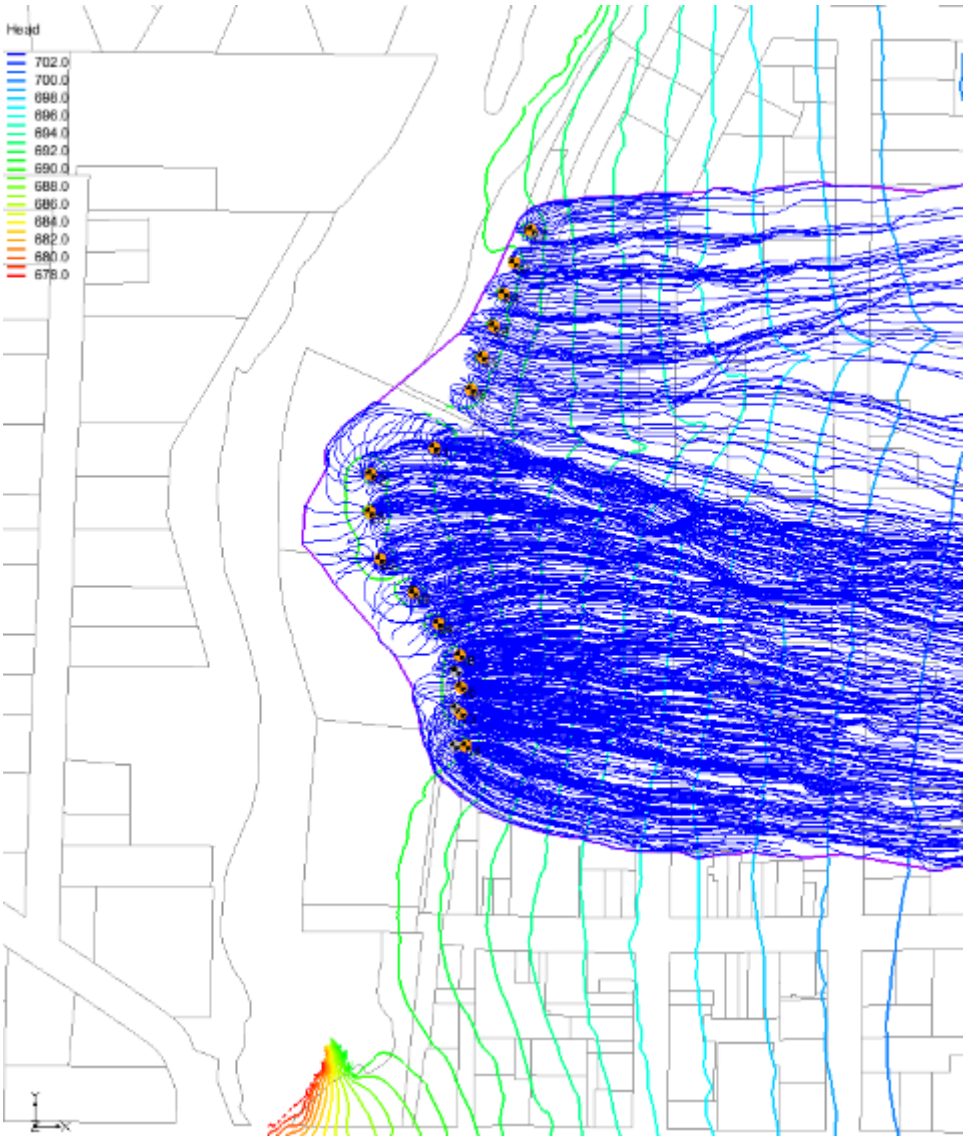


Figure D-5: Model Computed Particle Path lines and Hydraulic Capture Zone – Well Point System, Stochastic Realization 5

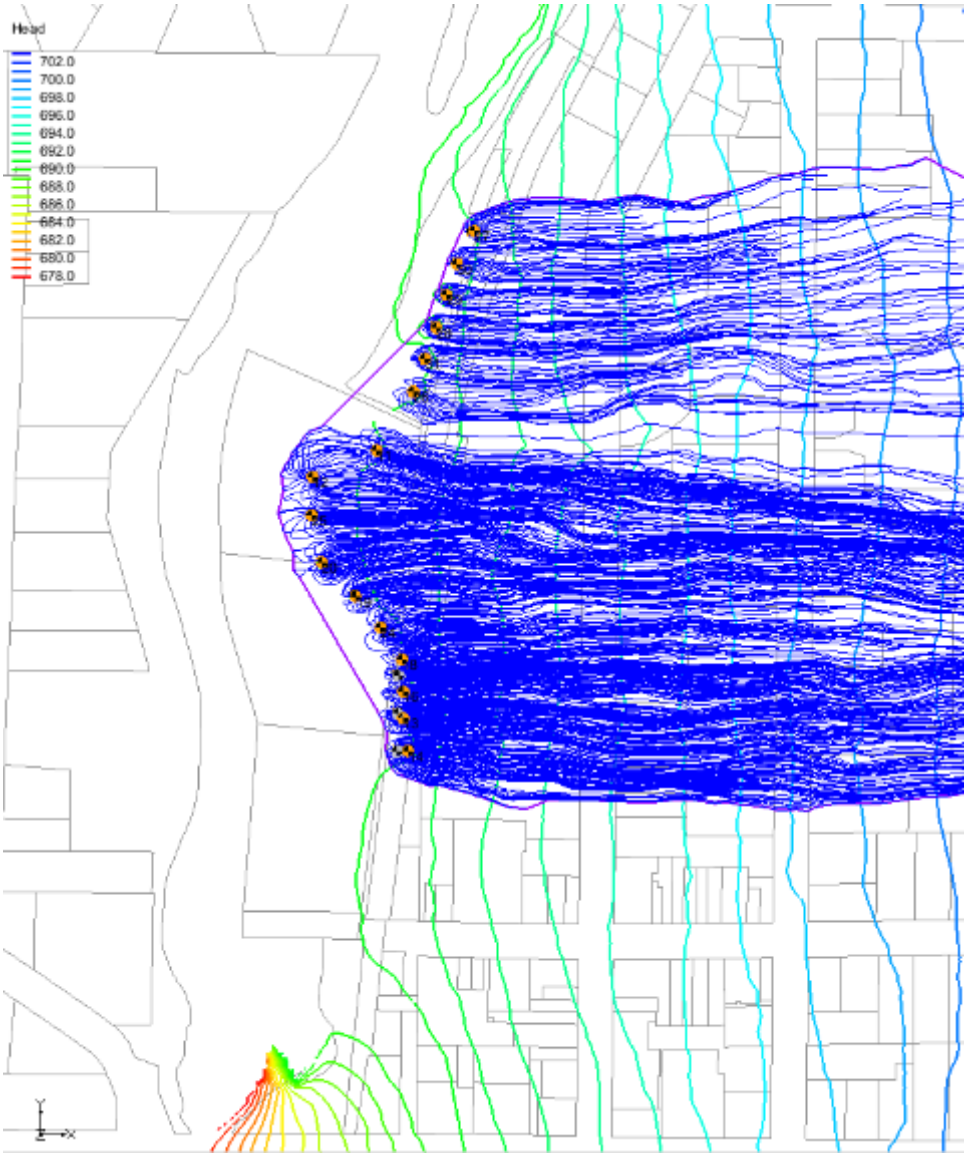


Figure D-6: Model Computed Particle Path lines and Hydraulic Capture Zone – Well Point System, Stochastic Realization 6

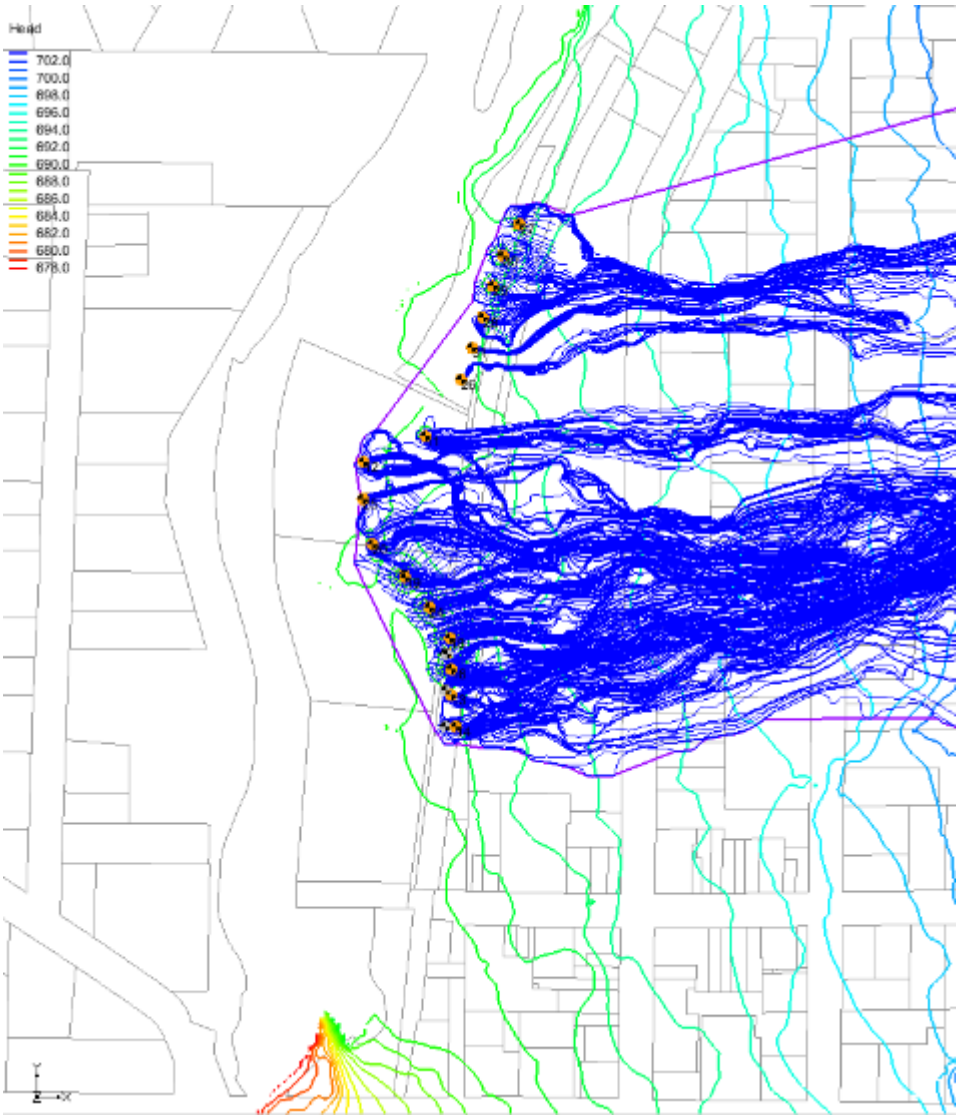


Figure D-7: Model Computed Particle Path lines and Hydraulic Capture Zone – Well Point System, Stochastic Realization 7

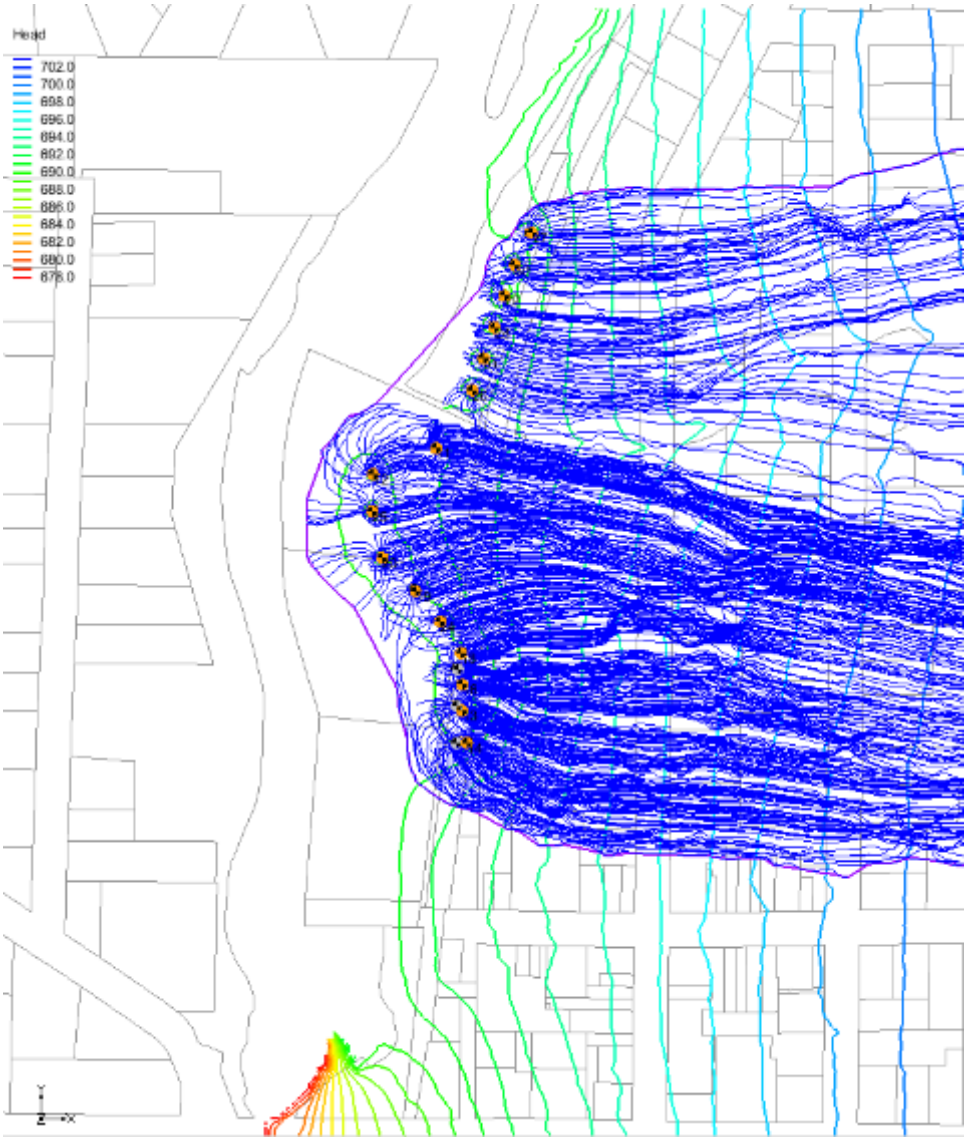
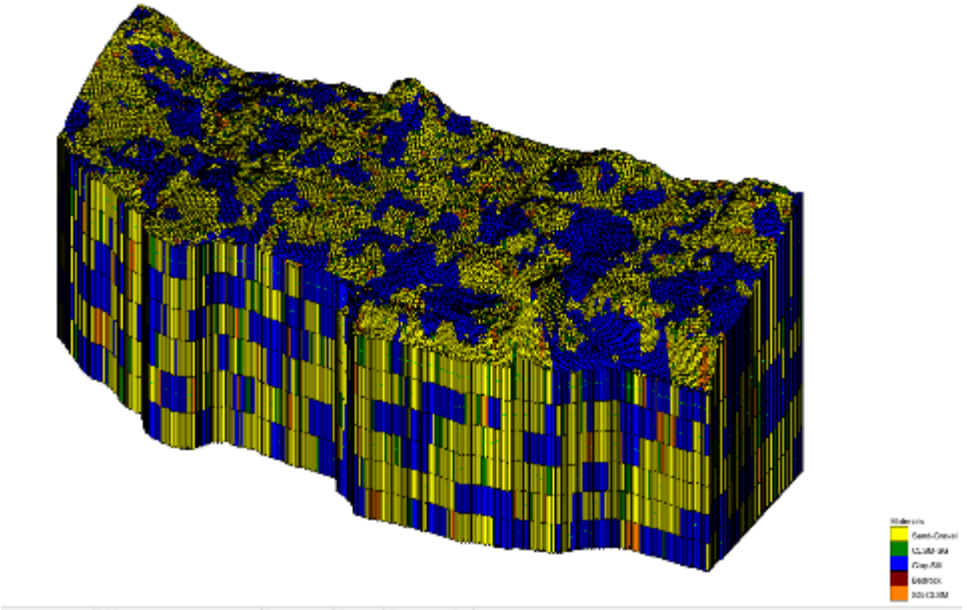


Figure D-8: Model Computed Particle Path lines and Hydraulic Capture Zone – Well Point System, Stochastic Realization 8



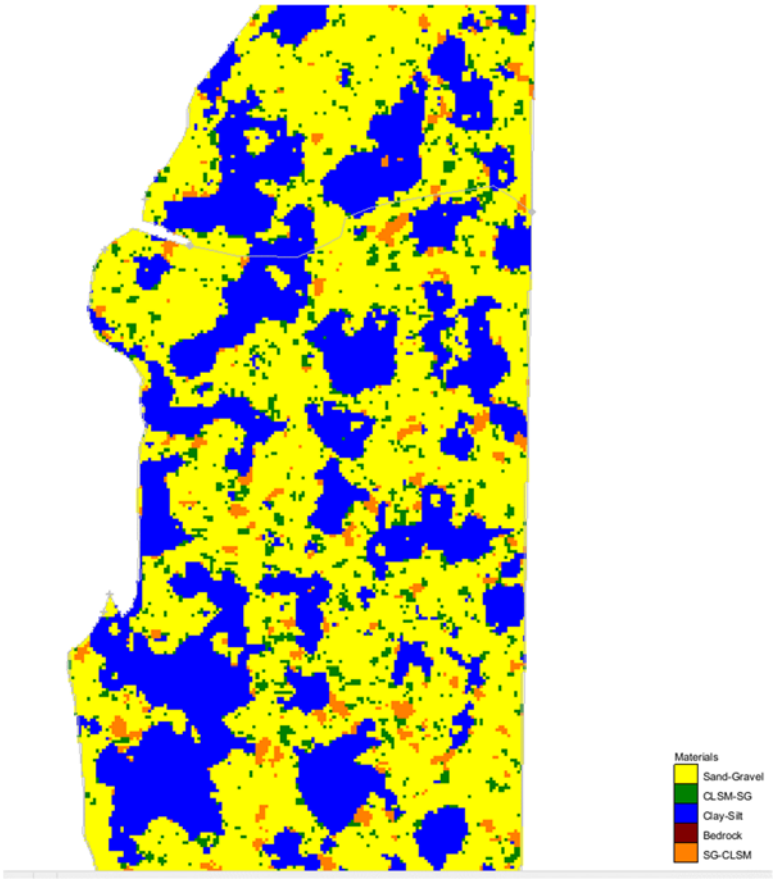
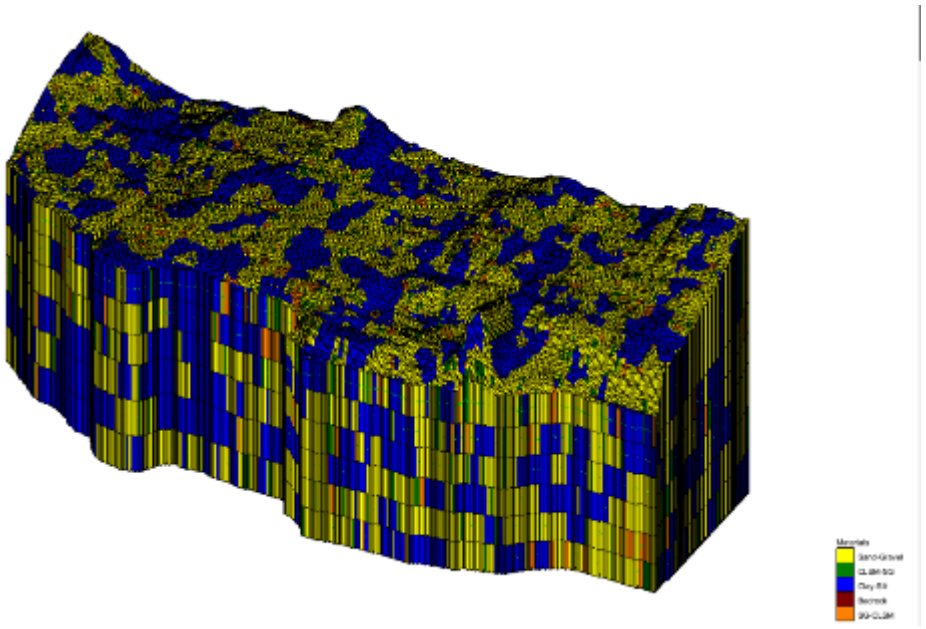


Figure D-9: T-PROGS Simulated Facies, 3-Dimensional View and Layer 1, Stochastic Realization 1



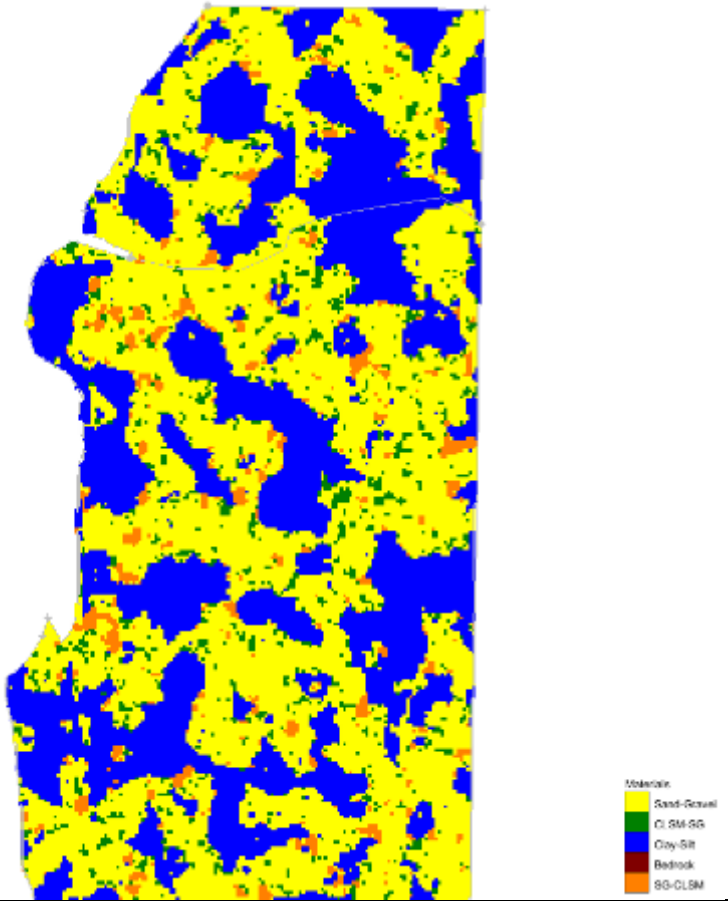
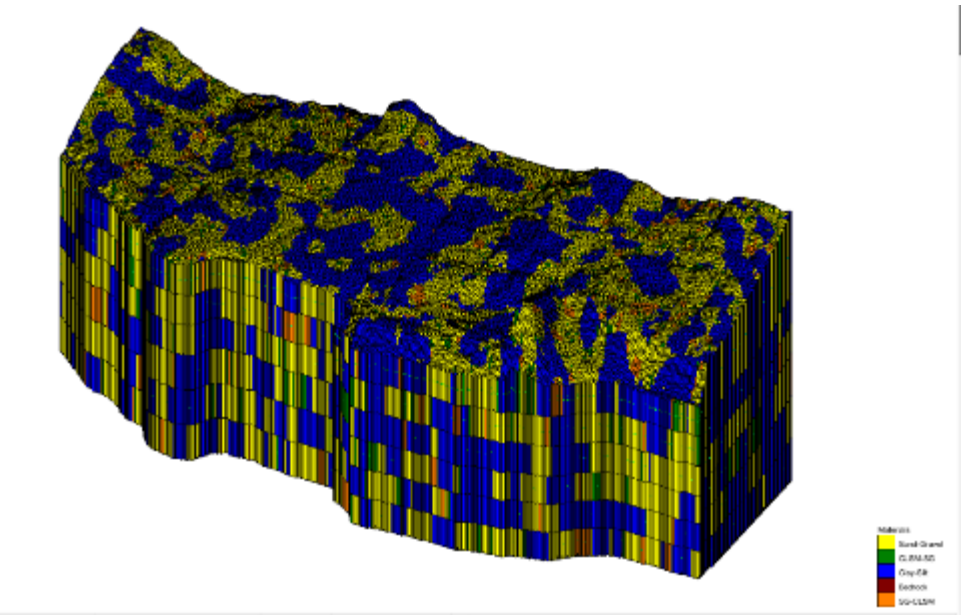


Figure D-10: T-PROGS Simulated Facies, 3-Dimensional View and Layer 1, Stochastic Realization 2



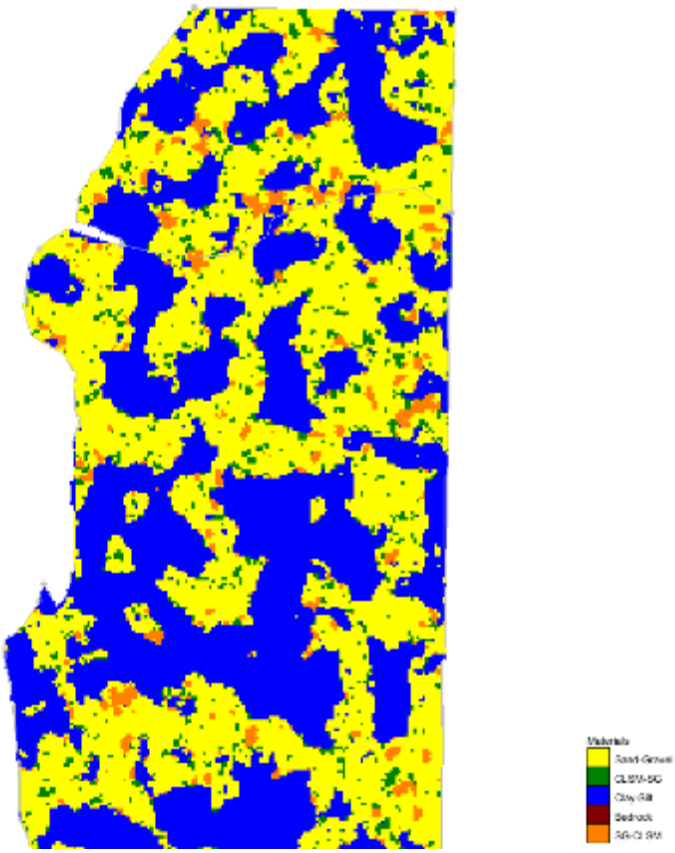
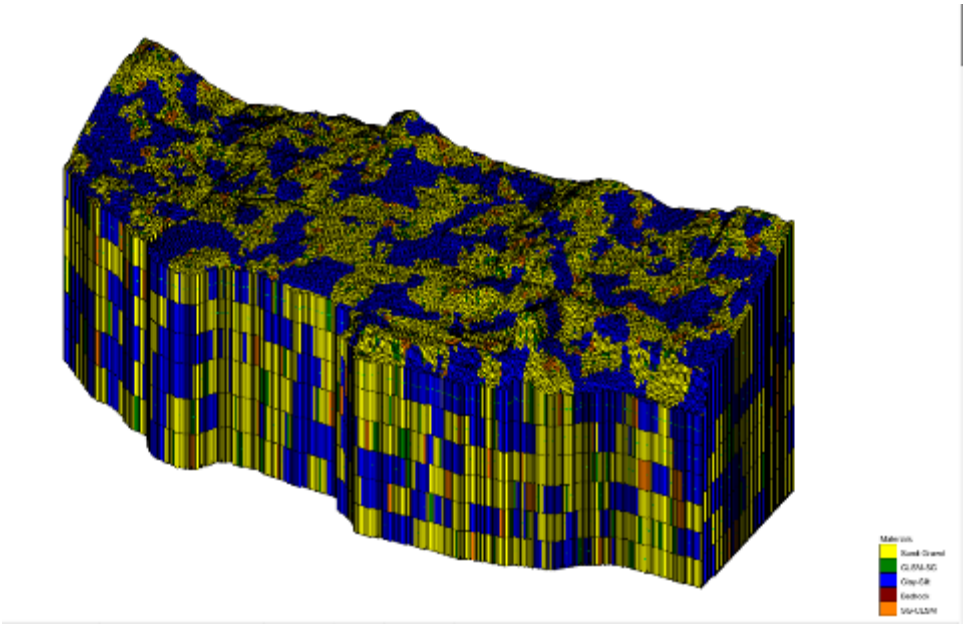


Figure D-11: T-PROGS Simulated Facies, 3-Dimensional View and Layer 1, Stochastic Realization 3



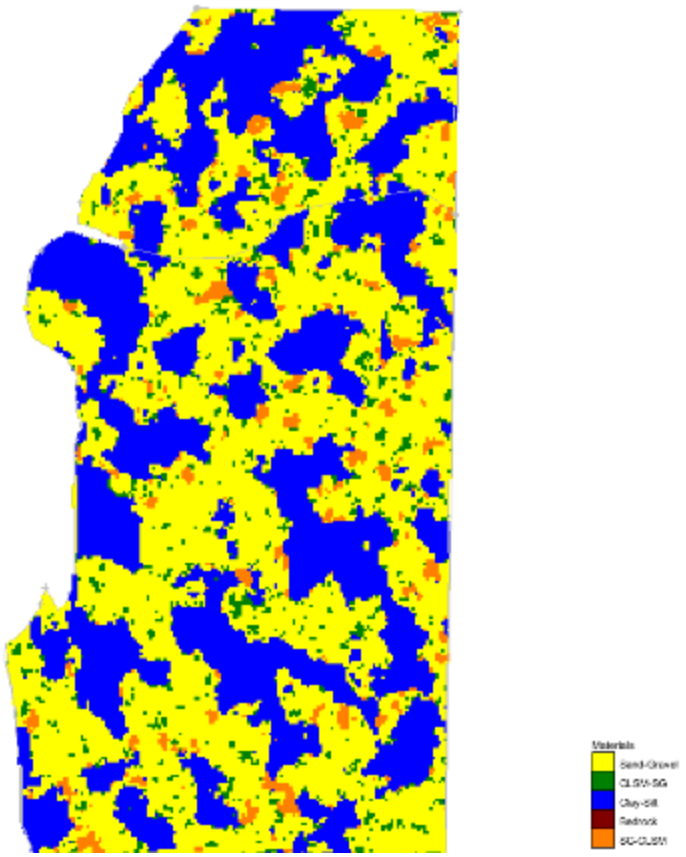
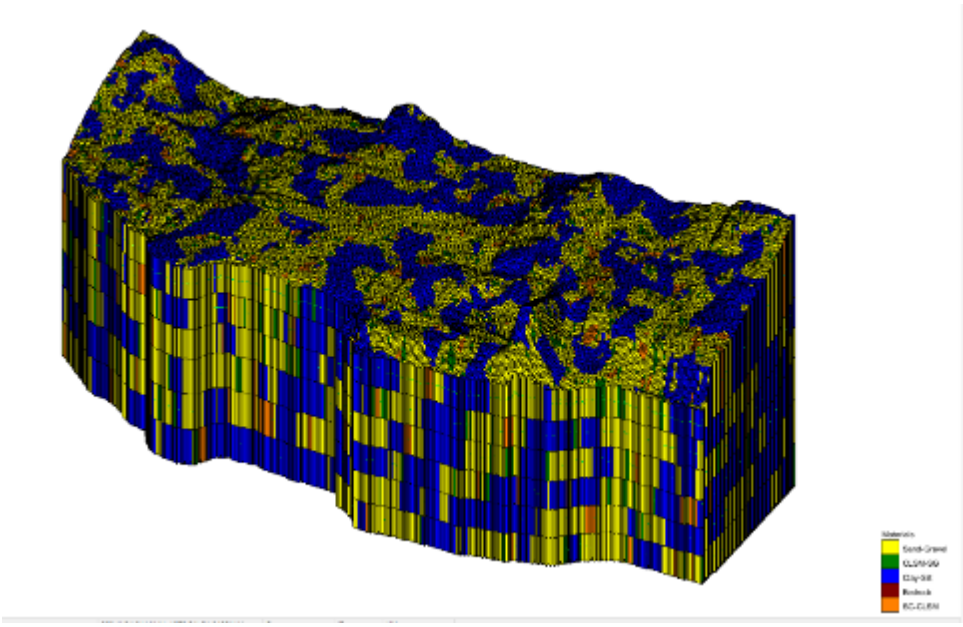


Figure D-12: T-PROGS Simulated Facies, 3-Dimensional View and Layer 1, Stochastic Realization 4



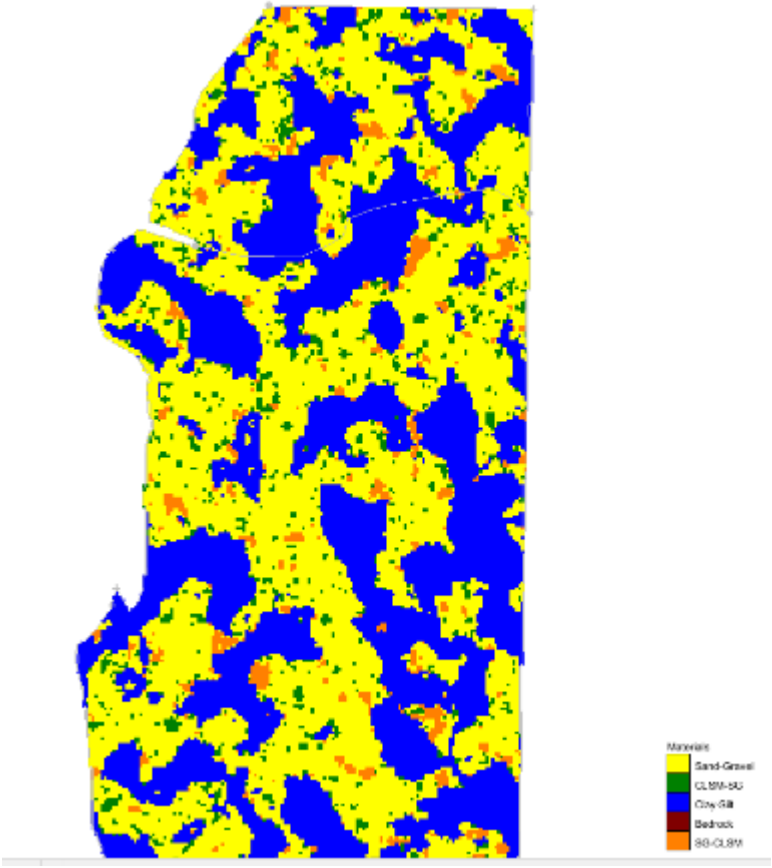
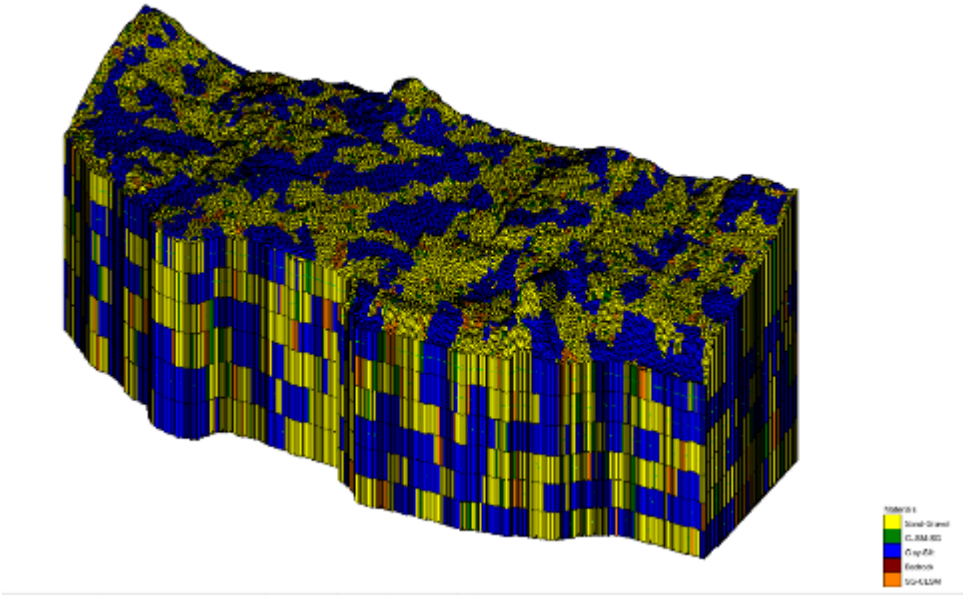


Figure D-13: T-PROGS Simulated Facies, 3-Dimensional View and Layer 1, Stochastic Realization 5



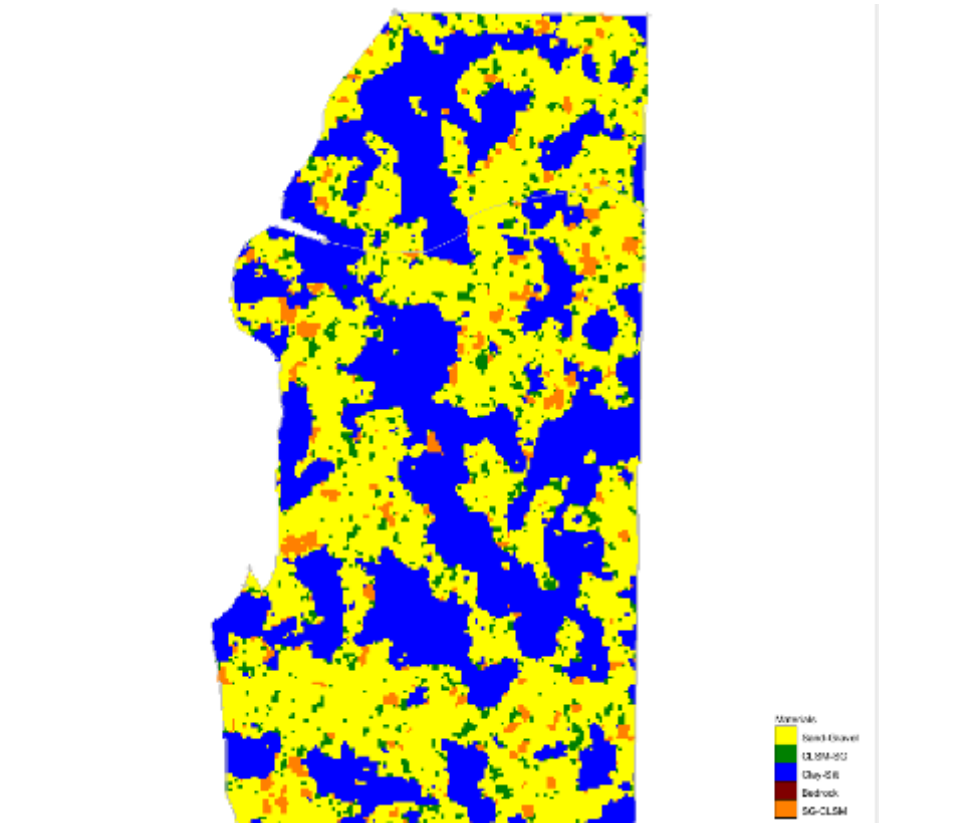
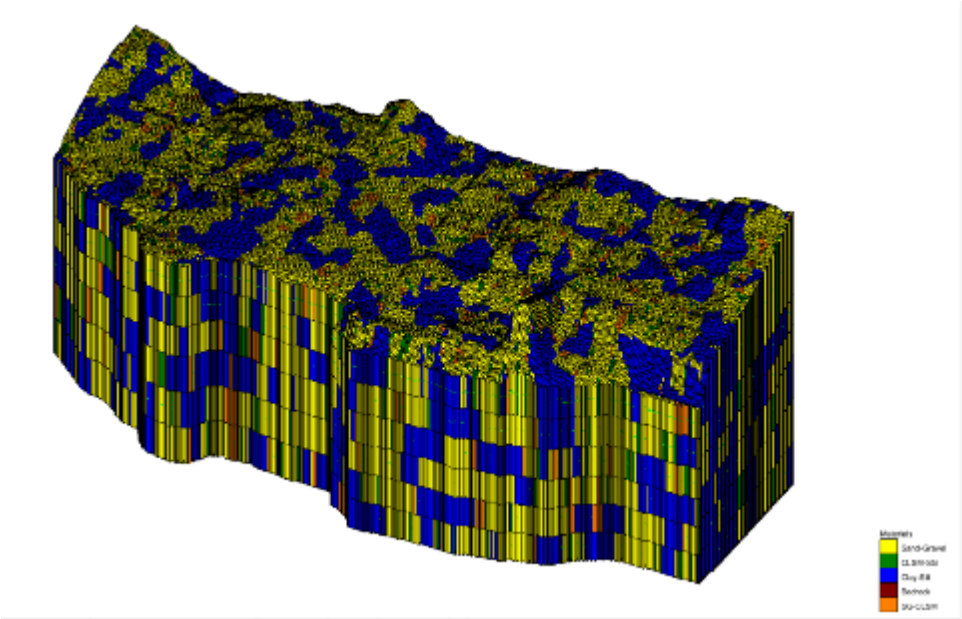


Figure D-14: T-PROGS Simulated Facies, 3-Dimensional View and Layer 1, Stochastic Realization 6



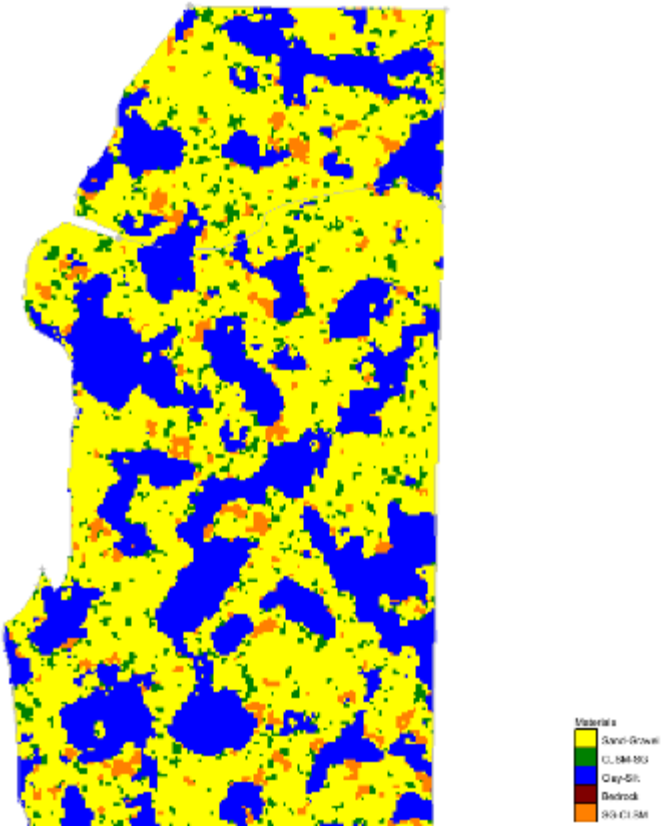
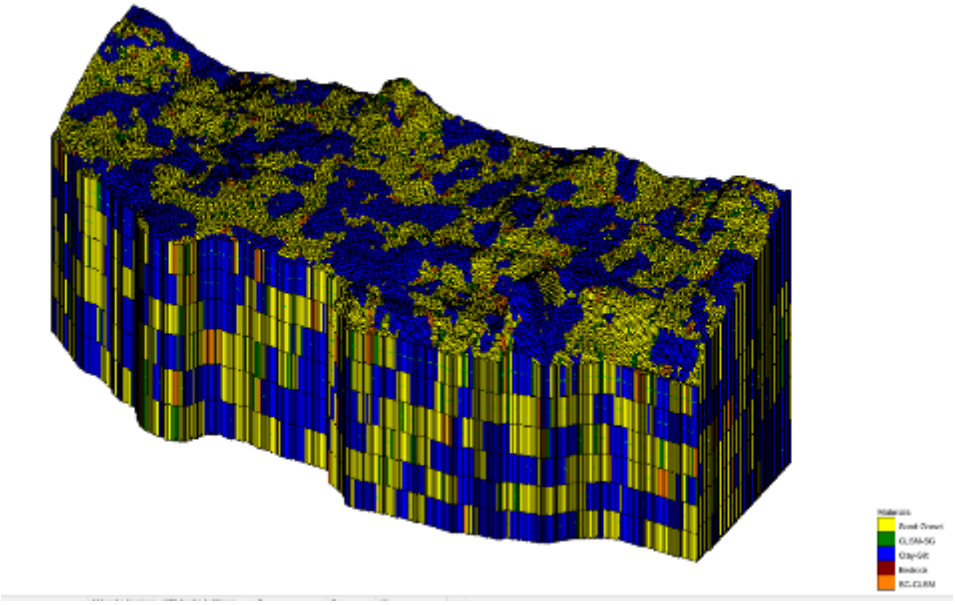


Figure D-15: T-PROGS Simulated Facies, 3-Dimensional View and Layer 1, Stochastic Realization 7



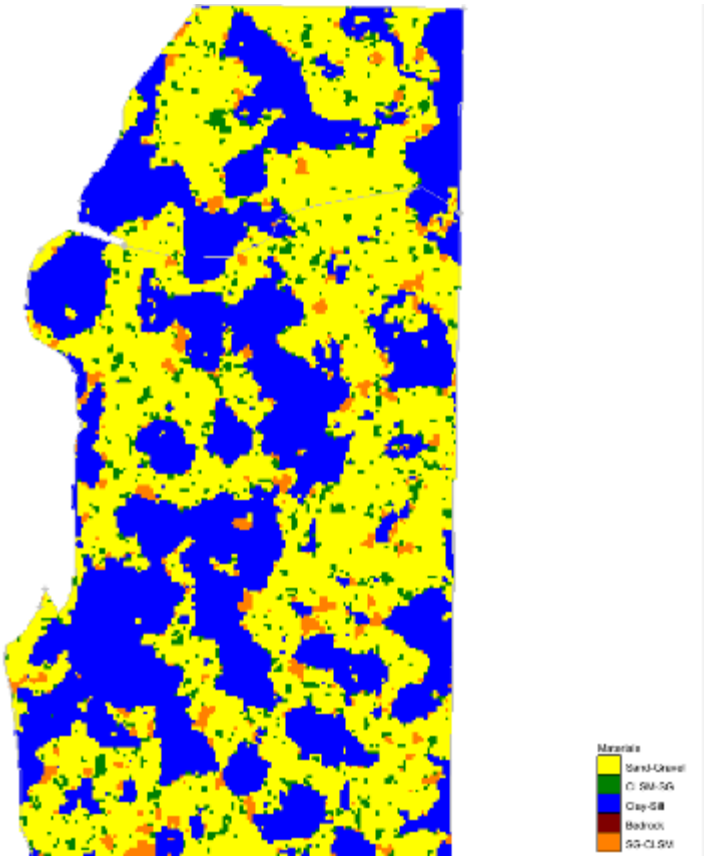
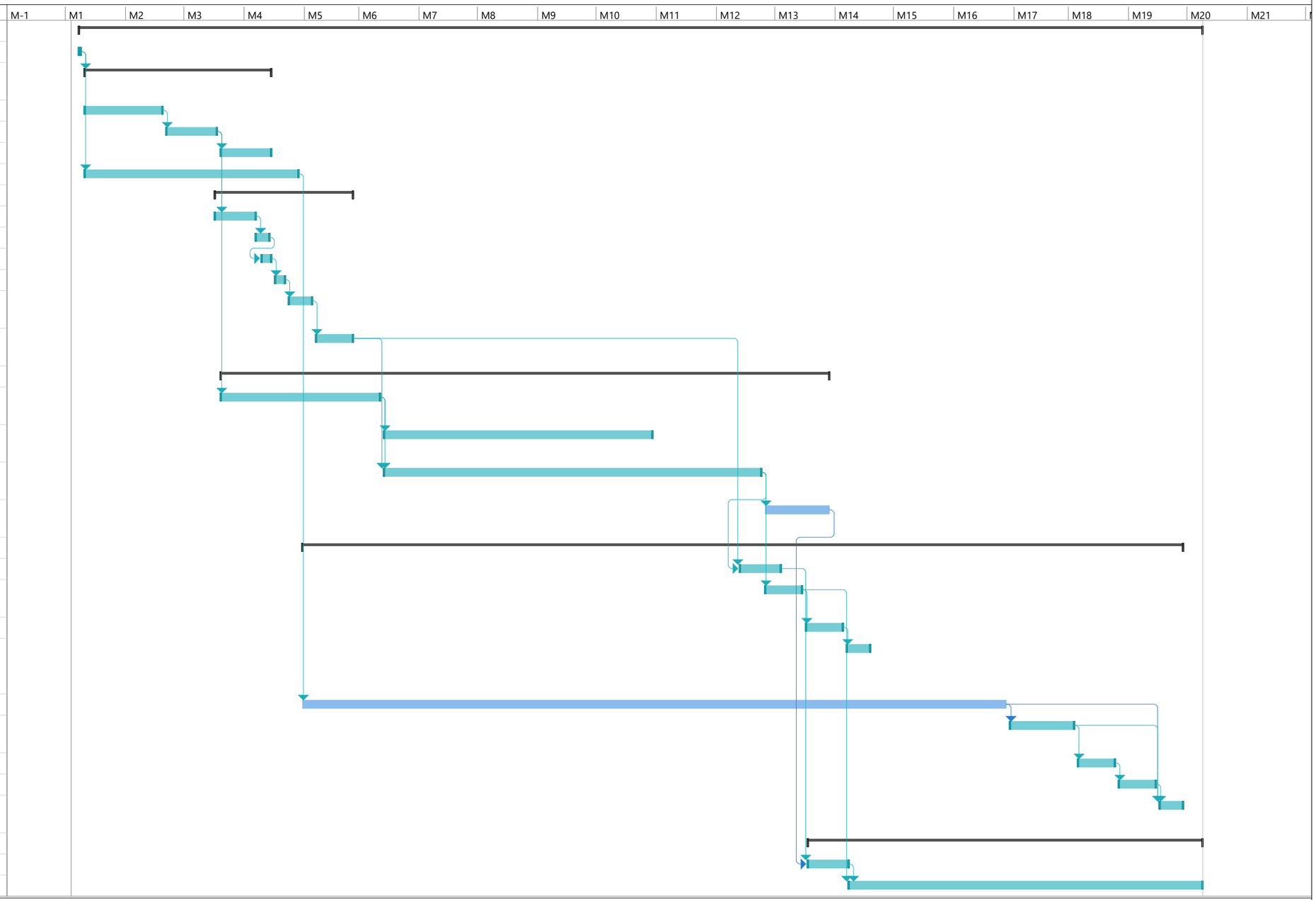


Figure D-16: T-PROGS Simulated Facies, 3-Dimensional View and Layer 1, Stochastic Realization 8

Appendix E – Schedule

Tannery Groundwater System

ID	Task	Task Name	Duration
1		**Tannery Groundwater System**	**412 days**
2		EGLE RAP Approval	1 day
3		**Finalize Design and Specifications**	**70 days**
4		Finalize Design	30 days
5		Finalize Specifications	20 days
6		Permitting (SESC, Rockford)	20 days
7		NPDES Permit Application	80 days
8		**Bidding Process**	**51 days**
9		Select Contractors to bid	15 days
10		Issue bid documents	5 days
11		Pre-bid meeting	5 days
12		Bids Due	5 days
13		Review Bids and Select Contractor	10 days
14		Contracting with selected contractor	15 days
15		**System Installation (1)**	**225 days**
16		Order Equipment (long lead)	60 days
17		Treatment system building construction	100 days
18		Well, pump and piping installation	140 days
19		Performance monitoring well installation	25 days
20		**System Start Up**	**325 days**
21		Staff gauge installation	15 days
22		Initial start up (partial operation)	15 days
23		Troubleshooting	15 days
24		Start up operation/discharge (partial operation)	10 days
25		EGLE NPDES Approval (2)	260 days
26		Extraction well redevelopment	25 days
27		Full system start up	15 days
28		Full system troubleshooting	15 days
29		Full System Operation/Discharge	10 days
30		**Performance Monitoring**	**145 days**
31		Transducer installation	15 days
32		Weekly monitoring (3)	130 days



Project: Tannery Groundwater S
Date: Fri 2/19/21

Task	Project Summary	Manual Task	Start-only	Deadline
Split	Inactive Task	Duration-only	Finish-only	Progress
Milestone	Inactive Milestone	Manual Summary Rollup	External Tasks	Manual Progress
Summary	Inactive Summary	Manual Summary	External Milestone

(1) Construction schedule is estimated based on previous project experience.
(2) NPDES Permit approval schedule is estimated.
(3) Performance monitoring will be conducted for the duration of system operation.

Appendix F – Tannery Interceptor System Conceptual Design Memo

Rose & Westra
A Division of GZA

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ENVIRONMENTAL
ECOLOGICAL
WATER
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TANNERY INTERCEPTOR SYSTEM CONCEPTUAL DESIGN

Rockford, Kent County, Michigan

March 20, 2020
File No. 16.0062335.60

PREPARED FOR:
Wolverine World Wide, Inc.
Rockford, Michigan

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FIGURE 4 TENTATIVE TREATMENT SYSTEM SCHEMATIC

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1.0 INTRODUCTION

On behalf of Wolverine Worldwide, Inc. (Wolverine), Rose & Westra, a Division of GZA GeoEnvironmental, Inc. (R&W/GZA), prepared this Technical Memorandum to describe the goal, technical approach, and conceptual design for the interim remedy (IR), which includes groundwater interception, treatment, and discharge at Wolverine's former tannery site located at 123 North Main Street NE, Rockford, Michigan (Site).

2.0 BACKGROUND

The ongoing remedial investigation (RI) indicates groundwater north and south of Rum Creek generally flows to and likely discharges to the Rogue River. Figures 1 and 2 show groundwater contours (the groundwater flow direction is perpendicular to the contour lines) and the highest Perfluorooctanesulfonic acid (PFOS) concentrations measured in 2017 and 2018. The PFOS concentrations in groundwater exceed the generic groundwater-surface water interface cleanup criterion established under Part 201 of Michigan's Natural Resources and Environmental Protection Act.

The RI provided significant information utilized in the treatment system design, including on-site PFOS distribution, approximate groundwater flux to the Rogue River (estimated from slug tests performed in 2014 and pump tests performed in 2018), and concentrations of other groundwater constituents which can reasonably be predicted to affect perfluoroalkyl substances (PFAS) treatment or discharge.

3.0 OBJECTIVE

The objective of the IR is to reduce the mass of PFOS discharging with groundwater from the Site to the Rogue River. Groundwater will be stagnated east of the Rogue River, captured, treated, and discharged. The IR is not designed to remove all PFAS from groundwater at the Site, but to reduce PFOS migration to the Rogue River while further investigations and longer-term solutions are studied.

4.0 GROUNDWATER CAPTURE

Because the apparent bottom of the shallow groundwater formation north of Rum Creek is near the surface, most shallow groundwater north of Rum Creek will be captured using a French drain/interceptor trench. The trench will be set on the bottom of the shallow groundwater formation. One or more capture/purge wells may be used to collect groundwater from near Rum Creek where the bottom of the shallow groundwater formation is deeper. Groundwater from the trench and capture wells (if any) will be pumped to the treatment building.

The bottom of the shallow aquifer is deeper south than north of Rum Creek; therefore, a series of capture wells will likely be used in this area. The spacing and locations for these purge wells are based on hydraulic conductivity estimates from the slug and pump tests described previously and a particle tracking groundwater model. Several paired shallow and deep capture wells will be used in the southern portion of the Site where multiple interconnected groundwater formations are present. Figure 3 presents a tentative layout for the capture system. As indicated on this Figure, all locations are tentative at this time.

The testing and modeling performed to date suggest individual capture wells will produce less than 1 gallon per minute (gpm) on a continuous basis. R&W/GZA could not identify a variable speed pump having appropriate discharge characteristics for such small flow rates. Therefore, all pumps will be operated on an on-off basis. During startup and balancing for the first several months of operation, pumps in the French drain and capture

wells will be activated by a pressure transducer (level sensor) in the equalization tank. Pressure transducers in the French drain manhole and in all capture wells will stop individual pumps at an adjustable, pre-determined (low) water level. Therefore, each capture location will be controlled by both the equalization tank and their own individual water levels. When the equalization tank reaches its high-water elevation, all pumps will shut off until the equalization tank returns to its low-water level and this cycle will repeat continuously.

Captured groundwater will be pumped via a force main to the treatment building. The portion of the force main passing under Rum Creek will be installed using horizontal boring.

Pressure transducers will also be installed in a series of monitoring wells between the capture wells/French drain and Rogue River as well as one or more points within Rum Creek and/or the Rogue River. These will record water levels to assess the local groundwater flow direction between the surface water bodies and capture system. While not used to directly control the capture system, these measurements will be used to adjust the low-water set point in the capture wells and manhole to optimize/balance the capture system.

5.0 GROUNDWATER TREATMENT

While multiple emerging technologies are being researched and tested for PFAS treatment, R&W/GZA selected granular activated carbon (GAC) sorption for the primary treatment technology because its effectiveness has been thoroughly demonstrated and systems using GAC can be designed, constructed, and implemented promptly. In addition to numerous literature studies, the Point-of-Entry Treatment filters installed at selected homes in the House Street and Wolven-Jewell study areas demonstrate the effectiveness of the proposed GAC treatment.

Initially, treated groundwater will be discharged to the City of Rockford sanitary sewer leading to the North Kent Sewer Authority (NKSA) treatment plant. NKSA has conditionally approved the proposed discharge and treatment scheme. Based on the substantial groundwater test results, only PFAS treatment is required to comply with the NKSA discharge limits.

Based on estimated iron concentrations from groundwater sampling performed to date, iron removal prior to the GAC treatment will be cost effective. Therefore, the groundwater treatment system will include:

- Iron removal - aeration, chemical feed, and settling
- Equalization
- Sediment filtration
- Ultra-Violet sanitizer (to reduce potential bacteriological fouling on the GAC)
- Two-stage GAC
- Sediment filtration
- Effluent metering and sampling

Figure 4 presents the treatment schematic. Because the flow to the treatment system will be increased over time, the design accommodates two different size GAC vessels. The system is designed to accommodate flow from 3 to 50 gpm and includes an effluent clear well to provide water for re-bedding and backwashing the GAC columns. The Treatment System Basis of Design is Attachment 1.

The system will also have connections for full-scale, two-stage, resin (ion exchange) sorption as an alternative or supplement to the GAC. The design accommodates resin sorption before, after, or in place of the GAC.

Sludge from iron removal will be stored prior to off-site disposal in the liquid/semi-solid state.

6.0 IMPLEMENTATION

The IR is subject to local, state, and federal permit requirements. These include, but are not limited to:

- Local zoning, site plan approval and building codes
- Surface water/utility crossing
- Capture well, pipe and conduit installation within the former railroad right-of-way owned by Michigan Department of Transportation.
- Effluent discharge

Wolverine already has conditional discharge approval. All other approvals will be obtained prior to construction.

The conditional discharge approval from NKSA requires the system to be started incrementally, i.e., the flow will be increased stepwise. Therefore, the capture wells south of Rum Creek will be installed in phases (currently two phases are proposed).

7.0 ANTICIPATED SCHEDULE

The design is complete to the 50-percent stage which is sufficient for site plan approval, permitting, and cost estimating. Wolverine will apply for all approvals in Spring 2020.

Construction will likely commence once approvals have been received. We anticipate approximately four months until substantial completion and startup will commence immediately thereafter.

FIGURES

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W E

S

RR-3 691.5

TA-GW-09 691.5

TMW-111 691.2*

TA-GW-05 692.0

TMW-110 691.5*

TA-GW-02 691.7

TMW-109 691.5*

TN-MW-308B 691.5*

TN-MW-308C 691.4*

TN-MW-308A 691.6*

TMW-102 691.2*

TN-MW-307A 692.1

TN-MW-307B 692.2

TMW-108 691.1*

RR-2 691.5

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TN-MW-306B 692.2

692

692.5

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693.5

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694.5

695

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N Main St

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TN-MW-309D 692.0

TN-MW-310A 693.3

TN-MW-310B 693.2

TN-MW-310C 690.3

RR-1 691.5

Legend

- Ground Water Sample Location
- Estimated Hydraulic Head Contour
- Inferred Direction of Groundwater Flow

NOTES

1. CALCULATED VALUES OF OVERBURDEN GROUNDWATER HYDRAULIC HEAD ARE BASED ON DEPTH TO GROUNDWATER MEASUREMENTS MADE BY R&W/GZA ON AUGUST 29, 2018. CALCULATED VALUES OF OVERBURDEN GROUNDWATER HYDRAULIC HEAD BASED ON MEASUREMENTS MADE ON OTHER DATES INCLUDING MARCH 14, 2018 AND AUGUST 3, 2018 WERE INCLUDED FOR LOCATIONS THAT WERE NOT INCLUDED IN THE AUGUST 29, 2018 MEASUREMENT ROUND AND ARE DENOTED WITH "*".
2. ESTIMATED HYDRAULIC HEAD CONTOURS ARE BASED ON DEPTH TO WATER LEVEL MEASUREMENTS MADE IN WELLS SCREENED WITHIN THE UPPER APPROXIMATELY 10 FEET OF THE SATURATED ZONE. CALCULATED VALUES OF HYDRAULIC HEAD BASED ON DEPTH TO WATER LEVEL MEASUREMENTS MADE IN WELLS SCREENED WITHIN DEEPER INTERVALS ARE ALSO SHOW BUT WERE NOT USED IN THE ESTIMATION OF THE HYDRAULIC HEAD CONTOURS DEPICTED HEREON. FOR LOCATIONS WITH MULTIPLE WELLS THE DEPTH TO WATER LEVEL MEASUREMENT FROM THE WELL WITH THE SHALLOWEST WELL SCREEN WAS USED IN THE ESTIMATION OF THE HYDRAULIC HEAD CONTOURS.
3. CALCULATED VALUES OF OVERBURDEN GROUNDWATER HYDRAULIC HEAD FOR WELLS SCREENED AT DEPTHS WITHIN THE SATURATED ZONE GREATER THAN APPROXIMATELY 10 FEET ARE INCLUDED ON THE FIGURE FOR COMPARISON TO THE SHALLOW SCREENED WELLS.
4. ESTIMATED HYDRAULIC HEAD CONTOURS AND INFERRED DIRECTIONS OF GROUNDWATER FLOW ASSUME HOMOGENOUS ISOTROPIC POROUS MEDIA CONDITIONS. LOCALIZED VARIATIONS IN HYDRAULIC HEAD AND THE DIRECTION OF GROUNDWATER FLOW WILL OCCUR DUR TO SPATIAL VARIATIONS IN AQUIFER PROPERTIES.
5. BASEMAP CONTAINS GEOREFERENCED AERIAL IMAGERY PROVIDED BY GOOGLE EARTH DATED TO 2017.

0 25 50 100

SCALE IN FEET

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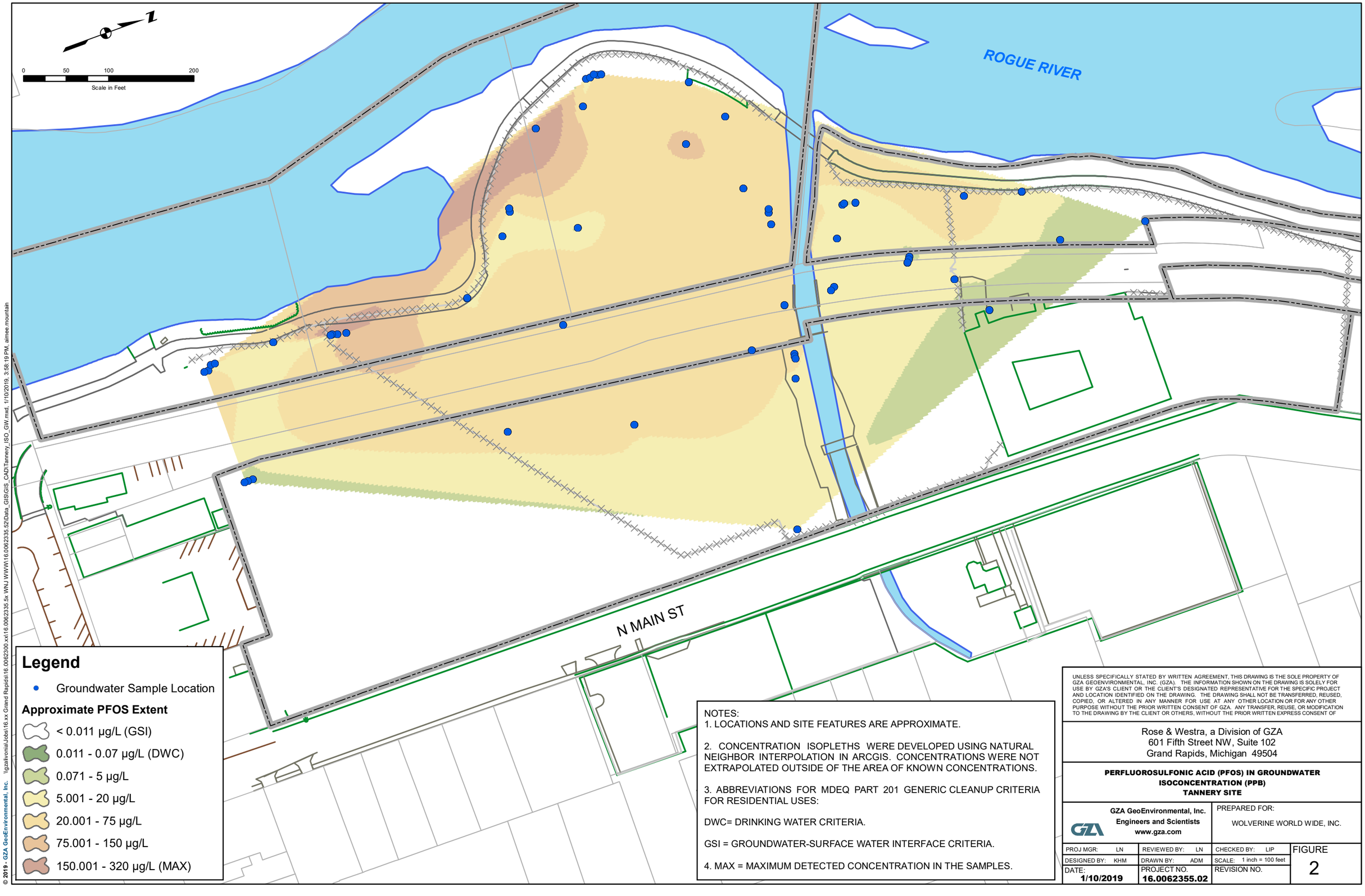
WOLVERINE WORLDWIDE / WARNER, NORCROSS AND JUDD
FORMER TANNERY SITE
123 MAIN STREET, ROCKFORD, MI
2018 DATA SUMMARY REPORT

GROUNDWATER POTENTIOMETRIC CONTOUR MAP SHALLOW OVERBURDEN

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com				PREPARED FOR: WOLVERINE WORLD WIDE / WARNER, NORCROSS & JUDD			FIGURE 1
PROJ MGR:	LN	REVIEWED BY:	LN	CHECKED BY:	JW		
DESIGNED BY:	JW	DRAWN BY:	MD	SCALE:	1 in = 50 ft		
DATE:	October 26, 2018	PROJECT NO:	16.0062335.02	REVISION NO:			

© 2018 - GZA GeoEnvironmental, Inc. \\GZABEDFORD\Jobs\BranchOffices\Wolverine Tannery 16.0062335.00\Figures\Tannery Sample Locations\MD_WWW_Groundwater_Contours.mxd, October 26, 2018 - 2:15:16 PM, aimee.mountain



NOTES:
1. LOCATIONS AND SITE FEATURES ARE APPROXIMATE.

2. CONCENTRATION ISOPLETHS WERE DEVELOPED USING NATURAL NEIGHBOR INTERPOLATION IN ARCGIS. CONCENTRATIONS WERE NOT EXTRAPOLATED OUTSIDE OF THE AREA OF KNOWN CONCENTRATIONS.

3. ABBREVIATIONS FOR MDEQ PART 201 GENERIC CLEANUP CRITERIA FOR RESIDENTIAL USES:

DWC= DRINKING WATER CRITERIA.

GSI = GROUNDWATER-SURFACE WATER INTERFACE CRITERIA.

4. MAX = MAXIMUM DETECTED CONCENTRATION IN THE SAMPLES.

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Rose & Westra, a Division of GZA
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PERFLUOROSULFONIC ACID (PFOS) IN GROUNDWATER ISOCONCENTRATION (PPB) TANNERY SITE

GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
WOLVERINE WORLD WIDE, INC.

PROJ MGR: LN	REVIEWED BY: LN	CHECKED BY: LIP	FIGURE 2
DESIGNED BY: KHM	DRAWN BY: ADM	SCALE: 1 inch = 100 feet	
DATE: 1/10/2019	PROJECT NO. 16.0062355.02	REVISION NO.	

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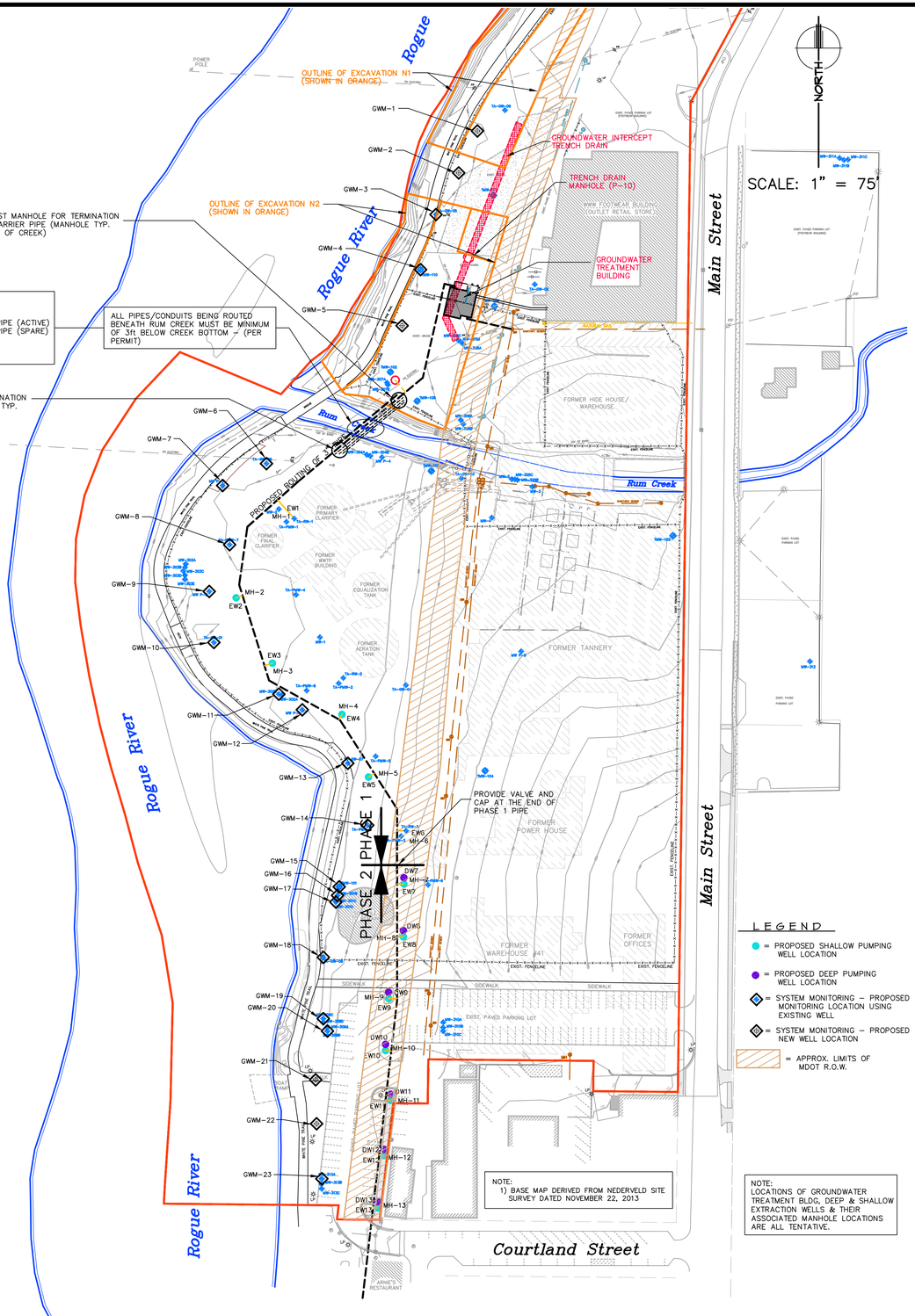


SITE PLAN W/ PROPOSED GROUNDWATER INTERIM REMEDY

DRAFT COPY

DRAWN BY | DESIGN BY | DATE 3/12/20

FILE NO.: 62335.60_SITEPLAN

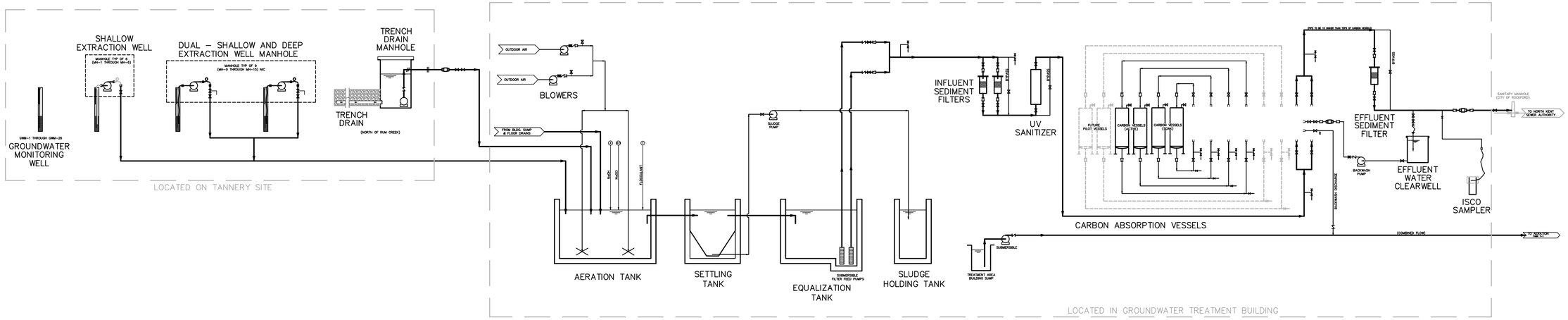
NO.	BY	DATE	REVISIONS
			REVISED IN ACCORDANCE WITH CONSTRUCTION RECORDS

WOLVERINE WORLD WIDE/WNJ
FORMER TANNERY SITE, ROCKFORD, MICHIGAN
GROUNDWATER INTERIM REMEDY

ROSE & WESTRA
A DIVISION OF GZA
Grand Rapids, Michigan
GEOTECHNICAL- ENVIRONMENTAL- ECOLOGICAL- WATER- CONSTRUCTION MANAGEMENT

PROJECT NO.
16.0062335.60

SHEET NO.
3



GROUNDWATER INTERIM REMEDY - PROCESS FLOW DIAGRAM

DRAFT COPY

DRAWN BY	DESIGN BY	DATE
KJB	BLR	3/18/20

FILE NO.: 62335_60_F5

NO.	REVISIONS	BY	DATE
	REVISED IN ACCORDANCE WITH CONSTRUCTION RECORDS		

WOLVERINE WORLD WIDE/WNJ
FORMER TANNERY SITE, 123 MAIN ST. ROCKFORD, MI.
GROUNDWATER INTERIM REMEDY

ROSE & WESTRA
A DIVISION OF GZA
Grand Rapids, Michigan
GEOTECHNICAL- ENVIRONMENTAL- ECOLOGICAL- WATER- CONSTRUCTION MANAGEMENT

PROJECT NO.
16.0062335.05

SHEET NO.
4

ATTACHMENT 1

TREATMENT SYSTEM BASIS OF DESIGN

Wolverine Tannery IR
Wastewater Treatment
Last Revised: 1/24/2020 - MAW

Influent Flow-	gpm	gpd
Phase I - NKSA discharge	7	10080
Phase II - NPDES discharge (includes Phase I)	28	40320
Phase III (Phase I & II + Unknown future)	50	72000

Extraction Wells	gpm	gpd
Phase I (5-6) MH-1 to MH-6 + North Trench Drain	7	10080
Phase II (~ 18 additional extaction wells)	21	30240
Subtotal	28	40320

Influent Concentrations

PFAS - GW	28740	ppt
Fe - GW	1.27	mg/l
Ammonia - GW	1.18	mg/l
Chloride	133	mg/l

Effluent Required for NKSA discharge	
PFAS	ND

Aeration Tank

Design Objective - oxidize iron for precipitation and settling.

Since the rate of the reaction is pH dependent, pH adjustment equipment will be installed to raise the pH, if required.

At pH 6 - requires > 100 hours.
At pH of 7.0 - 90% Fe+2 oxidation requires 1 hour at 21C - requires 10 hours at 5C
At pH of 8 - 90% Fe+2 oxidation in 30 seconds.

However, the aeration tank will be designed to provide 30 minutes of detention at a pH of 7.5 based on no addition of hydroxide.

Average pH of Groundwater	7.5

Detention Time (minimum)	30	minutes

Tank volume based on Phase III - 50 gpm	1500	gallon	
Type	Concrete		
Size (cu ft) required	201		
width	3	ft	
length	14	ft	
depth	6	ft (swd)	
Cubic foot designed	252		

Oxygen Required:

TOC	4	mg/l	assume 3lb Oxygen/lb TOC
Fe	1.27	mg/l	assume 1lb/lb
Increase DO	6	mg/l	
Oxygen Required	11.6	lb/day	
	0.4833333	lb oxygen/hour	
say 4% transfer	0.04		
say .21 percent oxygen in air	0.21		
Air required	57.5	lb air/hour	
Air density	0.0765	lb/cu ft	
	752	cu ft/hr	
	13	CFM	

Notes: Use NaOCl to inhibit nitrification if needed

Air Supply

Type	Rotary Vane
Number	2 installed Standby
Equal to	PB Gast
Diffusers	removable for cleaning hand drilled orifices - Fabricate with 1" SS pipe

Settling Tank

Overflow Rate (OR)	0.5	gpm/sf
Surface Area Required at 50 gpm influent flow	100	SF
Area provided		
length	18	

width	6	
Area provided	108	SF

Wet Well/Equalization

Purpose - on-off control of PD pumps discharging to treatment		
Size - on-off cycle, dwell in tankage when all off, re-bed backwash	8078	gallon
Available for re-bed backwash	6000	gallon
Pumps		
P-1 - 1 standby (on shelf) for NKSA	7	gpm
P-2 - NPDES Phase II	28	gpm

Control

Set flow rate and control pump speed to maintain flow rate.

Solids Generation

Iron hydroxide solids	1.27	mg/l
Fe-OH Solids	0.7626096	lb/day
Fe-OH Solids	0.7626096	lb/day
Chemical/conditioning	2.5	Multiplier
Total Solids 50 gpm	1.906524	lb/day
Monthly	57.19572	lbs/month
underflow (2-5%) use 3	0.03	
volume	228.6	gallons/month
Tank size - 3' wide, 6' deep, 18' long =	2424	gallons
Months of storage	10.601575	
Ultimate disposal	Pump and Haul	

Pre-Carbon Sediment Filters

Number	2	
One operating, one standby		
Polyester Felt Bag	20-25	micron
Mesh basket	40	micron

UV Sanitizer

UV Viqua Pro 50

Design flow	50	gpm

GAC Vessels

	Phase I NKSA	Phase II NPDES
Concentration ppt	28740	28740
Lead size CF	24	38
Peak flow (gpm)	10	28
Avg Flow (gpm)	7	28
# columns in lead	1	1
Column height (in)	72	72
Column dia (in)	30	48
Column Area (SF)	4.9	12.6
HLR Average	1.4	2.2
HLR Peak	2.0	2.2
EBCT min	18	10
tb (time to breakthrough, days)	88	35

Post-Carbon Sediment Filters

Number	1	
Polyester Felt Bag	20-25	micron
Mesh basket	40	micron

Sampling/Metering

ISCO Refrigerated Model 5800 - Flow Proportional Sampling

GZA GeoEnvironmental, Inc.