Revised Aquifer Slug Test Report

Fairview Station
Española, New Mexico
Facility #28779   RID #4657

August 28, 2019

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Ms. Susan von Gonten, Project Manager
New Mexico Environment Department
Petroleum Storage Tank Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

RE: *REVISED* AQUIFER SLUG TEST REPORT
        Fairview Station, Española, New Mexico
        Facility #28779   SID #4657   WPID #3997-2

Dear Ms. von Gonten:

Souder, Miller & Associates (SMA) is submitting this revised letter report for Aquifer Slug Tests conducted on selected wells at the Fairview Station PST release site (site) located in Española, New Mexico. This report was prepared for submittal to the New Mexico Environment Department (NMED), Petroleum Storage Tank Bureau (PSTB) pursuant to the work plan dated July 17, 2018 and approved by the NMED PSTB on September 14, 2018 (WPID #3997-2). This report includes revisions based on comments received by NMED PSTB on August 19, 2019.

Background

The Fairview Station State Lead site consists of comingled releases from two petroleum storage tank (PST) sites. These PST sites include the Fairview Station site located at 1626 North Riverside Drive and a former gas station (currently a Dairy Queen) located north of Fairview Station at 1702 North Riverside Drive in Española, New Mexico. The site is located within the City of Española and on Ohkay Owingeh Pueblo lands. The release at the Fairview Station was confirmed during the Minimum Site Assessment investigation in 2013 by Terracon Consultants Inc. (Terracon). The release at the Dairy Queen was discovered in 2013 and 2014 during investigations to define the extent of contamination from Fairview Station. EA Engineering, Science, & Technology, Inc. (EA) conducted additional investigations, groundwater monitoring and NAPL recovery in 2015 and 2016. Contaminated soil, groundwater and non-aqueous phase hydrocarbon liquid (NAPL) are present on both sites.

The Fairview Station was developed in the 1970s. It initially had two underground storage tanks (UST) which were replaced with three USTs in 1989. These USTs were removed in July 2012 with notable soil contamination. PSTB confirmed a release on August 9, 2012. Aerial photographs taken by New Mexico Department of Transportation (NMDOT) indicate the former gas station on the Dairy Queen property was present in the 1960s. Two dispensers and a likely aboveground storage tank (AST) are visible in these photographs. Figure 1 illustrates the site and surrounding area.

Slug Tests:

The purpose of the slug tests documented in this report is to estimate aquifer hydraulic properties using existing monitoring wells located within the area that is planned to be dewatered by a proposed pump-and-treat remediation system. Six site monitoring wells (MW-10, MW-17, MW-19, MW-27, MW-29, and MW-31) were tested (Figure 1). Each well testing included two falling-head tests (slug in) and two rising-head tests (slug out) except monitoring wells MW-19 which had one test of each type and monitoring well MW-31 which had two falling-head test s and one rising-head test.

Tests in two-inch diameter wells were conducted using a solid polyvinyl chloride (PVC) slug with a volume of 0.33 gallons. The slug is a 24" H(o) slug manufactured by Midwest Geosciences Group. The 0.33 gallon slug has a theoretical displacement of two feet in two-inch diameter wells. The theoretical displacement refers to the change in water elevation that would occur in a blank pipe (no water movement into the formation or filter pack). Tests in the 4-inch diameter wells were conducted with a sand-filled PVC slug of 1.2 gallon volume. The larger slug was constructed of five feet of 2" Schedule 40 PVC pipe (2.375" outer diameter) with two 1.5" PVC end caps (2.25" diameter, 1.3" cylinder height to domed portion, 1.9" height to peak of dome). The 1.2 gallon slug has a theoretical displacement of 1.85 feet in 4-inch diameter wells. AquaStar PT2X pressure transducers were installed in the wells immediately above the bottom of the well. The pressure transducers were set to record pressure and temperature measurements every second.

The procedures used during the tests were based on the U.S.G.S. Ground Water Procedure Document 17 (GWPD 17) Conducting an Instantaneous Change in Head (Slug) Test with a Mechanical Slug and Submersible Pressure Transducer. To start the tests, the slug was inserted into the water column quickly and smoothly (falling-head test). Water levels were allowed to stabilize for at least a half-hour before removing the slug from the water column (rising-head test). Again, the water levels were allowed to stabilize before repeating the process. Water and NAPL level measurements were measured prior to the tests and during the stabilization periods. In general, the fluid levels stabilized following each slug test within 100 to 200 seconds. However, the gauging data collected during the stabilization periods showed variation that was interpreted in the field to be part of the slug test recovery. The pressure transducer data indicates this variation was actually due to natural groundwater elevation fluctuation during the day. The groundwater elevation at the site was observed to decrease gradually about 0.5 feet during the day to approximately 3:40 p.m. when it began to rise about one foot.   Photographs of the equipment used are attached.

MW-10

On May 9, 2019, four slug tests conducted on monitoring well MW-10 which is located in the southwest corner of the Dairy Queen property. Monitoring well MW-10 is approximately 24.2 feet in depth with 15 feet of screen. The measured initial depth to groundwater was 16.73 feet in MW-10. Figure 2 depicts the water elevation changes in MW-10 versus time during entire testing period. Figures 3 and 4 depict the water displacement measurements during the slug insertions (falling-head tests) and subsequent recovery. Figures 5 and 6 depict the water displacement measurements during the slug withdrawals (rising-head tests) and subsequent recovery.

The falling-head tests 1 and 2 of MW-10 had peak displacement values of 1.164 and 0.732 feet, respectively. The rising-head tests 1 and 2 of MW-10 had peak displacement values of 0.732 and 0.952

feet, respectively. The lower peak displacements observed during the second pair of tests may be the result of slower slug insertion/withdrawal during the second tests. There may be additional variability caused by the peak displacement not being captured by the sample interval of the pressure transducer. Falling-head test 2 had a displacement of 0.732' at second 2 and 0.670' at second 3. It is possible the actual peak displacement occurred between seconds 2 and 3 which may have been higher and closer to the other tests on MW-10.

MW-17

On May 9, 2019, four slug tests conducted on monitoring well MW-17 which is located in the southeast corner of the Dairy Queen property. Monitoring well MW-17 is approximately 24.9 feet in depth with 15 feet of screen. The measured initial depth to groundwater was 16.38 feet in MW-17. Figure 7 depicts the water elevation changes in MW-17 versus time during entire testing period. Figures 8 and 9 depict the water displacement measurements during the slug insertions and subsequent recovery. Figures 10 and 11 depict the water displacement measurements during the slug withdrawals and subsequent recovery.

The falling-head tests 1 and 2 of MW-17 had peak displacement values of 0.492 and 0.672 feet, respectively. The rising-head tests 1 and 2 of MW-17 had peak displacement values of 1.217 and 1.187 feet, respectively. The differences in maximum displacement between falling-head and rising-head tests are likely due to water being slower to drain from pore space (rising-head) compared to water moving into saturated pore space (falling-head). Additionally, the falling-head test 1 showed an oscillation of the water level that sometimes occurs in slug tests of wells with relatively high hydraulic conductivity ('underdamped response'). All of the other tests of MW-17 showed normal displacement and recovery curves. The accuracy of the calculations based on falling-head test 1 may be reduced due to the oscillation observed in the recovery curve.

MW-19

On May 9, 2019, two slug tests conducted on monitoring well MW-19 which is located north of the Dairy Queen property in the Floral Expressions property. Monitoring well MW-19 is approximately 25.6 feet in depth with 15 feet of screen. The measured initial depth to groundwater was 17.72 feet in MW-19. Figure 12 depicts the water elevation changes in MW-19 versus time during entire testing period. Figures 13 depicts the water displacement measurements during the slug insertion and subsequent recovery. Figures 14 depicts the water displacement measurements during the slug withdrawal and subsequent recovery.

One cycle of falling-head and rising head tests were conducted on monitoring well MW-19. The falling-head test had a maximum displacement of 1.162 feet and the rising head test had a maximum displacement of 1.374 feet. The falling-head test showed a quick drop from the maximum displacement but began to level out at an elevation above the initial water level. This may be partly due to the relatively rapid water table rise that was observed at the site in the mid-afternoon. The rising-head test exhibited a more gradual recovery following the peak displacement. This slower recovery is likely due to a slower movement of water draining from pore space compared to the movement of water into already filled pore space (falling-head).

MW-27

On May 9, 2019, four slug tests conducted on monitoring well MW-27 which is located in the parking lot of the Dairy Queen south of the building. Monitoring well MW-27 is approximately 25.9 feet in depth with 15 feet of screen. The measured initial depth to groundwater was 15.07 feet in MW-27. Figure 15 depicts the water elevation changes in MW-27 versus time during entire testing period. Figures 16 and 17 depict the water displacement measurements during the slug insertions and subsequent recovery. Figures 18 and 19 depict the water displacement measurements during the slug withdrawals and subsequent recovery.

The falling-head tests 1 and 2 of MW-27 had peak displacement values of 1.801 and 2.219 feet, respectively. The rising-head tests 1 and 2 of MW-27 had peak displacement values of 1.919 and 1.898 feet, respectively. Of all the wells tested, monitoring well MW-27 showed the least variability between tests. All tests had similar maximum displacements with relatively slow recoveries from the initial displacement. The peak displacement of falling-head test 2 (2.219') exceeds the theoretical displacement of the slug used. This indicates the slug was inserted into the water column too quick resulting in a shock wave that was detected as an anomalously large displacement. While this may introduce error into the analysis of the test, typically such a spike does not significantly impact the test analysis as only one data point is anomalous. The slow recoveries observed in the tests of MW-27 are consistent with the higher proportion of clay observed in the well bore compared to other wells at the site.

MW-29

On May 9, 2019, four slug tests conducted on monitoring well MW-29 which is located in the northern portion of Fairview Station property northeast of the former UST basin. Monitoring well MW-29 is approximately 26.5 feet in depth with 15 feet of screen. The measured initial depth to NAPL was 15.30 feet and groundwater was 17.01 feet in MW-29. Figure 20 depicts the water elevation changes in MW-29 versus time during entire testing period. Figures 21 and 22 depict the water displacement measurements during the slug insertions and subsequent recovery. Figures 23 and 24 depict the water displacement measurements during the slug withdrawals and subsequent recovery.

The falling-head tests 1 and 2 of MW-29 both had peak displacement values of 0.871 feet. The rising-head tests 1 and 2 of MW-29 had peak displacement values of 1.245 and 1.307 feet, respectively. Each of the tests of MW-29 exhibited relative slow recoveries following the peak displacement. Also, each of the tests showed and oscillation or change in recovery rate during the initial disturbance (slug in/out) or during the recovery. These abnormal deflections are likely because the well contained NAPL. If water or NAPL preferentially enters or exits the well casing, the overall density of the fluid column above the pressure transducer changes. Since the overall density of the fluid column may have changed the calculated displacement in feet may be inaccurate. Further evidence of this change is in the depth to NAPL/water measurements collected before and after the test. The NAPL thickness was 1.71 feet in MW-29 before the testing and 1.43 feet after the tests. For these reasons, we believe the aquifer properties calculated from these tests should be considered uncertain.

MW-31

On May 9, 2019, three slug tests conducted on monitoring well MW-31 which is located in the northern portion of Fairview Station property northwest of the former UST basin. Monitoring well MW-31 is approximately 26.5 feet in depth with 15 feet of screen. The measured initial depth to NAPL was 15.53 feet and groundwater was 18.77 feet in MW-31. Figure 25 depicts the water elevation changes in MW-31 versus time during entire testing period. Figures 26 and 27 depict the water displacement measurements during the slug insertions and subsequent recovery. Figure 28 depicts the water displacement measurements during the slug withdrawal and subsequent recovery.

The falling-head tests 1 and 2 of MW-31 had peak displacement values of 1.356 and 1.092 feet, respectively. The single rising-head test had a peak displacement value of 1.859 feet. Each of the tests of MW-31 exhibited oscillations during the initial disturbance followed by recovery to an elevation significantly higher than the pre-test fluid level. These unusual observations are likely because the well contained NAPL. The NAPL thickness was 3.24 feet in MW-31 before the testing and 2.62 feet after the tests. The unusual fluid recovery and change in the amount of NAPL in the well before and after testing, indicates the proportion of NAPL and water in the well casing during testing was not constant. We do not believe the aquifer parameters derived from the tests on MW-31 are accurate and should be used with caution.

Hydraulic Parameters

The purpose of the slug tests was to estimate aquifer hydraulic parameters of the shallow aquifer to aid in design of the pump-and-treat portion of the proposed remediation system. Aquifer hydraulic parameters were calculated using the AqteSolv software package. The Hyder et al. (1994) method was used for the curve-matching method within AqteSolv. Hyder et al. (1994) assumes unconfined aquifer conditions. Table 1 below lists the factors and assumptions used to estimate hydraulic conductivity for the wells. A summary of the aquifer parameters calculated is shown in Table 2. AqteSolv output data for each tested well is attached.

Table 1: Inputs and Assumptions for Calculations

Well	Well Diameter (in.)	Total Depth (ft)	Initial Depth to NAPL (ft)	Initial Depth to Water (ft)	Static Water Column (ft)	Transducer Depth (ft)
MW-10	2	24.2	--	16.73	7.47	23.4
MW-17	2	24.9	--	16.38	8.52	24.4
MW-19	2	25.6	--	17.72	7.88	24.8
MW-27	2	25.9	--	15.07	10.83	25.5
MW-29	4	26.5	15.30	17.01	11.20*	25.4
MW-31	4	26.5	15.53	18.77	10.97*	24.6
Notes:	Depths measured relative to the top of well casing					
	* - Static water column measurement includes NAPL					

MW-10

The hydraulic conductivity calculated from the slug test data ranged from 1.212 to 4.983 ft/day in monitoring well MW-10. The average hydraulic conductivity value is 2.467 ft/day. The variability in hydraulic conductivity values derived from the tests of MW-10 is fairly good. The largest value is 4.1

times greater than the smallest value. Variability on this scale is common with slug testing. Whereas, variability approaching or exceeding an order of magnitude indicates accuracy issues with one or more tests.

MW-17
The hydraulic conductivity calculated from the slug test data ranged from 2.85 to 28.76 ft/day in monitoring well MW-17. The average hydraulic conductivity value is 9.646 ft/day. Three of the tests had hydraulic conductivity values that were tightly grouped (2.85 to 3.647 ft/day). While the rising-head test 2 had a value an order of magnitude greater than the lowest value. However, falling-head test 1 of MW-17 had significant oscillations in the recovery curve yet had an estimated hydraulic conductivity that fell within the group of three similar values. Both of these anomalous tests exhibited relatively poor AqteSolv curve matches. For these reasons, we believe the results of the falling-head test 1 and rising-head test 2 should not be relied on. The hydraulic conductivity values of 2.85 and 3.647 feet/day based on the two other tests should be used for the well.

MW-19
The hydraulic conductivity calculated from the slug test data ranged from 1.588 to 4.052 ft/day in monitoring well MW-19. The average hydraulic conductivity value is 2.82 ft/day. As only two tests were conducted on the well, it is not possible to evaluate variability in the data.

MW-27
The hydraulic conductivity calculated from the slug test data ranged from 1.069 to 2.049 ft/day in monitoring well MW-27. The average hydraulic conductivity value is 1.444 ft/day. The hydraulic conductivity values derived from the four tests are similar with low variability. In addition, monitoring well MW-27 has the lowest average hydraulic conductivity value which is consistent with the observation of the well have more clay than the other wells tested.

MW-29
The hydraulic conductivity calculated from the slug test data ranged from 7.162 to 21.42 ft/day in monitoring well MW-29. The average hydraulic conductivity value is 12.748 ft/day. Since the well contained significant NAPL during the test, the calculated values may be inaccurate.

MW-31
The hydraulic conductivity calculated from the slug test data ranged from 0.9628 to 7876 ft/day in monitoring well MW-31. The 7876 ft/day value is anomalous and is not realistic for natural sediments. The average hydraulic conductivity value excluding the anomalous value is 1.0 ft/day. Since the well contained significant NAPL during the test and the fluid displacement did not recover to close to the initial values, the calculated values may be inaccurate.

Table 2: Summary of Calculated Aquifer Hydraulic Properties

Well	Test	Hydraulic Conductivity (Ft/day)	Hydraulic Conductivity (cm/sec)	Specific Storage (ft^{-1})
MW-10	Falling-Head 1	2.209	0.00078	0.00013
	Falling-Head 2	1.464	0.00052	0.00014
	Rising-Head 1	1.212	0.00043	0.00014
	Rising-Head 2	4.983	0.0018	0.00013
	AVERAGE	**2.467**	**0.00087**	**0.00014**
MW-17	Falling-Head 1	3.328	0.0012	0.00012
	Falling-Head 2	2.85	0.0010	0.00013
	Rising-Head 1	3.647	0.0013	0.00013
	Rising-Head 2	28.76	0.010	0.00013
	AVERAGE	**9.646**	**0.0034**	**0.00013**
MW-19	Falling-Head 1	1.588	0.00056	0.00014
	Rising-Head 1	4.052	0.0014	0.00013
	AVERAGE	**2.82**	**0.00099**	**0.00013**
MW-27	Falling-Head 1	2.049	0.00072	0.000092
	Falling-Head 2	1.572	0.00055	0.00011
	Rising-Head 1	1.085	0.00038	0.00010
	Rising-Head 2	1.069	0.00038	0.00011
	AVERAGE	**1.444**	**0.00051**	**0.00010**
MW-29	Falling-Head 1	11.49*	0.0041*	0.00011*
	Falling-Head 2	7.162*	0.0025*	0.00011*
	Rising-Head 1	21.42*	0.0076*	0.00010*
	Rising-Head 2	10.92*	0.0039*	0.00011*
	AVERAGE	**12.748***	**0.0045***	**0.00011**
MW-31	Falling-Head 1	7876**	2.78**	0.000091**
	Falling-Head 2	0.9628*	0.00034*	0.00010*
	Rising-Head 1	1.038*	0.00037*	0.00010*
	AVERAGE	**1.000***	**0.00035***	**0.00010**

Notes: * Well contained NAPL during testing – results may be inaccurate

** Calculated values are anomalous and not used in average for the well.

The slug tests estimated the hydraulic conductivity of the shallow aquifer to range from 0.96 to 28.76 ft/day. However, most of the hydraulic conductivity values were less than 3 ft/day. Chart 1 below is a histogram of the calculated values. Eleven of the twenty values are less than 3 ft/day and three values are between 3 and 5 ft/day. The values greater than 5 ft/day are widely scattered with no more than one value in any of the 2 ft/day bins. For the purposes of remediation system design and groundwater modeling, SMA believes the values greater than 5 ft/day should be disregarded.

Chart 1: Histogram of Hydraulic Conductivity Values
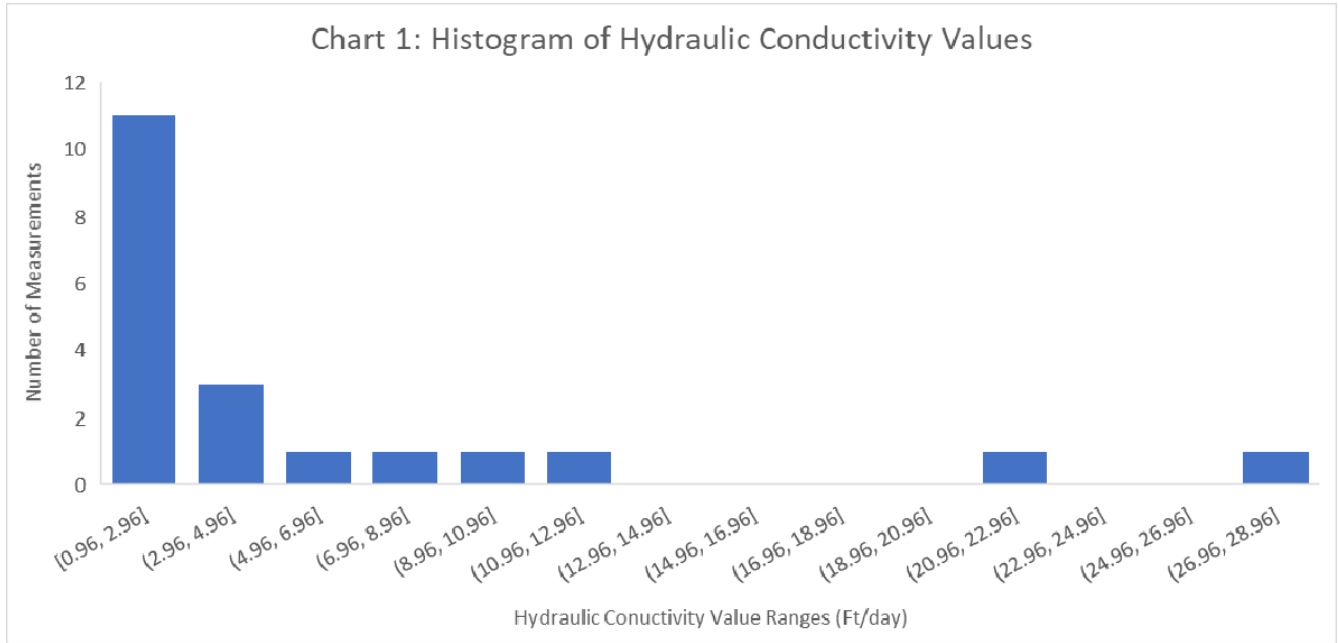
Sincerely,
SOUDER, MILLER & ASSOCIATES

Alan Eschenbacher, P.G.
Senior Geoscientist

Attachments
Photolog
Figure 1: Site Map
Figure 2: Monitoring Well MW-10 Transducer Data
Figure 3: MW-10 Falling-Head Test 1
Figure 4: MW-10 Falling-Head Test 2
Figure 5: MW-10 Rising-Head Test 1
Figure 6: MW-10 Rising-Head Test 2
Figure 7: Monitoring Well MW-17 Transducer Data
Figure 8: MW-17 Falling-Head Test 1
Figure 9: MW-17 Falling-Head Test 2
Figure 10: MW-17 Rising-Head Test 1
Figure 11: MW-17 Rising-Head Test 2
Figure 12: Monitoring Well MW-19 Transducer Data
Figure 13: MW-19 Falling-Head Test 1
Figure 14: MW-19 Rising-Head Test 2
Figure 15: Monitoring Well MW-27 Transducer Data
Figure 16: MW-27 Falling-Head Test 1
Figure 17: MW-27 Falling-Head Test 2

Photo 1: 1.2 and 0.33 gallon slugs for 4 and 2 inch diameter wells

Photo 2: 1.2 gallon slug at monitoring well MW-29 with transducer installed in well.

Photo 3: Monitoring well MW-27 with slug and transducer installed in well.

Photo 4: Monitoring well MW-17 with slug and transducer installed in well.

FLORAL EXPRESSIONS

A'

B'

NEW MEXICO BANK & TRUST

DIARY QUEEN

MW-19
MW-14
MW-18
MW-26
MW-20
MW-9
FORMER DISPENSERS
MW-28
MW-27
FORMER AST LOCATION
MW-17
C'
MW-21
MW-10
MW-8
MW-11

NORTH RIVERSIDE DRIVE (NM 68)

CALLE RANCHITOS

CARR LANE

SSMH

MW-6
MW-31
MW-30
MW-29

FORMER UST BASIN

MW-12
MW-2
MW-1
SB-1
MW-4
D'

VACANT BUILDING

MW-7
FAIRVIEW STATION
SB-2

MURPHY OIL GAS STATION

FORMER DISPENSERS
MW-3

MW-15
SB-3
MW-16
E'

MW-5

PP
PP
PP

WENDY'S

LPO

MW-13
MW-22

LPO
LPO

LP

MW-23

A
B
VALLEY DRIVE

LEGEND

Symbol	Description
MW-7	2" MONITORING WELL
MW-30	4" MONITORING WELL
SB-1	SOIL BORING LOCATION
SSMH	SANITARY SEWER MAN HOLE
WV	WATER VALVE
	FIRE HYDRANT
	NATURAL GAS METER
PPO	POWER POLE
LPO	LIGHT POLE

A — — — A'   LINE OF CROSS SECTION

—— W ——   WATER LINE

————   FIBER OPTIC LINE

— OHE —   OVERHEAD ELECTRIC LINE

— E —   UNDERGROUND ELECTRIC LINE

— S —   SEWER PIPE

— GAS —   NATURAL GAS LINE

— · · —   NMDOT RIGHT-OF-WAY

SCALE

0'   25'   50'   100'
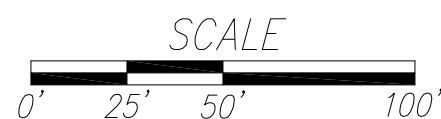
SMA
SOUDER, MILLER & ASSOCIATES
2904 Rodeo Park Drive East, Bldg 100
Santa Fe, NM 87505

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Engineering
Environmental
Surveying

SITE MAP
FAIRVIEW STATION
ESPAÑOLA, NEW MEXICO

Designed	Drawn	Checked
AJE	AJE	SAM

Date: JUNE, 2019
Scale: Horiz: 1" = 50'   Vert: N/A
Project No:
Sheet: **Figure 1**
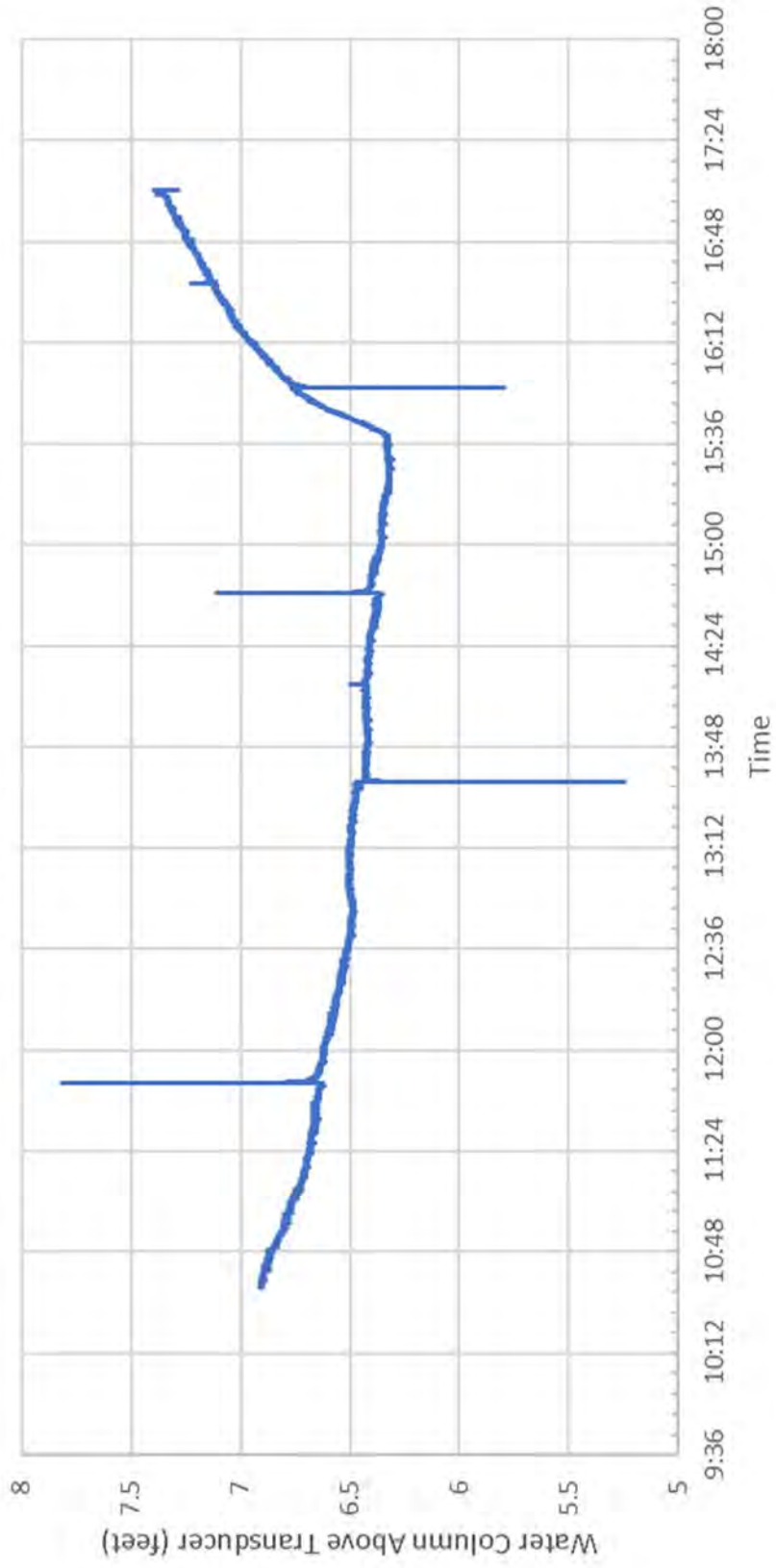
\\192.168.4.10\Projects\3-Fairview Station State Lead (3426622)\CAD\2019-03 GW Mon\2019-06 Fairview Station.dwg, AJE, 7/9/2019 9:00 AM

Figure 2: Monitoring Well MW-10 Transducer Data

Figure 3: MW-10 Falling-Head Test 1
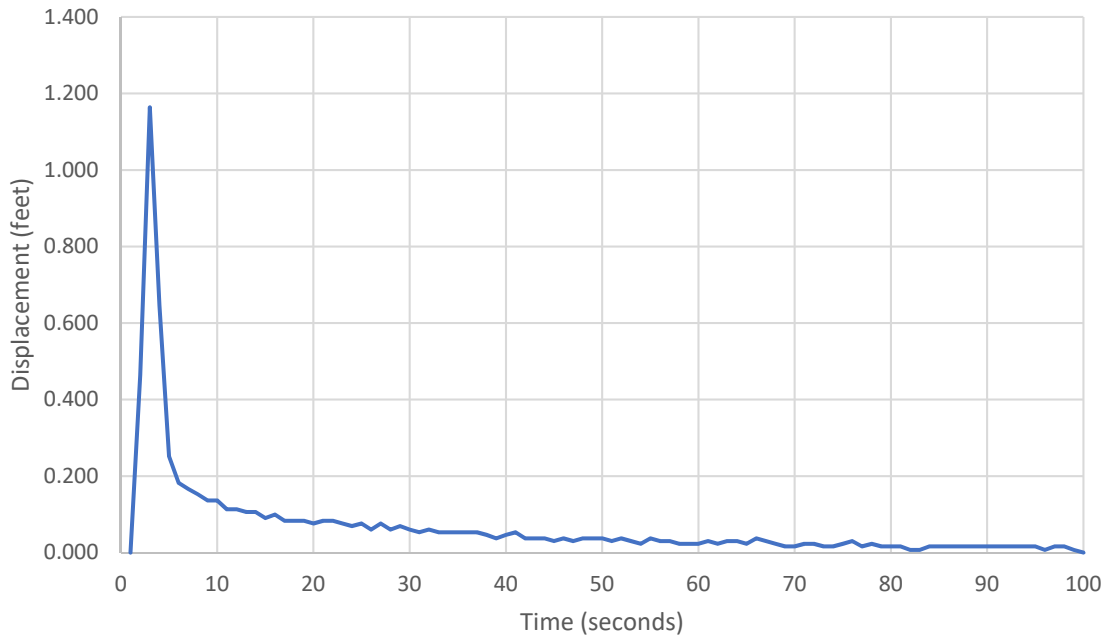
Figure 4: MW-10 Falling-Head Test 2
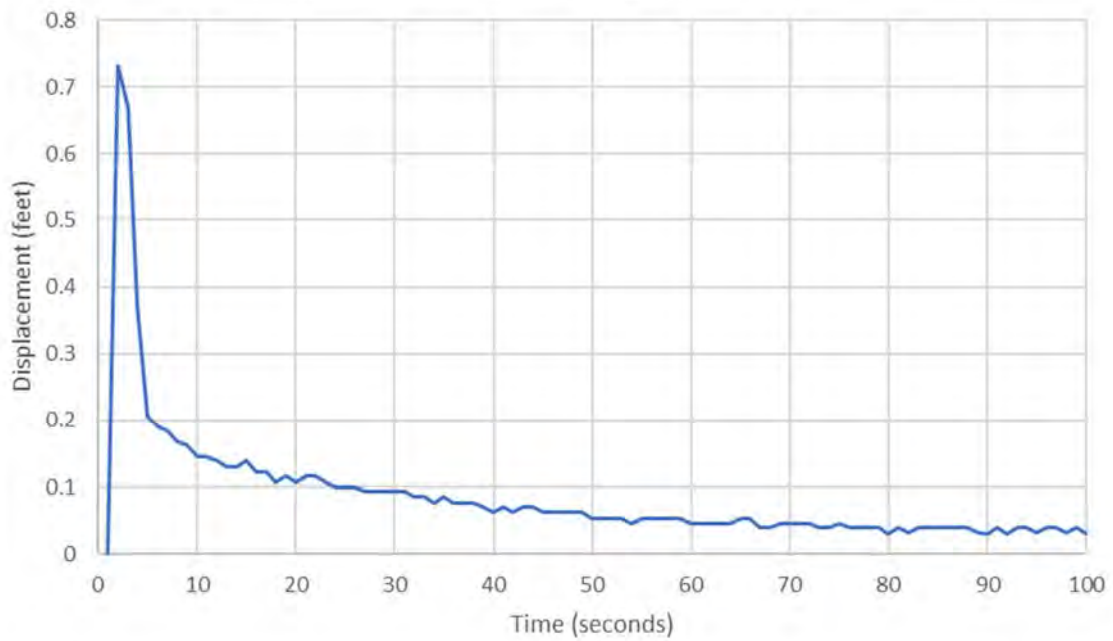
Figure 5: MW-10 Rising-Head Test 1
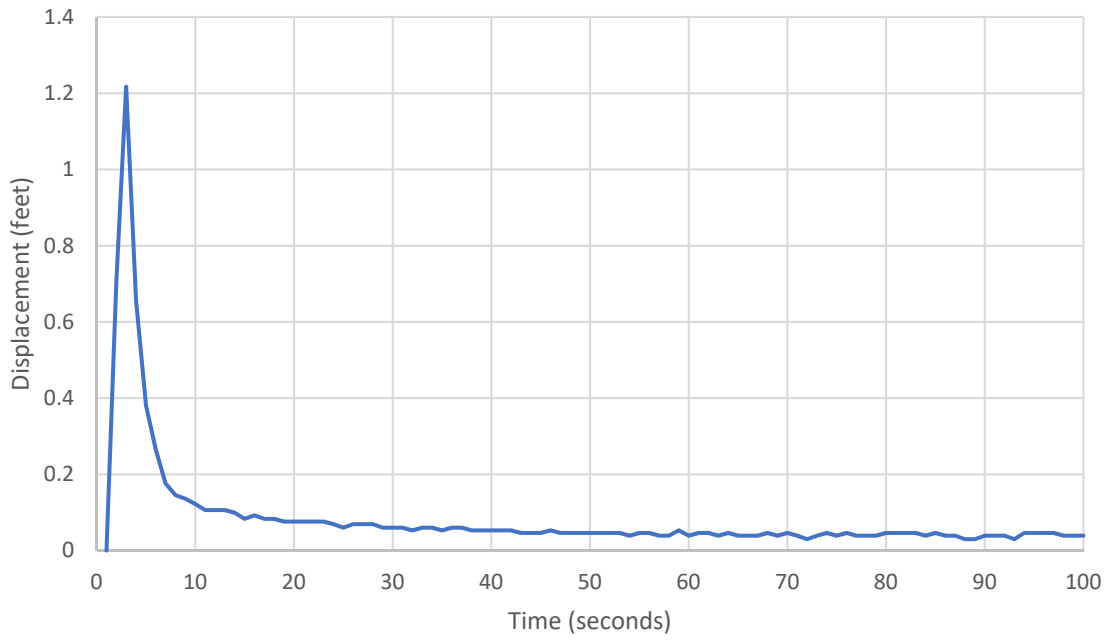
Figure 6: MW-10 Rising-Head Test 2
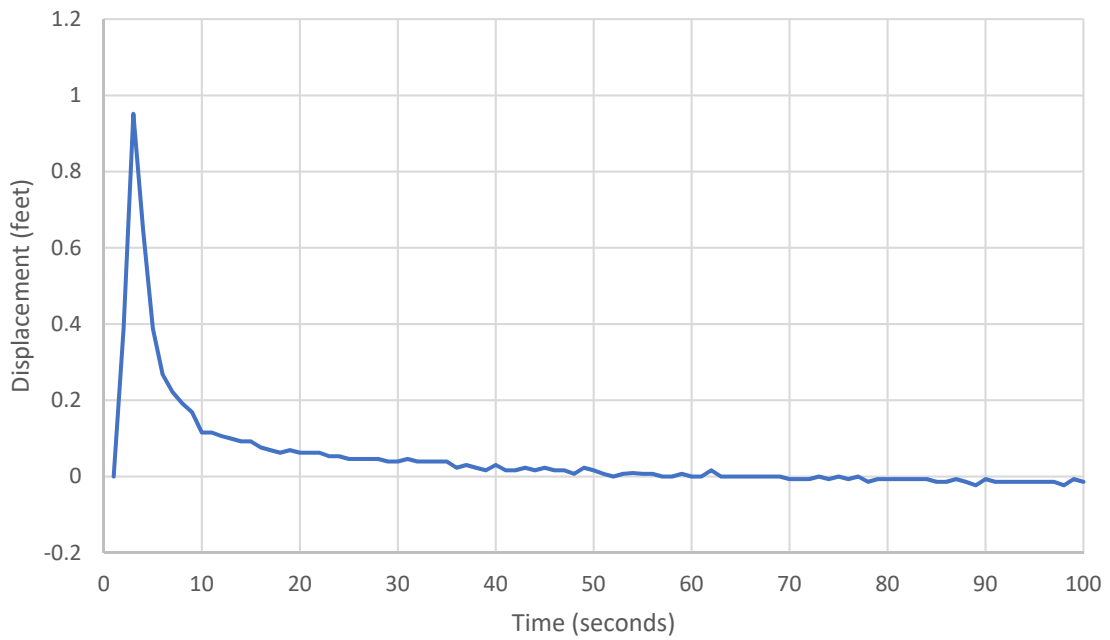
Figure 7: Monitoring Well MW-17 Transducer Data

Figure 8: MW-17 Falling-Head Test 1
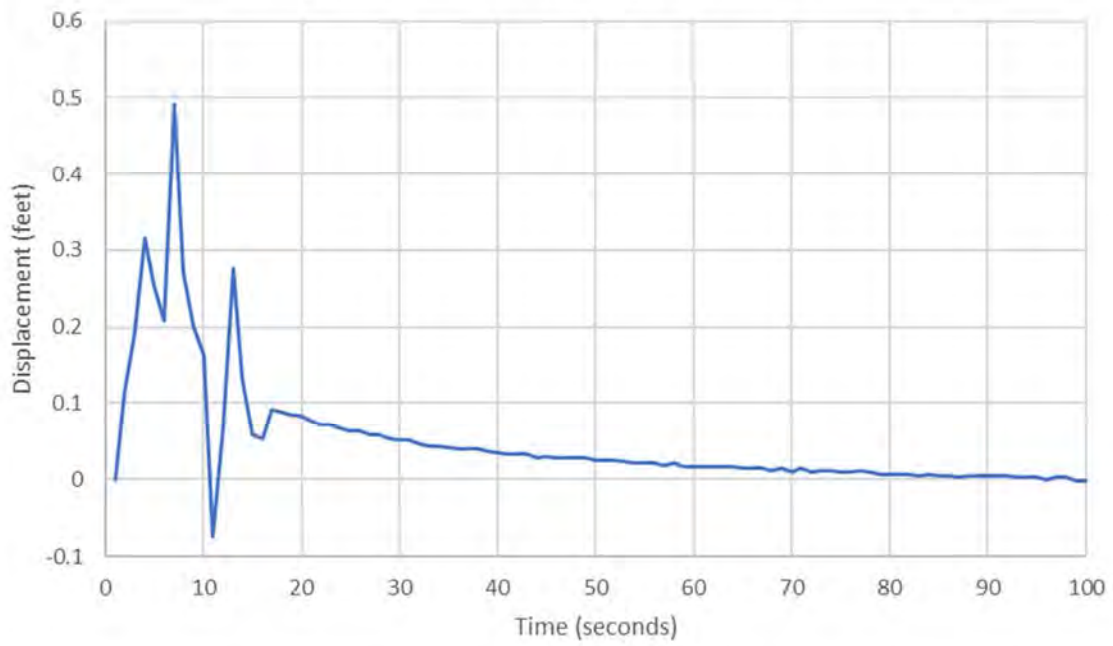
Figure 9: MW-17 Falling-Head Test 2
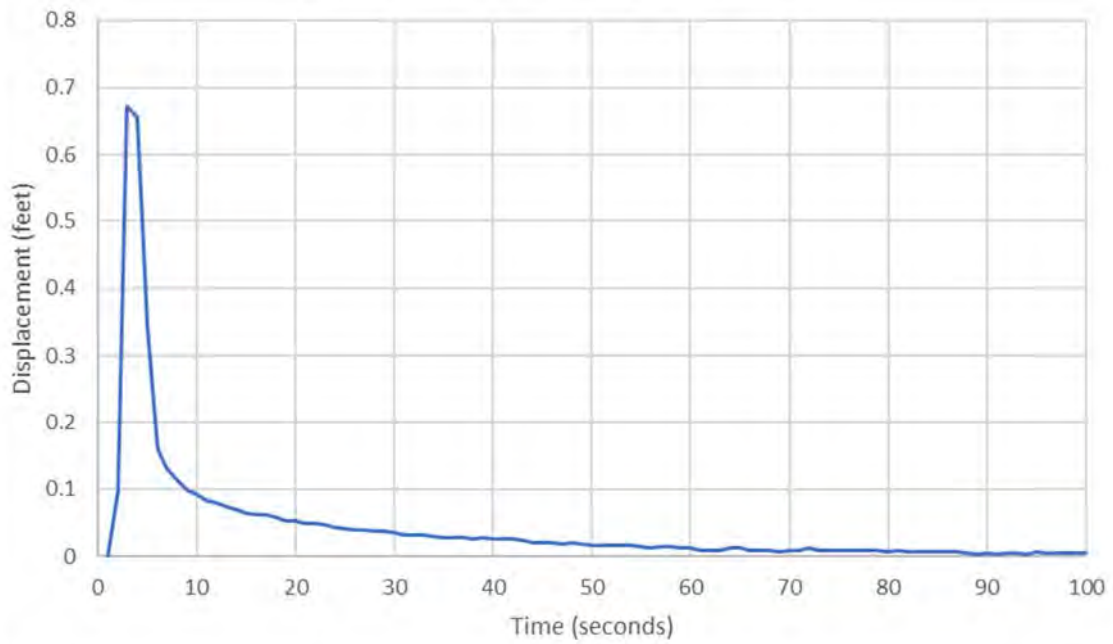
Figure 10: MW-17 Rising-Head Test 1
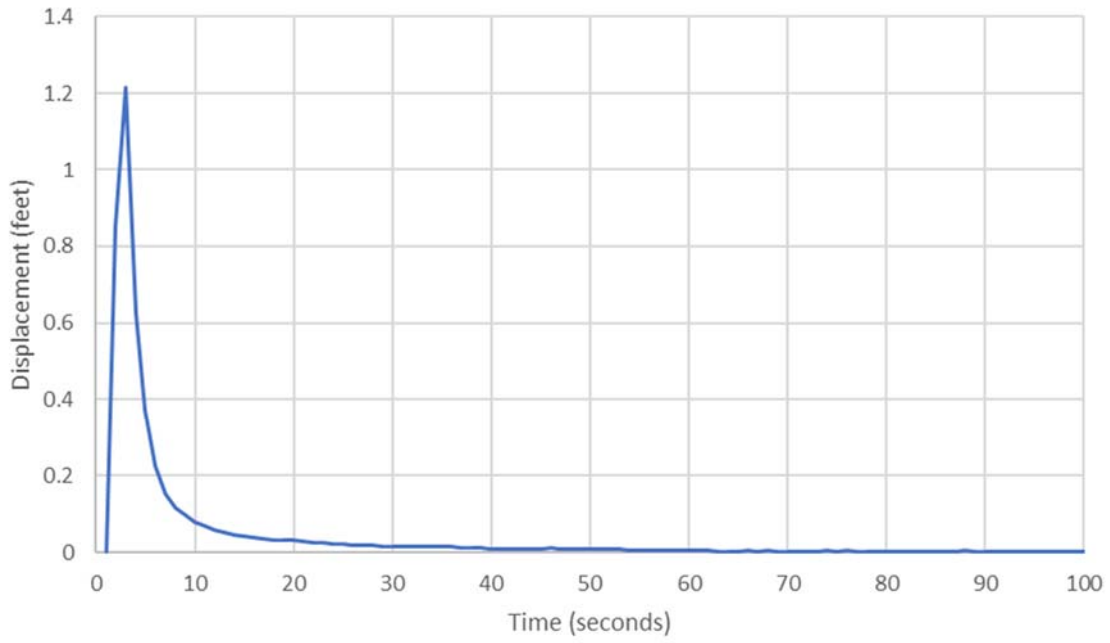
Figure 11: MW-17 Rising-Head Test 2
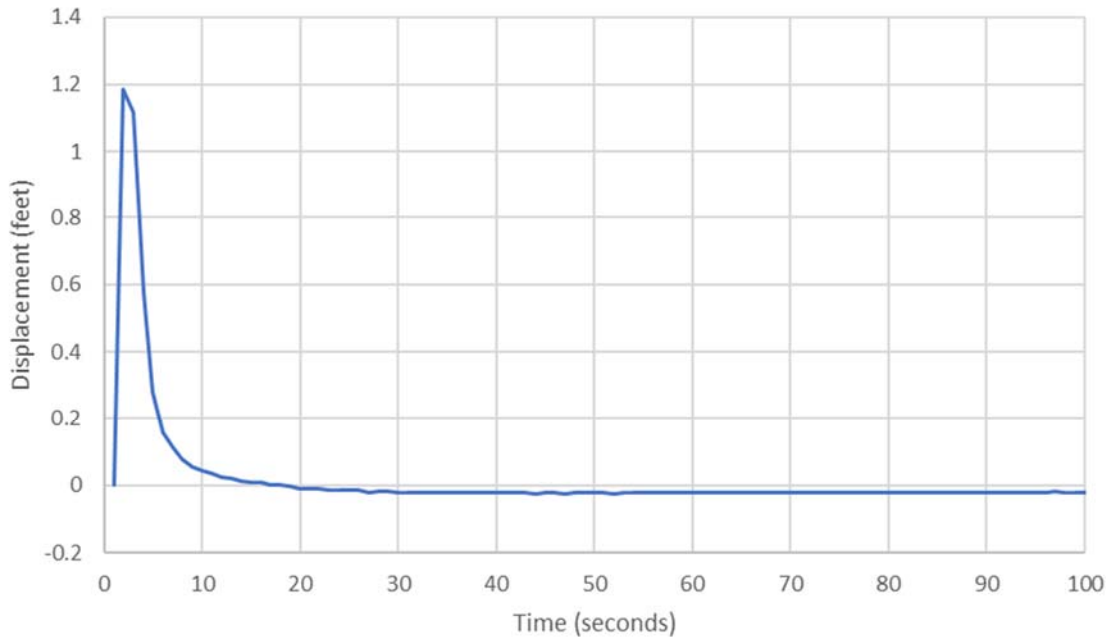
Figure 12: Well MW-19 Transducer Data
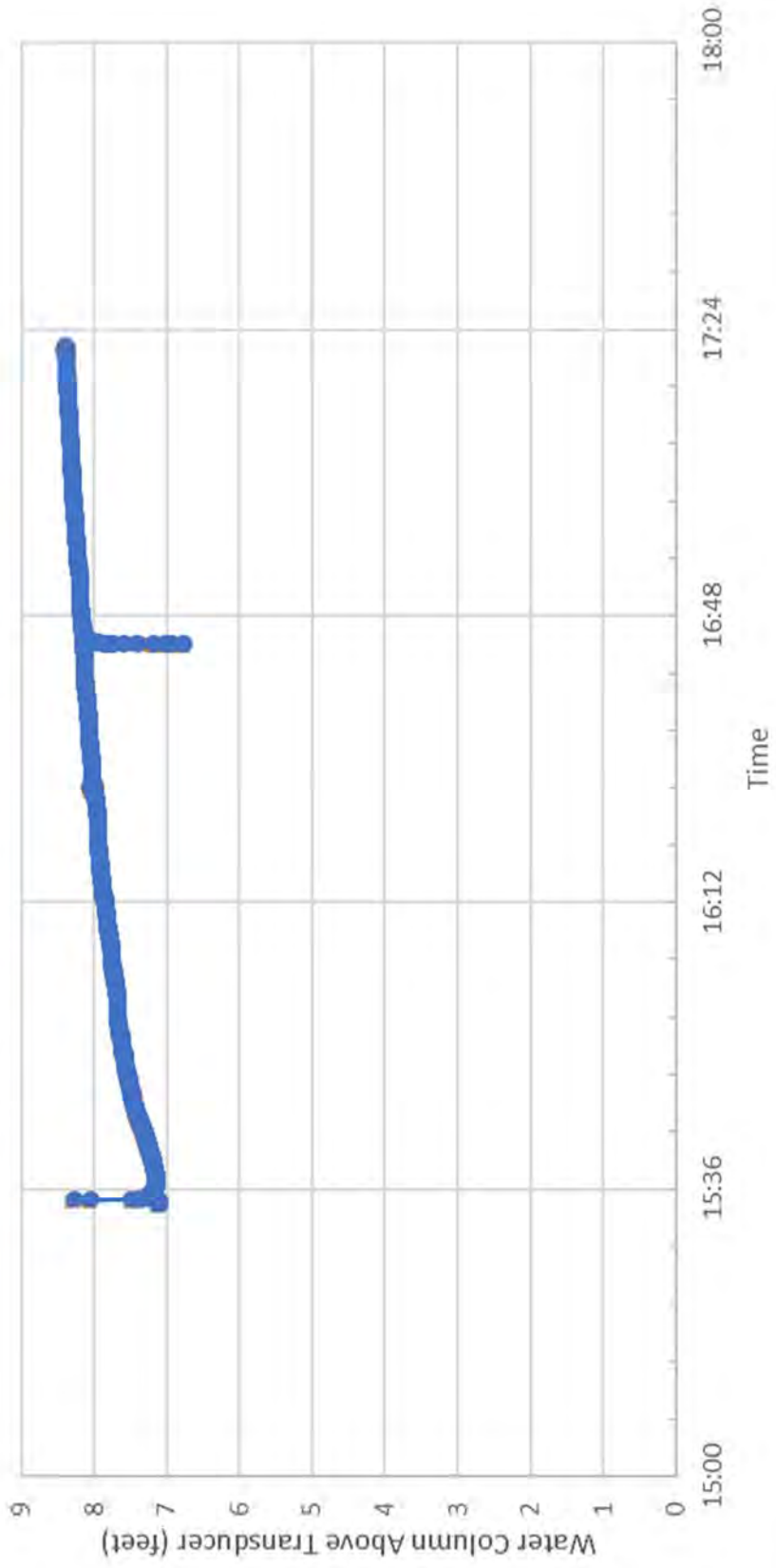
Figure 13: MW-19 Falling-Head Test 1
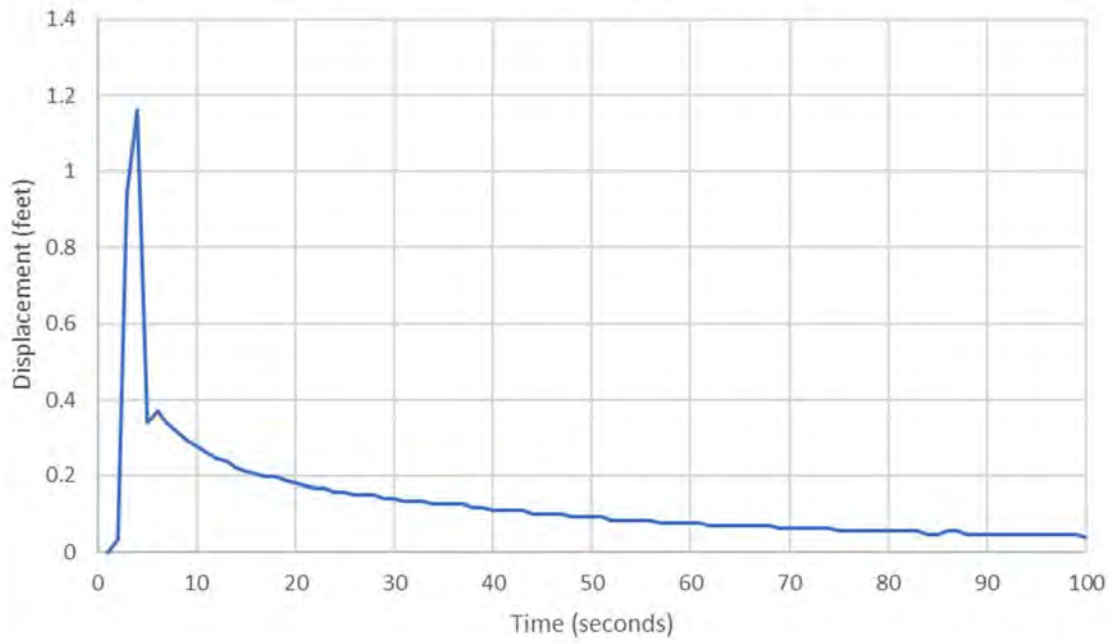
Figure 14: MW-19 Rising-Head Test 1
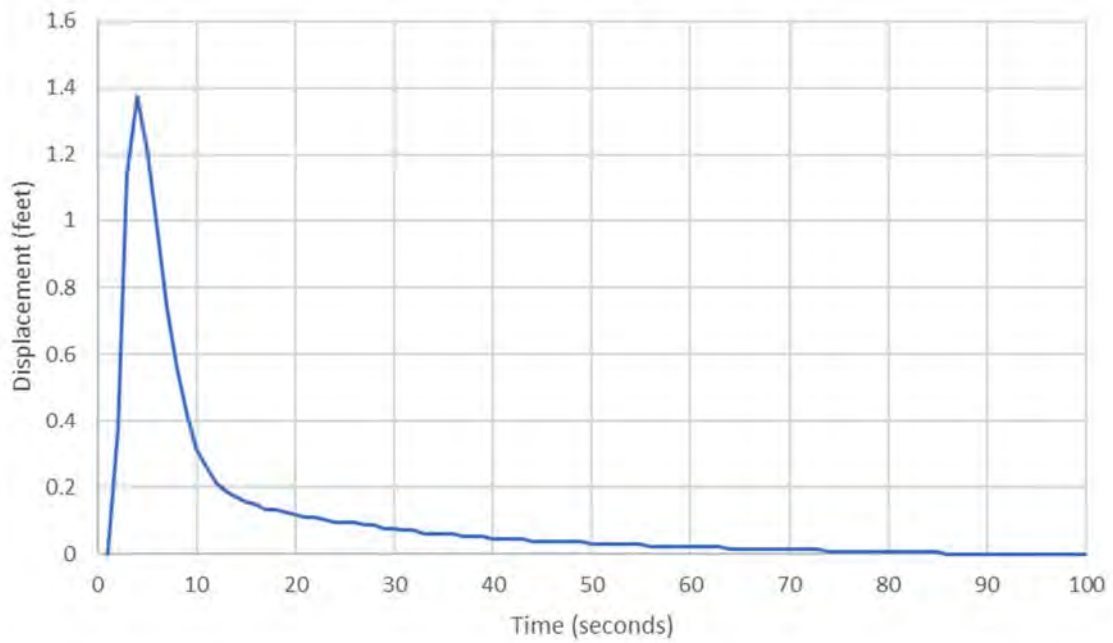
Figure 15: Monitoring Well MW-27 Transducer Data
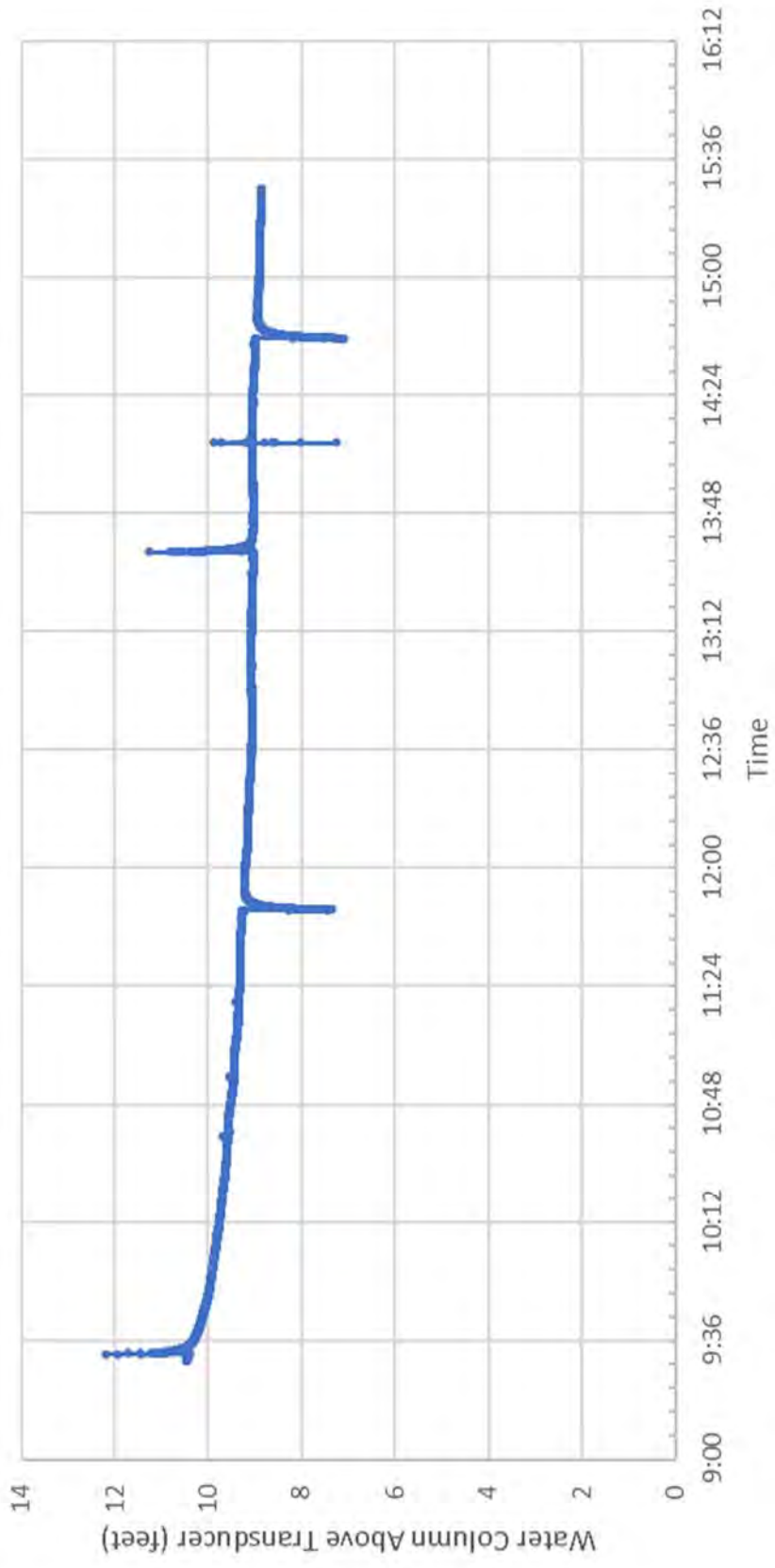
Figure 16: MW-27 Falling-Head Test 1
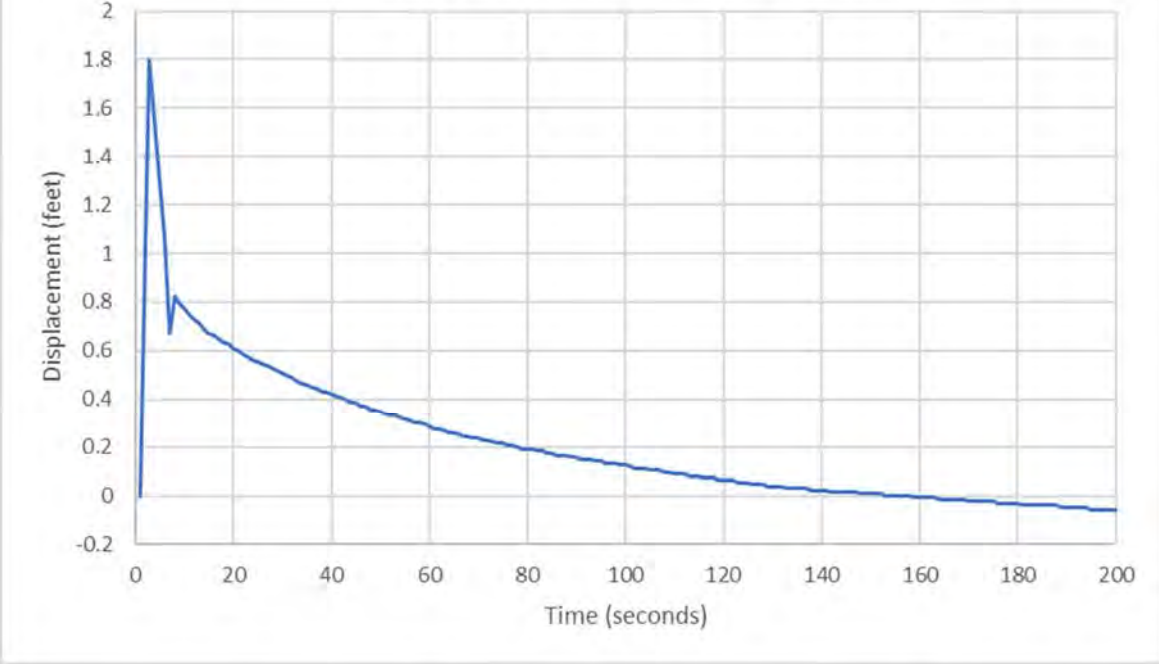
Figure 17: MW-27 Falling-Head Test 2
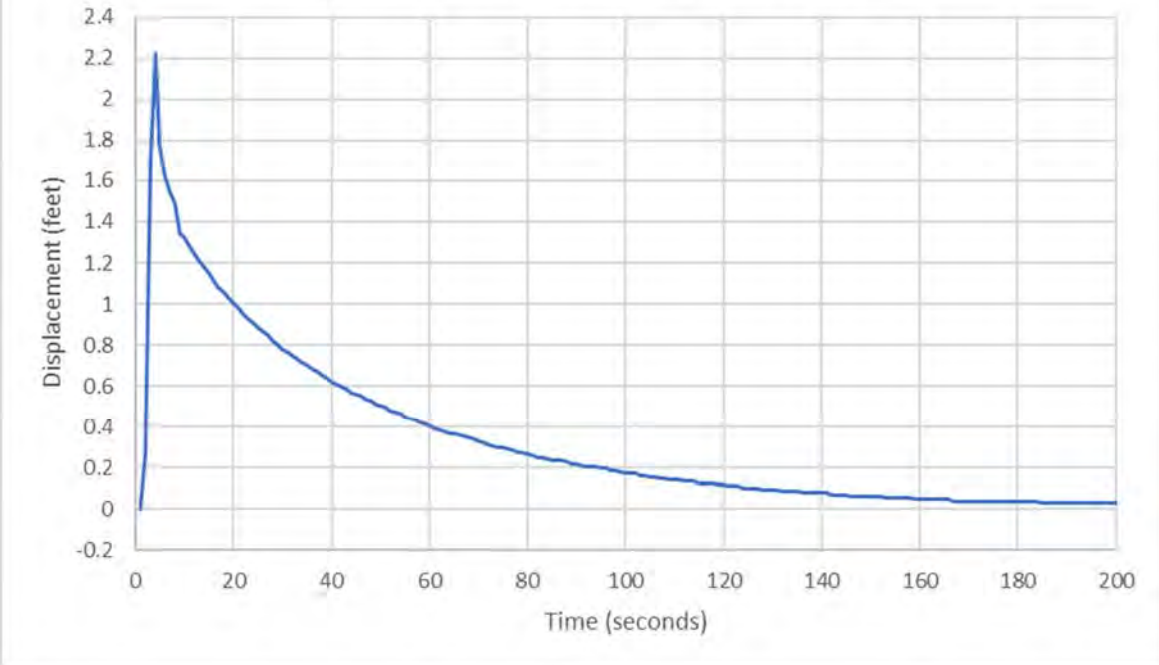
Figure 18: MW-27 Rising-Head Test 1
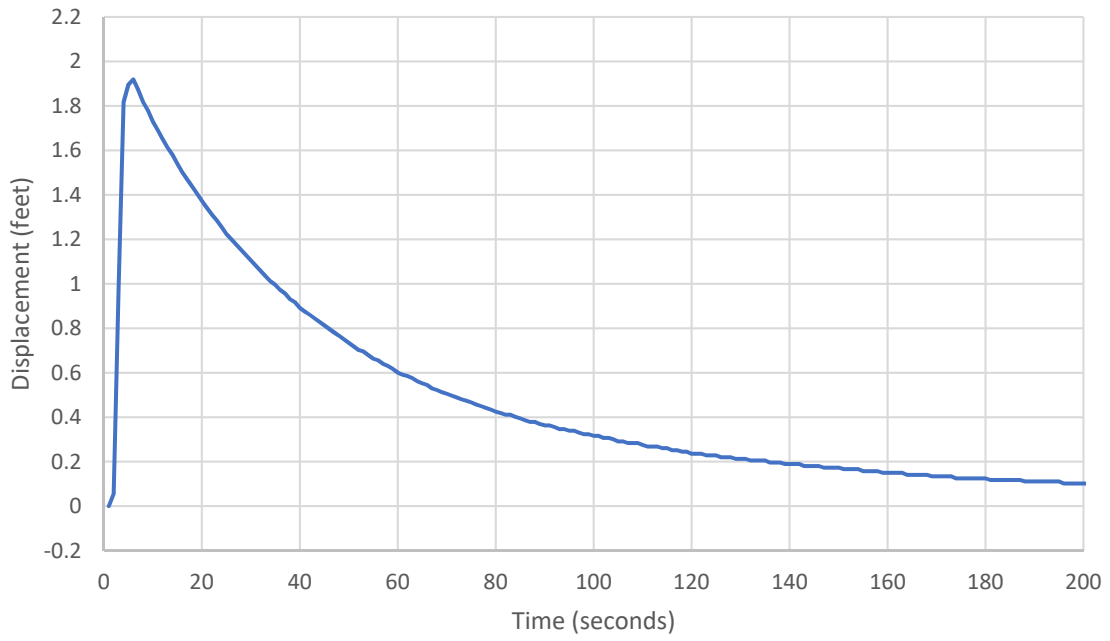
Figure 19: MW-27 Rising-Head Test 2
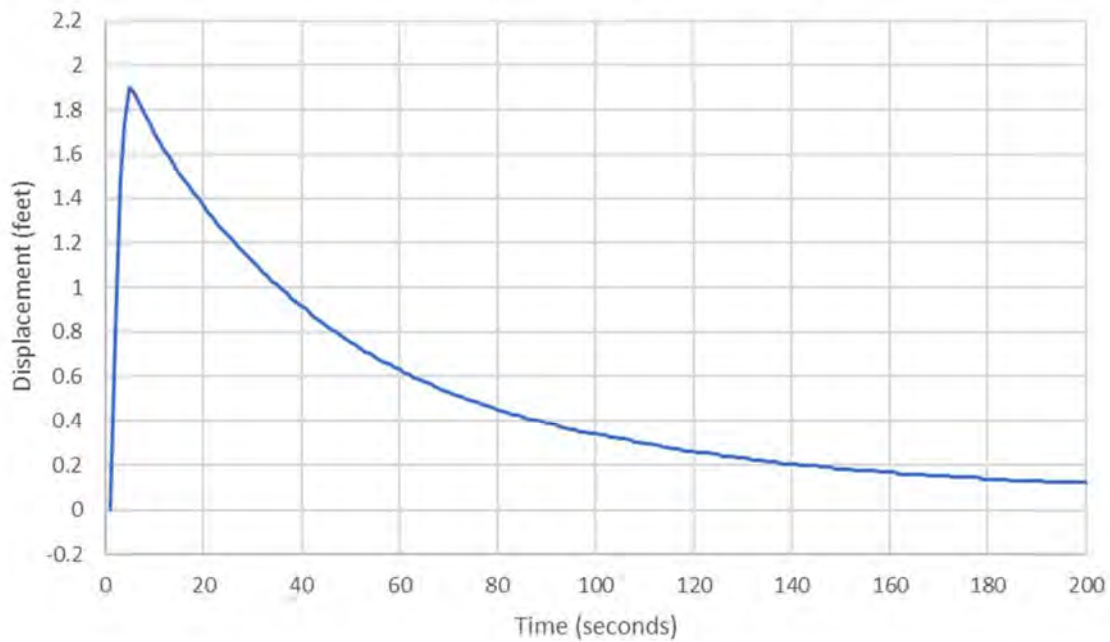
Figure 20: Monitoring Well MW-29 Transducer Data

Figure 21: MW-29 Falling-Head Test 1
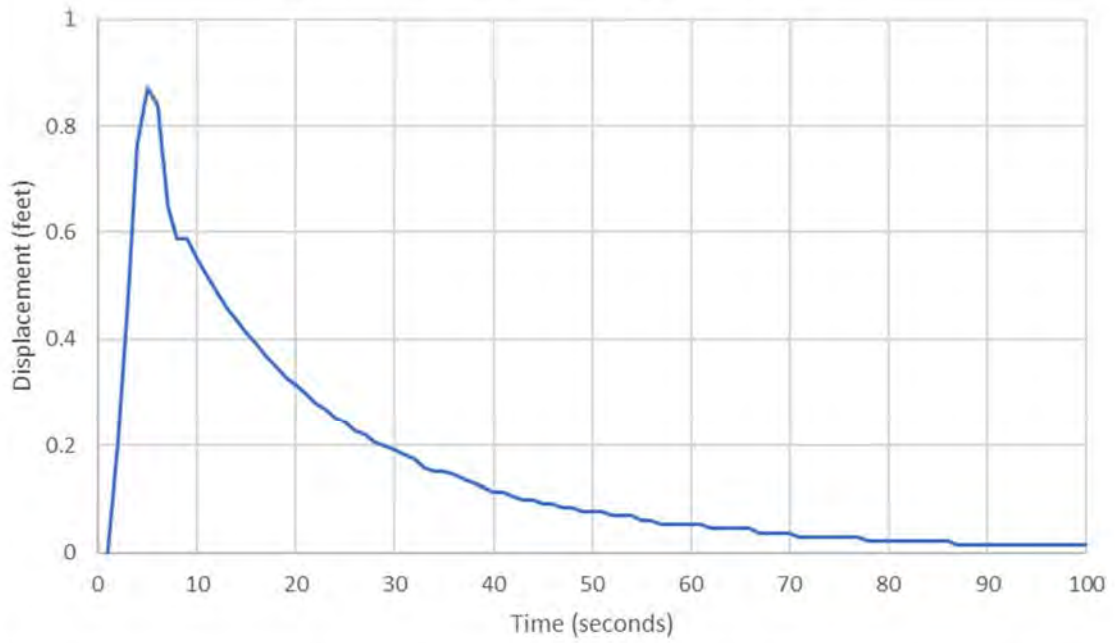
Figure 22: MW-29 Falling-Head Test 2
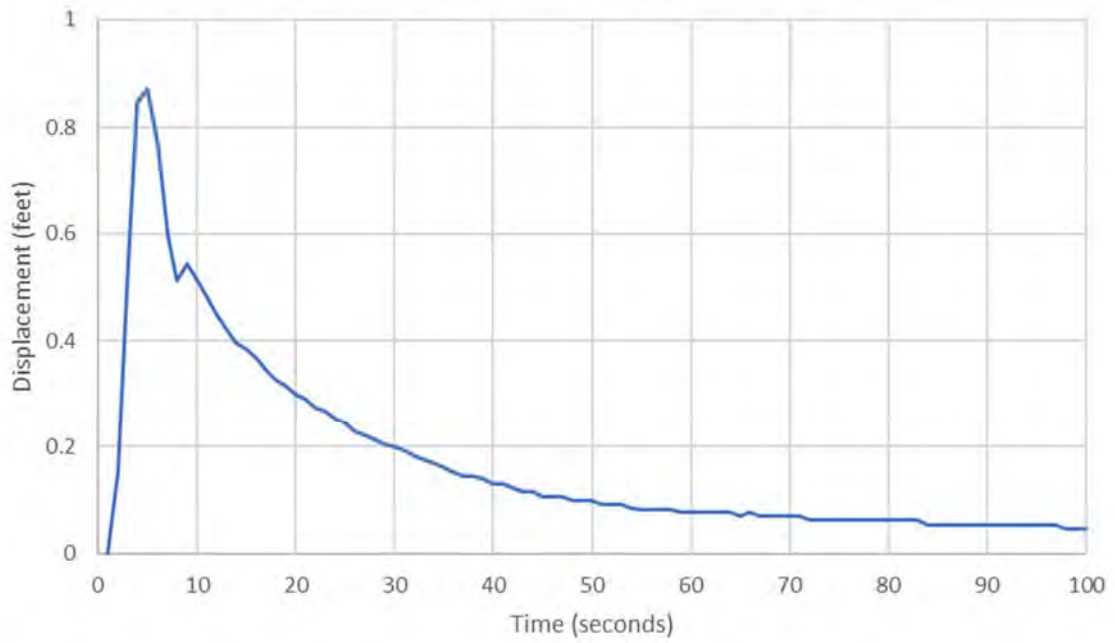
Figure 23: MW-29 Rising-Head Test 1
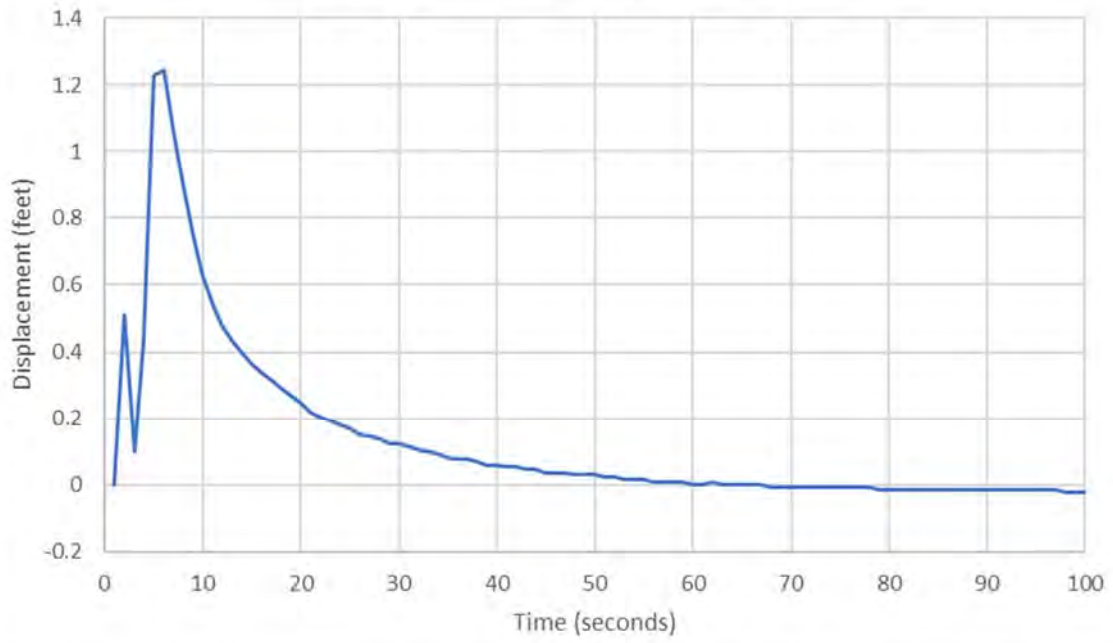
Figure 24: MW-29 Rising-Head Test 2
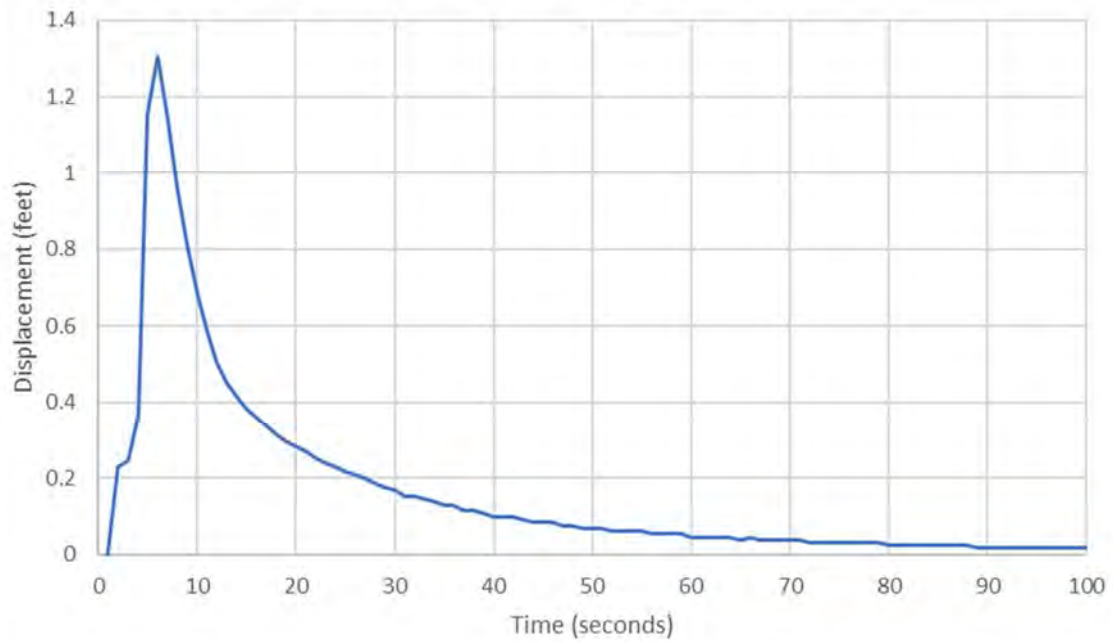
Figure 25: Monitoring Well MW-31 Transducer Data
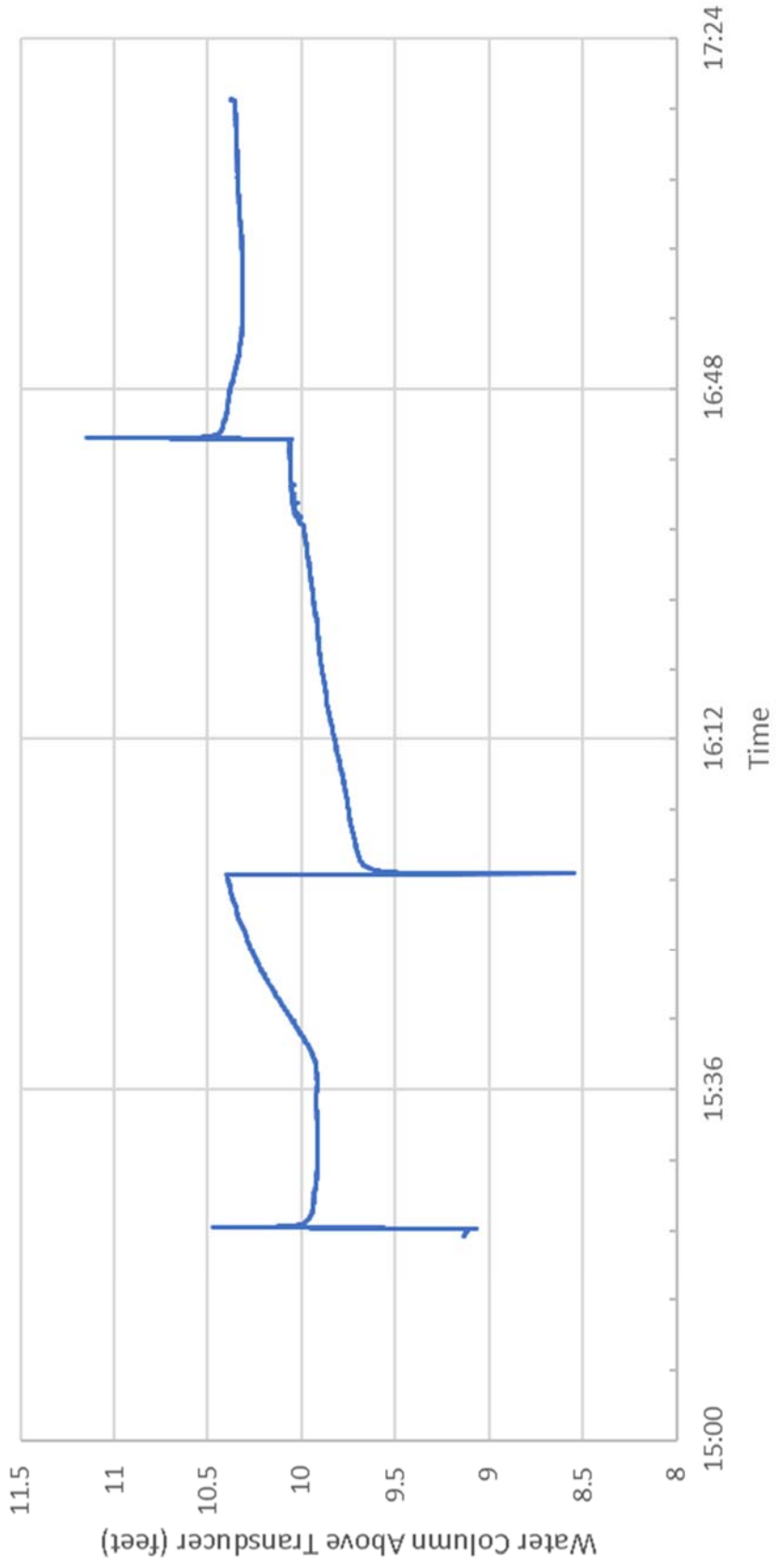
Figure 26: MW-31 Falling-Head Test 1
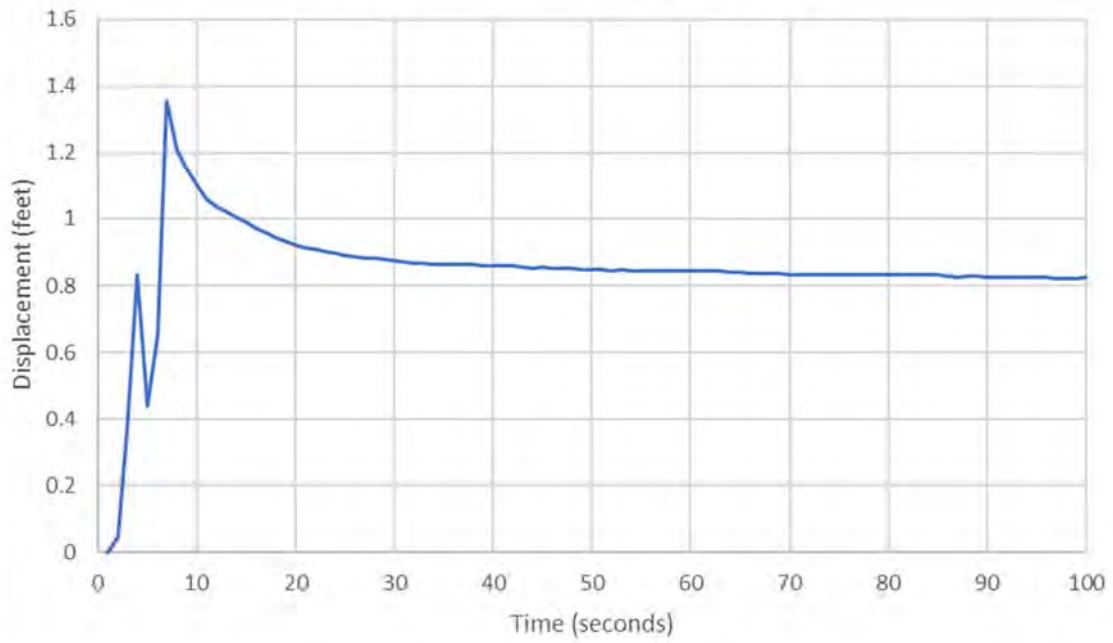
Figure 27: MW-31 Falling-Head Test 2

Figure 28: MW-31 Rising-Head Test 1

Fairview Station State Lead
Job # 3426622

Date: 5/9/19 Time On-site: 8:00 Time Off-site: 18:00 Staffed by: ADE, EMM

Weather conditions: sunny, cool

Equipment Used: interface probe, pressure transducer, slugs, laptop

Test Well: MW-10

Initial Depth to NAPL: — Time: — Final Depth to NAPL: — Time: —

Initial Depth to Water: 16.73 Time: 10:26 Final Depth to Water: 16.35 Time: 17:05

Total Depth of Well: 24.2 Diameter of Well: 2

Transducer Model: _____ Measurement Interval: 1 sec.

Slug Length: _____ Slug Volume: 0.33

Slug In Time (Cycle #1): 11:48

Slug Out Time (Cycle #1): 13:35

Slug In Time (Cycle #2): 14:42

Slug Out Time (Cycle #2): 15:55

Manual Water Level Recovery Measurements

Time	Depth to NAPL (feet)	Depth to Water (feet)	Notes
1331	0.000	17.28	
14:08		17.32	
16:33		16.58	
17:05		16.35	

Notes: _____

Fairview Station State Lead
Job # 3426622

Date: 5/9/19   Time On-site: 8:00   Time Off-site: 18:00   Staffed by: AJE, EMM

Weather conditions: cloudy, cool

Equipment Used: Interface probe, pressure transducer, slugs, laptop

Test Well: MW-17

Initial Depth to NAPL ____   Time ____   Final Depth to NAPL ____   Time ____

Initial Depth to Water 16.38   Time 9 45   Final Depth to Water 17.58   Time 14:08

Total Depth of Well 24.9   Diameter of Well 2

Transducer Model PT2x   Measurement Interval 1 sec

Slug Length 3.8'   Slug Volume 0.33

Slug In Time (Cycle #1) 9:49

Slug Out Time (Cycle #1) 11:49

Slug In Time (Cycle #2) 13:34

Slug Out Time (Cycle #2) 14:26

Manual Water Level Recovery Measurements

Time	Depth to NAPL (feet)	Depth to Water (feet)	Notes
10:09	—	16.83	
10:41	—	17.05	
10:58		17.16	
11:20		17.28	
11:45		17.35	
13:30		17.57	
14:08		17.58	
15:10			stopped transducer

Notes: _____

Fairview Station State Lead
Job # 3426622

Date: 5/9/19   Time On-site: 8:00   Time Off-site: 18:00   Staffed by: AJE, EMM

Weather conditions: Sunny, cool

Equipment Used: intersurface probe

Test Well: MW - 19

Initial Depth to NAPL ___—___   Time ___—___   Final Depth to NAPL N/a   Time 17:21

Initial Depth to Water 17.72   Time 3:26   Final Depth to Water 16.45   Time 17:21

Total Depth of Well 25.6   Diameter of Well 2

Transducer Model PTax   Measurement Interval 1 sec.

Slug Length 3.8'   Slug Volume 0.33 gal

Slug In Time (Cycle #1) 15:34

Slug Out Time (Cycle #1) 16:45

Slug In Time (Cycle #2) ___—___

Slug Out Time (Cycle #2) ___—___

Manual Water Level Recovery Measurements

Time	Depth to NAPL (feet)	Depth to Water (feet)	Notes
16:26		16.86	
17:21		16.45	

Notes: _____

Fairview Station State Lead
Job # 3426622

Date: 5/9/19   Time On-site: 8:00   Time Off-site: 18:00   Staffed by: AJE, EMM

Weather conditions: Breezy, cloudy, cold

Equipment Used: Interface probe, pressure transducers, slugs, laptop

Test Well: MW-27

Initial Depth to NAPL ___   Time ___   Final Depth to NAPL ___   Time ___

Initial Depth to Water 15.07   Time 8:53   Final Depth to Water 14.88   Time 16.94

Total Depth of Well 25.9   Diameter of Well 2

Transducer Model PT2X   Measurement Interval 1 sec.

Slug Length 3.8'   Slug Volume 0.33 gal

Slug In Time (Cycle #1) 9:32

Slug Out Time (Cycle #1) 11:47

Slug In Time (Cycle #2) 13:36

Slug Out Time (Cycle #2) 14:41

Manual Water Level Recovery Measurements

Time	Depth to NAPL (feet)	Depth to Water (feet)	Notes
10:08	—	16.19	
10:39	—	16.43	
10:57	—	16.55	
11:19	—	16.66	
11:44	—	16.71	
13:30		16.94	
14:08	—	16.94	

Notes: _____

Fairview Station State Lead
Job # 3426622

Date: 5/9/19   Time On-site: 8:00   Time Off-site: 18:00   Staffed by: AJE, Emm

Weather conditions: sunny, cool

Equipment Used: interface probe, pressure transducer, slugs, laptop

Test Well: MW-29

Initial Depth to NAPL 15.30   Time 9:56   Final Depth to NAPL 15.15   Time 17:11

Initial Depth to Water 17.01   Time 9:56   Final Depth to Water 16.58   Time 17:1(

Total Depth of Well 26.5   Diameter of Well 4

Transducer Model PT2X   Measurement Interval 1 sec.

Slug Length 5.2'   Slug Volume 1.2 gal

Slug In Time (Cycle #1) 10:06

Slug Out Time (Cycle #1) 10.54

Slug In Time (Cycle #2) 13:33

Slug Out Time (Cycle #2) 15:20

Manual Water Level Recovery Measurements

Time	Depth to NAPL (feet)	Depth to Water (feet)	Notes
10:50	15.76	17.37	
13:33	16.16	17.98	
14:10	16.17	17.95	
16:39	15.38	~16.85	irregular probe response
17:11	15.15	16.58	good response

Notes:

Fairview Station State Lead
Job # 3426622

Date: 5/9/19 Time On-site: 8:00 Time Off-site: 18:00 Staffed by: AJE, EMM

Weather conditions: Sunny, cool

Equipment Used: Interface probe, transducer, slug

Test Well: MW-31

Initial Depth to NAPL 15.53 Time 1526 Final Depth to NAPL 14.51 Time 17:18

Initial Depth to Water 18.77 Time _____ Final Depth to Water 17.13 Time 17:18

Total Depth of Well 26.5 Diameter of Well 4

Transducer Model PT2X Measurement Interval 1 sec.

Slug Length 5.2' Slug Volume 1.2 gal

Slug In Time (Cycle #1) 15:21

Slug Out Time (Cycle #1) 15:58

Slug In Time (Cycle #2) ~~15~~ 16:42

Slug Out Time (Cycle #2) N/a

Manual Water Level Recovery Measurements

Time	Depth to NAPL (feet)	Depth to Water (feet)	Notes
16:34	14.81	~17.4	irregular probe response
17:18	14.51	17.13	

Notes: _____

FALLING-HEAD TEST 1

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-10
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 7.47 ft

WELL DATA (MW-10)

Initial Displacement: 1.164 ft
Total Well Penetration Depth: 24. ft
Casing Radius: 0.0833 ft
Well Skin Radius: 0.33 ft

Static Water Column Height: 7.47 ft
Screen Length: 15. ft
Well Radius: 0.33 ft
Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined

K_r = 2.209 ft/day
K_z/K_r = 1.
S_s' = 0.001 ft^{-1}

Solution Method: KGS Model w/skin

S_s = 0.0001339 ft^{-1}
K_r' = 2.209 ft/day
K_z/K_r' = 1.

FALLING-HEAD TEST 2

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-10
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 7.2 ft

WELL DATA (MW-10)

Initial Displacement: 0.732 ft
Total Well Penetration Depth: 24. ft
Casing Radius: 0.0833 ft
Well Skin Radius: 0.33 ft

Static Water Column Height: 7.2 ft
Screen Length: 15. ft
Well Radius: 0.33 ft
Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined

K_r = 1.464 ft/day
K_z/K_r = 1.
S_s' = 0.001 ft^{-1}

Solution Method: KGS Model w/skin

S_s = 0.0001389 ft^{-1}
K_r' = 1.464 ft/day
K_z/K_r' = 1.

RISING-HEAD TEST 1

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-10
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 7.24 ft

WELL DATA (MW-10)

Initial Displacement: 1.217 ft   Static Water Column Height: 7.24 ft
Total Well Penetration Depth: 24. ft   Screen Length: 15. ft
Casing Radius: 0.0833 ft   Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

Kr   = 1.212 ft/day   Ss   = 0.0001381 ft^{-1}
Kz/Kr = 1.   Kr'   = 1.212 ft/day
Ss'   = 0.001 ft^{-1} Kz/Kr' = 1.

Displacement (ft) vs Time (sec)

RISING-HEAD TEST 2

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-10
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 7.57 ft

WELL DATA (MW-10)

Initial Displacement: 1.264 ft
Total Well Penetration Depth: 24. ft
Casing Radius: 0.0833 ft
Well Skin Radius: 0.33 ft

Static Water Column Height: 7.57 ft
Screen Length: 15. ft
Well Radius: 0.33 ft
Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined

Kr = 4.983 ft/day
Kz/Kr = 1.
Ss' = 0.001 ft^{-1}

Solution Method: KGS Model w/skin

Ss = 0.0001321 ft^{-1}
Kr' = 4.983 ft/day
Kz/Kr' = 1.

FAILLING-HEAD TEST 1

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-17
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 8.52 ft

WELL DATA (MW-17)

Initial Displacement: 0.492 ft
Total Well Penetration Depth: 24.9 ft
Casing Radius: 0.0833 ft
Well Skin Radius: 0.33 ft

Static Water Column Height: 8.52 ft
Screen Length: 15. ft
Well Radius: 0.33 ft
Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined

K_r = 3.328 ft/day
K_z/K_r = 1.
S_s' = 0.001 ft^{-1}

Solution Method: KGS Model w/skin

S_s = 0.0001174 ft^{-1}
K_r' = 3.328 ft/day
K_z/K_r' = 1.

FALLING-HEAD TEST 2

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-17
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 7.6 ft

WELL DATA (MW-17)

Initial Displacement: 0.672 ft   Static Water Column Height: 7.6 ft
Total Well Penetration Depth: 24.9 ft   Screen Length: 15. ft
Casing Radius: 0.0833 ft   Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

K_r = 2.85 ft/day S_s = 0.0001316 ft^{-1}
K_z/K_r = 1. K_r' = 2.85 ft/day
S_s' = 0.001 ft^{-1} K_z/K_r' = 1.

RISING-HEAD TEST 1

Data Set: F:\Slug tests\17 r1.aqt
Date: 07/31/19   Time: 18:16:57

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-17
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 7.74 ft

WELL DATA (MW-17)

Initial Displacement: 1.217 ft   Static Water Column Height: 7.74 ft
Total Well Penetration Depth: 24.9 ft   Screen Length: 15. ft
Casing Radius: 0.0833 ft   Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

Kr = 3.647 ft/day Ss = 0.0001292 ft^{-1}
Kz/Kr = 1. Kr' = 3.647 ft/day
Ss' = 0.001 ft^{-1} Kz/Kr' = 1.

RISING-HEAD R2

Data Set: F:\Slug tests\17 R2.aqt
Date: 07/31/19   Time: 18:25:28

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
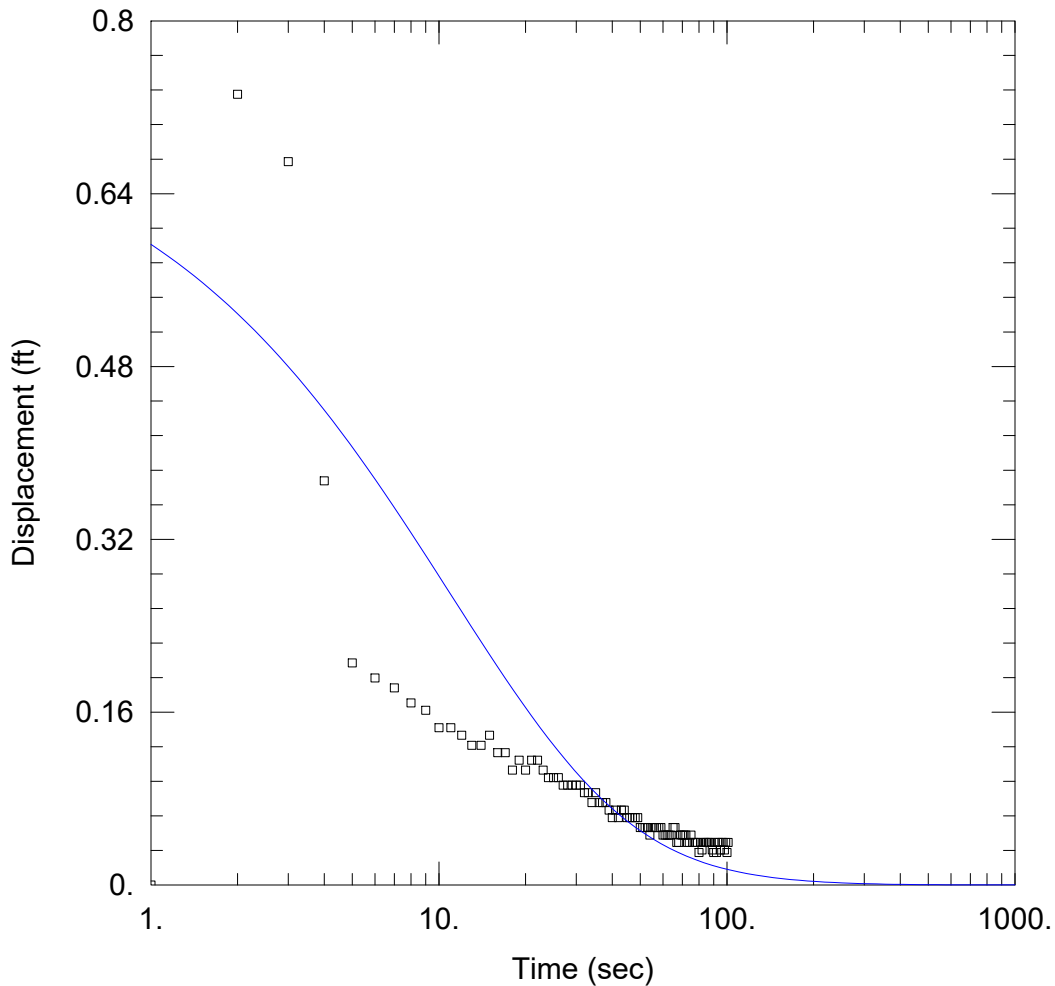Test Well: MW-17
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 7.52 ft

WELL DATA (MW-17)

Initial Displacement: 1.187 ft   Static Water Column Height: 7.52 ft
Total Well Penetration Depth: 24.9 ft   Screen Length: 15. ft
Casing Radius: 0.0833 ft   Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

K_r = 28.76 ft/day S_s = 0.000133 ft^{-1}
K_z/K_r = 1. K_r' = 28.76 ft/day
S_s' = 0.001 ft^{-1} K_z/K_r' = 1.

FALLING-HEAD TEST

Data Set: F:\Slug tests\19 f1.aqt
Date: 07/31/19   Time: 18:40:53

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-19
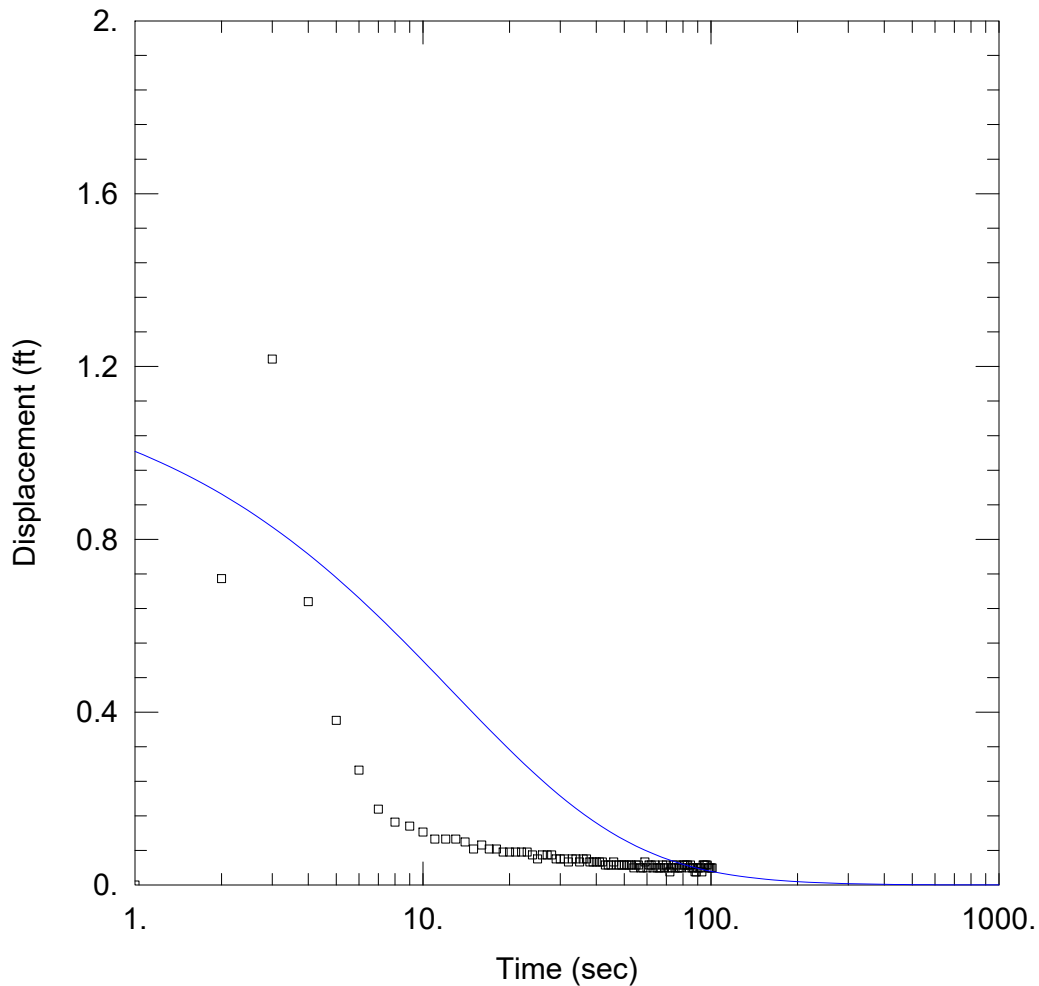Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 6.85 ft

WELL DATA (MW-19)

Initial Displacement: 1.162 ft   Static Water Column Height: 6.85 ft
Total Well Penetration Depth: 25.6 ft   Screen Length: 15. ft
Casing Radius: 0.0833 ft   Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

K_r = 1.588 ft/day S_s = 0.000146 ft^{-1}
K_z/K_r = 1. K_r' = 1.588 ft/day
S_s' = 0.001 ft^{-1} K_z/K_r' = 1.

RISING-HEAD TEST

Data Set: F:\Slug tests\19 r1.aqt
Date: 07/31/19   Time: 18:42:57

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
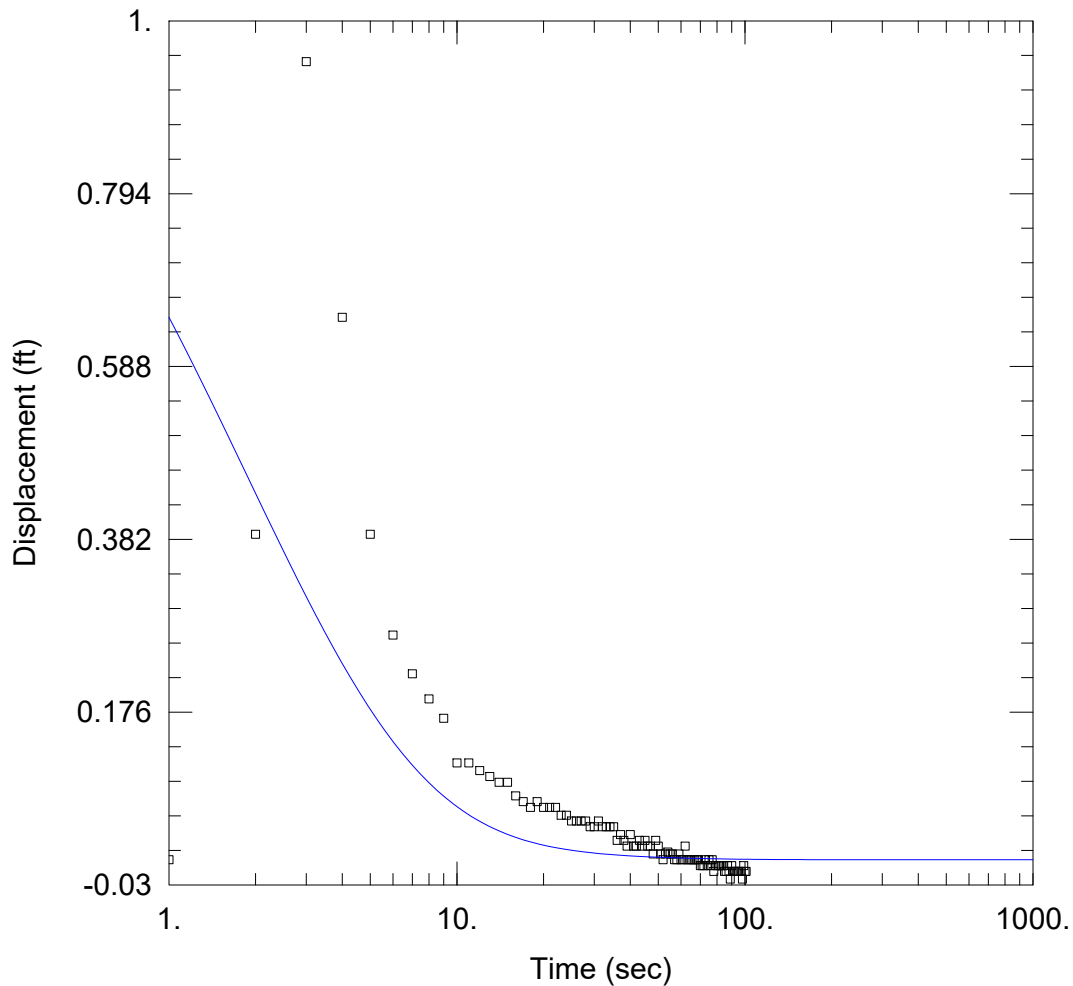Test Well: MW-19
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 7.88 ft

WELL DATA (MW-19)

Initial Displacement: 1.374 ft	Static Water Column Height: 7.88 ft
Total Well Penetration Depth: 25.6 ft	Screen Length: 15. ft
Casing Radius: 0.0833 ft	Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft	Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

Kr = 4.052 ft/day Ss = 0.0001269 ft^{-1}
Kz/Kr = 1. Kr' = 4.052 ft/day
Ss' = 0.001 ft^{-1} Kz/Kr' = 1.

FALLING-HEAD TEST 1

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-27
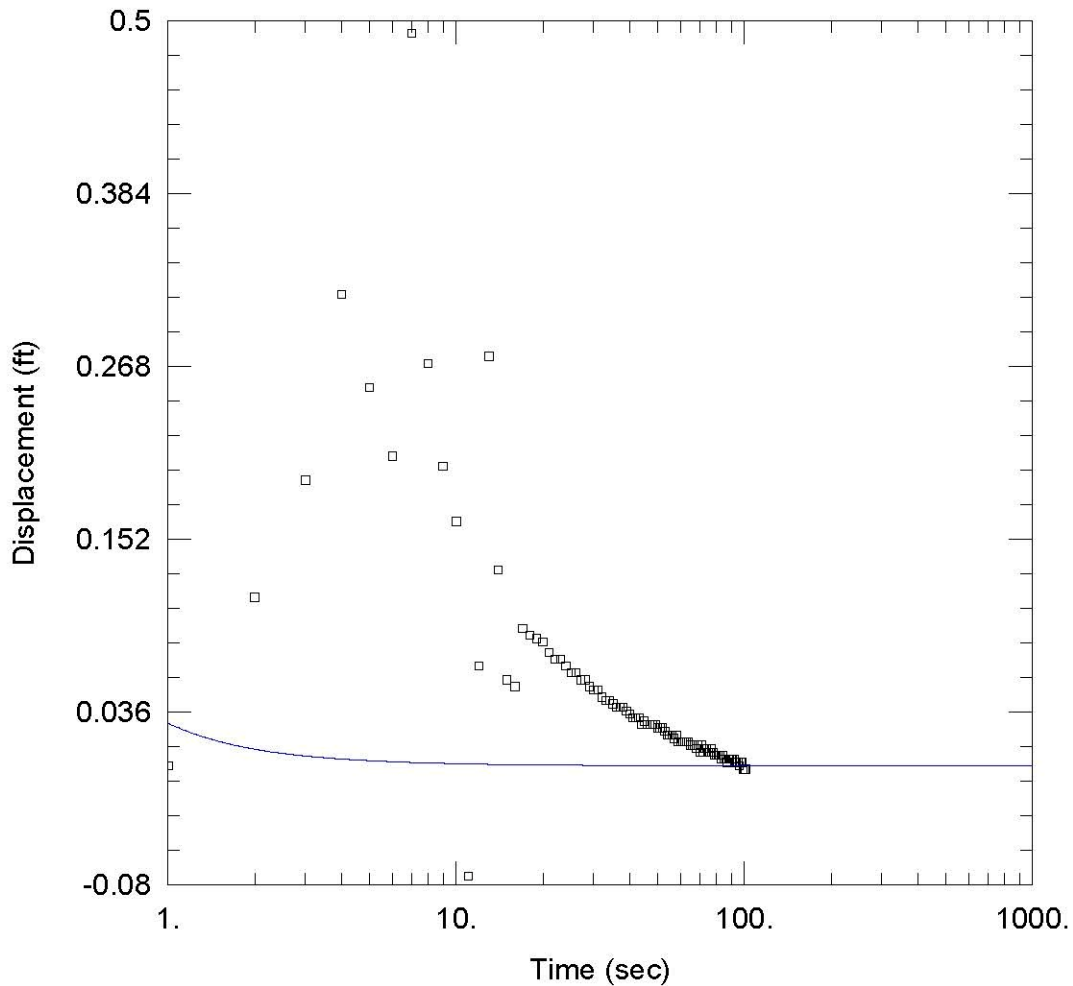Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 10.83 ft

WELL DATA (MW-27)

Initial Displacement: 1.801 ft   Static Water Column Height: 10.83 ft
Total Well Penetration Depth: 25.9 ft   Screen Length: 15. ft
Casing Radius: 0.0833 ft   Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

Kr = 2.049 ft/day Ss = 9.234E-5 ft^{-1}
Kz/Kr = 1. Kr' = 2.049 ft/day
Ss' = 0.001 ft^{-1} Kz/Kr' = 1.

FALLING-HEAD TEST 2

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-27
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 9.47 ft

WELL DATA (MW-27I)

Initial Displacement: 2.219 ft   Static Water Column Height: 9.47 ft
Total Well Penetration Depth: 25.9 ft   Screen Length: 15. ft
Casing Radius: 0.0833 ft   Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

K_r = 1.572 ft/day S_s = 0.0001056 ft^{-1}
K_z/K_r = 1. K_r' = 1.572 ft/day
S_s' = 0.001 ft^{-1} K_z/K_r' = 1.
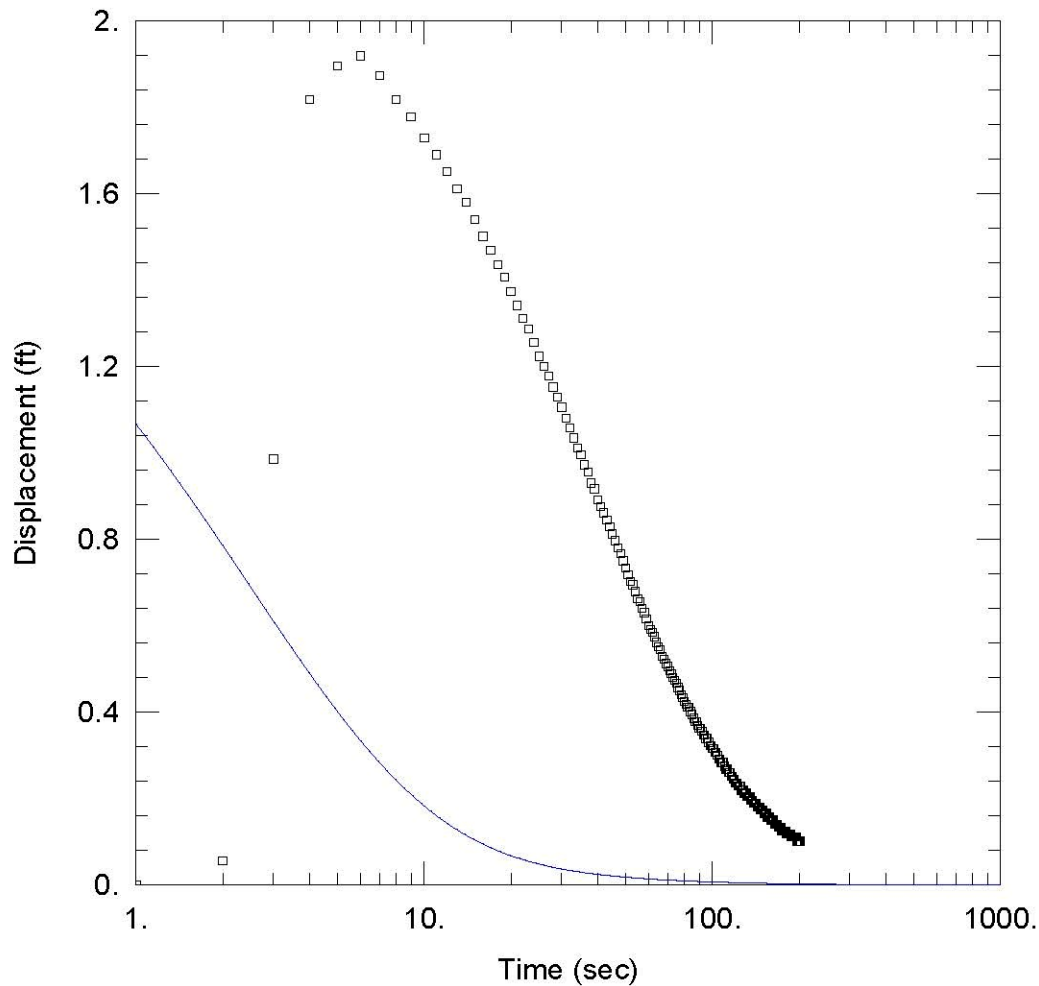
RISING-HEAD TEST 1

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
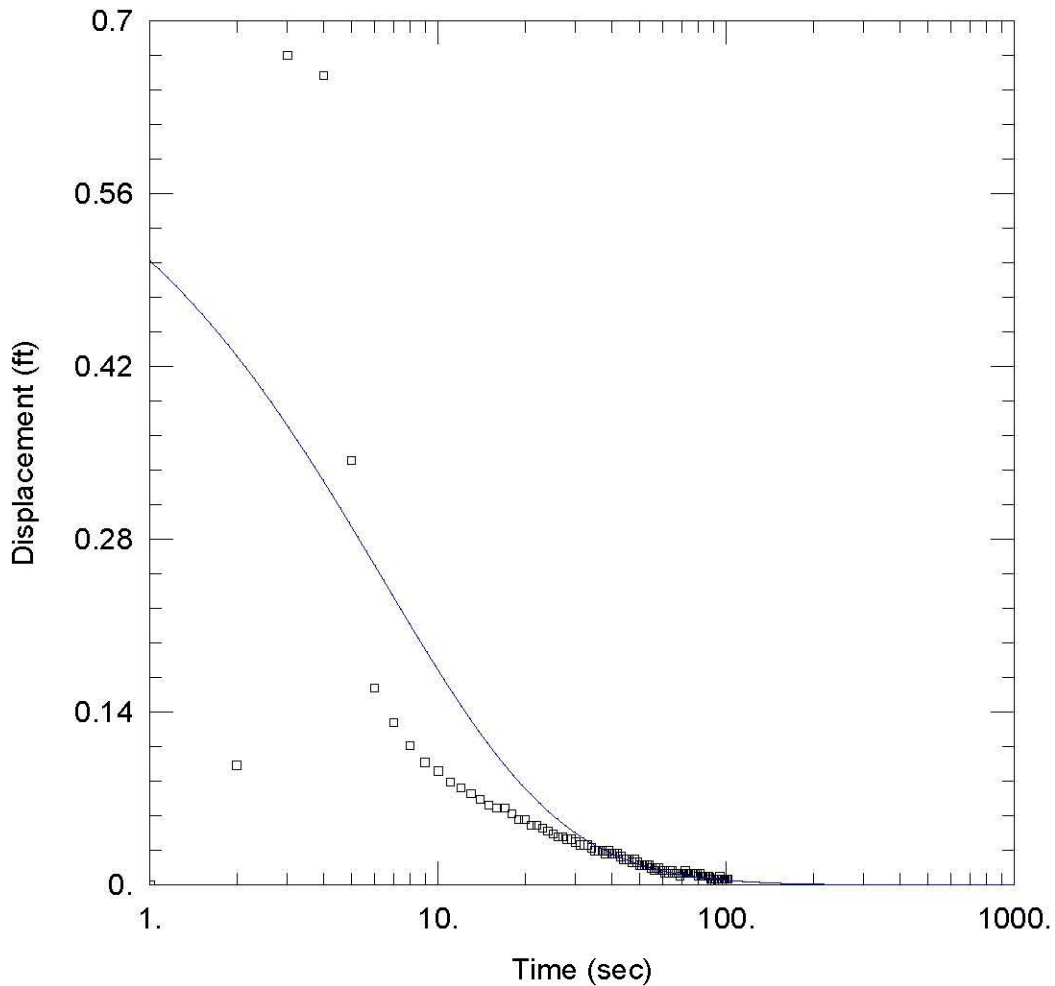Test Well: MW-27
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 9.7 ft

WELL DATA (MW-27)

Initial Displacement: 1.919 ft   Static Water Column Height: 9.7 ft
Total Well Penetration Depth: 25.9 ft   Screen Length: 15. ft
Casing Radius: 0.0833 ft   Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

Kr = 1.085 ft/day Ss = 0.0001031 ft^{-1}
Kz/Kr = 1. Kr' = 1.085 ft/day
Ss' = 0.001 ft^{-1} Kz/Kr' = 1.
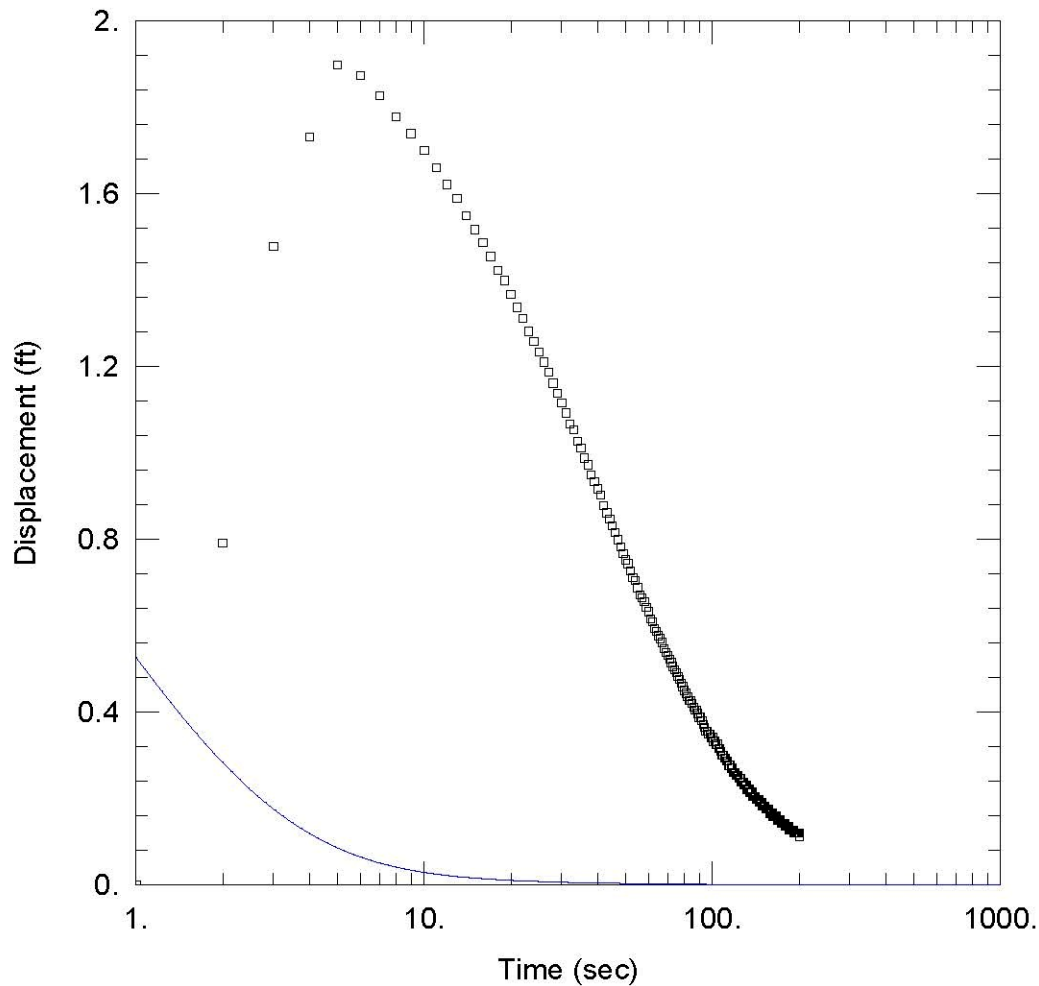
RISING-HEAD TEST 2

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-27
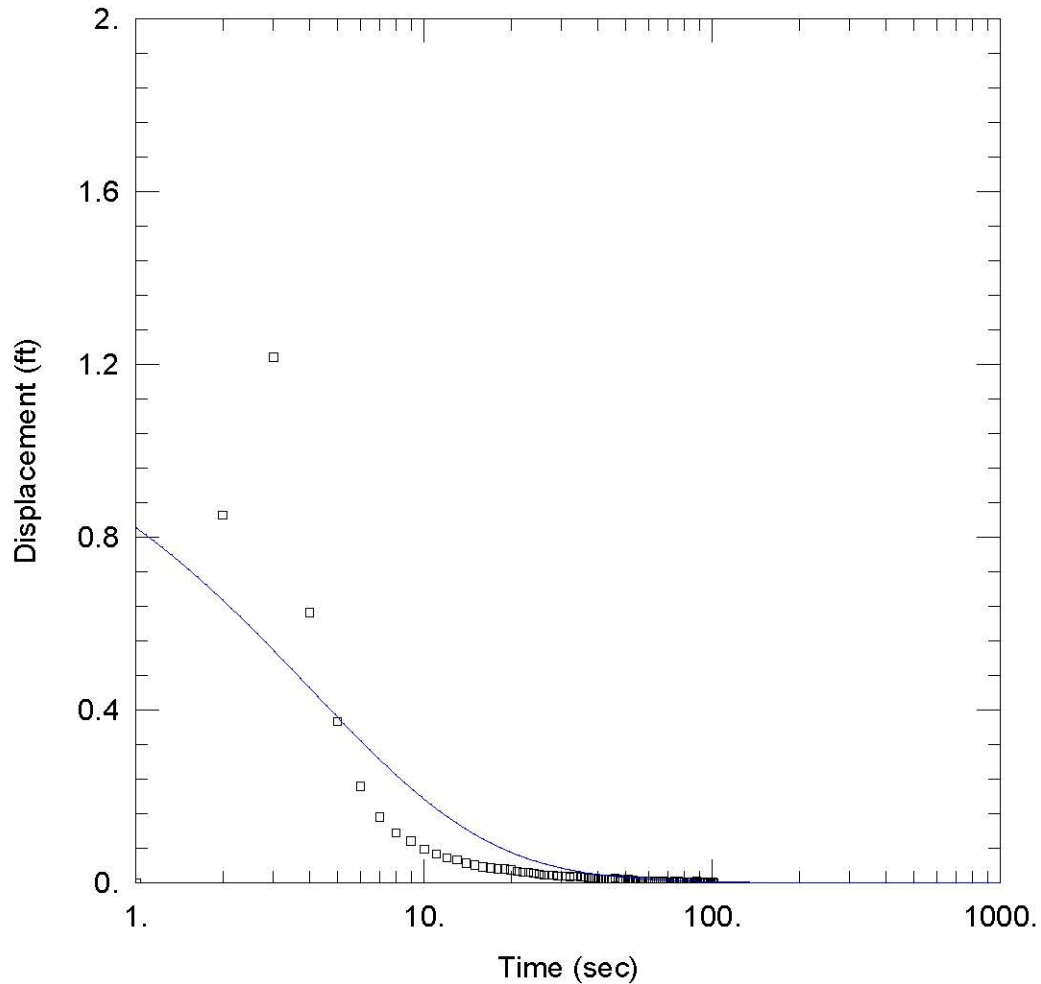Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 9.42 ft

WELL DATA (MW-27)

Initial Displacement: 1.898 ft   Static Water Column Height: 9.42 ft
Total Well Penetration Depth: 25.9 ft   Screen Length: 15. ft
Casing Radius: 0.0833 ft   Well Radius: 0.33 ft
Well Skin Radius: 0.33 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

K_r = 1.069 ft/day S_s = 0.0001062 ft^{-1}
K_z/K_r = 1. K_r' = 1.069 ft/day
S_s' = 0.001 ft^{-1} K_z/K_r' = 1.
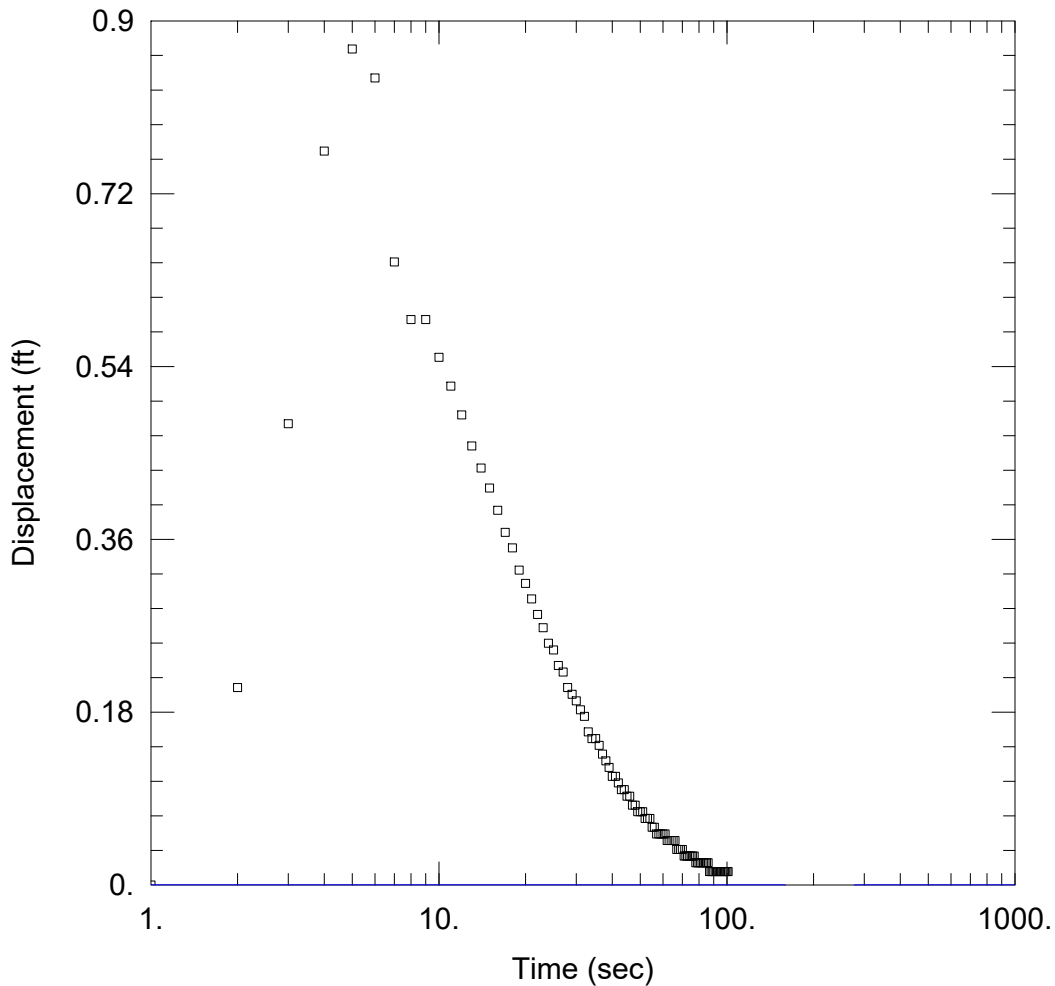
Displacement (ft) vs **Time (sec)**

Y-axis: 0.9, 0.72, 0.54, 0.36, 0.18, 0.
X-axis: 1., 10., 100., 1000.

FALLING-HEAD TEST 1

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-29
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 9.49 ft

WELL DATA (MW-29)

Initial Displacement: 0.871 ft
Total Well Penetration Depth: 26.5 ft
Casing Radius: 0.167 ft
Well Skin Radius: 0.5 ft

Static Water Column Height: 9.49 ft
Screen Length: 15. ft
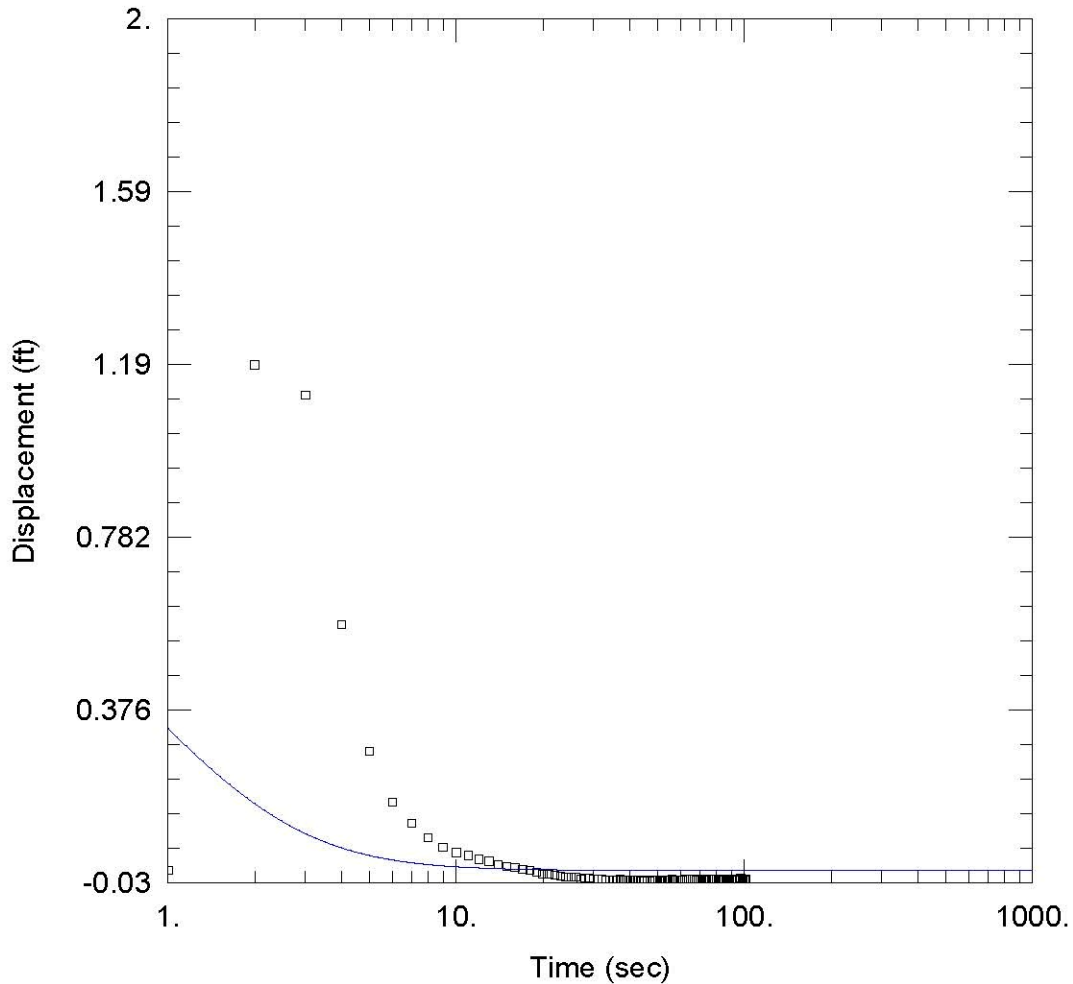Well Radius: 0.5 ft
Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined

K_r = 11.49 ft/day
K_z/K_r = 1.
S_s' = 0.001 ft^{-1}

Solution Method: KGS Model w/skin

S_s = 0.0001054 ft^{-1}
K_r' = 11.49 ft/day
K_z/K_r' = 1.

FALLING-HEAD TEST 2

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-29
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 9.32 ft

WELL DATA (MW-29)

Initial Displacement: 0.871 ft   Static Water Column Height: 9.32 ft
Total Well Penetration Depth: 26.5 ft   Screen Length: 15. ft
Casing Radius: 0.167 ft   Well Radius: 0.5 ft
Well Skin Radius: 0.5 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

Kr = 7.162 ft/day Ss = 0.0001073 ft^{-1}
Kz/Kr = 1. Kr' = 7.162 ft/day
Ss' = 0.001 ft^{-1} Kz/Kr' = 1.
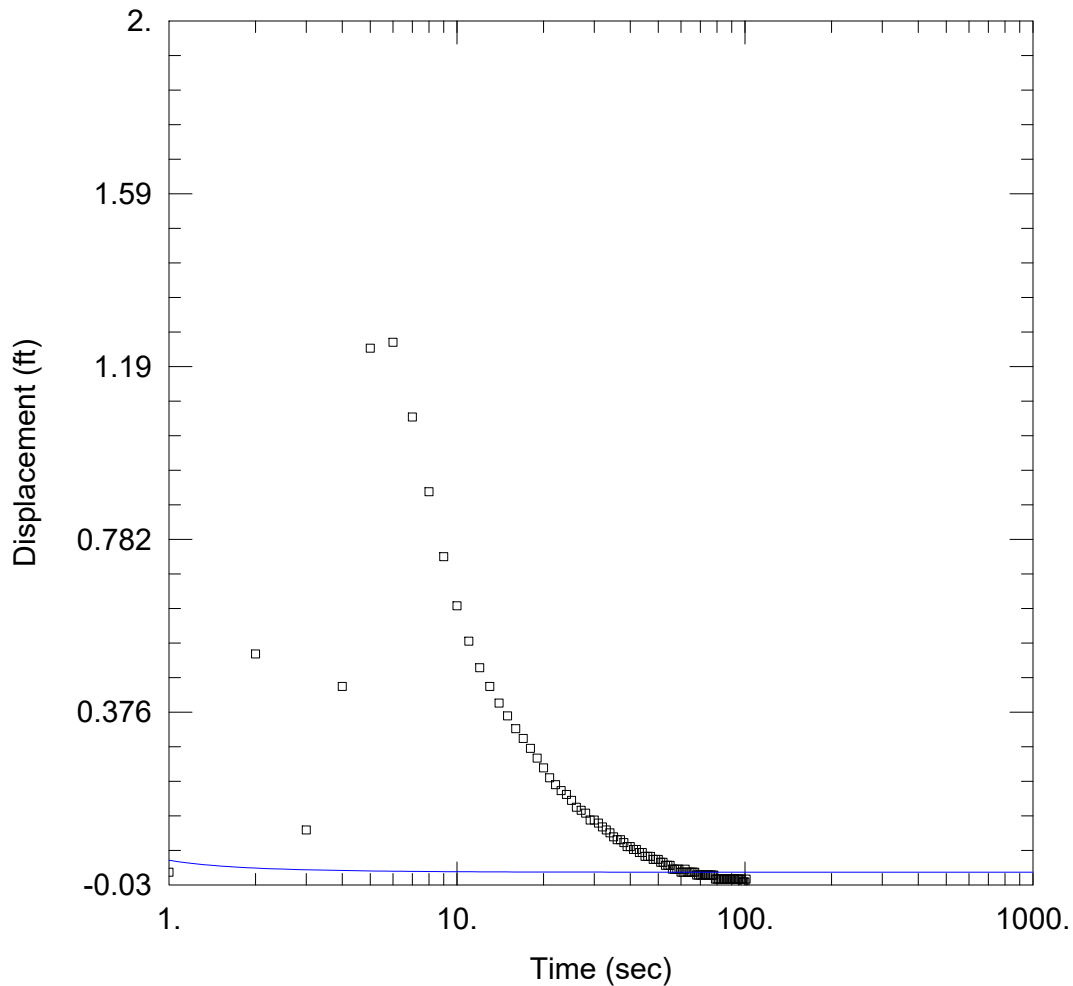
RISING-HEAD TEST 1

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-29
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 9.7 ft

WELL DATA (MW-29)

Initial Displacement: 1.244 ft   Static Water Column Height: 9.7 ft
Total Well Penetration Depth: 26.5 ft   Screen Length: 15. ft
Casing Radius: 0.167 ft   Well Radius: 0.5 ft
Well Skin Radius: 0.5 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

Kr   = 21.42 ft/day   Ss   = 0.0001031 ft^{-1}
Kz/Kr = 1.   Kr'   = 21.42 ft/day
Ss'   = 0.001 ft^{-1} Kz/Kr' = 1.
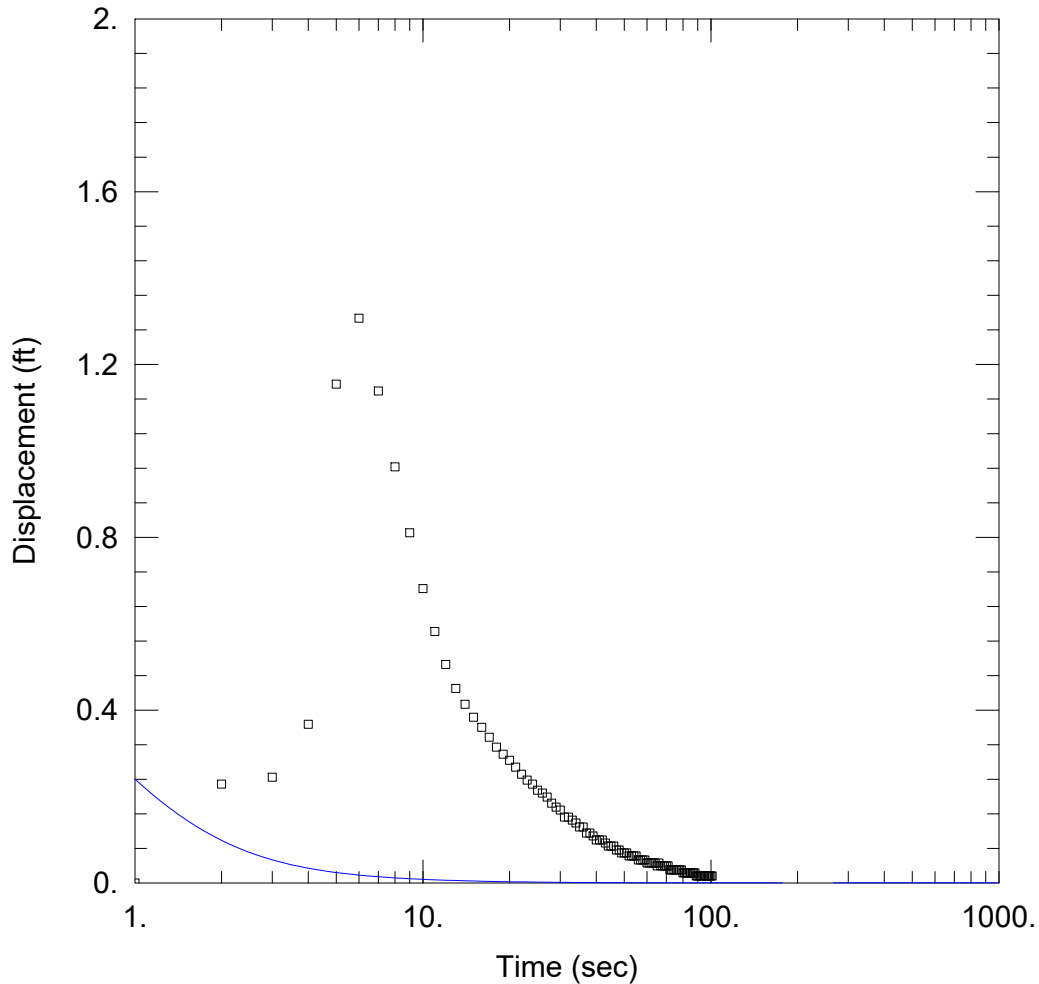
FALLING-HEAD TEST 2

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-29
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 9.19 ft

WELL DATA (MW-29)

Initial Displacement: 1.307 ft

Total Well Penetration Depth: 26.5 ft

Casing Radius: 0.167 ft

Well Skin Radius: 0.5 ft

Static Water Column Height: 9.19 ft

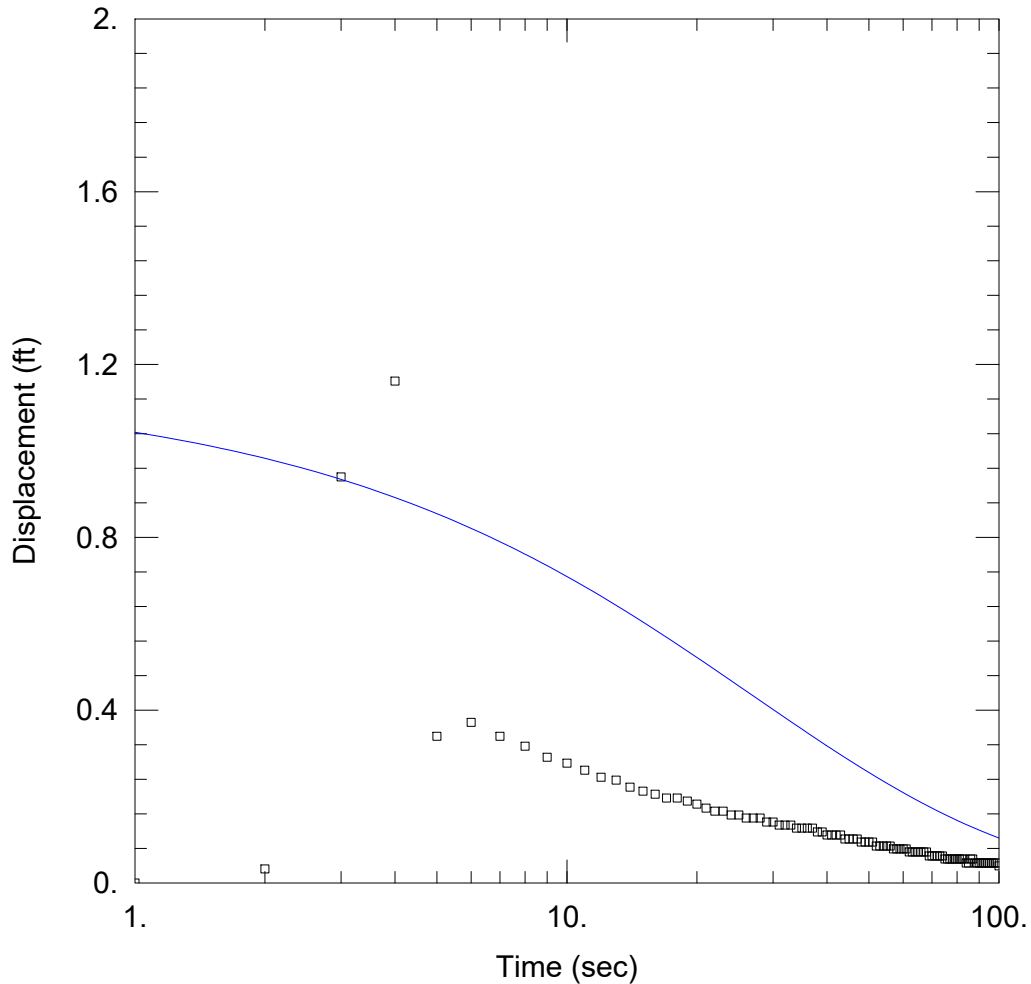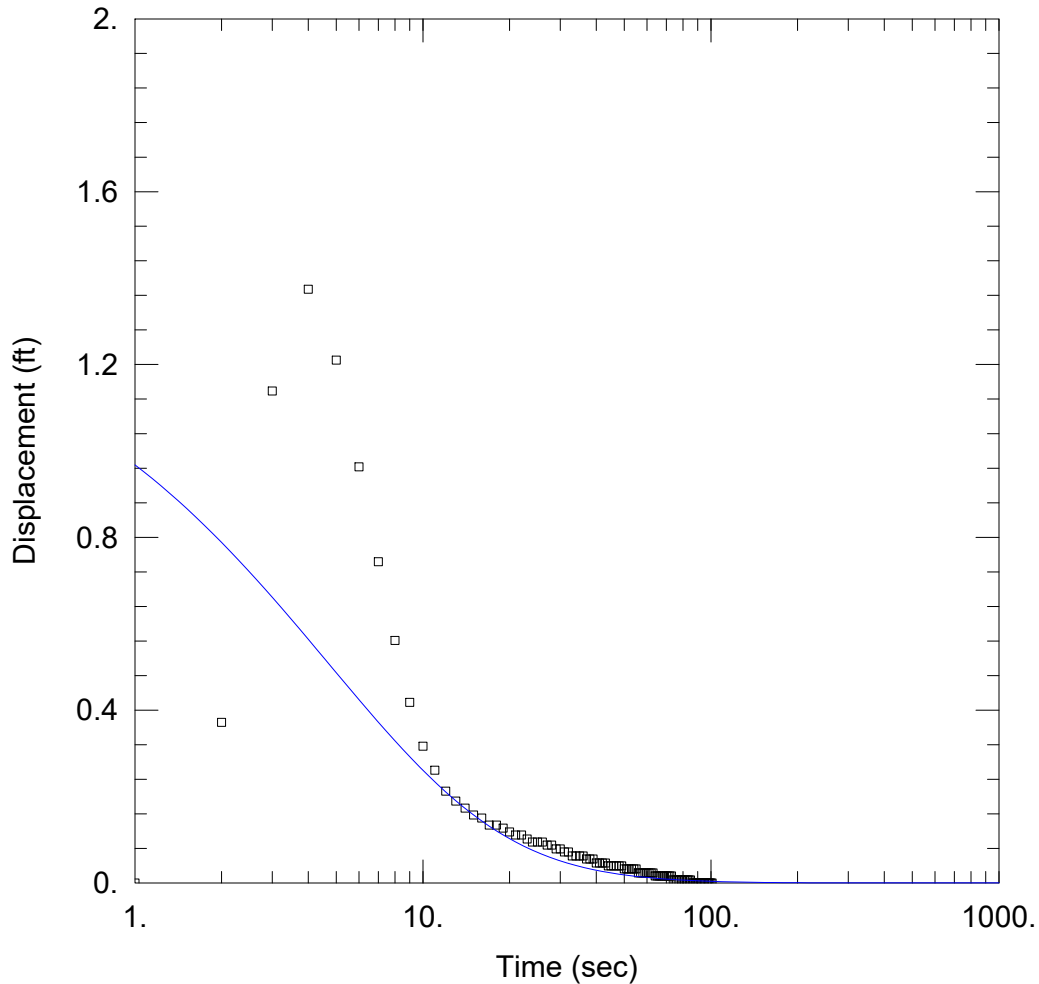Screen Length: 15. ft

Well Radius: 0.5 ft

Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined

K_r = 10.92 ft/day

K_z/K_r = 1.

S_s' = 0.001 ft^{-1}

Solution Method: KGS Model w/skin

S_s = 0.0001088 ft^{-1}

K_r' = 10.92 ft/day

K_z/K_r' = 1.

FALLING-HEAD TEST 1

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-31
Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 10.97 ft

WELL DATA (MW-31)

Initial Displacement: 0.833 ft   Static Water Column Height: 10.97 ft
Total Well Penetration Depth: 26.5 ft   Screen Length: 15. ft
Casing Radius: 0.167 ft   Well Radius: 0.5 ft
Well Skin Radius: 0.5 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

Kr   = 7876. ft/day   Ss   = 9.116E-5 ft^{-1}
Kz/Kr = 1.   Kr'   = 7876. ft/day
Ss'   = 0.001 ft^{-1} Kz/Kr' = 1.
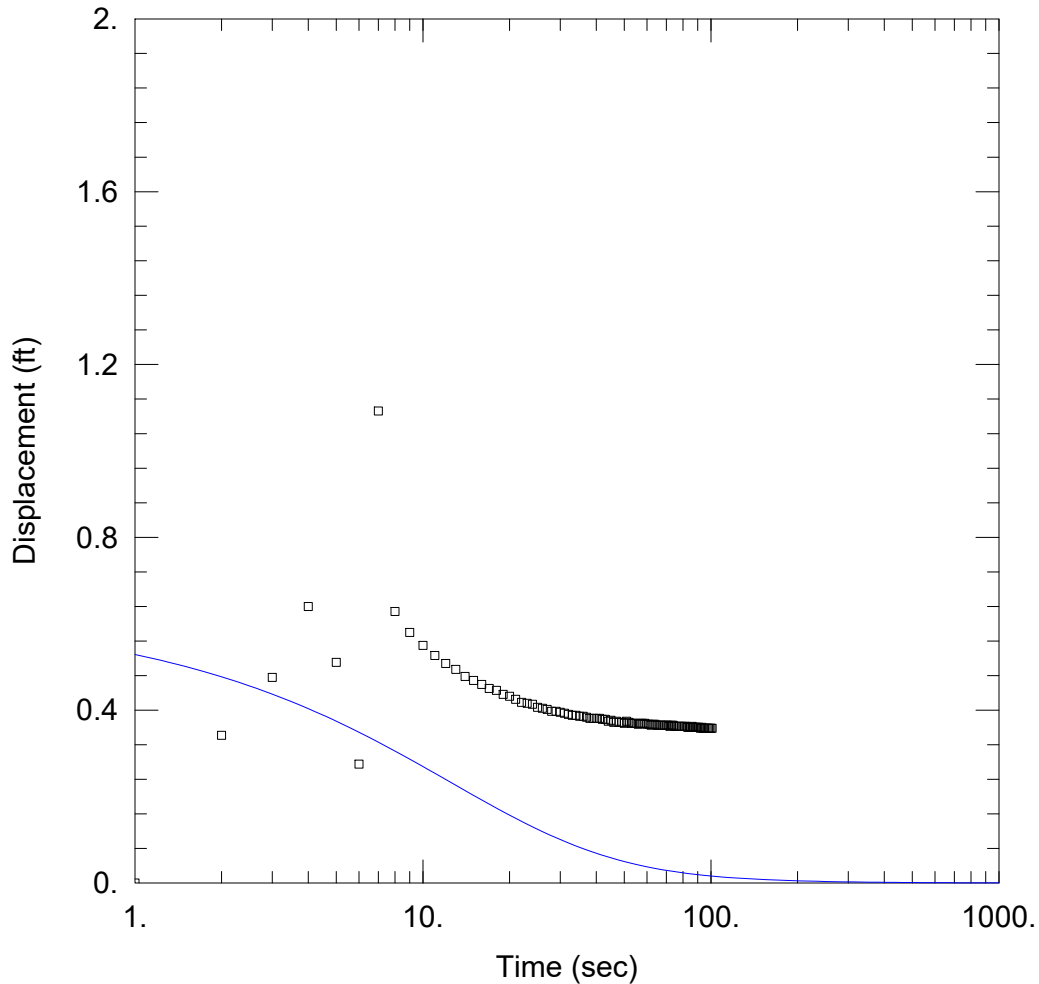
FALLING-HEAD TEST 2

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-31
Test Date: 5/9/19

AQUIFER DATA

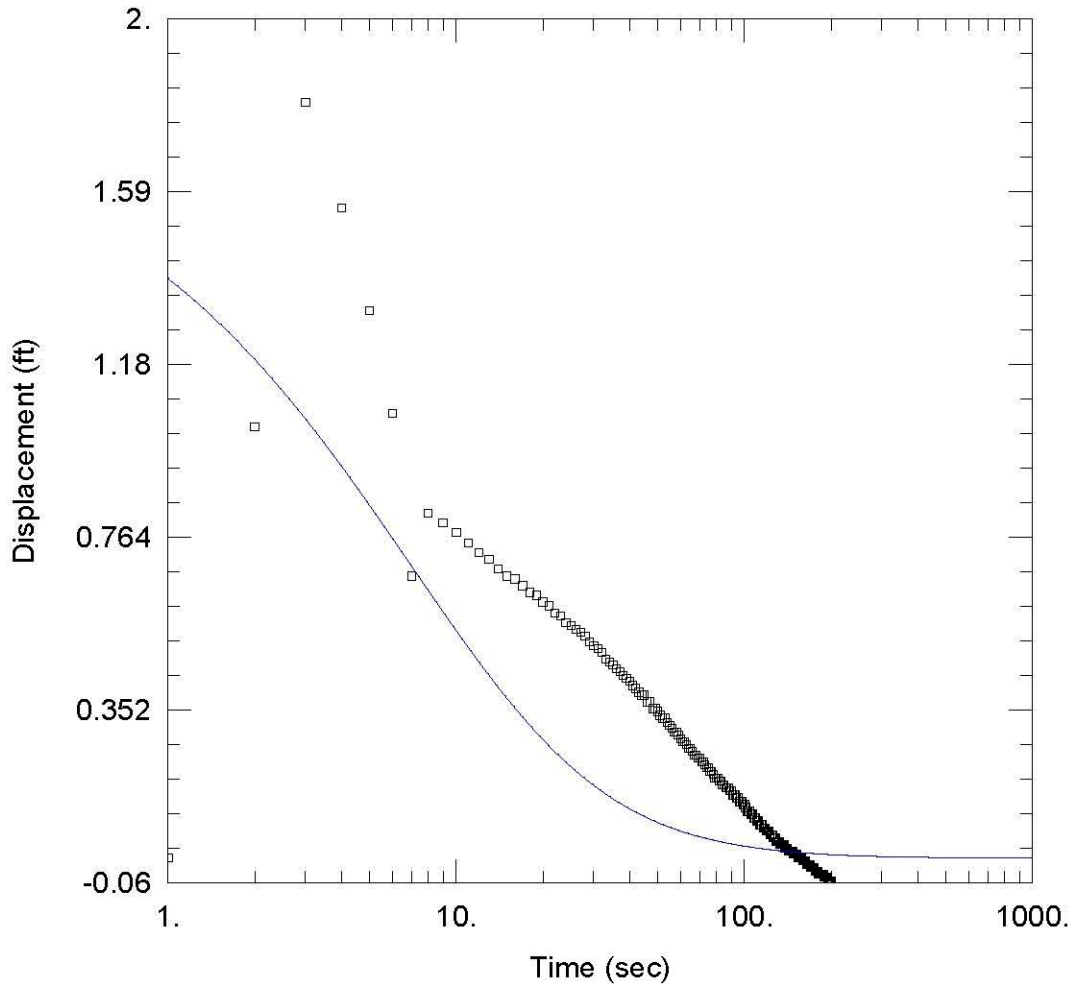Saturated Thickness: 10.03 ft

WELL DATA (MW-31)

Initial Displacement: 0.639 ft   Static Water Column Height: 10.03 ft
Total Well Penetration Depth: 26.5 ft   Screen Length: 15. ft
Casing Radius: 0.167 ft   Well Radius: 0.5 ft
Well Skin Radius: 0.5 ft   Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined   Solution Method: KGS Model w/skin

K_r = 0.9628 ft/day S_s = 9.97E-5 ft^{-1}
K_z/K_r = 1. K_r' = 0.9628 ft/day
S_s' = 0.001 ft^{-1} K_z/K_r' = 1.
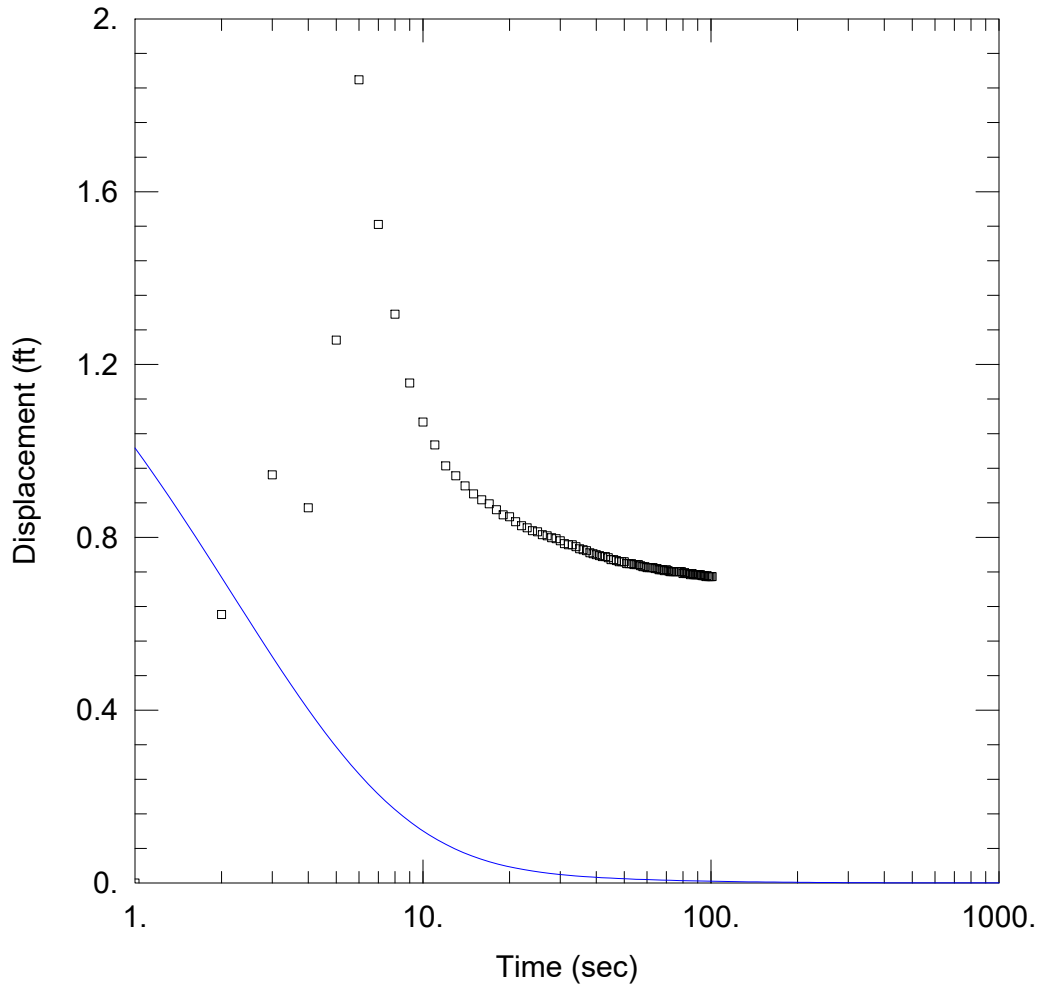
RISING-HEAD TEST

PROJECT INFORMATION

Company: Souder, Miller & Associates
Client: NMED PSTB
Location: Fairview Station
Test Well: MW-31
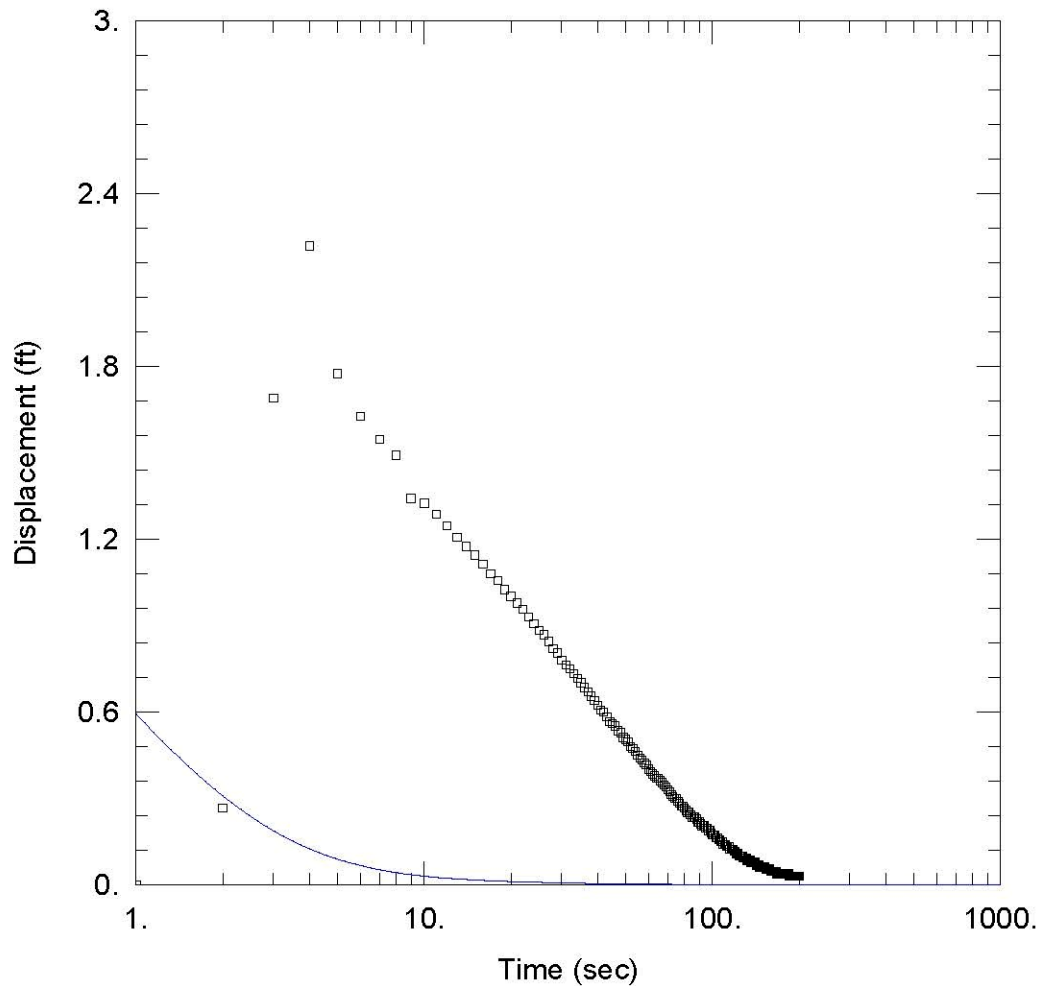Test Date: 5/9/19

AQUIFER DATA

Saturated Thickness: 9.688 ft

WELL DATA (MW-31)

Initial Displacement: 1.859 ft
Total Well Penetration Depth: 26.5 ft
Casing Radius: 0.167 ft
Well Skin Radius: 0.5 ft

Static Water Column Height: 9.688 ft
Screen Length: 15. ft
Well Radius: 0.5 ft
Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Unconfined

K_r = 1.038 ft/day
K_z/K_r = 1.
S_s' = 0.001 ft^{-1}

Solution Method: KGS Model w/skin

S_s = 0.0001032 ft^{-1}
K_r' = 1.038 ft/day
K_z/K_r' = 1.

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 11:48	17.19	2.881	6.654	0.000
2	0.033	5/9/2019 11:48	17.19	3.082	7.118	0.464
3	0.050	5/9/2019 11:48	17.19	3.385	7.818	1.164
4	0.067	5/9/2019 11:48	17.19	3.161	7.300	0.647
5	0.083	5/9/2019 11:48	17.19	2.99	6.905	0.252
6	0.100	5/9/2019 11:48	17.19	2.96	6.836	0.182
7	0.117	5/9/2019 11:48	17.19	2.953	6.820	0.166
8	0.133	5/9/2019 11:48	17.19	2.947	6.806	0.152
9	0.150	5/9/2019 11:48	17.19	2.94	6.790	0.136
10	0.167	5/9/2019 11:48	17.19	2.94	6.790	0.136
11	0.183	5/9/2019 11:48	17.19	2.93	6.767	0.113
12	0.200	5/9/2019 11:48	17.19	2.93	6.767	0.113
13	0.217	5/9/2019 11:48	17.19	2.927	6.760	0.106
14	0.233	5/9/2019 11:48	17.19	2.927	6.760	0.106
15	0.250	5/9/2019 11:48	17.19	2.92	6.744	0.090
16	0.267	5/9/2019 11:48	17.19	2.924	6.753	0.099
17	0.283	5/9/2019 11:48	17.19	2.917	6.737	0.083
18	0.300	5/9/2019 11:48	17.19	2.917	6.737	0.083
19	0.317	5/9/2019 11:48	17.19	2.917	6.737	0.083
20	0.333	5/9/2019 11:48	17.19	2.914	6.730	0.076
21	0.350	5/9/2019 11:48	17.19	2.917	6.737	0.083
22	0.367	5/9/2019 11:48	17.19	2.917	6.737	0.083
23	0.383	5/9/2019 11:48	17.19	2.914	6.730	0.076
24	0.400	5/9/2019 11:48	17.19	2.911	6.723	0.069
25	0.417	5/9/2019 11:48	17.19	2.914	6.730	0.076
26	0.433	5/9/2019 11:48	17.19	2.907	6.714	0.060
27	0.450	5/9/2019 11:48	17.19	2.914	6.730	0.076
28	0.467	5/9/2019 11:48	17.19	2.907	6.714	0.060
29	0.483	5/9/2019 11:48	17.19	2.911	6.723	0.069
30	0.500	5/9/2019 11:48	17.19	2.907	6.714	0.060
31	0.517	5/9/2019 11:48	17.19	2.904	6.707	0.053
32	0.533	5/9/2019 11:48	17.19	2.907	6.714	0.060
33	0.550	5/9/2019 11:48	17.19	2.904	6.707	0.053
34	0.567	5/9/2019 11:48	17.25	2.904	6.707	0.053
35	0.583	5/9/2019 11:48	17.19	2.904	6.707	0.053
36	0.600	5/9/2019 11:48	17.19	2.904	6.707	0.053
37	0.617	5/9/2019 11:48	17.19	2.904	6.707	0.053
38	0.633	5/9/2019 11:49	17.19	2.901	6.700	0.046
39	0.650	5/9/2019 11:49	17.19	2.897	6.691	0.037
40	0.667	5/9/2019 11:49	17.19	2.901	6.700	0.046
41	0.683	5/9/2019 11:49	17.19	2.904	6.707	0.053
42	0.700	5/9/2019 11:49	17.19	2.897	6.691	0.037
43	0.717	5/9/2019 11:49	17.19	2.897	6.691	0.037
44	0.733	5/9/2019 11:49	17.19	2.897	6.691	0.037
45	0.750	5/9/2019 11:49	17.19	2.894	6.684	0.030
46	0.767	5/9/2019 11:49	17.19	2.897	6.691	0.037
47	0.783	5/9/2019 11:49	17.19	2.894	6.684	0.030
48	0.800	5/9/2019 11:49	17.19	2.897	6.691	0.037
49	0.817	5/9/2019 11:49	17.19	2.897	6.691	0.037

50	0.833	5/9/2019 11:49	17.19	2.897	6.691	0.037
51	0.850	5/9/2019 11:49	17.19	2.894	6.684	0.030
52	0.867	5/9/2019 11:49	17.19	2.897	6.691	0.037
53	0.883	5/9/2019 11:49	17.19	2.894	6.684	0.030
54	0.900	5/9/2019 11:49	17.19	2.891	6.677	0.023
55	0.917	5/9/2019 11:49	17.19	2.897	6.691	0.037
56	0.933	5/9/2019 11:49	17.19	2.894	6.684	0.030
57	0.950	5/9/2019 11:49	17.19	2.894	6.684	0.030
58	0.967	5/9/2019 11:49	17.19	2.891	6.677	0.023
59	0.983	5/9/2019 11:49	17.19	2.891	6.677	0.023
60	1.000	5/9/2019 11:49	17.19	2.891	6.677	0.023
61	1.017	5/9/2019 11:49	17.19	2.894	6.684	0.030
62	1.033	5/9/2019 11:49	17.19	2.891	6.677	0.023
63	1.050	5/9/2019 11:49	17.19	2.894	6.684	0.030
64	1.067	5/9/2019 11:49	17.19	2.894	6.684	0.030
65	1.083	5/9/2019 11:49	17.19	2.891	6.677	0.023
66	1.100	5/9/2019 11:49	17.19	2.897	6.691	0.037
67	1.117	5/9/2019 11:49	17.19	2.894	6.684	0.030
68	1.133	5/9/2019 11:49	17.19	2.891	6.677	0.023
69	1.150	5/9/2019 11:49	17.19	2.888	6.670	0.016
70	1.167	5/9/2019 11:49	17.19	2.888	6.670	0.016
71	1.183	5/9/2019 11:49	17.19	2.891	6.677	0.023
72	1.200	5/9/2019 11:49	17.19	2.891	6.677	0.023
73	1.217	5/9/2019 11:49	17.19	2.888	6.670	0.016
74	1.233	5/9/2019 11:49	17.19	2.888	6.670	0.016
75	1.250	5/9/2019 11:49	17.19	2.891	6.677	0.023
76	1.267	5/9/2019 11:49	17.19	2.894	6.684	0.030
77	1.283	5/9/2019 11:49	17.19	2.888	6.670	0.016
78	1.300	5/9/2019 11:49	17.19	2.891	6.677	0.023
79	1.317	5/9/2019 11:49	17.19	2.888	6.670	0.016
80	1.333	5/9/2019 11:49	17.19	2.888	6.670	0.016
81	1.350	5/9/2019 11:49	17.19	2.888	6.670	0.016
82	1.367	5/9/2019 11:49	17.19	2.884	6.661	0.007
83	1.383	5/9/2019 11:49	17.19	2.884	6.661	0.007
84	1.400	5/9/2019 11:49	17.19	2.888	6.670	0.016
85	1.417	5/9/2019 11:49	17.19	2.888	6.670	0.016
86	1.433	5/9/2019 11:49	17.19	2.888	6.670	0.016
87	1.450	5/9/2019 11:49	17.19	2.888	6.670	0.016
88	1.467	5/9/2019 11:49	17.19	2.888	6.670	0.016
89	1.483	5/9/2019 11:49	17.19	2.888	6.670	0.016
90	1.500	5/9/2019 11:49	17.25	2.888	6.670	0.016
91	1.517	5/9/2019 11:49	17.25	2.888	6.670	0.016
92	1.533	5/9/2019 11:49	17.19	2.888	6.670	0.016
93	1.550	5/9/2019 11:49	17.19	2.888	6.670	0.016
94	1.567	5/9/2019 11:49	17.19	2.888	6.670	0.016
95	1.583	5/9/2019 11:49	17.19	2.888	6.670	0.016
96	1.600	5/9/2019 11:49	17.19	2.884	6.661	0.007
97	1.617	5/9/2019 11:49	17.19	2.888	6.670	0.016
98	1.633	5/9/2019 11:50	17.19	2.888	6.670	0.016
99	1.650	5/9/2019 11:50	17.19	2.884	6.661	0.007
100	1.667	5/9/2019 11:50	17.19	2.881	6.654	0.000

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 14:42	17.25	2.762	6.379	0.000
2	0.033	5/9/2019 14:42	17.19	3.079	7.111	0.732
3	0.050	5/9/2019 14:42	17.19	3.052	7.048	0.670
4	0.067	5/9/2019 14:42	17.25	2.924	6.753	0.374
5	0.083	5/9/2019 14:42	17.19	2.851	6.584	0.206
6	0.100	5/9/2019 14:42	17.19	2.845	6.570	0.192
7	0.117	5/9/2019 14:42	17.19	2.841	6.561	0.182
8	0.133	5/9/2019 14:42	17.19	2.835	6.547	0.169
9	0.150	5/9/2019 14:42	17.19	2.832	6.540	0.162
10	0.167	5/9/2019 14:42	17.19	2.825	6.524	0.145
11	0.183	5/9/2019 14:42	17.25	2.825	6.524	0.145
12	0.200	5/9/2019 14:42	17.19	2.822	6.517	0.139
13	0.217	5/9/2019 14:42	17.19	2.818	6.508	0.129
14	0.233	5/9/2019 14:42	17.19	2.818	6.508	0.129
15	0.250	5/9/2019 14:42	17.19	2.822	6.517	0.139
16	0.267	5/9/2019 14:42	17.25	2.815	6.501	0.122
17	0.283	5/9/2019 14:42	17.19	2.815	6.501	0.122
18	0.300	5/9/2019 14:42	17.19	2.808	6.485	0.106
19	0.317	5/9/2019 14:43	17.19	2.812	6.494	0.115
20	0.333	5/9/2019 14:43	17.19	2.808	6.485	0.106
21	0.350	5/9/2019 14:43	17.19	2.812	6.494	0.115
22	0.367	5/9/2019 14:43	17.19	2.812	6.494	0.115
23	0.383	5/9/2019 14:43	17.19	2.808	6.485	0.106
24	0.400	5/9/2019 14:43	17.19	2.805	6.478	0.099
25	0.417	5/9/2019 14:43	17.19	2.805	6.478	0.099
26	0.433	5/9/2019 14:43	17.19	2.805	6.478	0.099
27	0.450	5/9/2019 14:43	17.25	2.802	6.471	0.092
28	0.467	5/9/2019 14:43	17.19	2.802	6.471	0.092
29	0.483	5/9/2019 14:43	17.19	2.802	6.471	0.092
30	0.500	5/9/2019 14:43	17.19	2.802	6.471	0.092
31	0.517	5/9/2019 14:43	17.25	2.802	6.471	0.092
32	0.533	5/9/2019 14:43	17.25	2.799	6.464	0.085
33	0.550	5/9/2019 14:43	17.19	2.799	6.464	0.085
34	0.567	5/9/2019 14:43	17.19	2.795	6.455	0.076
35	0.583	5/9/2019 14:43	17.19	2.799	6.464	0.085
36	0.600	5/9/2019 14:43	17.19	2.795	6.455	0.076
37	0.617	5/9/2019 14:43	17.19	2.795	6.455	0.076
38	0.633	5/9/2019 14:43	17.25	2.795	6.455	0.076
39	0.650	5/9/2019 14:43	17.19	2.792	6.448	0.069
40	0.667	5/9/2019 14:43	17.25	2.789	6.441	0.062
41	0.683	5/9/2019 14:43	17.25	2.792	6.448	0.069
42	0.700	5/9/2019 14:43	17.19	2.789	6.441	0.062
43	0.717	5/9/2019 14:43	17.19	2.792	6.448	0.069
44	0.733	5/9/2019 14:43	17.19	2.792	6.448	0.069
45	0.750	5/9/2019 14:43	17.19	2.789	6.441	0.062
46	0.767	5/9/2019 14:43	17.25	2.789	6.441	0.062
47	0.783	5/9/2019 14:43	17.19	2.789	6.441	0.062
48	0.800	5/9/2019 14:43	17.19	2.789	6.441	0.062
49	0.817	5/9/2019 14:43	17.19	2.789	6.441	0.062

50	0.833	5/9/2019 14:43	17.19	2.785	6.432	0.053
51	0.850	5/9/2019 14:43	17.25	2.785	6.432	0.053
52	0.867	5/9/2019 14:43	17.19	2.785	6.432	0.053
53	0.883	5/9/2019 14:43	17.25	2.785	6.432	0.053
54	0.900	5/9/2019 14:43	17.25	2.782	6.425	0.046
55	0.917	5/9/2019 14:43	17.25	2.785	6.432	0.053
56	0.933	5/9/2019 14:43	17.25	2.785	6.432	0.053
57	0.950	5/9/2019 14:43	17.25	2.785	6.432	0.053
58	0.967	5/9/2019 14:43	17.19	2.785	6.432	0.053
59	0.983	5/9/2019 14:43	17.19	2.785	6.432	0.053
60	1.000	5/9/2019 14:43	17.19	2.782	6.425	0.046
61	1.017	5/9/2019 14:43	17.19	2.782	6.425	0.046
62	1.033	5/9/2019 14:43	17.25	2.782	6.425	0.046
63	1.050	5/9/2019 14:43	17.19	2.782	6.425	0.046
64	1.067	5/9/2019 14:43	17.19	2.782	6.425	0.046
65	1.083	5/9/2019 14:43	17.19	2.785	6.432	0.053
66	1.100	5/9/2019 14:43	17.19	2.785	6.432	0.053
67	1.117	5/9/2019 14:43	17.19	2.779	6.418	0.039
68	1.133	5/9/2019 14:43	17.19	2.779	6.418	0.039
69	1.150	5/9/2019 14:43	17.25	2.782	6.425	0.046
70	1.167	5/9/2019 14:43	17.19	2.782	6.425	0.046
71	1.183	5/9/2019 14:43	17.19	2.782	6.425	0.046
72	1.200	5/9/2019 14:43	17.19	2.782	6.425	0.046
73	1.217	5/9/2019 14:43	17.19	2.779	6.418	0.039
74	1.233	5/9/2019 14:43	17.19	2.779	6.418	0.039
75	1.250	5/9/2019 14:43	17.25	2.782	6.425	0.046
76	1.267	5/9/2019 14:43	17.19	2.779	6.418	0.039
77	1.283	5/9/2019 14:43	17.25	2.779	6.418	0.039
78	1.300	5/9/2019 14:43	17.25	2.779	6.418	0.039
79	1.317	5/9/2019 14:44	17.25	2.779	6.418	0.039
80	1.333	5/9/2019 14:44	17.19	2.775	6.409	0.030
81	1.350	5/9/2019 14:44	17.19	2.779	6.418	0.039
82	1.367	5/9/2019 14:44	17.25	2.776	6.411	0.032
83	1.383	5/9/2019 14:44	17.19	2.779	6.418	0.039
84	1.400	5/9/2019 14:44	17.19	2.779	6.418	0.039
85	1.417	5/9/2019 14:44	17.19	2.779	6.418	0.039
86	1.433	5/9/2019 14:44	17.25	2.779	6.418	0.039
87	1.450	5/9/2019 14:44	17.25	2.779	6.418	0.039
88	1.467	5/9/2019 14:44	17.19	2.779	6.418	0.039
89	1.483	5/9/2019 14:44	17.25	2.776	6.411	0.032
90	1.500	5/9/2019 14:44	17.19	2.775	6.409	0.030
91	1.517	5/9/2019 14:44	17.19	2.779	6.418	0.039
92	1.533	5/9/2019 14:44	17.19	2.775	6.409	0.030
93	1.550	5/9/2019 14:44	17.19	2.779	6.418	0.039
94	1.567	5/9/2019 14:44	17.25	2.779	6.418	0.039
95	1.583	5/9/2019 14:44	17.25	2.776	6.411	0.032
96	1.600	5/9/2019 14:44	17.25	2.779	6.418	0.039
97	1.617	5/9/2019 14:44	17.25	2.779	6.418	0.039
98	1.633	5/9/2019 14:44	17.25	2.776	6.411	0.032
99	1.650	5/9/2019 14:44	17.19	2.779	6.418	0.039
100	1.667	5/9/2019 14:44	17.19	2.775	6.409	0.030

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 13:35	17.25	2.802	6.471	0.000
2	0.033	5/9/2019 13:35	17.25	2.495	5.762	0.709
3	0.050	5/9/2019 13:35	17.25	2.275	5.254	1.217
4	0.067	5/9/2019 13:35	17.25	2.518	5.815	0.656
5	0.083	5/9/2019 13:35	17.25	2.637	6.090	0.381
6	0.100	5/9/2019 13:35	17.25	2.687	6.206	0.266
7	0.117	5/9/2019 13:35	17.25	2.726	6.296	0.176
8	0.133	5/9/2019 13:35	17.25	2.739	6.326	0.145
9	0.150	5/9/2019 13:35	17.25	2.743	6.335	0.136
10	0.167	5/9/2019 13:35	17.25	2.749	6.349	0.122
11	0.183	5/9/2019 13:35	17.25	2.756	6.365	0.106
12	0.200	5/9/2019 13:35	17.25	2.756	6.365	0.106
13	0.217	5/9/2019 13:35	17.25	2.756	6.365	0.106
14	0.233	5/9/2019 13:35	17.25	2.759	6.372	0.099
15	0.250	5/9/2019 13:35	17.25	2.766	6.388	0.083
16	0.267	5/9/2019 13:35	17.25	2.762	6.379	0.092
17	0.283	5/9/2019 13:35	17.25	2.766	6.388	0.083
18	0.300	5/9/2019 13:35	17.25	2.766	6.388	0.083
19	0.317	5/9/2019 13:35	17.25	2.769	6.395	0.076
20	0.333	5/9/2019 13:35	17.19	2.769	6.395	0.076
21	0.350	5/9/2019 13:35	17.25	2.769	6.395	0.076
22	0.367	5/9/2019 13:35	17.25	2.769	6.395	0.076
23	0.383	5/9/2019 13:36	17.25	2.769	6.395	0.076
24	0.400	5/9/2019 13:36	17.25	2.772	6.402	0.069
25	0.417	5/9/2019 13:36	17.25	2.776	6.411	0.060
26	0.433	5/9/2019 13:36	17.25	2.772	6.402	0.069
27	0.450	5/9/2019 13:36	17.25	2.772	6.402	0.069
28	0.467	5/9/2019 13:36	17.25	2.772	6.402	0.069
29	0.483	5/9/2019 13:36	17.25	2.776	6.411	0.060
30	0.500	5/9/2019 13:36	17.25	2.776	6.411	0.060
31	0.517	5/9/2019 13:36	17.25	2.776	6.411	0.060
32	0.533	5/9/2019 13:36	17.25	2.779	6.418	0.053
33	0.550	5/9/2019 13:36	17.25	2.776	6.411	0.060
34	0.567	5/9/2019 13:36	17.25	2.776	6.411	0.060
35	0.583	5/9/2019 13:36	17.25	2.779	6.418	0.053
36	0.600	5/9/2019 13:36	17.25	2.776	6.411	0.060
37	0.617	5/9/2019 13:36	17.25	2.776	6.411	0.060
38	0.633	5/9/2019 13:36	17.25	2.779	6.418	0.053
39	0.650	5/9/2019 13:36	17.25	2.779	6.418	0.053
40	0.667	5/9/2019 13:36	17.25	2.779	6.418	0.053
41	0.683	5/9/2019 13:36	17.25	2.779	6.418	0.053
42	0.700	5/9/2019 13:36	17.25	2.779	6.418	0.053
43	0.717	5/9/2019 13:36	17.25	2.782	6.425	0.046
44	0.733	5/9/2019 13:36	17.25	2.782	6.425	0.046
45	0.750	5/9/2019 13:36	17.25	2.782	6.425	0.046
46	0.767	5/9/2019 13:36	17.25	2.779	6.418	0.053
47	0.783	5/9/2019 13:36	17.25	2.782	6.425	0.046
48	0.800	5/9/2019 13:36	17.25	2.782	6.425	0.046
49	0.817	5/9/2019 13:36	17.25	2.782	6.425	0.046

50	0.833	5/9/2019 13:36	17.19	2.782	6.425	0.046
51	0.850	5/9/2019 13:36	17.25	2.782	6.425	0.046
52	0.867	5/9/2019 13:36	17.25	2.782	6.425	0.046
53	0.883	5/9/2019 13:36	17.25	2.782	6.425	0.046
54	0.900	5/9/2019 13:36	17.25	2.785	6.432	0.039
55	0.917	5/9/2019 13:36	17.25	2.782	6.425	0.046
56	0.933	5/9/2019 13:36	17.25	2.782	6.425	0.046
57	0.950	5/9/2019 13:36	17.25	2.785	6.432	0.039
58	0.967	5/9/2019 13:36	17.25	2.785	6.432	0.039
59	0.983	5/9/2019 13:36	17.25	2.779	6.418	0.053
60	1.000	5/9/2019 13:36	17.25	2.785	6.432	0.039
61	1.017	5/9/2019 13:36	17.25	2.782	6.425	0.046
62	1.033	5/9/2019 13:36	17.25	2.782	6.425	0.046
63	1.050	5/9/2019 13:36	17.25	2.785	6.432	0.039
64	1.067	5/9/2019 13:36	17.25	2.782	6.425	0.046
65	1.083	5/9/2019 13:36	17.25	2.785	6.432	0.039
66	1.100	5/9/2019 13:36	17.25	2.785	6.432	0.039
67	1.117	5/9/2019 13:36	17.25	2.785	6.432	0.039
68	1.133	5/9/2019 13:36	17.25	2.782	6.425	0.046
69	1.150	5/9/2019 13:36	17.25	2.785	6.432	0.039
70	1.167	5/9/2019 13:36	17.25	2.782	6.425	0.046
71	1.183	5/9/2019 13:36	17.25	2.785	6.432	0.039
72	1.200	5/9/2019 13:36	17.25	2.789	6.441	0.030
73	1.217	5/9/2019 13:36	17.25	2.785	6.432	0.039
74	1.233	5/9/2019 13:36	17.25	2.782	6.425	0.046
75	1.250	5/9/2019 13:36	17.25	2.785	6.432	0.039
76	1.267	5/9/2019 13:36	17.25	2.782	6.425	0.046
77	1.283	5/9/2019 13:36	17.25	2.785	6.432	0.039
78	1.300	5/9/2019 13:36	17.25	2.785	6.432	0.039
79	1.317	5/9/2019 13:36	17.25	2.785	6.432	0.039
80	1.333	5/9/2019 13:36	17.25	2.782	6.425	0.046
81	1.350	5/9/2019 13:36	17.25	2.782	6.425	0.046
82	1.367	5/9/2019 13:36	17.25	2.782	6.425	0.046
83	1.383	5/9/2019 13:37	17.25	2.782	6.425	0.046
84	1.400	5/9/2019 13:37	17.25	2.785	6.432	0.039
85	1.417	5/9/2019 13:37	17.25	2.782	6.425	0.046
86	1.433	5/9/2019 13:37	17.25	2.785	6.432	0.039
87	1.450	5/9/2019 13:37	17.25	2.785	6.432	0.039
88	1.467	5/9/2019 13:37	17.25	2.789	6.441	0.030
89	1.483	5/9/2019 13:37	17.25	2.789	6.441	0.030
90	1.500	5/9/2019 13:37	17.25	2.785	6.432	0.039
91	1.517	5/9/2019 13:37	17.25	2.785	6.432	0.039
92	1.533	5/9/2019 13:37	17.25	2.785	6.432	0.039
93	1.550	5/9/2019 13:37	17.25	2.789	6.441	0.030
94	1.567	5/9/2019 13:37	17.25	2.782	6.425	0.046
95	1.583	5/9/2019 13:37	17.25	2.782	6.425	0.046
96	1.600	5/9/2019 13:37	17.25	2.782	6.425	0.046
97	1.617	5/9/2019 13:37	17.19	2.782	6.425	0.046
98	1.633	5/9/2019 13:37	17.25	2.785	6.432	0.039
99	1.650	5/9/2019 13:37	17.19	2.785	6.432	0.039
100	1.667	5/9/2019 13:37	17.25	2.785	6.432	0.039

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 15:55	17.25	2.924	6.753	0.000
2	0.033	5/9/2019 15:55	17.25	2.756	6.365	0.388
3	0.050	5/9/2019 15:55	17.25	2.512	5.801	0.952
4	0.067	5/9/2019 15:55	17.25	2.644	6.106	0.647
5	0.083	5/9/2019 15:55	17.25	2.756	6.365	0.388
6	0.100	5/9/2019 15:55	17.25	2.808	6.485	0.268
7	0.117	5/9/2019 15:55	17.25	2.828	6.531	0.222
8	0.133	5/9/2019 15:55	17.25	2.841	6.561	0.192
9	0.150	5/9/2019 15:55	17.25	2.851	6.584	0.169
10	0.167	5/9/2019 15:55	17.25	2.874	6.637	0.115
11	0.183	5/9/2019 15:55	17.25	2.874	6.637	0.115
12	0.200	5/9/2019 15:55	17.25	2.878	6.647	0.106
13	0.217	5/9/2019 15:55	17.25	2.881	6.654	0.099
14	0.233	5/9/2019 15:55	17.19	2.884	6.661	0.092
15	0.250	5/9/2019 15:55	17.25	2.884	6.661	0.092
16	0.267	5/9/2019 15:56	17.19	2.891	6.677	0.076
17	0.283	5/9/2019 15:56	17.25	2.894	6.684	0.069
18	0.300	5/9/2019 15:56	17.25	2.897	6.691	0.062
19	0.317	5/9/2019 15:56	17.25	2.894	6.684	0.069
20	0.333	5/9/2019 15:56	17.25	2.897	6.691	0.062
21	0.350	5/9/2019 15:56	17.25	2.897	6.691	0.062
22	0.367	5/9/2019 15:56	17.25	2.897	6.691	0.062
23	0.383	5/9/2019 15:56	17.25	2.901	6.700	0.053
24	0.400	5/9/2019 15:56	17.25	2.901	6.700	0.053
25	0.417	5/9/2019 15:56	17.25	2.904	6.707	0.046
26	0.433	5/9/2019 15:56	17.25	2.904	6.707	0.046
27	0.450	5/9/2019 15:56	17.25	2.904	6.707	0.046
28	0.467	5/9/2019 15:56	17.25	2.904	6.707	0.046
29	0.483	5/9/2019 15:56	17.25	2.907	6.714	0.039
30	0.500	5/9/2019 15:56	17.25	2.907	6.714	0.039
31	0.517	5/9/2019 15:56	17.25	2.904	6.707	0.046
32	0.533	5/9/2019 15:56	17.25	2.907	6.714	0.039
33	0.550	5/9/2019 15:56	17.25	2.907	6.714	0.039
34	0.567	5/9/2019 15:56	17.25	2.907	6.714	0.039
35	0.583	5/9/2019 15:56	17.25	2.907	6.714	0.039
36	0.600	5/9/2019 15:56	17.25	2.914	6.730	0.023
37	0.617	5/9/2019 15:56	17.25	2.911	6.723	0.030
38	0.633	5/9/2019 15:56	17.25	2.914	6.730	0.023
39	0.650	5/9/2019 15:56	17.25	2.917	6.737	0.016
40	0.667	5/9/2019 15:56	17.25	2.911	6.723	0.030
41	0.683	5/9/2019 15:56	17.19	2.917	6.737	0.016
42	0.700	5/9/2019 15:56	17.25	2.917	6.737	0.016
43	0.717	5/9/2019 15:56	17.25	2.914	6.730	0.023
44	0.733	5/9/2019 15:56	17.25	2.917	6.737	0.016
45	0.750	5/9/2019 15:56	17.25	2.914	6.730	0.023
46	0.767	5/9/2019 15:56	17.25	2.917	6.737	0.016
47	0.783	5/9/2019 15:56	17.25	2.917	6.737	0.016
48	0.800	5/9/2019 15:56	17.25	2.921	6.746	0.007
49	0.817	5/9/2019 15:56	17.25	2.914	6.730	0.023

50	0.833	5/9/2019 15:56	17.25	2.917	6.737	0.016
51	0.850	5/9/2019 15:56	17.25	2.921	6.746	0.007
52	0.867	5/9/2019 15:56	17.25	2.924	6.753	0.000
53	0.883	5/9/2019 15:56	17.25	2.921	6.746	0.007
54	0.900	5/9/2019 15:56	17.19	2.92	6.744	0.009
55	0.917	5/9/2019 15:56	17.25	2.921	6.746	0.007
56	0.933	5/9/2019 15:56	17.25	2.921	6.746	0.007
57	0.950	5/9/2019 15:56	17.19	2.924	6.753	0.000
58	0.967	5/9/2019 15:56	17.25	2.924	6.753	0.000
59	0.983	5/9/2019 15:56	17.25	2.921	6.746	0.007
60	1.000	5/9/2019 15:56	17.25	2.924	6.753	0.000
61	1.017	5/9/2019 15:56	17.25	2.924	6.753	0.000
62	1.033	5/9/2019 15:56	17.19	2.917	6.737	0.016
63	1.050	5/9/2019 15:56	17.25	2.924	6.753	0.000
64	1.067	5/9/2019 15:56	17.25	2.924	6.753	0.000
65	1.083	5/9/2019 15:56	17.25	2.924	6.753	0.000
66	1.100	5/9/2019 15:56	17.25	2.924	6.753	0.000
67	1.117	5/9/2019 15:56	17.25	2.924	6.753	0.000
68	1.133	5/9/2019 15:56	17.25	2.924	6.753	0.000
69	1.150	5/9/2019 15:56	17.25	2.924	6.753	0.000
70	1.167	5/9/2019 15:56	17.25	2.927	6.760	-0.007
71	1.183	5/9/2019 15:56	17.25	2.927	6.760	-0.007
72	1.200	5/9/2019 15:56	17.25	2.927	6.760	-0.007
73	1.217	5/9/2019 15:56	17.19	2.924	6.753	0.000
74	1.233	5/9/2019 15:56	17.25	2.927	6.760	-0.007
75	1.250	5/9/2019 15:56	17.25	2.924	6.753	0.000
76	1.267	5/9/2019 15:57	17.25	2.927	6.760	-0.007
77	1.283	5/9/2019 15:57	17.25	2.924	6.753	0.000
78	1.300	5/9/2019 15:57	17.25	2.93	6.767	-0.014
79	1.317	5/9/2019 15:57	17.25	2.927	6.760	-0.007
80	1.333	5/9/2019 15:57	17.25	2.927	6.760	-0.007
81	1.350	5/9/2019 15:57	17.25	2.927	6.760	-0.007
82	1.367	5/9/2019 15:57	17.25	2.927	6.760	-0.007
83	1.383	5/9/2019 15:57	17.19	2.927	6.760	-0.007
84	1.400	5/9/2019 15:57	17.19	2.927	6.760	-0.007
85	1.417	5/9/2019 15:57	17.25	2.93	6.767	-0.014
86	1.433	5/9/2019 15:57	17.25	2.93	6.767	-0.014
87	1.450	5/9/2019 15:57	17.25	2.927	6.760	-0.007
88	1.467	5/9/2019 15:57	17.25	2.93	6.767	-0.014
89	1.483	5/9/2019 15:57	17.25	2.934	6.776	-0.023
90	1.500	5/9/2019 15:57	17.25	2.927	6.760	-0.007
91	1.517	5/9/2019 15:57	17.25	2.93	6.767	-0.014
92	1.533	5/9/2019 15:57	17.25	2.93	6.767	-0.014
93	1.550	5/9/2019 15:57	17.25	2.93	6.767	-0.014
94	1.567	5/9/2019 15:57	17.25	2.93	6.767	-0.014
95	1.583	5/9/2019 15:57	17.25	2.93	6.767	-0.014
96	1.600	5/9/2019 15:57	17.25	2.93	6.767	-0.014
97	1.617	5/9/2019 15:57	17.25	2.93	6.767	-0.014
98	1.633	5/9/2019 15:57	17.25	2.934	6.776	-0.023
99	1.650	5/9/2019 15:57	17.25	2.927	6.760	-0.007
100	1.667	5/9/2019 15:57	17.25	2.93	6.767	-0.014

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 9:49	15.94	3.478	8.032	0.000
2	0.033	5/9/2019 9:49	15.94	3.527	8.145	0.113
3	0.050	5/9/2019 9:49	15.94	3.561	8.224	0.192
4	0.067	5/9/2019 9:49	15.94	3.615	8.349	0.316
5	0.083	5/9/2019 9:49	15.94	3.588	8.286	0.254
6	0.100	5/9/2019 9:49	15.94	3.568	8.240	0.208
7	0.117	5/9/2019 9:49	15.94	3.691	8.524	0.492
8	0.133	5/9/2019 9:49	15.94	3.595	8.303	0.270
9	0.150	5/9/2019 9:49	15.94	3.565	8.233	0.201
10	0.167	5/9/2019 9:49	15.94	3.549	8.196	0.164
11	0.183	5/9/2019 9:49	15.94	3.446	7.958	-0.074
12	0.200	5/9/2019 9:49	15.94	3.507	8.099	0.067
13	0.217	5/9/2019 9:49	15.94	3.597	8.307	0.275
14	0.233	5/9/2019 9:49	15.94	3.535	8.164	0.132
15	0.250	5/9/2019 9:49	15.94	3.503	8.090	0.058
16	0.267	5/9/2019 9:49	15.94	3.501	8.085	0.053
17	0.283	5/9/2019 9:49	15.94	3.518	8.125	0.092
18	0.300	5/9/2019 9:49	15.94	3.516	8.120	0.088
19	0.317	5/9/2019 9:49	15.94	3.515	8.118	0.085
20	0.333	5/9/2019 9:49	15.94	3.514	8.115	0.083
21	0.350	5/9/2019 9:49	15.94	3.511	8.109	0.076
22	0.367	5/9/2019 9:50	15.94	3.509	8.104	0.072
23	0.383	5/9/2019 9:50	15.94	3.509	8.104	0.072
24	0.400	5/9/2019 9:50	15.94	3.507	8.099	0.067
25	0.417	5/9/2019 9:50	15.94	3.505	8.095	0.062
26	0.433	5/9/2019 9:50	15.94	3.505	8.095	0.062
27	0.450	5/9/2019 9:50	15.94	3.503	8.090	0.058
28	0.467	5/9/2019 9:50	15.94	3.503	8.090	0.058
29	0.483	5/9/2019 9:50	15.94	3.501	8.085	0.053
30	0.500	5/9/2019 9:50	15.94	3.5	8.083	0.051
31	0.517	5/9/2019 9:50	15.94	3.5	8.083	0.051
32	0.533	5/9/2019 9:50	15.94	3.498	8.079	0.046
33	0.550	5/9/2019 9:50	15.94	3.497	8.076	0.044
34	0.567	5/9/2019 9:50	15.94	3.497	8.076	0.044
35	0.583	5/9/2019 9:50	15.94	3.496	8.074	0.042
36	0.600	5/9/2019 9:50	15.94	3.495	8.072	0.039
37	0.617	5/9/2019 9:50	15.94	3.495	8.072	0.039
38	0.633	5/9/2019 9:50	16	3.495	8.072	0.039
39	0.650	5/9/2019 9:50	15.94	3.494	8.069	0.037
40	0.667	5/9/2019 9:50	15.94	3.493	8.067	0.035
41	0.683	5/9/2019 9:50	15.94	3.492	8.065	0.032
42	0.700	5/9/2019 9:50	15.94	3.492	8.065	0.032
43	0.717	5/9/2019 9:50	15.94	3.492	8.065	0.032
44	0.733	5/9/2019 9:50	15.94	3.49	8.060	0.028
45	0.750	5/9/2019 9:50	15.94	3.491	8.062	0.030
46	0.767	5/9/2019 9:50	15.94	3.49	8.060	0.028
47	0.783	5/9/2019 9:50	16	3.49	8.060	0.028
48	0.800	5/9/2019 9:50	15.94	3.49	8.060	0.028
49	0.817	5/9/2019 9:50	16	3.49	8.060	0.028

50	0.833	5/9/2019 9:50	15.94	3.489	8.058	0.025
51	0.850	5/9/2019 9:50	15.94	3.489	8.058	0.025
52	0.867	5/9/2019 9:50	15.94	3.489	8.058	0.025
53	0.883	5/9/2019 9:50	15.94	3.488	8.055	0.023
54	0.900	5/9/2019 9:50	15.94	3.487	8.053	0.021
55	0.917	5/9/2019 9:50	15.94	3.487	8.053	0.021
56	0.933	5/9/2019 9:50	16	3.487	8.053	0.021
57	0.950	5/9/2019 9:50	16	3.486	8.051	0.018
58	0.967	5/9/2019 9:50	15.94	3.487	8.053	0.021
59	0.983	5/9/2019 9:50	15.94	3.485	8.048	0.016
60	1.000	5/9/2019 9:50	16	3.485	8.048	0.016
61	1.017	5/9/2019 9:50	16	3.485	8.048	0.016
62	1.033	5/9/2019 9:50	15.94	3.485	8.048	0.016
63	1.050	5/9/2019 9:50	16	3.485	8.048	0.016
64	1.067	5/9/2019 9:50	16	3.485	8.048	0.016
65	1.083	5/9/2019 9:50	16	3.484	8.046	0.014
66	1.100	5/9/2019 9:50	16	3.484	8.046	0.014
67	1.117	5/9/2019 9:50	15.94	3.484	8.046	0.014
68	1.133	5/9/2019 9:50	16	3.483	8.044	0.012
69	1.150	5/9/2019 9:50	15.94	3.484	8.046	0.014
70	1.167	5/9/2019 9:50	16	3.482	8.042	0.009
71	1.183	5/9/2019 9:50	15.94	3.484	8.046	0.014
72	1.200	5/9/2019 9:50	16	3.482	8.042	0.009
73	1.217	5/9/2019 9:50	15.94	3.483	8.044	0.012
74	1.233	5/9/2019 9:50	16	3.483	8.044	0.012
75	1.250	5/9/2019 9:50	16	3.482	8.042	0.009
76	1.267	5/9/2019 9:50	16	3.482	8.042	0.009
77	1.283	5/9/2019 9:50	16	3.483	8.044	0.012
78	1.300	5/9/2019 9:50	16	3.482	8.042	0.009
79	1.317	5/9/2019 9:50	16	3.481	8.039	0.007
80	1.333	5/9/2019 9:50	15.94	3.481	8.039	0.007
81	1.350	5/9/2019 9:50	16	3.481	8.039	0.007
82	1.367	5/9/2019 9:51	16	3.481	8.039	0.007
83	1.383	5/9/2019 9:51	16	3.48	8.037	0.005
84	1.400	5/9/2019 9:51	16	3.481	8.039	0.007
85	1.417	5/9/2019 9:51	16	3.48	8.037	0.005
86	1.433	5/9/2019 9:51	15.94	3.48	8.037	0.005
87	1.450	5/9/2019 9:51	16	3.479	8.035	0.002
88	1.467	5/9/2019 9:51	16	3.48	8.037	0.005
89	1.483	5/9/2019 9:51	15.94	3.48	8.037	0.005
90	1.500	5/9/2019 9:51	16	3.48	8.037	0.005
91	1.517	5/9/2019 9:51	16	3.48	8.037	0.005
92	1.533	5/9/2019 9:51	15.94	3.48	8.037	0.005
93	1.550	5/9/2019 9:51	16	3.479	8.035	0.002
94	1.567	5/9/2019 9:51	16	3.479	8.035	0.002
95	1.583	5/9/2019 9:51	16	3.479	8.035	0.002
96	1.600	5/9/2019 9:51	16	3.478	8.032	0.000
97	1.617	5/9/2019 9:51	16	3.479	8.035	0.002
98	1.633	5/9/2019 9:51	16	3.479	8.035	0.002
99	1.650	5/9/2019 9:51	16	3.477	8.030	-0.002
100	1.667	5/9/2019 9:51	15.94	3.477	8.030	-0.002

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 13:34	16.13	3.081	7.115	0.000
2	0.033	5/9/2019 13:34	16.13	3.123	7.212	0.097
3	0.050	5/9/2019 13:34	16.13	3.372	7.788	0.672
4	0.067	5/9/2019 13:34	16.13	3.365	7.771	0.656
5	0.083	5/9/2019 13:34	16.13	3.23	7.460	0.344
6	0.100	5/9/2019 13:34	16.13	3.15	7.275	0.159
7	0.117	5/9/2019 13:34	16.19	3.138	7.247	0.132
8	0.133	5/9/2019 13:34	16.13	3.13	7.229	0.113
9	0.150	5/9/2019 13:34	16.13	3.124	7.215	0.099
10	0.167	5/9/2019 13:34	16.13	3.121	7.208	0.092
11	0.183	5/9/2019 13:34	16.13	3.117	7.199	0.083
12	0.200	5/9/2019 13:34	16.13	3.115	7.194	0.079
13	0.217	5/9/2019 13:34	16.13	3.113	7.189	0.074
14	0.233	5/9/2019 13:34	16.13	3.111	7.185	0.069
15	0.250	5/9/2019 13:34	16.13	3.109	7.180	0.065
16	0.267	5/9/2019 13:34	16.13	3.108	7.178	0.062
17	0.283	5/9/2019 13:34	16.13	3.108	7.178	0.062
18	0.300	5/9/2019 13:34	16.13	3.106	7.173	0.058
19	0.317	5/9/2019 13:34	16.13	3.104	7.169	0.053
20	0.333	5/9/2019 13:34	16.13	3.104	7.169	0.053
21	0.350	5/9/2019 13:34	16.19	3.102	7.164	0.048
22	0.367	5/9/2019 13:34	16.13	3.102	7.164	0.048
23	0.383	5/9/2019 13:34	16.13	3.101	7.162	0.046
24	0.400	5/9/2019 13:34	16.13	3.1	7.159	0.044
25	0.417	5/9/2019 13:34	16.13	3.099	7.157	0.042
26	0.433	5/9/2019 13:34	16.13	3.098	7.155	0.039
27	0.450	5/9/2019 13:34	16.13	3.098	7.155	0.039
28	0.467	5/9/2019 13:34	16.13	3.097	7.152	0.037
29	0.483	5/9/2019 13:34	16.13	3.097	7.152	0.037
30	0.500	5/9/2019 13:34	16.13	3.096	7.150	0.035
31	0.517	5/9/2019 13:34	16.13	3.095	7.148	0.032
32	0.533	5/9/2019 13:34	16.13	3.095	7.148	0.032
33	0.550	5/9/2019 13:34	16.13	3.095	7.148	0.032
34	0.567	5/9/2019 13:34	16.13	3.094	7.145	0.030
35	0.583	5/9/2019 13:34	16.13	3.093	7.143	0.028
36	0.600	5/9/2019 13:34	16.13	3.093	7.143	0.028
37	0.617	5/9/2019 13:35	16.13	3.093	7.143	0.028
38	0.633	5/9/2019 13:35	16.13	3.092	7.141	0.025
39	0.650	5/9/2019 13:35	16.13	3.093	7.143	0.028
40	0.667	5/9/2019 13:35	16.13	3.092	7.141	0.025
41	0.683	5/9/2019 13:35	16.13	3.092	7.141	0.025
42	0.700	5/9/2019 13:35	16.13	3.092	7.141	0.025
43	0.717	5/9/2019 13:35	16.13	3.091	7.139	0.023
44	0.733	5/9/2019 13:35	16.13	3.09	7.136	0.021
45	0.750	5/9/2019 13:35	16.13	3.09	7.136	0.021
46	0.767	5/9/2019 13:35	16.13	3.09	7.136	0.021
47	0.783	5/9/2019 13:35	16.13	3.089	7.134	0.018
48	0.800	5/9/2019 13:35	16.13	3.09	7.136	0.021
49	0.817	5/9/2019 13:35	16.13	3.089	7.134	0.018

50	0.833	5/9/2019 13:35	16.13	3.088	7.132	0.016
51	0.850	5/9/2019 13:35	16.13	3.088	7.132	0.016
52	0.867	5/9/2019 13:35	16.13	3.088	7.132	0.016
53	0.883	5/9/2019 13:35	16.19	3.088	7.132	0.016
54	0.900	5/9/2019 13:35	16.13	3.088	7.132	0.016
55	0.917	5/9/2019 13:35	16.13	3.087	7.129	0.014
56	0.933	5/9/2019 13:35	16.13	3.086	7.127	0.012
57	0.950	5/9/2019 13:35	16.13	3.087	7.129	0.014
58	0.967	5/9/2019 13:35	16.13	3.087	7.129	0.014
59	0.983	5/9/2019 13:35	16.13	3.086	7.127	0.012
60	1.000	5/9/2019 13:35	16.13	3.086	7.127	0.012
61	1.017	5/9/2019 13:35	16.13	3.085	7.125	0.009
62	1.033	5/9/2019 13:35	16.13	3.085	7.125	0.009
63	1.050	5/9/2019 13:35	16.13	3.085	7.125	0.009
64	1.067	5/9/2019 13:35	16.13	3.086	7.127	0.012
65	1.083	5/9/2019 13:35	16.13	3.086	7.127	0.012
66	1.100	5/9/2019 13:35	16.19	3.085	7.125	0.009
67	1.117	5/9/2019 13:35	16.13	3.085	7.125	0.009
68	1.133	5/9/2019 13:35	16.13	3.085	7.125	0.009
69	1.150	5/9/2019 13:35	16.13	3.084	7.122	0.007
70	1.167	5/9/2019 13:35	16.13	3.085	7.125	0.009
71	1.183	5/9/2019 13:35	16.13	3.085	7.125	0.009
72	1.200	5/9/2019 13:35	16.13	3.086	7.127	0.012
73	1.217	5/9/2019 13:35	16.13	3.085	7.125	0.009
74	1.233	5/9/2019 13:35	16.19	3.085	7.125	0.009
75	1.250	5/9/2019 13:35	16.13	3.085	7.125	0.009
76	1.267	5/9/2019 13:35	16.13	3.085	7.125	0.009
77	1.283	5/9/2019 13:35	16.13	3.085	7.125	0.009
78	1.300	5/9/2019 13:35	16.13	3.085	7.125	0.009
79	1.317	5/9/2019 13:35	16.13	3.085	7.125	0.009
80	1.333	5/9/2019 13:35	16.13	3.084	7.122	0.007
81	1.350	5/9/2019 13:35	16.13	3.085	7.125	0.009
82	1.367	5/9/2019 13:35	16.13	3.084	7.122	0.007
83	1.383	5/9/2019 13:35	16.13	3.084	7.122	0.007
84	1.400	5/9/2019 13:35	16.13	3.084	7.122	0.007
85	1.417	5/9/2019 13:35	16.13	3.084	7.122	0.007
86	1.433	5/9/2019 13:35	16.13	3.084	7.122	0.007
87	1.450	5/9/2019 13:35	16.13	3.084	7.122	0.007
88	1.467	5/9/2019 13:35	16.13	3.083	7.120	0.005
89	1.483	5/9/2019 13:35	16.13	3.082	7.118	0.002
90	1.500	5/9/2019 13:35	16.13	3.083	7.120	0.005
91	1.517	5/9/2019 13:35	16.13	3.082	7.118	0.002
92	1.533	5/9/2019 13:35	16.13	3.083	7.120	0.005
93	1.550	5/9/2019 13:35	16.13	3.083	7.120	0.005
94	1.567	5/9/2019 13:35	16.13	3.082	7.118	0.002
95	1.583	5/9/2019 13:35	16.13	3.084	7.122	0.007
96	1.600	5/9/2019 13:35	16.13	3.083	7.120	0.005
97	1.617	5/9/2019 13:36	16.13	3.083	7.120	0.005
98	1.633	5/9/2019 13:36	16.13	3.083	7.120	0.005
99	1.650	5/9/2019 13:36	16.13	3.083	7.120	0.005
100	1.667	5/9/2019 13:36	16.13	3.083	7.120	0.005

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 11:49	16.13	3.142	7.256	0.000
2	0.033	5/9/2019 11:49	16.13	2.773	6.404	0.852
3	0.050	5/9/2019 11:49	16.13	2.615	6.039	1.217
4	0.067	5/9/2019 11:49	16.13	2.871	6.630	0.626
5	0.083	5/9/2019 11:49	16.06	2.98	6.882	0.374
6	0.100	5/9/2019 11:49	16.13	3.045	7.032	0.224
7	0.117	5/9/2019 11:49	16.13	3.076	7.104	0.152
8	0.133	5/9/2019 11:49	16.13	3.092	7.141	0.115
9	0.150	5/9/2019 11:49	16.13	3.1	7.159	0.097
10	0.167	5/9/2019 11:49	16.13	3.108	7.178	0.079
11	0.183	5/9/2019 11:49	16.13	3.113	7.189	0.067
12	0.200	5/9/2019 11:49	16.13	3.117	7.199	0.058
13	0.217	5/9/2019 11:49	16.13	3.119	7.203	0.053
14	0.233	5/9/2019 11:49	16.13	3.122	7.210	0.046
15	0.250	5/9/2019 11:49	16.13	3.124	7.215	0.042
16	0.267	5/9/2019 11:49	16.13	3.126	7.219	0.037
17	0.283	5/9/2019 11:49	16.13	3.127	7.222	0.035
18	0.300	5/9/2019 11:49	16.13	3.128	7.224	0.032
19	0.317	5/9/2019 11:49	16.13	3.128	7.224	0.032
20	0.333	5/9/2019 11:49	16.13	3.129	7.226	0.030
21	0.350	5/9/2019 11:49	16.13	3.13	7.229	0.028
22	0.367	5/9/2019 11:49	16.13	3.131	7.231	0.025
23	0.383	5/9/2019 11:49	16.13	3.131	7.231	0.025
24	0.400	5/9/2019 11:49	16.13	3.132	7.233	0.023
25	0.417	5/9/2019 11:49	16.13	3.133	7.236	0.021
26	0.433	5/9/2019 11:49	16.13	3.134	7.238	0.018
27	0.450	5/9/2019 11:49	16.13	3.134	7.238	0.018
28	0.467	5/9/2019 11:49	16.13	3.134	7.238	0.018
29	0.483	5/9/2019 11:49	16.13	3.135	7.240	0.016
30	0.500	5/9/2019 11:50	16.13	3.135	7.240	0.016
31	0.517	5/9/2019 11:50	16.13	3.135	7.240	0.016
32	0.533	5/9/2019 11:50	16.13	3.136	7.242	0.014
33	0.550	5/9/2019 11:50	16.13	3.135	7.240	0.016
34	0.567	5/9/2019 11:50	16.13	3.135	7.240	0.016
35	0.583	5/9/2019 11:50	16.13	3.136	7.242	0.014
36	0.600	5/9/2019 11:50	16.13	3.136	7.242	0.014
37	0.617	5/9/2019 11:50	16.13	3.137	7.245	0.012
38	0.633	5/9/2019 11:50	16.13	3.137	7.245	0.012
39	0.650	5/9/2019 11:50	16.13	3.137	7.245	0.012
40	0.667	5/9/2019 11:50	16.13	3.138	7.247	0.009
41	0.683	5/9/2019 11:50	16.13	3.138	7.247	0.009
42	0.700	5/9/2019 11:50	16.13	3.138	7.247	0.009
43	0.717	5/9/2019 11:50	16.13	3.138	7.247	0.009
44	0.733	5/9/2019 11:50	16.13	3.138	7.247	0.009
45	0.750	5/9/2019 11:50	16.06	3.138	7.247	0.009
46	0.767	5/9/2019 11:50	16.13	3.137	7.245	0.012
47	0.783	5/9/2019 11:50	16.13	3.138	7.247	0.009
48	0.800	5/9/2019 11:50	16.13	3.139	7.249	0.007
49	0.817	5/9/2019 11:50	16.13	3.139	7.249	0.007

50	0.833	5/9/2019 11:50	16.13	3.139	7.249	0.007
51	0.850	5/9/2019 11:50	16.13	3.138	7.247	0.009
52	0.867	5/9/2019 11:50	16.13	3.139	7.249	0.007
53	0.883	5/9/2019 11:50	16.13	3.139	7.249	0.007
54	0.900	5/9/2019 11:50	16.13	3.14	7.252	0.005
55	0.917	5/9/2019 11:50	16.13	3.14	7.252	0.005
56	0.933	5/9/2019 11:50	16.13	3.14	7.252	0.005
57	0.950	5/9/2019 11:50	16.13	3.14	7.252	0.005
58	0.967	5/9/2019 11:50	16.13	3.14	7.252	0.005
59	0.983	5/9/2019 11:50	16.13	3.14	7.252	0.005
60	1.000	5/9/2019 11:50	16.13	3.14	7.252	0.005
61	1.017	5/9/2019 11:50	16.13	3.14	7.252	0.005
62	1.033	5/9/2019 11:50	16.13	3.14	7.252	0.005
63	1.050	5/9/2019 11:50	16.13	3.141	7.254	0.002
64	1.067	5/9/2019 11:50	16.13	3.141	7.254	0.002
65	1.083	5/9/2019 11:50	16.13	3.141	7.254	0.002
66	1.100	5/9/2019 11:50	16.13	3.14	7.252	0.005
67	1.117	5/9/2019 11:50	16.06	3.141	7.254	0.002
68	1.133	5/9/2019 11:50	16.13	3.14	7.252	0.005
69	1.150	5/9/2019 11:50	16.13	3.141	7.254	0.002
70	1.167	5/9/2019 11:50	16.13	3.141	7.254	0.002
71	1.183	5/9/2019 11:50	16.13	3.141	7.254	0.002
72	1.200	5/9/2019 11:50	16.13	3.141	7.254	0.002
73	1.217	5/9/2019 11:50	16.13	3.141	7.254	0.002
74	1.233	5/9/2019 11:50	16.13	3.14	7.252	0.005
75	1.250	5/9/2019 11:50	16.13	3.141	7.254	0.002
76	1.267	5/9/2019 11:50	16.13	3.14	7.252	0.005
77	1.283	5/9/2019 11:50	16.13	3.141	7.254	0.002
78	1.300	5/9/2019 11:50	16.13	3.141	7.254	0.002
79	1.317	5/9/2019 11:50	16.13	3.141	7.254	0.002
80	1.333	5/9/2019 11:50	16.13	3.141	7.254	0.002
81	1.350	5/9/2019 11:50	16.13	3.141	7.254	0.002
82	1.367	5/9/2019 11:50	16.13	3.141	7.254	0.002
83	1.383	5/9/2019 11:50	16.13	3.141	7.254	0.002
84	1.400	5/9/2019 11:50	16.13	3.141	7.254	0.002
85	1.417	5/9/2019 11:50	16.13	3.141	7.254	0.002
86	1.433	5/9/2019 11:50	16.13	3.141	7.254	0.002
87	1.450	5/9/2019 11:50	16.13	3.141	7.254	0.002
88	1.467	5/9/2019 11:50	16.13	3.14	7.252	0.005
89	1.483	5/9/2019 11:50	16.13	3.141	7.254	0.002
90	1.500	5/9/2019 11:51	16.13	3.141	7.254	0.002
91	1.517	5/9/2019 11:51	16.13	3.141	7.254	0.002
92	1.533	5/9/2019 11:51	16.13	3.141	7.254	0.002
93	1.550	5/9/2019 11:51	16.13	3.141	7.254	0.002
94	1.567	5/9/2019 11:51	16.13	3.142	7.256	0.000
95	1.583	5/9/2019 11:51	16.06	3.142	7.256	0.000
96	1.600	5/9/2019 11:51	16.13	3.142	7.256	0.000
97	1.617	5/9/2019 11:51	16.13	3.141	7.254	0.002
98	1.633	5/9/2019 11:51	16.13	3.141	7.254	0.002
99	1.650	5/9/2019 11:51	16.13	3.141	7.254	0.002
100	1.667	5/9/2019 11:51	16.13	3.141	7.254	0.002

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 14:26	16.13	3.046	7.035	0.000
2	0.033	5/9/2019 14:26	16.19	2.532	5.848	1.187
3	0.050	5/9/2019 14:26	16.19	2.563	5.919	1.115
4	0.067	5/9/2019 14:26	16.19	2.796	6.457	0.577
5	0.083	5/9/2019 14:26	16.19	2.925	6.755	0.279
6	0.100	5/9/2019 14:26	16.13	2.977	6.875	0.159
7	0.117	5/9/2019 14:26	16.13	2.998	6.924	0.111
8	0.133	5/9/2019 14:26	16.13	3.013	6.958	0.076
9	0.150	5/9/2019 14:26	16.19	3.023	6.982	0.053
10	0.167	5/9/2019 14:26	16.19	3.028	6.993	0.042
11	0.183	5/9/2019 14:26	16.19	3.031	7.000	0.035
12	0.200	5/9/2019 14:26	16.13	3.035	7.009	0.025
13	0.217	5/9/2019 14:26	16.19	3.037	7.014	0.021
14	0.233	5/9/2019 14:26	16.13	3.04	7.021	0.014
15	0.250	5/9/2019 14:26	16.13	3.042	7.025	0.009
16	0.267	5/9/2019 14:26	16.13	3.043	7.028	0.007
17	0.283	5/9/2019 14:26	16.19	3.045	7.032	0.002
18	0.300	5/9/2019 14:26	16.13	3.046	7.035	0.000
19	0.317	5/9/2019 14:26	16.19	3.048	7.039	-0.005
20	0.333	5/9/2019 14:26	16.13	3.05	7.044	-0.009
21	0.350	5/9/2019 14:26	16.13	3.05	7.044	-0.009
22	0.367	5/9/2019 14:26	16.13	3.051	7.046	-0.012
23	0.383	5/9/2019 14:26	16.13	3.052	7.048	-0.014
24	0.400	5/9/2019 14:26	16.19	3.053	7.051	-0.016
25	0.417	5/9/2019 14:26	16.13	3.053	7.051	-0.016
26	0.433	5/9/2019 14:26	16.19	3.053	7.051	-0.016
27	0.450	5/9/2019 14:26	16.19	3.055	7.055	-0.021
28	0.467	5/9/2019 14:27	16.19	3.054	7.053	-0.018
29	0.483	5/9/2019 14:27	16.13	3.054	7.053	-0.018
30	0.500	5/9/2019 14:27	16.19	3.055	7.055	-0.021
31	0.517	5/9/2019 14:27	16.13	3.055	7.055	-0.021
32	0.533	5/9/2019 14:27	16.19	3.055	7.055	-0.021
33	0.550	5/9/2019 14:27	16.19	3.056	7.058	-0.023
34	0.567	5/9/2019 14:27	16.13	3.056	7.058	-0.023
35	0.583	5/9/2019 14:27	16.19	3.056	7.058	-0.023
36	0.600	5/9/2019 14:27	16.13	3.056	7.058	-0.023
37	0.617	5/9/2019 14:27	16.13	3.055	7.055	-0.021
38	0.633	5/9/2019 14:27	16.19	3.056	7.058	-0.023
39	0.650	5/9/2019 14:27	16.19	3.056	7.058	-0.023
40	0.667	5/9/2019 14:27	16.13	3.056	7.058	-0.023
41	0.683	5/9/2019 14:27	16.19	3.056	7.058	-0.023
42	0.700	5/9/2019 14:27	16.13	3.056	7.058	-0.023
43	0.717	5/9/2019 14:27	16.13	3.056	7.058	-0.023
44	0.733	5/9/2019 14:27	16.19	3.057	7.060	-0.025
45	0.750	5/9/2019 14:27	16.19	3.056	7.058	-0.023
46	0.767	5/9/2019 14:27	16.19	3.056	7.058	-0.023
47	0.783	5/9/2019 14:27	16.13	3.057	7.060	-0.025
48	0.800	5/9/2019 14:27	16.19	3.056	7.058	-0.023
49	0.817	5/9/2019 14:27	16.13	3.056	7.058	-0.023

50	0.833	5/9/2019 14:27	16.19	3.056	7.058	-0.023
51	0.850	5/9/2019 14:27	16.19	3.056	7.058	-0.023
52	0.867	5/9/2019 14:27	16.13	3.057	7.060	-0.025
53	0.883	5/9/2019 14:27	16.19	3.056	7.058	-0.023
54	0.900	5/9/2019 14:27	16.13	3.056	7.058	-0.023
55	0.917	5/9/2019 14:27	16.19	3.056	7.058	-0.023
56	0.933	5/9/2019 14:27	16.19	3.055	7.055	-0.021
57	0.950	5/9/2019 14:27	16.13	3.056	7.058	-0.023
58	0.967	5/9/2019 14:27	16.13	3.056	7.058	-0.023
59	0.983	5/9/2019 14:27	16.19	3.056	7.058	-0.023
60	1.000	5/9/2019 14:27	16.19	3.056	7.058	-0.023
61	1.017	5/9/2019 14:27	16.13	3.056	7.058	-0.023
62	1.033	5/9/2019 14:27	16.19	3.055	7.055	-0.021
63	1.050	5/9/2019 14:27	16.13	3.055	7.055	-0.021
64	1.067	5/9/2019 14:27	16.13	3.055	7.055	-0.021
65	1.083	5/9/2019 14:27	16.19	3.055	7.055	-0.021
66	1.100	5/9/2019 14:27	16.13	3.055	7.055	-0.021
67	1.117	5/9/2019 14:27	16.13	3.055	7.055	-0.021
68	1.133	5/9/2019 14:27	16.13	3.056	7.058	-0.023
69	1.150	5/9/2019 14:27	16.19	3.055	7.055	-0.021
70	1.167	5/9/2019 14:27	16.19	3.056	7.058	-0.023
71	1.183	5/9/2019 14:27	16.19	3.056	7.058	-0.023
72	1.200	5/9/2019 14:27	16.13	3.055	7.055	-0.021
73	1.217	5/9/2019 14:27	16.19	3.056	7.058	-0.023
74	1.233	5/9/2019 14:27	16.13	3.056	7.058	-0.023
75	1.250	5/9/2019 14:27	16.19	3.055	7.055	-0.021
76	1.267	5/9/2019 14:27	16.19	3.055	7.055	-0.021
77	1.283	5/9/2019 14:27	16.19	3.055	7.055	-0.021
78	1.300	5/9/2019 14:27	16.13	3.055	7.055	-0.021
79	1.317	5/9/2019 14:27	16.13	3.055	7.055	-0.021
80	1.333	5/9/2019 14:27	16.13	3.055	7.055	-0.021
81	1.350	5/9/2019 14:27	16.13	3.055	7.055	-0.021
82	1.367	5/9/2019 14:27	16.19	3.055	7.055	-0.021
83	1.383	5/9/2019 14:27	16.13	3.056	7.058	-0.023
84	1.400	5/9/2019 14:27	16.13	3.056	7.058	-0.023
85	1.417	5/9/2019 14:27	16.19	3.055	7.055	-0.021
86	1.433	5/9/2019 14:27	16.19	3.056	7.058	-0.023
87	1.450	5/9/2019 14:27	16.13	3.056	7.058	-0.023
88	1.467	5/9/2019 14:28	16.13	3.056	7.058	-0.023
89	1.483	5/9/2019 14:28	16.13	3.055	7.055	-0.021
90	1.500	5/9/2019 14:28	16.19	3.056	7.058	-0.023
91	1.517	5/9/2019 14:28	16.13	3.056	7.058	-0.023
92	1.533	5/9/2019 14:28	16.13	3.056	7.058	-0.023
93	1.550	5/9/2019 14:28	16.19	3.055	7.055	-0.021
94	1.567	5/9/2019 14:28	16.19	3.055	7.055	-0.021
95	1.583	5/9/2019 14:28	16.19	3.055	7.055	-0.021
96	1.600	5/9/2019 14:28	16.13	3.055	7.055	-0.021
97	1.617	5/9/2019 14:28	16.19	3.054	7.053	-0.018
98	1.633	5/9/2019 14:28	16.13	3.055	7.055	-0.021
99	1.650	5/9/2019 14:28	16.19	3.055	7.055	-0.021
100	1.667	5/9/2019 14:28	16.13	3.056	7.058	-0.023

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 15:34	16.19	3.08	7.113	0.000
2	0.033	5/9/2019 15:34	16.19	3.094	7.145	0.032
3	0.050	5/9/2019 15:34	16.19	3.487	8.053	0.940
4	0.067	5/9/2019 15:34	16.19	3.583	8.275	1.162
5	0.083	5/9/2019 15:34	16.19	3.227	7.453	0.339
6	0.100	5/9/2019 15:34	16.25	3.241	7.485	0.372
7	0.117	5/9/2019 15:34	16.25	3.227	7.453	0.339
8	0.133	5/9/2019 15:34	16.19	3.217	7.430	0.316
9	0.150	5/9/2019 15:34	16.25	3.206	7.404	0.291
10	0.167	5/9/2019 15:34	16.25	3.2	7.390	0.277
11	0.183	5/9/2019 15:34	16.25	3.193	7.374	0.261
12	0.200	5/9/2019 15:34	16.25	3.186	7.358	0.245
13	0.217	5/9/2019 15:34	16.25	3.183	7.351	0.238
14	0.233	5/9/2019 15:34	16.25	3.176	7.335	0.222
15	0.250	5/9/2019 15:34	16.25	3.172	7.326	0.212
16	0.267	5/9/2019 15:34	16.25	3.169	7.319	0.206
17	0.283	5/9/2019 15:34	16.25	3.165	7.309	0.196
18	0.300	5/9/2019 15:34	16.25	3.165	7.309	0.196
19	0.317	5/9/2019 15:34	16.25	3.162	7.303	0.189
20	0.333	5/9/2019 15:34	16.25	3.159	7.296	0.182
21	0.350	5/9/2019 15:34	16.25	3.155	7.286	0.173
22	0.367	5/9/2019 15:34	16.25	3.152	7.279	0.166
23	0.383	5/9/2019 15:34	16.25	3.152	7.279	0.166
24	0.400	5/9/2019 15:34	16.25	3.148	7.270	0.157
25	0.417	5/9/2019 15:34	16.25	3.148	7.270	0.157
26	0.433	5/9/2019 15:34	16.25	3.145	7.263	0.150
27	0.450	5/9/2019 15:35	16.25	3.145	7.263	0.150
28	0.467	5/9/2019 15:35	16.25	3.145	7.263	0.150
29	0.483	5/9/2019 15:35	16.25	3.141	7.254	0.141
30	0.500	5/9/2019 15:35	16.25	3.141	7.254	0.141
31	0.517	5/9/2019 15:35	16.25	3.138	7.247	0.134
32	0.533	5/9/2019 15:35	16.25	3.138	7.247	0.134
33	0.550	5/9/2019 15:35	16.25	3.138	7.247	0.134
34	0.567	5/9/2019 15:35	16.25	3.135	7.240	0.127
35	0.583	5/9/2019 15:35	16.25	3.135	7.240	0.127
36	0.600	5/9/2019 15:35	16.31	3.135	7.240	0.127
37	0.617	5/9/2019 15:35	16.25	3.135	7.240	0.127
38	0.633	5/9/2019 15:35	16.25	3.131	7.231	0.118
39	0.650	5/9/2019 15:35	16.25	3.131	7.231	0.118
40	0.667	5/9/2019 15:35	16.25	3.128	7.224	0.111
41	0.683	5/9/2019 15:35	16.31	3.128	7.224	0.111
42	0.700	5/9/2019 15:35	16.31	3.128	7.224	0.111
43	0.717	5/9/2019 15:35	16.25	3.128	7.224	0.111
44	0.733	5/9/2019 15:35	16.31	3.124	7.215	0.102
45	0.750	5/9/2019 15:35	16.31	3.124	7.215	0.102
46	0.767	5/9/2019 15:35	16.31	3.124	7.215	0.102
47	0.783	5/9/2019 15:35	16.31	3.124	7.215	0.102
48	0.800	5/9/2019 15:35	16.31	3.121	7.208	0.095
49	0.817	5/9/2019 15:35	16.31	3.121	7.208	0.095

50	0.833	5/9/2019 15:35	16.31	3.121	7.208	0.095
51	0.850	5/9/2019 15:35	16.31	3.121	7.208	0.095
52	0.867	5/9/2019 15:35	16.31	3.117	7.199	0.085
53	0.883	5/9/2019 15:35	16.31	3.117	7.199	0.085
54	0.900	5/9/2019 15:35	16.31	3.117	7.199	0.085
55	0.917	5/9/2019 15:35	16.31	3.117	7.199	0.085
56	0.933	5/9/2019 15:35	16.31	3.117	7.199	0.085
57	0.950	5/9/2019 15:35	16.31	3.114	7.192	0.079
58	0.967	5/9/2019 15:35	16.31	3.114	7.192	0.079
59	0.983	5/9/2019 15:35	16.31	3.114	7.192	0.079
60	1.000	5/9/2019 15:35	16.31	3.114	7.192	0.079
61	1.017	5/9/2019 15:35	16.31	3.114	7.192	0.079
62	1.033	5/9/2019 15:35	16.31	3.111	7.185	0.072
63	1.050	5/9/2019 15:35	16.31	3.111	7.185	0.072
64	1.067	5/9/2019 15:35	16.31	3.111	7.185	0.072
65	1.083	5/9/2019 15:35	16.31	3.111	7.185	0.072
66	1.100	5/9/2019 15:35	16.31	3.111	7.185	0.072
67	1.117	5/9/2019 15:35	16.38	3.111	7.185	0.072
68	1.133	5/9/2019 15:35	16.31	3.111	7.185	0.072
69	1.150	5/9/2019 15:35	16.31	3.107	7.176	0.062
70	1.167	5/9/2019 15:35	16.31	3.107	7.176	0.062
71	1.183	5/9/2019 15:35	16.31	3.107	7.176	0.062
72	1.200	5/9/2019 15:35	16.38	3.107	7.176	0.062
73	1.217	5/9/2019 15:35	16.31	3.107	7.176	0.062
74	1.233	5/9/2019 15:35	16.38	3.107	7.176	0.062
75	1.250	5/9/2019 15:35	16.38	3.104	7.169	0.055
76	1.267	5/9/2019 15:35	16.38	3.104	7.169	0.055
77	1.283	5/9/2019 15:35	16.38	3.104	7.169	0.055
78	1.300	5/9/2019 15:35	16.31	3.104	7.169	0.055
79	1.317	5/9/2019 15:35	16.38	3.104	7.169	0.055
80	1.333	5/9/2019 15:35	16.38	3.104	7.169	0.055
81	1.350	5/9/2019 15:35	16.38	3.104	7.169	0.055
82	1.367	5/9/2019 15:35	16.38	3.104	7.169	0.055
83	1.383	5/9/2019 15:35	16.38	3.104	7.169	0.055
84	1.400	5/9/2019 15:35	16.38	3.1	7.159	0.046
85	1.417	5/9/2019 15:35	16.38	3.1	7.159	0.046
86	1.433	5/9/2019 15:35	16.38	3.104	7.169	0.055
87	1.450	5/9/2019 15:36	16.38	3.104	7.169	0.055
88	1.467	5/9/2019 15:36	16.38	3.1	7.159	0.046
89	1.483	5/9/2019 15:36	16.38	3.1	7.159	0.046
90	1.500	5/9/2019 15:36	16.38	3.1	7.159	0.046
91	1.517	5/9/2019 15:36	16.38	3.1	7.159	0.046
92	1.533	5/9/2019 15:36	16.38	3.1	7.159	0.046
93	1.550	5/9/2019 15:36	16.38	3.1	7.159	0.046
94	1.567	5/9/2019 15:36	16.38	3.1	7.159	0.046
95	1.583	5/9/2019 15:36	16.38	3.1	7.159	0.046
96	1.600	5/9/2019 15:36	16.38	3.1	7.159	0.046
97	1.617	5/9/2019 15:36	16.38	3.1	7.159	0.046
98	1.633	5/9/2019 15:36	16.38	3.1	7.159	0.046
99	1.650	5/9/2019 15:36	16.38	3.1	7.159	0.046
100	1.667	5/9/2019 15:36	16.38	3.097	7.152	0.039

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 16:44	16.56	3.528	8.148	0.000
2	0.033	5/9/2019 16:44	16.56	3.367	7.776	0.372
3	0.050	5/9/2019 16:44	16.56	3.035	7.009	1.139
4	0.067	5/9/2019 16:44	16.56	2.933	6.774	1.374
5	0.083	5/9/2019 16:44	16.56	3.004	6.938	1.210
6	0.100	5/9/2019 16:44	16.56	3.111	7.185	0.963
7	0.117	5/9/2019 16:44	16.56	3.206	7.404	0.744
8	0.133	5/9/2019 16:44	16.56	3.285	7.587	0.561
9	0.150	5/9/2019 16:44	16.56	3.347	7.730	0.418
10	0.167	5/9/2019 16:44	16.56	3.391	7.831	0.316
11	0.183	5/9/2019 16:44	16.56	3.415	7.887	0.261
12	0.200	5/9/2019 16:44	16.56	3.436	7.935	0.212
13	0.217	5/9/2019 16:44	16.56	3.446	7.958	0.189
14	0.233	5/9/2019 16:44	16.56	3.453	7.975	0.173
15	0.250	5/9/2019 16:44	16.56	3.46	7.991	0.157
16	0.267	5/9/2019 16:44	16.56	3.463	7.998	0.150
17	0.283	5/9/2019 16:44	16.56	3.47	8.014	0.134
18	0.300	5/9/2019 16:44	16.56	3.47	8.014	0.134
19	0.317	5/9/2019 16:44	16.56	3.473	8.021	0.127
20	0.333	5/9/2019 16:44	16.56	3.477	8.030	0.118
21	0.350	5/9/2019 16:44	16.56	3.48	8.037	0.111
22	0.367	5/9/2019 16:44	16.56	3.48	8.037	0.111
23	0.383	5/9/2019 16:44	16.56	3.484	8.046	0.102
24	0.400	5/9/2019 16:44	16.56	3.487	8.053	0.095
25	0.417	5/9/2019 16:44	16.56	3.487	8.053	0.095
26	0.433	5/9/2019 16:44	16.56	3.487	8.053	0.095
27	0.450	5/9/2019 16:44	16.56	3.49	8.060	0.088
28	0.467	5/9/2019 16:44	16.56	3.49	8.060	0.088
29	0.483	5/9/2019 16:44	16.56	3.494	8.069	0.079
30	0.500	5/9/2019 16:44	16.56	3.494	8.069	0.079
31	0.517	5/9/2019 16:44	16.56	3.497	8.076	0.072
32	0.533	5/9/2019 16:44	16.56	3.497	8.076	0.072
33	0.550	5/9/2019 16:44	16.56	3.501	8.085	0.062
34	0.567	5/9/2019 16:44	16.56	3.501	8.085	0.062
35	0.583	5/9/2019 16:44	16.56	3.501	8.085	0.062
36	0.600	5/9/2019 16:45	16.56	3.501	8.085	0.062
37	0.617	5/9/2019 16:45	16.56	3.504	8.092	0.055
38	0.633	5/9/2019 16:45	16.56	3.504	8.092	0.055
39	0.650	5/9/2019 16:45	16.56	3.504	8.092	0.055
40	0.667	5/9/2019 16:45	16.56	3.508	8.102	0.046
41	0.683	5/9/2019 16:45	16.56	3.508	8.102	0.046
42	0.700	5/9/2019 16:45	16.56	3.508	8.102	0.046
43	0.717	5/9/2019 16:45	16.56	3.508	8.102	0.046
44	0.733	5/9/2019 16:45	16.56	3.511	8.109	0.039
45	0.750	5/9/2019 16:45	16.56	3.511	8.109	0.039
46	0.767	5/9/2019 16:45	16.56	3.511	8.109	0.039
47	0.783	5/9/2019 16:45	16.56	3.511	8.109	0.039
48	0.800	5/9/2019 16:45	16.56	3.511	8.109	0.039
49	0.817	5/9/2019 16:45	16.56	3.511	8.109	0.039

50	0.833	5/9/2019 16:45	16.56	3.514	8.115	0.032
51	0.850	5/9/2019 16:45	16.56	3.514	8.115	0.032
52	0.867	5/9/2019 16:45	16.56	3.514	8.115	0.032
53	0.883	5/9/2019 16:45	16.56	3.514	8.115	0.032
54	0.900	5/9/2019 16:45	16.56	3.514	8.115	0.032
55	0.917	5/9/2019 16:45	16.56	3.514	8.115	0.032
56	0.933	5/9/2019 16:45	16.56	3.518	8.125	0.023
57	0.950	5/9/2019 16:45	16.56	3.518	8.125	0.023
58	0.967	5/9/2019 16:45	16.56	3.518	8.125	0.023
59	0.983	5/9/2019 16:45	16.56	3.518	8.125	0.023
60	1.000	5/9/2019 16:45	16.56	3.518	8.125	0.023
61	1.017	5/9/2019 16:45	16.56	3.518	8.125	0.023
62	1.033	5/9/2019 16:45	16.56	3.518	8.125	0.023
63	1.050	5/9/2019 16:45	16.56	3.518	8.125	0.023
64	1.067	5/9/2019 16:45	16.56	3.521	8.132	0.016
65	1.083	5/9/2019 16:45	16.56	3.521	8.132	0.016
66	1.100	5/9/2019 16:45	16.56	3.521	8.132	0.016
67	1.117	5/9/2019 16:45	16.56	3.521	8.132	0.016
68	1.133	5/9/2019 16:45	16.5	3.521	8.132	0.016
69	1.150	5/9/2019 16:45	16.56	3.521	8.132	0.016
70	1.167	5/9/2019 16:45	16.56	3.521	8.132	0.016
71	1.183	5/9/2019 16:45	16.56	3.521	8.132	0.016
72	1.200	5/9/2019 16:45	16.56	3.521	8.132	0.016
73	1.217	5/9/2019 16:45	16.56	3.521	8.132	0.016
74	1.233	5/9/2019 16:45	16.56	3.525	8.141	0.007
75	1.250	5/9/2019 16:45	16.56	3.525	8.141	0.007
76	1.267	5/9/2019 16:45	16.56	3.525	8.141	0.007
77	1.283	5/9/2019 16:45	16.56	3.525	8.141	0.007
78	1.300	5/9/2019 16:45	16.56	3.525	8.141	0.007
79	1.317	5/9/2019 16:45	16.56	3.525	8.141	0.007
80	1.333	5/9/2019 16:45	16.56	3.525	8.141	0.007
81	1.350	5/9/2019 16:45	16.56	3.525	8.141	0.007
82	1.367	5/9/2019 16:45	16.56	3.525	8.141	0.007
83	1.383	5/9/2019 16:45	16.56	3.525	8.141	0.007
84	1.400	5/9/2019 16:45	16.56	3.525	8.141	0.007
85	1.417	5/9/2019 16:45	16.56	3.525	8.141	0.007
86	1.433	5/9/2019 16:45	16.56	3.528	8.148	0.000
87	1.450	5/9/2019 16:45	16.56	3.528	8.148	0.000
88	1.467	5/9/2019 16:45	16.5	3.528	8.148	0.000
89	1.483	5/9/2019 16:45	16.56	3.528	8.148	0.000
90	1.500	5/9/2019 16:45	16.56	3.528	8.148	0.000
91	1.517	5/9/2019 16:45	16.56	3.528	8.148	0.000
92	1.533	5/9/2019 16:45	16.56	3.528	8.148	0.000
93	1.550	5/9/2019 16:45	16.56	3.528	8.148	0.000
94	1.567	5/9/2019 16:45	16.5	3.528	8.148	0.000
95	1.583	5/9/2019 16:45	16.56	3.528	8.148	0.000
96	1.600	5/9/2019 16:46	16.56	3.528	8.148	0.000
97	1.617	5/9/2019 16:46	16.56	3.528	8.148	0.000
98	1.633	5/9/2019 16:46	16.56	3.528	8.148	0.000
99	1.650	5/9/2019 16:46	16.56	3.528	8.148	0.000
100	1.667	5/9/2019 16:46	16.56	3.528	8.148	0.000

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 9:31	16.81	4.503	10.400	0.000
2	0.033	5/9/2019 9:31	16.81	4.948	11.427	1.028
3	0.050	5/9/2019 9:31	16.81	5.283	12.201	1.801
4	0.067	5/9/2019 9:31	16.81	5.174	11.949	1.550
5	0.083	5/9/2019 9:32	16.81	5.068	11.704	1.305
6	0.100	5/9/2019 9:32	16.81	4.962	11.460	1.060
7	0.117	5/9/2019 9:32	16.81	4.794	11.072	0.672
8	0.133	5/9/2019 9:32	16.81	4.859	11.222	0.822
9	0.150	5/9/2019 9:32	16.81	4.849	11.199	0.799
10	0.167	5/9/2019 9:32	16.81	4.839	11.176	0.776
11	0.183	5/9/2019 9:32	16.81	4.828	11.150	0.751
12	0.200	5/9/2019 9:32	16.81	4.818	11.127	0.727
13	0.217	5/9/2019 9:32	16.88	4.811	11.111	0.711
14	0.233	5/9/2019 9:32	16.81	4.801	11.088	0.688
15	0.250	5/9/2019 9:32	16.81	4.794	11.072	0.672
16	0.267	5/9/2019 9:32	16.81	4.791	11.065	0.665
17	0.283	5/9/2019 9:32	16.88	4.784	11.048	0.649
18	0.300	5/9/2019 9:32	16.81	4.777	11.032	0.633
19	0.317	5/9/2019 9:32	16.81	4.774	11.025	0.626
20	0.333	5/9/2019 9:32	16.81	4.767	11.009	0.610
21	0.350	5/9/2019 9:32	16.81	4.763	11.000	0.600
22	0.367	5/9/2019 9:32	16.88	4.756	10.984	0.584
23	0.383	5/9/2019 9:32	16.88	4.753	10.977	0.577
24	0.400	5/9/2019 9:32	16.88	4.746	10.961	0.561
25	0.417	5/9/2019 9:32	16.88	4.743	10.954	0.554
26	0.433	5/9/2019 9:32	16.88	4.739	10.945	0.545
27	0.450	5/9/2019 9:32	16.88	4.736	10.938	0.538
28	0.467	5/9/2019 9:32	16.88	4.732	10.928	0.529
29	0.483	5/9/2019 9:32	16.88	4.726	10.915	0.515
30	0.500	5/9/2019 9:32	16.88	4.722	10.905	0.506
31	0.517	5/9/2019 9:32	16.88	4.719	10.898	0.499
32	0.533	5/9/2019 9:32	16.88	4.715	10.889	0.490
33	0.550	5/9/2019 9:32	16.88	4.708	10.873	0.473
34	0.567	5/9/2019 9:32	16.88	4.705	10.866	0.467
35	0.583	5/9/2019 9:32	16.81	4.702	10.859	0.460
36	0.600	5/9/2019 9:32	16.88	4.698	10.850	0.450
37	0.617	5/9/2019 9:32	16.88	4.695	10.843	0.443
38	0.633	5/9/2019 9:32	16.88	4.691	10.834	0.434
39	0.650	5/9/2019 9:32	16.88	4.688	10.827	0.427
40	0.667	5/9/2019 9:32	16.88	4.685	10.820	0.420
41	0.683	5/9/2019 9:32	16.88	4.681	10.811	0.411
42	0.700	5/9/2019 9:32	16.88	4.678	10.804	0.404
43	0.717	5/9/2019 9:32	16.88	4.674	10.794	0.395
44	0.733	5/9/2019 9:32	16.88	4.671	10.788	0.388
45	0.750	5/9/2019 9:32	16.88	4.671	10.788	0.388
46	0.767	5/9/2019 9:32	16.81	4.664	10.771	0.372
47	0.783	5/9/2019 9:32	16.88	4.664	10.771	0.372
48	0.800	5/9/2019 9:32	16.88	4.657	10.755	0.356
49	0.817	5/9/2019 9:32	16.88	4.657	10.755	0.356
50	0.833	5/9/2019 9:32	16.88	4.654	10.748	0.349
51	0.850	5/9/2019 9:32	16.88	4.65	10.739	0.339
52	0.867	5/9/2019 9:32	16.88	4.647	10.732	0.333
53	0.883	5/9/2019 9:32	16.88	4.647	10.732	0.333
54	0.900	5/9/2019 9:32	16.88	4.643	10.723	0.323
55	0.917	5/9/2019 9:32	16.88	4.64	10.716	0.316
56	0.933	5/9/2019 9:32	16.88	4.637	10.709	0.309
57	0.950	5/9/2019 9:32	16.88	4.633	10.700	0.300
58	0.967	5/9/2019 9:32	16.88	4.633	10.700	0.300
59	0.983	5/9/2019 9:32	16.88	4.63	10.693	0.293
60	1.000	5/9/2019 9:32	16.88	4.626	10.684	0.284
61	1.017	5/9/2019 9:32	16.88	4.623	10.677	0.277
62	1.033	5/9/2019 9:32	16.88	4.623	10.677	0.277
63	1.050	5/9/2019 9:32	16.88	4.62	10.670	0.270
64	1.067	5/9/2019 9:32	16.88	4.616	10.661	0.261
65	1.083	5/9/2019 9:33	16.88	4.616	10.661	0.261

66	1.100	5/9/2019 9:33	16.88	4.613	10.654	0.254
67	1.117	5/9/2019 9:33	16.88	4.609	10.644	0.245
68	1.133	5/9/2019 9:33	16.88	4.609	10.644	0.245
69	1.150	5/9/2019 9:33	16.88	4.606	10.637	0.238
70	1.167	5/9/2019 9:33	16.88	4.606	10.637	0.238
71	1.183	5/9/2019 9:33	16.88	4.602	10.628	0.229
72	1.200	5/9/2019 9:33	16.88	4.602	10.628	0.229
73	1.217	5/9/2019 9:33	16.88	4.599	10.621	0.222
74	1.233	5/9/2019 9:33	16.88	4.596	10.614	0.215
75	1.250	5/9/2019 9:33	16.88	4.596	10.614	0.215
76	1.267	5/9/2019 9:33	16.88	4.592	10.605	0.206
77	1.283	5/9/2019 9:33	16.88	4.592	10.605	0.206
78	1.300	5/9/2019 9:33	16.88	4.589	10.598	0.199
79	1.317	5/9/2019 9:33	16.88	4.585	10.589	0.189
80	1.333	5/9/2019 9:33	16.88	4.585	10.589	0.189
81	1.350	5/9/2019 9:33	16.88	4.585	10.589	0.189
82	1.367	5/9/2019 9:33	16.88	4.582	10.582	0.182
83	1.383	5/9/2019 9:33	16.88	4.582	10.582	0.182
84	1.400	5/9/2019 9:33	16.88	4.578	10.573	0.173
85	1.417	5/9/2019 9:33	16.88	4.578	10.573	0.173
86	1.433	5/9/2019 9:33	16.88	4.575	10.566	0.166
87	1.450	5/9/2019 9:33	16.88	4.575	10.566	0.166
88	1.467	5/9/2019 9:33	16.88	4.575	10.566	0.166
89	1.483	5/9/2019 9:33	16.88	4.572	10.559	0.159
90	1.500	5/9/2019 9:33	16.88	4.572	10.559	0.159
91	1.517	5/9/2019 9:33	16.88	4.568	10.550	0.150
92	1.533	5/9/2019 9:33	16.88	4.568	10.550	0.150
93	1.550	5/9/2019 9:33	16.88	4.568	10.550	0.150
94	1.567	5/9/2019 9:33	16.88	4.565	10.543	0.143
95	1.583	5/9/2019 9:33	16.88	4.565	10.543	0.143
96	1.600	5/9/2019 9:33	16.88	4.561	10.533	0.134
97	1.617	5/9/2019 9:33	16.88	4.561	10.533	0.134
98	1.633	5/9/2019 9:33	16.88	4.561	10.533	0.134
99	1.650	5/9/2019 9:33	16.88	4.558	10.527	0.127
100	1.667	5/9/2019 9:33	16.88	4.558	10.527	0.127
101	1.683	5/9/2019 9:33	16.88	4.555	10.520	0.120
102	1.700	5/9/2019 9:33	16.88	4.551	10.510	0.111
103	1.717	5/9/2019 9:33	16.88	4.551	10.510	0.111
104	1.733	5/9/2019 9:33	16.88	4.551	10.510	0.111
105	1.750	5/9/2019 9:33	16.88	4.548	10.503	0.104
106	1.767	5/9/2019 9:33	16.88	4.548	10.503	0.104
107	1.783	5/9/2019 9:33	16.88	4.548	10.503	0.104
108	1.800	5/9/2019 9:33	16.88	4.544	10.494	0.095
109	1.817	5/9/2019 9:33	16.88	4.544	10.494	0.095
110	1.833	5/9/2019 9:33	16.88	4.541	10.487	0.088
111	1.850	5/9/2019 9:33	16.88	4.541	10.487	0.088
112	1.867	5/9/2019 9:33	16.88	4.541	10.487	0.088
113	1.883	5/9/2019 9:33	16.88	4.537	10.478	0.079
114	1.900	5/9/2019 9:33	16.88	4.537	10.478	0.079
115	1.917	5/9/2019 9:33	16.88	4.537	10.478	0.079
116	1.933	5/9/2019 9:33	16.94	4.534	10.471	0.072
117	1.950	5/9/2019 9:33	16.88	4.534	10.471	0.072
118	1.967	5/9/2019 9:33	16.88	4.534	10.471	0.072
119	1.983	5/9/2019 9:33	16.88	4.531	10.464	0.065
120	2.000	5/9/2019 9:33	16.88	4.531	10.464	0.065
121	2.017	5/9/2019 9:33	16.88	4.531	10.464	0.065
122	2.033	5/9/2019 9:33	16.88	4.531	10.464	0.065
123	2.050	5/9/2019 9:33	16.88	4.527	10.455	0.055
124	2.067	5/9/2019 9:34	16.88	4.527	10.455	0.055
125	2.083	5/9/2019 9:34	16.88	4.527	10.455	0.055
126	2.100	5/9/2019 9:34	16.88	4.524	10.448	0.048
127	2.117	5/9/2019 9:34	16.88	4.524	10.448	0.048
128	2.133	5/9/2019 9:34	16.88	4.524	10.448	0.048
129	2.150	5/9/2019 9:34	16.88	4.52	10.439	0.039
130	2.167	5/9/2019 9:34	16.88	4.52	10.439	0.039
131	2.183	5/9/2019 9:34	16.88	4.52	10.439	0.039
132	2.200	5/9/2019 9:34	16.88	4.52	10.439	0.039
133	2.217	5/9/2019 9:34	16.88	4.517	10.432	0.032

134	2.233	5/9/2019 9:34	16.94	4.517	10.432	0.032
135	2.250	5/9/2019 9:34	16.88	4.517	10.432	0.032
136	2.267	5/9/2019 9:34	16.88	4.517	10.432	0.032
137	2.283	5/9/2019 9:34	16.88	4.517	10.432	0.032
138	2.300	5/9/2019 9:34	16.88	4.513	10.423	0.023
139	2.317	5/9/2019 9:34	16.88	4.513	10.423	0.023
140	2.333	5/9/2019 9:34	16.88	4.513	10.423	0.023
141	2.350	5/9/2019 9:34	16.88	4.513	10.423	0.023
142	2.367	5/9/2019 9:34	16.88	4.51	10.416	0.016
143	2.383	5/9/2019 9:34	16.88	4.51	10.416	0.016
144	2.400	5/9/2019 9:34	16.88	4.51	10.416	0.016
145	2.417	5/9/2019 9:34	16.88	4.51	10.416	0.016
146	2.433	5/9/2019 9:34	16.88	4.51	10.416	0.016
147	2.450	5/9/2019 9:34	16.88	4.51	10.416	0.016
148	2.467	5/9/2019 9:34	16.88	4.507	10.409	0.009
149	2.483	5/9/2019 9:34	16.88	4.507	10.409	0.009
150	2.500	5/9/2019 9:34	16.88	4.507	10.409	0.009
151	2.517	5/9/2019 9:34	16.88	4.507	10.409	0.009
152	2.533	5/9/2019 9:34	16.88	4.507	10.409	0.009
153	2.550	5/9/2019 9:34	16.88	4.503	10.400	0.000
154	2.567	5/9/2019 9:34	16.88	4.503	10.400	0.000
155	2.583	5/9/2019 9:34	16.88	4.503	10.400	0.000
156	2.600	5/9/2019 9:34	16.88	4.503	10.400	0.000
157	2.617	5/9/2019 9:34	16.88	4.503	10.400	0.000
158	2.633	5/9/2019 9:34	16.88	4.503	10.400	0.000
159	2.650	5/9/2019 9:34	16.88	4.5	10.393	-0.007
160	2.667	5/9/2019 9:34	16.88	4.5	10.393	-0.007
161	2.683	5/9/2019 9:34	16.88	4.5	10.393	-0.007
162	2.700	5/9/2019 9:34	16.88	4.5	10.393	-0.007
163	2.717	5/9/2019 9:34	16.94	4.5	10.393	-0.007
164	2.733	5/9/2019 9:34	16.88	4.496	10.383	-0.016
165	2.750	5/9/2019 9:34	16.88	4.496	10.383	-0.016
166	2.767	5/9/2019 9:34	16.88	4.496	10.383	-0.016
167	2.783	5/9/2019 9:34	16.88	4.496	10.383	-0.016
168	2.800	5/9/2019 9:34	16.88	4.496	10.383	-0.016
169	2.817	5/9/2019 9:34	16.88	4.496	10.383	-0.016
170	2.833	5/9/2019 9:34	16.88	4.493	10.376	-0.023
171	2.850	5/9/2019 9:34	16.94	4.493	10.376	-0.023
172	2.867	5/9/2019 9:34	16.88	4.493	10.376	-0.023
173	2.883	5/9/2019 9:34	16.88	4.493	10.376	-0.023
174	2.900	5/9/2019 9:34	16.94	4.493	10.376	-0.023
175	2.917	5/9/2019 9:34	16.88	4.493	10.376	-0.023
176	2.933	5/9/2019 9:34	16.88	4.489	10.367	-0.032
177	2.950	5/9/2019 9:34	16.88	4.489	10.367	-0.032
178	2.967	5/9/2019 9:34	16.88	4.489	10.367	-0.032
179	2.983	5/9/2019 9:34	16.88	4.489	10.367	-0.032
180	3.000	5/9/2019 9:34	16.88	4.489	10.367	-0.032
181	3.017	5/9/2019 9:34	16.88	4.486	10.360	-0.039
182	3.033	5/9/2019 9:34	16.88	4.486	10.360	-0.039
183	3.050	5/9/2019 9:34	16.94	4.486	10.360	-0.039
184	3.067	5/9/2019 9:35	16.94	4.486	10.360	-0.039
185	3.083	5/9/2019 9:35	16.88	4.486	10.360	-0.039
186	3.100	5/9/2019 9:35	16.88	4.486	10.360	-0.039
187	3.117	5/9/2019 9:35	16.88	4.486	10.360	-0.039
188	3.133	5/9/2019 9:35	16.88	4.486	10.360	-0.039
189	3.150	5/9/2019 9:35	16.88	4.483	10.353	-0.046
190	3.167	5/9/2019 9:35	16.88	4.483	10.353	-0.046
191	3.183	5/9/2019 9:35	16.88	4.483	10.353	-0.046
192	3.200	5/9/2019 9:35	16.94	4.483	10.353	-0.046
193	3.217	5/9/2019 9:35	16.88	4.483	10.353	-0.046
194	3.233	5/9/2019 9:35	16.88	4.483	10.353	-0.046
195	3.250	5/9/2019 9:35	16.88	4.479	10.344	-0.055
196	3.267	5/9/2019 9:35	16.88	4.479	10.344	-0.055
197	3.283	5/9/2019 9:35	16.94	4.479	10.344	-0.055
198	3.300	5/9/2019 9:35	16.88	4.479	10.344	-0.055
199	3.317	5/9/2019 9:35	16.94	4.479	10.344	-0.055
200	3.333	5/9/2019 9:35	16.88	4.479	10.344	-0.055

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 13:36	16.94	3.915	9.042	0.000
2	0.033	5/9/2019 13:36	16.94	4.031	9.309	0.268
3	0.050	5/9/2019 13:36	16.88	4.647	10.732	1.691
4	0.067	5/9/2019 13:36	16.94	4.876	11.261	2.219
5	0.083	5/9/2019 13:36	16.94	4.684	10.818	1.776
6	0.100	5/9/2019 13:36	16.88	4.62	10.670	1.628
7	0.117	5/9/2019 13:36	16.88	4.585	10.589	1.547
8	0.133	5/9/2019 13:36	16.94	4.561	10.533	1.492
9	0.150	5/9/2019 13:36	16.88	4.496	10.383	1.342
10	0.167	5/9/2019 13:36	16.88	4.489	10.367	1.326
11	0.183	5/9/2019 13:36	16.88	4.472	10.328	1.286
12	0.200	5/9/2019 13:36	16.88	4.455	10.289	1.247
13	0.217	5/9/2019 13:36	16.88	4.438	10.249	1.208
14	0.233	5/9/2019 13:36	16.88	4.424	10.217	1.176
15	0.250	5/9/2019 13:36	16.88	4.411	10.187	1.145
16	0.267	5/9/2019 13:36	16.88	4.397	10.155	1.113
17	0.283	5/9/2019 13:36	16.94	4.383	10.122	1.081
18	0.300	5/9/2019 13:36	16.88	4.373	10.099	1.058
19	0.317	5/9/2019 13:36	16.88	4.359	10.067	1.025
20	0.333	5/9/2019 13:36	16.88	4.349	10.044	1.002
21	0.350	5/9/2019 13:36	16.94	4.339	10.021	0.979
22	0.367	5/9/2019 13:36	16.88	4.329	9.998	0.956
23	0.383	5/9/2019 13:36	16.88	4.318	9.972	0.931
24	0.400	5/9/2019 13:36	16.88	4.308	9.949	0.908
25	0.417	5/9/2019 13:36	16.88	4.298	9.926	0.885
26	0.433	5/9/2019 13:36	16.94	4.291	9.910	0.868
27	0.450	5/9/2019 13:36	16.94	4.281	9.887	0.845
28	0.467	5/9/2019 13:36	16.88	4.27	9.861	0.820
29	0.483	5/9/2019 13:36	16.88	4.264	9.848	0.806
30	0.500	5/9/2019 13:36	16.88	4.253	9.822	0.781
31	0.517	5/9/2019 13:36	16.94	4.246	9.806	0.764
32	0.533	5/9/2019 13:36	16.88	4.24	9.792	0.751
33	0.550	5/9/2019 13:36	16.88	4.233	9.776	0.734
34	0.567	5/9/2019 13:36	16.94	4.226	9.760	0.718
35	0.583	5/9/2019 13:36	16.88	4.219	9.744	0.702
36	0.600	5/9/2019 13:36	16.88	4.212	9.727	0.686
37	0.617	5/9/2019 13:36	16.88	4.205	9.711	0.670
38	0.633	5/9/2019 13:36	16.88	4.199	9.697	0.656
39	0.650	5/9/2019 13:36	16.88	4.192	9.681	0.640
40	0.667	5/9/2019 13:36	16.88	4.185	9.665	0.624
41	0.683	5/9/2019 13:36	16.88	4.178	9.649	0.607
42	0.700	5/9/2019 13:36	16.88	4.175	9.642	0.600
43	0.717	5/9/2019 13:36	16.94	4.168	9.626	0.584
44	0.733	5/9/2019 13:36	16.88	4.161	9.610	0.568
45	0.750	5/9/2019 13:36	16.88	4.158	9.603	0.561
46	0.767	5/9/2019 13:36	16.88	4.154	9.594	0.552
47	0.783	5/9/2019 13:36	16.88	4.147	9.577	0.536
48	0.800	5/9/2019 13:36	16.94	4.144	9.570	0.529
49	0.817	5/9/2019 13:36	16.88	4.137	9.554	0.513
50	0.833	5/9/2019 13:36	16.88	4.134	9.547	0.506
51	0.850	5/9/2019 13:36	16.88	4.13	9.538	0.497
52	0.867	5/9/2019 13:36	16.88	4.123	9.522	0.480
53	0.883	5/9/2019 13:37	16.88	4.12	9.515	0.473
54	0.900	5/9/2019 13:37	16.88	4.116	9.506	0.464
55	0.917	5/9/2019 13:37	16.88	4.11	9.492	0.450
56	0.933	5/9/2019 13:37	16.94	4.106	9.483	0.441
57	0.950	5/9/2019 13:37	16.88	4.103	9.476	0.434
58	0.967	5/9/2019 13:37	16.88	4.099	9.467	0.425
59	0.983	5/9/2019 13:37	16.88	4.096	9.460	0.418
60	1.000	5/9/2019 13:37	16.88	4.089	9.443	0.402
61	1.017	5/9/2019 13:37	16.94	4.086	9.436	0.395
62	1.033	5/9/2019 13:37	16.94	4.082	9.427	0.386
63	1.050	5/9/2019 13:37	16.94	4.079	9.420	0.379
64	1.067	5/9/2019 13:37	16.88	4.075	9.411	0.370
65	1.083	5/9/2019 13:37	16.94	4.075	9.411	0.370

66	1.100	5/9/2019 13:37	16.88	4.072	9.404	0.363
67	1.117	5/9/2019 13:37	16.88	4.069	9.397	0.356
68	1.133	5/9/2019 13:37	16.88	4.065	9.388	0.346
69	1.150	5/9/2019 13:37	16.88	4.062	9.381	0.339
70	1.167	5/9/2019 13:37	16.88	4.058	9.372	0.330
71	1.183	5/9/2019 13:37	16.88	4.055	9.365	0.323
72	1.200	5/9/2019 13:37	16.94	4.051	9.356	0.314
73	1.217	5/9/2019 13:37	16.88	4.048	9.349	0.307
74	1.233	5/9/2019 13:37	16.88	4.045	9.342	0.300
75	1.250	5/9/2019 13:37	16.88	4.045	9.342	0.300
76	1.267	5/9/2019 13:37	16.88	4.041	9.333	0.291
77	1.283	5/9/2019 13:37	16.88	4.038	9.326	0.284
78	1.300	5/9/2019 13:37	16.88	4.034	9.316	0.275
79	1.317	5/9/2019 13:37	16.88	4.034	9.316	0.275
80	1.333	5/9/2019 13:37	16.94	4.031	9.309	0.268
81	1.350	5/9/2019 13:37	16.94	4.027	9.300	0.259
82	1.367	5/9/2019 13:37	16.88	4.024	9.293	0.252
83	1.383	5/9/2019 13:37	16.88	4.024	9.293	0.252
84	1.400	5/9/2019 13:37	16.94	4.021	9.286	0.245
85	1.417	5/9/2019 13:37	16.88	4.017	9.277	0.236
86	1.433	5/9/2019 13:37	16.94	4.017	9.277	0.236
87	1.450	5/9/2019 13:37	16.88	4.017	9.277	0.236
88	1.467	5/9/2019 13:37	16.88	4.014	9.270	0.229
89	1.483	5/9/2019 13:37	16.88	4.01	9.261	0.219
90	1.500	5/9/2019 13:37	16.88	4.01	9.261	0.219
91	1.517	5/9/2019 13:37	16.88	4.007	9.254	0.212
92	1.533	5/9/2019 13:37	16.88	4.004	9.247	0.206
93	1.550	5/9/2019 13:37	16.88	4.004	9.247	0.206
94	1.567	5/9/2019 13:37	16.88	4.004	9.247	0.206
95	1.583	5/9/2019 13:37	16.88	4	9.238	0.196
96	1.600	5/9/2019 13:37	16.88	4	9.238	0.196
97	1.617	5/9/2019 13:37	16.88	3.997	9.231	0.189
98	1.633	5/9/2019 13:37	16.88	3.997	9.231	0.189
99	1.650	5/9/2019 13:37	16.94	3.993	9.222	0.180
100	1.667	5/9/2019 13:37	16.88	3.99	9.215	0.173
101	1.683	5/9/2019 13:37	16.88	3.99	9.215	0.173
102	1.700	5/9/2019 13:37	16.88	3.99	9.215	0.173
103	1.717	5/9/2019 13:37	16.88	3.986	9.206	0.164
104	1.733	5/9/2019 13:37	16.94	3.986	9.206	0.164
105	1.750	5/9/2019 13:37	16.88	3.983	9.199	0.157
106	1.767	5/9/2019 13:37	16.88	3.983	9.199	0.157
107	1.783	5/9/2019 13:37	16.88	3.98	9.192	0.150
108	1.800	5/9/2019 13:37	16.88	3.98	9.192	0.150
109	1.817	5/9/2019 13:37	16.88	3.976	9.182	0.141
110	1.833	5/9/2019 13:37	16.88	3.976	9.182	0.141
111	1.850	5/9/2019 13:37	16.88	3.976	9.182	0.141
112	1.867	5/9/2019 13:37	16.88	3.973	9.176	0.134
113	1.883	5/9/2019 13:38	16.88	3.973	9.176	0.134
114	1.900	5/9/2019 13:38	16.88	3.973	9.176	0.134
115	1.917	5/9/2019 13:38	16.88	3.969	9.166	0.125
116	1.933	5/9/2019 13:38	16.88	3.969	9.166	0.125
117	1.950	5/9/2019 13:38	16.94	3.969	9.166	0.125
118	1.967	5/9/2019 13:38	16.88	3.969	9.166	0.125
119	1.983	5/9/2019 13:38	16.88	3.966	9.159	0.118
120	2.000	5/9/2019 13:38	16.88	3.966	9.159	0.118
121	2.017	5/9/2019 13:38	16.88	3.962	9.150	0.109
122	2.033	5/9/2019 13:38	16.88	3.962	9.150	0.109
123	2.050	5/9/2019 13:38	16.88	3.962	9.150	0.109
124	2.067	5/9/2019 13:38	16.88	3.959	9.143	0.102
125	2.083	5/9/2019 13:38	16.88	3.959	9.143	0.102
126	2.100	5/9/2019 13:38	16.88	3.959	9.143	0.102
127	2.117	5/9/2019 13:38	16.88	3.959	9.143	0.102
128	2.133	5/9/2019 13:38	16.88	3.956	9.136	0.095
129	2.150	5/9/2019 13:38	16.88	3.956	9.136	0.095
130	2.167	5/9/2019 13:38	16.88	3.956	9.136	0.095
131	2.183	5/9/2019 13:38	16.88	3.956	9.136	0.095
132	2.200	5/9/2019 13:38	16.94	3.952	9.127	0.085
133	2.217	5/9/2019 13:38	16.88	3.952	9.127	0.085

134	2.233	5/9/2019 13:38	16.88	3.952	9.127	0.085
135	2.250	5/9/2019 13:38	16.88	3.952	9.127	0.085
136	2.267	5/9/2019 13:38	16.88	3.949	9.120	0.079
137	2.283	5/9/2019 13:38	16.88	3.949	9.120	0.079
138	2.300	5/9/2019 13:38	16.88	3.949	9.120	0.079
139	2.317	5/9/2019 13:38	16.88	3.949	9.120	0.079
140	2.333	5/9/2019 13:38	16.88	3.949	9.120	0.079
141	2.350	5/9/2019 13:38	16.88	3.949	9.120	0.079
142	2.367	5/9/2019 13:38	16.88	3.945	9.111	0.069
143	2.383	5/9/2019 13:38	16.88	3.945	9.111	0.069
144	2.400	5/9/2019 13:38	16.88	3.945	9.111	0.069
145	2.417	5/9/2019 13:38	16.88	3.945	9.111	0.069
146	2.433	5/9/2019 13:38	16.88	3.942	9.104	0.062
147	2.450	5/9/2019 13:38	16.88	3.942	9.104	0.062
148	2.467	5/9/2019 13:38	16.88	3.942	9.104	0.062
149	2.483	5/9/2019 13:38	16.88	3.942	9.104	0.062
150	2.500	5/9/2019 13:38	16.88	3.942	9.104	0.062
151	2.517	5/9/2019 13:38	16.88	3.942	9.104	0.062
152	2.533	5/9/2019 13:38	16.88	3.942	9.104	0.062
153	2.550	5/9/2019 13:38	16.88	3.939	9.097	0.055
154	2.567	5/9/2019 13:38	16.88	3.939	9.097	0.055
155	2.583	5/9/2019 13:38	16.88	3.939	9.097	0.055
156	2.600	5/9/2019 13:38	16.88	3.939	9.097	0.055
157	2.617	5/9/2019 13:38	16.88	3.939	9.097	0.055
158	2.633	5/9/2019 13:38	16.88	3.939	9.097	0.055
159	2.650	5/9/2019 13:38	16.88	3.935	9.088	0.046
160	2.667	5/9/2019 13:38	16.88	3.935	9.088	0.046
161	2.683	5/9/2019 13:38	16.88	3.935	9.088	0.046
162	2.700	5/9/2019 13:38	16.94	3.935	9.088	0.046
163	2.717	5/9/2019 13:38	16.88	3.935	9.088	0.046
164	2.733	5/9/2019 13:38	16.88	3.935	9.088	0.046
165	2.750	5/9/2019 13:38	16.88	3.935	9.088	0.046
166	2.767	5/9/2019 13:38	16.88	3.935	9.088	0.046
167	2.783	5/9/2019 13:38	16.88	3.932	9.081	0.039
168	2.800	5/9/2019 13:38	16.88	3.932	9.081	0.039
169	2.817	5/9/2019 13:38	16.88	3.932	9.081	0.039
170	2.833	5/9/2019 13:38	16.88	3.932	9.081	0.039
171	2.850	5/9/2019 13:38	16.88	3.932	9.081	0.039
172	2.867	5/9/2019 13:38	16.88	3.932	9.081	0.039
173	2.883	5/9/2019 13:39	16.88	3.932	9.081	0.039
174	2.900	5/9/2019 13:39	16.88	3.932	9.081	0.039
175	2.917	5/9/2019 13:39	16.88	3.932	9.081	0.039
176	2.933	5/9/2019 13:39	16.88	3.932	9.081	0.039
177	2.950	5/9/2019 13:39	16.88	3.932	9.081	0.039
178	2.967	5/9/2019 13:39	16.88	3.932	9.081	0.039
179	2.983	5/9/2019 13:39	16.88	3.932	9.081	0.039
180	3.000	5/9/2019 13:39	16.88	3.932	9.081	0.039
181	3.017	5/9/2019 13:39	16.88	3.932	9.081	0.039
182	3.033	5/9/2019 13:39	16.88	3.932	9.081	0.039
183	3.050	5/9/2019 13:39	16.88	3.932	9.081	0.039
184	3.067	5/9/2019 13:39	16.88	3.932	9.081	0.039
185	3.083	5/9/2019 13:39	16.88	3.928	9.072	0.030
186	3.100	5/9/2019 13:39	16.88	3.928	9.072	0.030
187	3.117	5/9/2019 13:39	16.88	3.928	9.072	0.030
188	3.133	5/9/2019 13:39	16.88	3.928	9.072	0.030
189	3.150	5/9/2019 13:39	16.88	3.928	9.072	0.030
190	3.167	5/9/2019 13:39	16.88	3.928	9.072	0.030
191	3.183	5/9/2019 13:39	16.88	3.928	9.072	0.030
192	3.200	5/9/2019 13:39	16.88	3.928	9.072	0.030
193	3.217	5/9/2019 13:39	16.88	3.928	9.072	0.030
194	3.233	5/9/2019 13:39	16.88	3.928	9.072	0.030
195	3.250	5/9/2019 13:39	16.88	3.928	9.072	0.030
196	3.267	5/9/2019 13:39	16.88	3.928	9.072	0.030
197	3.283	5/9/2019 13:39	16.88	3.928	9.072	0.030
198	3.300	5/9/2019 13:39	16.88	3.928	9.072	0.030
199	3.317	5/9/2019 13:39	16.88	3.928	9.072	0.030
200	3.333	5/9/2019 13:39	16.88	3.928	9.072	0.030

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 11:47	16.94	4.01	9.261	0.000
2	0.033	5/9/2019 11:47	16.94	3.986	9.206	0.055
3	0.050	5/9/2019 11:47	16.94	3.583	8.275	0.986
4	0.067	5/9/2019 11:47	16.94	3.223	7.443	1.818
5	0.083	5/9/2019 11:47	16.94	3.189	7.365	1.896
6	0.100	5/9/2019 11:47	16.94	3.179	7.342	1.919
7	0.117	5/9/2019 11:47	16.94	3.199	7.388	1.873
8	0.133	5/9/2019 11:47	16.94	3.223	7.443	1.818
9	0.150	5/9/2019 11:47	16.94	3.24	7.483	1.778
10	0.167	5/9/2019 11:47	16.94	3.261	7.531	1.730
11	0.183	5/9/2019 11:47	16.94	3.278	7.570	1.691
12	0.200	5/9/2019 11:47	16.94	3.295	7.610	1.651
13	0.217	5/9/2019 11:47	16.94	3.312	7.649	1.612
14	0.233	5/9/2019 11:47	16.94	3.326	7.681	1.580
15	0.250	5/9/2019 11:47	16.94	3.343	7.721	1.540
16	0.267	5/9/2019 11:47	16.94	3.36	7.760	1.501
17	0.283	5/9/2019 11:47	16.94	3.374	7.792	1.469
18	0.300	5/9/2019 11:47	16.94	3.388	7.824	1.436
19	0.317	5/9/2019 11:47	16.94	3.401	7.855	1.406
20	0.333	5/9/2019 11:47	16.94	3.415	7.887	1.374
21	0.350	5/9/2019 11:47	16.94	3.429	7.919	1.342
22	0.367	5/9/2019 11:47	16.94	3.442	7.949	1.312
23	0.383	5/9/2019 11:47	16.94	3.453	7.975	1.286
24	0.400	5/9/2019 11:47	16.94	3.466	8.005	1.256
25	0.417	5/9/2019 11:47	16.94	3.48	8.037	1.224
26	0.433	5/9/2019 11:47	16.94	3.49	8.060	1.201
27	0.450	5/9/2019 11:47	16.94	3.5	8.083	1.178
28	0.467	5/9/2019 11:47	16.94	3.511	8.109	1.152
29	0.483	5/9/2019 11:47	16.94	3.521	8.132	1.129
30	0.500	5/9/2019 11:47	16.94	3.531	8.155	1.106
31	0.517	5/9/2019 11:47	17	3.542	8.180	1.081
32	0.533	5/9/2019 11:47	16.94	3.552	8.203	1.058
33	0.550	5/9/2019 11:47	16.94	3.562	8.226	1.035
34	0.567	5/9/2019 11:47	16.94	3.572	8.249	1.012
35	0.583	5/9/2019 11:47	16.94	3.579	8.266	0.995
36	0.600	5/9/2019 11:47	16.94	3.589	8.289	0.972
37	0.617	5/9/2019 11:47	16.94	3.596	8.305	0.956
38	0.633	5/9/2019 11:47	16.94	3.607	8.330	0.931
39	0.650	5/9/2019 11:47	16.94	3.613	8.344	0.917
40	0.667	5/9/2019 11:47	16.94	3.624	8.370	0.891
41	0.683	5/9/2019 11:47	16.94	3.631	8.386	0.875
42	0.700	5/9/2019 11:47	16.94	3.637	8.400	0.861
43	0.717	5/9/2019 11:47	16.94	3.644	8.416	0.845
44	0.733	5/9/2019 11:47	16.94	3.651	8.432	0.829
45	0.750	5/9/2019 11:47	16.94	3.658	8.448	0.813
46	0.767	5/9/2019 11:47	16.94	3.665	8.464	0.797
47	0.783	5/9/2019 11:47	16.94	3.672	8.480	0.781
48	0.800	5/9/2019 11:47	16.94	3.678	8.494	0.767
49	0.817	5/9/2019 11:47	16.94	3.685	8.510	0.751
50	0.833	5/9/2019 11:47	16.94	3.692	8.527	0.734
51	0.850	5/9/2019 11:47	16.94	3.699	8.543	0.718
52	0.867	5/9/2019 11:47	16.94	3.706	8.559	0.702
53	0.883	5/9/2019 11:48	16.94	3.709	8.566	0.695
54	0.900	5/9/2019 11:48	16.94	3.716	8.582	0.679
55	0.917	5/9/2019 11:48	16.94	3.723	8.598	0.663
56	0.933	5/9/2019 11:48	16.94	3.726	8.605	0.656
57	0.950	5/9/2019 11:48	16.94	3.733	8.621	0.640
58	0.967	5/9/2019 11:48	16.94	3.737	8.630	0.630
59	0.983	5/9/2019 11:48	16.94	3.743	8.644	0.617
60	1.000	5/9/2019 11:48	16.94	3.75	8.661	0.600
61	1.017	5/9/2019 11:48	16.94	3.754	8.670	0.591
62	1.033	5/9/2019 11:48	16.94	3.757	8.677	0.584
63	1.050	5/9/2019 11:48	16.94	3.761	8.686	0.575
64	1.067	5/9/2019 11:48	16.94	3.767	8.700	0.561
65	1.083	5/9/2019 11:48	16.94	3.771	8.709	0.552

66	1.100	5/9/2019 11:48	16.94	3.774	8.716	0.545
67	1.117	5/9/2019 11:48	16.94	3.781	8.732	0.529
68	1.133	5/9/2019 11:48	16.94	3.784	8.739	0.522
69	1.150	5/9/2019 11:48	16.94	3.788	8.748	0.513
70	1.167	5/9/2019 11:48	16.94	3.791	8.755	0.506
71	1.183	5/9/2019 11:48	16.94	3.795	8.764	0.497
72	1.200	5/9/2019 11:48	16.94	3.798	8.771	0.490
73	1.217	5/9/2019 11:48	16.94	3.802	8.781	0.480
74	1.233	5/9/2019 11:48	16.94	3.805	8.788	0.473
75	1.250	5/9/2019 11:48	16.94	3.808	8.794	0.467
76	1.267	5/9/2019 11:48	16.94	3.812	8.804	0.457
77	1.283	5/9/2019 11:48	16.94	3.815	8.811	0.450
78	1.300	5/9/2019 11:48	16.94	3.819	8.820	0.441
79	1.317	5/9/2019 11:48	16.94	3.822	8.827	0.434
80	1.333	5/9/2019 11:48	16.94	3.826	8.836	0.425
81	1.350	5/9/2019 11:48	16.94	3.829	8.843	0.418
82	1.367	5/9/2019 11:48	16.94	3.832	8.850	0.411
83	1.383	5/9/2019 11:48	16.94	3.832	8.850	0.411
84	1.400	5/9/2019 11:48	16.94	3.836	8.859	0.402
85	1.417	5/9/2019 11:48	16.94	3.839	8.866	0.395
86	1.433	5/9/2019 11:48	16.94	3.843	8.875	0.386
87	1.450	5/9/2019 11:48	16.94	3.846	8.882	0.379
88	1.467	5/9/2019 11:48	16.94	3.846	8.882	0.379
89	1.483	5/9/2019 11:48	16.94	3.85	8.891	0.370
90	1.500	5/9/2019 11:48	16.94	3.853	8.898	0.363
91	1.517	5/9/2019 11:48	16.94	3.853	8.898	0.363
92	1.533	5/9/2019 11:48	16.94	3.856	8.905	0.356
93	1.550	5/9/2019 11:48	16.94	3.86	8.915	0.346
94	1.567	5/9/2019 11:48	16.94	3.86	8.915	0.346
95	1.583	5/9/2019 11:48	16.94	3.863	8.921	0.339
96	1.600	5/9/2019 11:48	16.94	3.863	8.921	0.339
97	1.617	5/9/2019 11:48	16.94	3.867	8.931	0.330
98	1.633	5/9/2019 11:48	16.94	3.87	8.938	0.323
99	1.650	5/9/2019 11:48	16.94	3.87	8.938	0.323
100	1.667	5/9/2019 11:48	16.94	3.873	8.945	0.316
101	1.683	5/9/2019 11:48	16.94	3.873	8.945	0.316
102	1.700	5/9/2019 11:48	16.94	3.877	8.954	0.307
103	1.717	5/9/2019 11:48	16.94	3.877	8.954	0.307
104	1.733	5/9/2019 11:48	16.94	3.88	8.961	0.300
105	1.750	5/9/2019 11:48	16.94	3.884	8.970	0.291
106	1.767	5/9/2019 11:48	16.94	3.884	8.970	0.291
107	1.783	5/9/2019 11:48	16.94	3.887	8.977	0.284
108	1.800	5/9/2019 11:48	16.94	3.887	8.977	0.284
109	1.817	5/9/2019 11:48	16.94	3.887	8.977	0.284
110	1.833	5/9/2019 11:48	16.94	3.891	8.986	0.275
111	1.850	5/9/2019 11:48	16.94	3.894	8.993	0.268
112	1.867	5/9/2019 11:48	16.94	3.894	8.993	0.268
113	1.883	5/9/2019 11:49	16.94	3.894	8.993	0.268
114	1.900	5/9/2019 11:49	16.94	3.897	9.000	0.261
115	1.917	5/9/2019 11:49	16.94	3.897	9.000	0.261
116	1.933	5/9/2019 11:49	16.94	3.901	9.009	0.252
117	1.950	5/9/2019 11:49	16.94	3.901	9.009	0.252
118	1.967	5/9/2019 11:49	16.94	3.904	9.016	0.245
119	1.983	5/9/2019 11:49	16.94	3.904	9.016	0.245
120	2.000	5/9/2019 11:49	16.94	3.908	9.025	0.236
121	2.017	5/9/2019 11:49	16.94	3.908	9.025	0.236
122	2.033	5/9/2019 11:49	16.94	3.908	9.025	0.236
123	2.050	5/9/2019 11:49	16.94	3.911	9.032	0.229
124	2.067	5/9/2019 11:49	16.94	3.911	9.032	0.229
125	2.083	5/9/2019 11:49	16.94	3.911	9.032	0.229
126	2.100	5/9/2019 11:49	16.94	3.915	9.042	0.219
127	2.117	5/9/2019 11:49	16.94	3.915	9.042	0.219
128	2.133	5/9/2019 11:49	16.94	3.915	9.042	0.219
129	2.150	5/9/2019 11:49	16.94	3.918	9.048	0.212
130	2.167	5/9/2019 11:49	16.94	3.918	9.048	0.212
131	2.183	5/9/2019 11:49	16.94	3.918	9.048	0.212
132	2.200	5/9/2019 11:49	16.94	3.921	9.055	0.206
133	2.217	5/9/2019 11:49	16.94	3.921	9.055	0.206

134	2.233	5/9/2019 11:49	16.94	3.921	9.055	0.206
135	2.250	5/9/2019 11:49	16.94	3.921	9.055	0.206
136	2.267	5/9/2019 11:49	16.94	3.925	9.065	0.196
137	2.283	5/9/2019 11:49	16.94	3.925	9.065	0.196
138	2.300	5/9/2019 11:49	16.94	3.925	9.065	0.196
139	2.317	5/9/2019 11:49	16.94	3.928	9.072	0.189
140	2.333	5/9/2019 11:49	16.94	3.928	9.072	0.189
141	2.350	5/9/2019 11:49	16.94	3.928	9.072	0.189
142	2.367	5/9/2019 11:49	16.94	3.928	9.072	0.189
143	2.383	5/9/2019 11:49	16.94	3.932	9.081	0.180
144	2.400	5/9/2019 11:49	16.94	3.932	9.081	0.180
145	2.417	5/9/2019 11:49	16.94	3.932	9.081	0.180
146	2.433	5/9/2019 11:49	16.94	3.932	9.081	0.180
147	2.450	5/9/2019 11:49	16.94	3.935	9.088	0.173
148	2.467	5/9/2019 11:49	16.94	3.935	9.088	0.173
149	2.483	5/9/2019 11:49	16.94	3.935	9.088	0.173
150	2.500	5/9/2019 11:49	16.94	3.935	9.088	0.173
151	2.517	5/9/2019 11:49	16.94	3.938	9.095	0.166
152	2.533	5/9/2019 11:49	16.94	3.938	9.095	0.166
153	2.550	5/9/2019 11:49	16.94	3.938	9.095	0.166
154	2.567	5/9/2019 11:49	16.94	3.938	9.095	0.166
155	2.583	5/9/2019 11:49	16.94	3.942	9.104	0.157
156	2.600	5/9/2019 11:49	16.94	3.942	9.104	0.157
157	2.617	5/9/2019 11:49	16.94	3.942	9.104	0.157
158	2.633	5/9/2019 11:49	16.94	3.942	9.104	0.157
159	2.650	5/9/2019 11:49	16.94	3.945	9.111	0.150
160	2.667	5/9/2019 11:49	16.94	3.945	9.111	0.150
161	2.683	5/9/2019 11:49	16.94	3.945	9.111	0.150
162	2.700	5/9/2019 11:49	16.94	3.945	9.111	0.150
163	2.717	5/9/2019 11:49	16.94	3.945	9.111	0.150
164	2.733	5/9/2019 11:49	16.94	3.949	9.120	0.141
165	2.750	5/9/2019 11:49	16.94	3.949	9.120	0.141
166	2.767	5/9/2019 11:49	16.94	3.949	9.120	0.141
167	2.783	5/9/2019 11:49	16.94	3.949	9.120	0.141
168	2.800	5/9/2019 11:49	16.94	3.949	9.120	0.141
169	2.817	5/9/2019 11:49	16.94	3.952	9.127	0.134
170	2.833	5/9/2019 11:49	16.94	3.952	9.127	0.134
171	2.850	5/9/2019 11:49	16.94	3.952	9.127	0.134
172	2.867	5/9/2019 11:49	16.94	3.952	9.127	0.134
173	2.883	5/9/2019 11:50	16.94	3.952	9.127	0.134
174	2.900	5/9/2019 11:50	16.94	3.956	9.136	0.125
175	2.917	5/9/2019 11:50	16.94	3.956	9.136	0.125
176	2.933	5/9/2019 11:50	16.94	3.956	9.136	0.125
177	2.950	5/9/2019 11:50	16.94	3.956	9.136	0.125
178	2.967	5/9/2019 11:50	16.94	3.956	9.136	0.125
179	2.983	5/9/2019 11:50	16.94	3.956	9.136	0.125
180	3.000	5/9/2019 11:50	16.94	3.956	9.136	0.125
181	3.017	5/9/2019 11:50	16.94	3.959	9.143	0.118
182	3.033	5/9/2019 11:50	16.94	3.959	9.143	0.118
183	3.050	5/9/2019 11:50	16.94	3.959	9.143	0.118
184	3.067	5/9/2019 11:50	16.94	3.959	9.143	0.118
185	3.083	5/9/2019 11:50	16.88	3.959	9.143	0.118
186	3.100	5/9/2019 11:50	16.94	3.959	9.143	0.118
187	3.117	5/9/2019 11:50	16.94	3.959	9.143	0.118
188	3.133	5/9/2019 11:50	16.94	3.962	9.150	0.111
189	3.150	5/9/2019 11:50	16.94	3.962	9.150	0.111
190	3.167	5/9/2019 11:50	16.94	3.962	9.150	0.111
191	3.183	5/9/2019 11:50	16.94	3.962	9.150	0.111
192	3.200	5/9/2019 11:50	16.94	3.962	9.150	0.111
193	3.217	5/9/2019 11:50	16.94	3.962	9.150	0.111
194	3.233	5/9/2019 11:50	16.94	3.962	9.150	0.111
195	3.250	5/9/2019 11:50	16.94	3.962	9.150	0.111
196	3.267	5/9/2019 11:50	16.94	3.966	9.159	0.102
197	3.283	5/9/2019 11:50	16.94	3.966	9.159	0.102
198	3.300	5/9/2019 11:50	16.94	3.966	9.159	0.102
199	3.317	5/9/2019 11:50	16.94	3.966	9.159	0.102
200	3.333	5/9/2019 11:50	16.94	3.966	9.159	0.102

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 14:41	16.94	3.891	8.986	0.000
2	0.033	5/9/2019 14:41	16.94	3.548	8.194	0.792
3	0.050	5/9/2019 14:41	16.94	3.251	7.508	1.478
4	0.067	5/9/2019 14:41	16.94	3.141	7.254	1.732
5	0.083	5/9/2019 14:41	16.94	3.069	7.088	1.898
6	0.100	5/9/2019 14:41	16.94	3.08	7.113	1.873
7	0.117	5/9/2019 14:41	16.94	3.1	7.159	1.827
8	0.133	5/9/2019 14:41	16.94	3.121	7.208	1.778
9	0.150	5/9/2019 14:41	16.88	3.138	7.247	1.739
10	0.167	5/9/2019 14:41	16.94	3.155	7.286	1.700
11	0.183	5/9/2019 14:41	16.94	3.172	7.326	1.661
12	0.200	5/9/2019 14:41	16.94	3.189	7.365	1.621
13	0.217	5/9/2019 14:41	16.94	3.203	7.397	1.589
14	0.233	5/9/2019 14:41	16.94	3.22	7.436	1.550
15	0.250	5/9/2019 14:41	16.94	3.234	7.469	1.517
16	0.267	5/9/2019 14:41	16.94	3.247	7.499	1.487
17	0.283	5/9/2019 14:41	16.88	3.261	7.531	1.455
18	0.300	5/9/2019 14:41	16.94	3.275	7.564	1.423
19	0.317	5/9/2019 14:41	16.94	3.285	7.587	1.400
20	0.333	5/9/2019 14:41	16.94	3.299	7.619	1.367
21	0.350	5/9/2019 14:41	16.94	3.312	7.649	1.337
22	0.367	5/9/2019 14:41	16.94	3.323	7.674	1.312
23	0.383	5/9/2019 14:41	16.94	3.336	7.704	1.282
24	0.400	5/9/2019 14:41	16.94	3.346	7.727	1.259
25	0.417	5/9/2019 14:41	16.94	3.357	7.753	1.233
26	0.433	5/9/2019 14:41	16.94	3.367	7.776	1.210
27	0.450	5/9/2019 14:41	16.94	3.377	7.799	1.187
28	0.467	5/9/2019 14:41	16.94	3.388	7.824	1.162
29	0.483	5/9/2019 14:41	16.94	3.398	7.848	1.139
30	0.500	5/9/2019 14:41	16.94	3.408	7.871	1.115
31	0.517	5/9/2019 14:41	16.94	3.418	7.894	1.092
32	0.533	5/9/2019 14:41	16.94	3.429	7.919	1.067
33	0.550	5/9/2019 14:41	16.94	3.435	7.933	1.053
34	0.567	5/9/2019 14:41	16.94	3.446	7.958	1.028
35	0.583	5/9/2019 14:41	16.94	3.453	7.975	1.012
36	0.600	5/9/2019 14:41	16.94	3.463	7.998	0.988
37	0.617	5/9/2019 14:41	16.94	3.47	8.014	0.972
38	0.633	5/9/2019 14:42	16.94	3.48	8.037	0.949
39	0.650	5/9/2019 14:42	16.94	3.487	8.053	0.933
40	0.667	5/9/2019 14:42	16.94	3.494	8.069	0.917
41	0.683	5/9/2019 14:42	16.94	3.5	8.083	0.903
42	0.700	5/9/2019 14:42	16.94	3.511	8.109	0.878
43	0.717	5/9/2019 14:42	16.94	3.518	8.125	0.861
44	0.733	5/9/2019 14:42	16.88	3.524	8.139	0.848
45	0.750	5/9/2019 14:42	16.94	3.531	8.155	0.831
46	0.767	5/9/2019 14:42	16.94	3.538	8.171	0.815
47	0.783	5/9/2019 14:42	16.94	3.545	8.187	0.799
48	0.800	5/9/2019 14:42	16.94	3.552	8.203	0.783
49	0.817	5/9/2019 14:42	16.94	3.559	8.219	0.767
50	0.833	5/9/2019 14:42	16.94	3.565	8.233	0.753
51	0.850	5/9/2019 14:42	16.88	3.569	8.242	0.744
52	0.867	5/9/2019 14:42	16.94	3.576	8.259	0.727
53	0.883	5/9/2019 14:42	16.88	3.583	8.275	0.711
54	0.900	5/9/2019 14:42	16.88	3.586	8.282	0.704
55	0.917	5/9/2019 14:42	16.94	3.593	8.298	0.688
56	0.933	5/9/2019 14:42	16.94	3.6	8.314	0.672
57	0.950	5/9/2019 14:42	16.94	3.603	8.321	0.665
58	0.967	5/9/2019 14:42	16.94	3.607	8.330	0.656
59	0.983	5/9/2019 14:42	16.94	3.613	8.344	0.642
60	1.000	5/9/2019 14:42	16.94	3.617	8.353	0.633
61	1.017	5/9/2019 14:42	16.94	3.624	8.370	0.617
62	1.033	5/9/2019 14:42	16.94	3.627	8.376	0.610
63	1.050	5/9/2019 14:42	16.88	3.634	8.393	0.594
64	1.067	5/9/2019 14:42	16.94	3.637	8.400	0.587
65	1.083	5/9/2019 14:42	16.94	3.641	8.409	0.577

66	1.100	5/9/2019 14:42	16.94	3.644	8.416	0.570
67	1.117	5/9/2019 14:42	16.88	3.648	8.425	0.561
68	1.133	5/9/2019 14:42	16.94	3.654	8.439	0.547
69	1.150	5/9/2019 14:42	16.94	3.658	8.448	0.538
70	1.167	5/9/2019 14:42	16.94	3.661	8.455	0.531
71	1.183	5/9/2019 14:42	16.94	3.665	8.464	0.522
72	1.200	5/9/2019 14:42	16.94	3.668	8.471	0.515
73	1.217	5/9/2019 14:42	16.94	3.672	8.480	0.506
74	1.233	5/9/2019 14:42	16.88	3.675	8.487	0.499
75	1.250	5/9/2019 14:42	16.88	3.678	8.494	0.492
76	1.267	5/9/2019 14:42	16.94	3.682	8.503	0.483
77	1.283	5/9/2019 14:42	16.94	3.685	8.510	0.476
78	1.300	5/9/2019 14:42	16.94	3.689	8.520	0.467
79	1.317	5/9/2019 14:42	16.94	3.692	8.527	0.460
80	1.333	5/9/2019 14:42	16.94	3.696	8.536	0.450
81	1.350	5/9/2019 14:42	16.94	3.699	8.543	0.443
82	1.367	5/9/2019 14:42	16.94	3.702	8.550	0.436
83	1.383	5/9/2019 14:42	16.94	3.706	8.559	0.427
84	1.400	5/9/2019 14:42	16.94	3.706	8.559	0.427
85	1.417	5/9/2019 14:42	16.94	3.709	8.566	0.420
86	1.433	5/9/2019 14:42	16.94	3.713	8.575	0.411
87	1.450	5/9/2019 14:42	16.94	3.716	8.582	0.404
88	1.467	5/9/2019 14:42	16.94	3.716	8.582	0.404
89	1.483	5/9/2019 14:42	16.94	3.719	8.589	0.397
90	1.500	5/9/2019 14:42	16.94	3.723	8.598	0.388
91	1.517	5/9/2019 14:42	16.94	3.723	8.598	0.388
92	1.533	5/9/2019 14:42	16.94	3.726	8.605	0.381
93	1.550	5/9/2019 14:42	16.94	3.73	8.614	0.372
94	1.567	5/9/2019 14:42	16.94	3.733	8.621	0.365
95	1.583	5/9/2019 14:42	16.88	3.737	8.630	0.356
96	1.600	5/9/2019 14:42	16.94	3.737	8.630	0.356
97	1.617	5/9/2019 14:42	16.94	3.74	8.637	0.349
98	1.633	5/9/2019 14:43	16.94	3.74	8.637	0.349
99	1.650	5/9/2019 14:43	16.94	3.743	8.644	0.342
100	1.667	5/9/2019 14:43	16.94	3.743	8.644	0.342
101	1.683	5/9/2019 14:43	16.94	3.747	8.654	0.333
102	1.700	5/9/2019 14:43	16.94	3.747	8.654	0.333
103	1.717	5/9/2019 14:43	16.94	3.75	8.661	0.326
104	1.733	5/9/2019 14:43	16.94	3.75	8.661	0.326
105	1.750	5/9/2019 14:43	16.94	3.754	8.670	0.316
106	1.767	5/9/2019 14:43	16.94	3.754	8.670	0.316
107	1.783	5/9/2019 14:43	16.94	3.757	8.677	0.309
108	1.800	5/9/2019 14:43	16.94	3.761	8.686	0.300
109	1.817	5/9/2019 14:43	16.94	3.761	8.686	0.300
110	1.833	5/9/2019 14:43	16.94	3.764	8.693	0.293
111	1.850	5/9/2019 14:43	16.94	3.764	8.693	0.293
112	1.867	5/9/2019 14:43	16.94	3.767	8.700	0.286
113	1.883	5/9/2019 14:43	16.94	3.767	8.700	0.286
114	1.900	5/9/2019 14:43	16.94	3.771	8.709	0.277
115	1.917	5/9/2019 14:43	16.94	3.771	8.709	0.277
116	1.933	5/9/2019 14:43	16.88	3.774	8.716	0.270
117	1.950	5/9/2019 14:43	16.94	3.774	8.716	0.270
118	1.967	5/9/2019 14:43	16.94	3.778	8.725	0.261
119	1.983	5/9/2019 14:43	16.94	3.778	8.725	0.261
120	2.000	5/9/2019 14:43	16.94	3.778	8.725	0.261
121	2.017	5/9/2019 14:43	16.94	3.781	8.732	0.254
122	2.033	5/9/2019 14:43	16.94	3.781	8.732	0.254
123	2.050	5/9/2019 14:43	16.94	3.781	8.732	0.254
124	2.067	5/9/2019 14:43	16.94	3.784	8.739	0.247
125	2.083	5/9/2019 14:43	16.94	3.784	8.739	0.247
126	2.100	5/9/2019 14:43	16.94	3.788	8.748	0.238
127	2.117	5/9/2019 14:43	16.94	3.788	8.748	0.238
128	2.133	5/9/2019 14:43	16.94	3.788	8.748	0.238
129	2.150	5/9/2019 14:43	16.94	3.791	8.755	0.231
130	2.167	5/9/2019 14:43	16.94	3.791	8.755	0.231
131	2.183	5/9/2019 14:43	16.94	3.791	8.755	0.231
132	2.200	5/9/2019 14:43	16.94	3.795	8.764	0.222
133	2.217	5/9/2019 14:43	16.94	3.795	8.764	0.222

134	2.233	5/9/2019 14:43	16.94	3.795	8.764	0.222
135	2.250	5/9/2019 14:43	16.94	3.798	8.771	0.215
136	2.267	5/9/2019 14:43	16.94	3.798	8.771	0.215
137	2.283	5/9/2019 14:43	16.94	3.798	8.771	0.215
138	2.300	5/9/2019 14:43	16.94	3.802	8.781	0.206
139	2.317	5/9/2019 14:43	16.94	3.802	8.781	0.206
140	2.333	5/9/2019 14:43	16.94	3.802	8.781	0.206
141	2.350	5/9/2019 14:43	16.94	3.802	8.781	0.206
142	2.367	5/9/2019 14:43	16.94	3.805	8.788	0.199
143	2.383	5/9/2019 14:43	16.94	3.805	8.788	0.199
144	2.400	5/9/2019 14:43	16.94	3.805	8.788	0.199
145	2.417	5/9/2019 14:43	16.94	3.805	8.788	0.199
146	2.433	5/9/2019 14:43	16.94	3.808	8.794	0.192
147	2.450	5/9/2019 14:43	16.94	3.808	8.794	0.192
148	2.467	5/9/2019 14:43	16.94	3.808	8.794	0.192
149	2.483	5/9/2019 14:43	16.88	3.812	8.804	0.182
150	2.500	5/9/2019 14:43	16.88	3.812	8.804	0.182
151	2.517	5/9/2019 14:43	16.94	3.812	8.804	0.182
152	2.533	5/9/2019 14:43	16.94	3.812	8.804	0.182
153	2.550	5/9/2019 14:43	16.94	3.815	8.811	0.176
154	2.567	5/9/2019 14:43	16.94	3.815	8.811	0.176
155	2.583	5/9/2019 14:43	16.94	3.815	8.811	0.176
156	2.600	5/9/2019 14:43	16.94	3.815	8.811	0.176
157	2.617	5/9/2019 14:43	16.94	3.815	8.811	0.176
158	2.633	5/9/2019 14:44	16.94	3.819	8.820	0.166
159	2.650	5/9/2019 14:44	16.94	3.819	8.820	0.166
160	2.667	5/9/2019 14:44	16.94	3.819	8.820	0.166
161	2.683	5/9/2019 14:44	16.94	3.819	8.820	0.166
162	2.700	5/9/2019 14:44	16.94	3.822	8.827	0.159
163	2.717	5/9/2019 14:44	16.94	3.822	8.827	0.159
164	2.733	5/9/2019 14:44	16.94	3.822	8.827	0.159
165	2.750	5/9/2019 14:44	16.94	3.822	8.827	0.159
166	2.767	5/9/2019 14:44	16.94	3.822	8.827	0.159
167	2.783	5/9/2019 14:44	16.88	3.822	8.827	0.159
168	2.800	5/9/2019 14:44	16.94	3.826	8.836	0.150
169	2.817	5/9/2019 14:44	16.88	3.826	8.836	0.150
170	2.833	5/9/2019 14:44	16.94	3.826	8.836	0.150
171	2.850	5/9/2019 14:44	16.94	3.826	8.836	0.150
172	2.867	5/9/2019 14:44	16.94	3.826	8.836	0.150
173	2.883	5/9/2019 14:44	16.94	3.829	8.843	0.143
174	2.900	5/9/2019 14:44	16.94	3.829	8.843	0.143
175	2.917	5/9/2019 14:44	16.94	3.829	8.843	0.143
176	2.933	5/9/2019 14:44	16.94	3.829	8.843	0.143
177	2.950	5/9/2019 14:44	16.94	3.829	8.843	0.143
178	2.967	5/9/2019 14:44	16.94	3.829	8.843	0.143
179	2.983	5/9/2019 14:44	16.94	3.832	8.850	0.136
180	3.000	5/9/2019 14:44	16.88	3.832	8.850	0.136
181	3.017	5/9/2019 14:44	16.88	3.832	8.850	0.136
182	3.033	5/9/2019 14:44	16.94	3.832	8.850	0.136
183	3.050	5/9/2019 14:44	16.94	3.832	8.850	0.136
184	3.067	5/9/2019 14:44	16.94	3.832	8.850	0.136
185	3.083	5/9/2019 14:44	16.94	3.836	8.859	0.127
186	3.100	5/9/2019 14:44	16.88	3.836	8.859	0.127
187	3.117	5/9/2019 14:44	16.94	3.836	8.859	0.127
188	3.133	5/9/2019 14:44	16.88	3.836	8.859	0.127
189	3.150	5/9/2019 14:44	16.94	3.836	8.859	0.127
190	3.167	5/9/2019 14:44	16.94	3.836	8.859	0.127
191	3.183	5/9/2019 14:44	16.88	3.836	8.859	0.127
192	3.200	5/9/2019 14:44	16.94	3.839	8.866	0.120
193	3.217	5/9/2019 14:44	16.94	3.839	8.866	0.120
194	3.233	5/9/2019 14:44	16.94	3.839	8.866	0.120
195	3.250	5/9/2019 14:44	16.94	3.839	8.866	0.120
196	3.267	5/9/2019 14:44	16.88	3.839	8.866	0.120
197	3.283	5/9/2019 14:44	16.94	3.839	8.866	0.120
198	3.300	5/9/2019 14:44	16.94	3.839	8.866	0.120
199	3.317	5/9/2019 14:44	16.94	3.839	8.866	0.120
200	3.333	5/9/2019 14:44	16.94	3.839	8.866	0.120

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 10:05	16.13	4.355	10.058	0.000
2	0.033	5/9/2019 10:05	16.13	4.444	10.263	0.206
3	0.050	5/9/2019 10:05	16.13	4.563	10.538	0.480
4	0.067	5/9/2019 10:05	16.13	4.686	10.822	0.764
5	0.083	5/9/2019 10:05	16.13	4.732	10.928	0.871
6	0.100	5/9/2019 10:05	16.13	4.719	10.898	0.841
7	0.117	5/9/2019 10:05	16.13	4.636	10.707	0.649
8	0.133	5/9/2019 10:05	16.13	4.61	10.647	0.589
9	0.150	5/9/2019 10:05	16.13	4.61	10.647	0.589
10	0.167	5/9/2019 10:05	16.13	4.593	10.607	0.550
11	0.183	5/9/2019 10:05	16.13	4.58	10.577	0.520
12	0.200	5/9/2019 10:05	16.13	4.567	10.547	0.490
13	0.217	5/9/2019 10:05	16.13	4.553	10.515	0.457
14	0.233	5/9/2019 10:05	16.13	4.543	10.492	0.434
15	0.250	5/9/2019 10:05	16.13	4.534	10.471	0.413
16	0.267	5/9/2019 10:05	16.13	4.524	10.448	0.390
17	0.283	5/9/2019 10:05	16.13	4.514	10.425	0.367
18	0.300	5/9/2019 10:05	16.13	4.507	10.409	0.351
19	0.317	5/9/2019 10:06	16.13	4.497	10.386	0.328
20	0.333	5/9/2019 10:06	16.13	4.491	10.372	0.314
21	0.350	5/9/2019 10:06	16.13	4.484	10.356	0.298
22	0.367	5/9/2019 10:06	16.13	4.477	10.339	0.282
23	0.383	5/9/2019 10:06	16.13	4.471	10.326	0.268
24	0.400	5/9/2019 10:06	16.13	4.464	10.309	0.252
25	0.417	5/9/2019 10:06	16.13	4.461	10.303	0.245
26	0.433	5/9/2019 10:06	16.13	4.454	10.286	0.229
27	0.450	5/9/2019 10:06	16.13	4.451	10.279	0.222
28	0.467	5/9/2019 10:06	16.13	4.444	10.263	0.206
29	0.483	5/9/2019 10:06	16.13	4.441	10.256	0.199
30	0.500	5/9/2019 10:06	16.13	4.438	10.249	0.192
31	0.517	5/9/2019 10:06	16.13	4.434	10.240	0.182
32	0.533	5/9/2019 10:06	16.13	4.431	10.233	0.176
33	0.550	5/9/2019 10:06	16.13	4.424	10.217	0.159
34	0.567	5/9/2019 10:06	16.19	4.421	10.210	0.152
35	0.583	5/9/2019 10:06	16.13	4.421	10.210	0.152
36	0.600	5/9/2019 10:06	16.13	4.418	10.203	0.145
37	0.617	5/9/2019 10:06	16.13	4.414	10.194	0.136
38	0.633	5/9/2019 10:06	16.13	4.411	10.187	0.129
39	0.650	5/9/2019 10:06	16.13	4.408	10.180	0.122
40	0.667	5/9/2019 10:06	16.13	4.404	10.171	0.113
41	0.683	5/9/2019 10:06	16.19	4.404	10.171	0.113
42	0.700	5/9/2019 10:06	16.13	4.401	10.164	0.106
43	0.717	5/9/2019 10:06	16.13	4.398	10.157	0.099
44	0.733	5/9/2019 10:06	16.13	4.398	10.157	0.099
45	0.750	5/9/2019 10:06	16.13	4.395	10.150	0.092
46	0.767	5/9/2019 10:06	16.13	4.395	10.150	0.092
47	0.783	5/9/2019 10:06	16.13	4.391	10.141	0.083
48	0.800	5/9/2019 10:06	16.13	4.391	10.141	0.083
49	0.817	5/9/2019 10:06	16.13	4.388	10.134	0.076

50	0.833	5/9/2019 10:06	16.13	4.388	10.134	0.076
51	0.850	5/9/2019 10:06	16.13	4.388	10.134	0.076
52	0.867	5/9/2019 10:06	16.13	4.385	10.127	0.069
53	0.883	5/9/2019 10:06	16.13	4.385	10.127	0.069
54	0.900	5/9/2019 10:06	16.13	4.385	10.127	0.069
55	0.917	5/9/2019 10:06	16.13	4.381	10.118	0.060
56	0.933	5/9/2019 10:06	16.13	4.381	10.118	0.060
57	0.950	5/9/2019 10:06	16.13	4.378	10.111	0.053
58	0.967	5/9/2019 10:06	16.13	4.378	10.111	0.053
59	0.983	5/9/2019 10:06	16.13	4.378	10.111	0.053
60	1.000	5/9/2019 10:06	16.13	4.378	10.111	0.053
61	1.017	5/9/2019 10:06	16.13	4.378	10.111	0.053
62	1.033	5/9/2019 10:06	16.13	4.375	10.104	0.046
63	1.050	5/9/2019 10:06	16.13	4.375	10.104	0.046
64	1.067	5/9/2019 10:06	16.13	4.375	10.104	0.046
65	1.083	5/9/2019 10:06	16.13	4.375	10.104	0.046
66	1.100	5/9/2019 10:06	16.13	4.375	10.104	0.046
67	1.117	5/9/2019 10:06	16.13	4.371	10.095	0.037
68	1.133	5/9/2019 10:06	16.13	4.371	10.095	0.037
69	1.150	5/9/2019 10:06	16.13	4.371	10.095	0.037
70	1.167	5/9/2019 10:06	16.13	4.371	10.095	0.037
71	1.183	5/9/2019 10:06	16.13	4.368	10.088	0.030
72	1.200	5/9/2019 10:06	16.13	4.368	10.088	0.030
73	1.217	5/9/2019 10:06	16.13	4.368	10.088	0.030
74	1.233	5/9/2019 10:06	16.13	4.368	10.088	0.030
75	1.250	5/9/2019 10:06	16.13	4.368	10.088	0.030
76	1.267	5/9/2019 10:06	16.13	4.368	10.088	0.030
77	1.283	5/9/2019 10:06	16.13	4.368	10.088	0.030
78	1.300	5/9/2019 10:06	16.13	4.365	10.081	0.023
79	1.317	5/9/2019 10:07	16.13	4.365	10.081	0.023
80	1.333	5/9/2019 10:07	16.13	4.365	10.081	0.023
81	1.350	5/9/2019 10:07	16.13	4.365	10.081	0.023
82	1.367	5/9/2019 10:07	16.13	4.365	10.081	0.023
83	1.383	5/9/2019 10:07	16.13	4.365	10.081	0.023
84	1.400	5/9/2019 10:07	16.13	4.365	10.081	0.023
85	1.417	5/9/2019 10:07	16.13	4.365	10.081	0.023
86	1.433	5/9/2019 10:07	16.13	4.365	10.081	0.023
87	1.450	5/9/2019 10:07	16.13	4.361	10.072	0.014
88	1.467	5/9/2019 10:07	16.13	4.361	10.072	0.014
89	1.483	5/9/2019 10:07	16.13	4.361	10.072	0.014
90	1.500	5/9/2019 10:07	16.13	4.361	10.072	0.014
91	1.517	5/9/2019 10:07	16.13	4.361	10.072	0.014
92	1.533	5/9/2019 10:07	16.13	4.361	10.072	0.014
93	1.550	5/9/2019 10:07	16.13	4.361	10.072	0.014
94	1.567	5/9/2019 10:07	16.13	4.361	10.072	0.014
95	1.583	5/9/2019 10:07	16.13	4.361	10.072	0.014
96	1.600	5/9/2019 10:07	16.13	4.361	10.072	0.014
97	1.617	5/9/2019 10:07	16.13	4.361	10.072	0.014
98	1.633	5/9/2019 10:07	16.13	4.361	10.072	0.014
99	1.650	5/9/2019 10:07	16.13	4.361	10.072	0.014
100	1.667	5/9/2019 10:07	16.13	4.361	10.072	0.014

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 13:33	16.13	4.037	9.323	0.000
2	0.033	5/9/2019 13:33	16.19	4.103	9.476	0.152
3	0.050	5/9/2019 13:33	16.19	4.272	9.866	0.543
4	0.067	5/9/2019 13:33	16.19	4.404	10.171	0.848
5	0.083	5/9/2019 13:33	16.19	4.414	10.194	0.871
6	0.100	5/9/2019 13:33	16.19	4.371	10.095	0.771
7	0.117	5/9/2019 13:33	16.19	4.295	9.919	0.596
8	0.133	5/9/2019 13:33	16.19	4.259	9.836	0.513
9	0.150	5/9/2019 13:33	16.13	4.272	9.866	0.543
10	0.167	5/9/2019 13:33	16.19	4.259	9.836	0.513
11	0.183	5/9/2019 13:33	16.19	4.246	9.806	0.483
12	0.200	5/9/2019 13:33	16.19	4.232	9.774	0.450
13	0.217	5/9/2019 13:33	16.19	4.219	9.744	0.420
14	0.233	5/9/2019 13:33	16.13	4.209	9.721	0.397
15	0.250	5/9/2019 13:33	16.19	4.203	9.707	0.383
16	0.267	5/9/2019 13:33	16.19	4.196	9.691	0.367
17	0.283	5/9/2019 13:33	16.19	4.186	9.667	0.344
18	0.300	5/9/2019 13:33	16.13	4.179	9.651	0.328
19	0.317	5/9/2019 13:33	16.19	4.173	9.637	0.314
20	0.333	5/9/2019 13:33	16.19	4.166	9.621	0.298
21	0.350	5/9/2019 13:33	16.19	4.163	9.614	0.291
22	0.367	5/9/2019 13:33	16.19	4.156	9.598	0.275
23	0.383	5/9/2019 13:33	16.19	4.153	9.591	0.268
24	0.400	5/9/2019 13:33	16.19	4.146	9.575	0.252
25	0.417	5/9/2019 13:33	16.19	4.143	9.568	0.245
26	0.433	5/9/2019 13:33	16.19	4.136	9.552	0.229
27	0.450	5/9/2019 13:33	16.19	4.133	9.545	0.222
28	0.467	5/9/2019 13:33	16.19	4.13	9.538	0.215
29	0.483	5/9/2019 13:33	16.19	4.126	9.529	0.206
30	0.500	5/9/2019 13:33	16.19	4.123	9.522	0.199
31	0.517	5/9/2019 13:33	16.13	4.12	9.515	0.192
32	0.533	5/9/2019 13:33	16.19	4.116	9.506	0.182
33	0.550	5/9/2019 13:33	16.13	4.113	9.499	0.176
34	0.567	5/9/2019 13:33	16.19	4.11	9.492	0.169
35	0.583	5/9/2019 13:33	16.19	4.107	9.485	0.162
36	0.600	5/9/2019 13:33	16.19	4.103	9.476	0.152
37	0.617	5/9/2019 13:33	16.19	4.1	9.469	0.145
38	0.633	5/9/2019 13:33	16.19	4.1	9.469	0.145
39	0.650	5/9/2019 13:33	16.19	4.097	9.462	0.139
40	0.667	5/9/2019 13:33	16.13	4.093	9.453	0.129
41	0.683	5/9/2019 13:34	16.19	4.093	9.453	0.129
42	0.700	5/9/2019 13:34	16.19	4.09	9.446	0.122
43	0.717	5/9/2019 13:34	16.19	4.087	9.439	0.115
44	0.733	5/9/2019 13:34	16.19	4.087	9.439	0.115
45	0.750	5/9/2019 13:34	16.19	4.083	9.430	0.106
46	0.767	5/9/2019 13:34	16.13	4.083	9.430	0.106
47	0.783	5/9/2019 13:34	16.19	4.083	9.430	0.106
48	0.800	5/9/2019 13:34	16.19	4.08	9.423	0.099
49	0.817	5/9/2019 13:34	16.19	4.08	9.423	0.099

50	0.833	5/9/2019 13:34	16.13	4.08	9.423	0.099
51	0.850	5/9/2019 13:34	16.19	4.077	9.416	0.092
52	0.867	5/9/2019 13:34	16.19	4.077	9.416	0.092
53	0.883	5/9/2019 13:34	16.19	4.077	9.416	0.092
54	0.900	5/9/2019 13:34	16.13	4.074	9.409	0.085
55	0.917	5/9/2019 13:34	16.19	4.073	9.406	0.083
56	0.933	5/9/2019 13:34	16.19	4.073	9.406	0.083
57	0.950	5/9/2019 13:34	16.19	4.073	9.406	0.083
58	0.967	5/9/2019 13:34	16.19	4.073	9.406	0.083
59	0.983	5/9/2019 13:34	16.19	4.07	9.400	0.076
60	1.000	5/9/2019 13:34	16.19	4.07	9.400	0.076
61	1.017	5/9/2019 13:34	16.13	4.07	9.400	0.076
62	1.033	5/9/2019 13:34	16.13	4.07	9.400	0.076
63	1.050	5/9/2019 13:34	16.19	4.07	9.400	0.076
64	1.067	5/9/2019 13:34	16.13	4.07	9.400	0.076
65	1.083	5/9/2019 13:34	16.19	4.067	9.393	0.069
66	1.100	5/9/2019 13:34	16.19	4.07	9.400	0.076
67	1.117	5/9/2019 13:34	16.19	4.067	9.393	0.069
68	1.133	5/9/2019 13:34	16.13	4.067	9.393	0.069
69	1.150	5/9/2019 13:34	16.13	4.067	9.393	0.069
70	1.167	5/9/2019 13:34	16.13	4.067	9.393	0.069
71	1.183	5/9/2019 13:34	16.19	4.067	9.393	0.069
72	1.200	5/9/2019 13:34	16.19	4.064	9.386	0.062
73	1.217	5/9/2019 13:34	16.19	4.064	9.386	0.062
74	1.233	5/9/2019 13:34	16.19	4.064	9.386	0.062
75	1.250	5/9/2019 13:34	16.13	4.064	9.386	0.062
76	1.267	5/9/2019 13:34	16.13	4.064	9.386	0.062
77	1.283	5/9/2019 13:34	16.19	4.064	9.386	0.062
78	1.300	5/9/2019 13:34	16.19	4.064	9.386	0.062
79	1.317	5/9/2019 13:34	16.19	4.064	9.386	0.062
80	1.333	5/9/2019 13:34	16.13	4.064	9.386	0.062
81	1.350	5/9/2019 13:34	16.19	4.064	9.386	0.062
82	1.367	5/9/2019 13:34	16.19	4.064	9.386	0.062
83	1.383	5/9/2019 13:34	16.13	4.064	9.386	0.062
84	1.400	5/9/2019 13:34	16.13	4.06	9.376	0.053
85	1.417	5/9/2019 13:34	16.13	4.06	9.376	0.053
86	1.433	5/9/2019 13:34	16.19	4.06	9.376	0.053
87	1.450	5/9/2019 13:34	16.19	4.06	9.376	0.053
88	1.467	5/9/2019 13:34	16.13	4.06	9.376	0.053
89	1.483	5/9/2019 13:34	16.13	4.06	9.376	0.053
90	1.500	5/9/2019 13:34	16.19	4.06	9.376	0.053
91	1.517	5/9/2019 13:34	16.13	4.06	9.376	0.053
92	1.533	5/9/2019 13:34	16.19	4.06	9.376	0.053
93	1.550	5/9/2019 13:34	16.19	4.06	9.376	0.053
94	1.567	5/9/2019 13:34	16.19	4.06	9.376	0.053
95	1.583	5/9/2019 13:34	16.19	4.06	9.376	0.053
96	1.600	5/9/2019 13:34	16.13	4.06	9.376	0.053
97	1.617	5/9/2019 13:34	16.13	4.06	9.376	0.053
98	1.633	5/9/2019 13:34	16.19	4.057	9.370	0.046
99	1.650	5/9/2019 13:34	16.13	4.057	9.370	0.046
100	1.667	5/9/2019 13:34	16.19	4.057	9.370	0.046

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 10:54	15.75	4.2	9.700	0.000
2	0.033	5/9/2019 10:54	15.75	3.978	9.187	0.513
3	0.050	5/9/2019 10:54	15.75	4.157	9.600	0.099
4	0.067	5/9/2019 10:54	15.75	4.011	9.263	0.436
5	0.083	5/9/2019 10:54	15.75	3.667	8.469	1.231
6	0.100	5/9/2019 10:54	15.75	3.661	8.455	1.245
7	0.117	5/9/2019 10:54	15.75	3.737	8.630	1.069
8	0.133	5/9/2019 10:54	15.75	3.813	8.806	0.894
9	0.150	5/9/2019 10:54	15.75	3.879	8.958	0.741
10	0.167	5/9/2019 10:54	15.75	3.929	9.074	0.626
11	0.183	5/9/2019 10:54	15.75	3.965	9.157	0.543
12	0.200	5/9/2019 10:54	15.75	3.992	9.219	0.480
13	0.217	5/9/2019 10:54	15.81	4.011	9.263	0.436
14	0.233	5/9/2019 10:54	15.75	4.028	9.303	0.397
15	0.250	5/9/2019 10:54	15.75	4.041	9.333	0.367
16	0.267	5/9/2019 10:54	15.75	4.054	9.363	0.337
17	0.283	5/9/2019 10:54	15.75	4.064	9.386	0.314
18	0.300	5/9/2019 10:54	15.75	4.074	9.409	0.291
19	0.317	5/9/2019 10:54	15.75	4.084	9.432	0.268
20	0.333	5/9/2019 10:54	15.81	4.094	9.455	0.245
21	0.350	5/9/2019 10:54	15.75	4.104	9.478	0.222
22	0.367	5/9/2019 10:54	15.75	4.111	9.494	0.206
23	0.383	5/9/2019 10:54	15.75	4.117	9.508	0.192
24	0.400	5/9/2019 10:54	15.75	4.121	9.517	0.182
25	0.417	5/9/2019 10:54	15.75	4.127	9.531	0.169
26	0.433	5/9/2019 10:54	15.75	4.134	9.547	0.152
27	0.450	5/9/2019 10:54	15.75	4.137	9.554	0.145
28	0.467	5/9/2019 10:54	15.75	4.14	9.561	0.139
29	0.483	5/9/2019 10:54	15.75	4.147	9.577	0.122
30	0.500	5/9/2019 10:54	15.75	4.147	9.577	0.122
31	0.517	5/9/2019 10:54	15.75	4.15	9.584	0.115
32	0.533	5/9/2019 10:54	15.75	4.154	9.594	0.106
33	0.550	5/9/2019 10:54	15.75	4.157	9.600	0.099
34	0.567	5/9/2019 10:55	15.75	4.16	9.607	0.092
35	0.583	5/9/2019 10:55	15.75	4.164	9.617	0.083
36	0.600	5/9/2019 10:55	15.75	4.167	9.624	0.076
37	0.617	5/9/2019 10:55	15.75	4.167	9.624	0.076
38	0.633	5/9/2019 10:55	15.75	4.17	9.630	0.069
39	0.650	5/9/2019 10:55	15.75	4.174	9.640	0.060
40	0.667	5/9/2019 10:55	15.75	4.174	9.640	0.060
41	0.683	5/9/2019 10:55	15.81	4.177	9.647	0.053
42	0.700	5/9/2019 10:55	15.81	4.177	9.647	0.053
43	0.717	5/9/2019 10:55	15.75	4.18	9.654	0.046
44	0.733	5/9/2019 10:55	15.75	4.18	9.654	0.046
45	0.750	5/9/2019 10:55	15.75	4.184	9.663	0.037
46	0.767	5/9/2019 10:55	15.75	4.184	9.663	0.037
47	0.783	5/9/2019 10:55	15.75	4.184	9.663	0.037
48	0.800	5/9/2019 10:55	15.75	4.187	9.670	0.030
49	0.817	5/9/2019 10:55	15.75	4.187	9.670	0.030

50	0.833	5/9/2019 10:55	15.75	4.187	9.670	0.030
51	0.850	5/9/2019 10:55	15.75	4.19	9.677	0.023
52	0.867	5/9/2019 10:55	15.75	4.19	9.677	0.023
53	0.883	5/9/2019 10:55	15.75	4.193	9.684	0.016
54	0.900	5/9/2019 10:55	15.75	4.193	9.684	0.016
55	0.917	5/9/2019 10:55	15.75	4.193	9.684	0.016
56	0.933	5/9/2019 10:55	15.75	4.197	9.693	0.007
57	0.950	5/9/2019 10:55	15.81	4.197	9.693	0.007
58	0.967	5/9/2019 10:55	15.75	4.197	9.693	0.007
59	0.983	5/9/2019 10:55	15.81	4.197	9.693	0.007
60	1.000	5/9/2019 10:55	15.75	4.2	9.700	0.000
61	1.017	5/9/2019 10:55	15.75	4.2	9.700	0.000
62	1.033	5/9/2019 10:55	15.75	4.197	9.693	0.007
63	1.050	5/9/2019 10:55	15.81	4.2	9.700	0.000
64	1.067	5/9/2019 10:55	15.75	4.2	9.700	0.000
65	1.083	5/9/2019 10:55	15.81	4.2	9.700	0.000
66	1.100	5/9/2019 10:55	15.81	4.2	9.700	0.000
67	1.117	5/9/2019 10:55	15.81	4.2	9.700	0.000
68	1.133	5/9/2019 10:55	15.81	4.203	9.707	-0.007
69	1.150	5/9/2019 10:55	15.81	4.203	9.707	-0.007
70	1.167	5/9/2019 10:55	15.81	4.203	9.707	-0.007
71	1.183	5/9/2019 10:55	15.81	4.203	9.707	-0.007
72	1.200	5/9/2019 10:55	15.75	4.203	9.707	-0.007
73	1.217	5/9/2019 10:55	15.81	4.203	9.707	-0.007
74	1.233	5/9/2019 10:55	15.75	4.203	9.707	-0.007
75	1.250	5/9/2019 10:55	15.81	4.203	9.707	-0.007
76	1.267	5/9/2019 10:55	15.81	4.203	9.707	-0.007
77	1.283	5/9/2019 10:55	15.75	4.203	9.707	-0.007
78	1.300	5/9/2019 10:55	15.75	4.203	9.707	-0.007
79	1.317	5/9/2019 10:55	15.81	4.207	9.716	-0.016
80	1.333	5/9/2019 10:55	15.81	4.207	9.716	-0.016
81	1.350	5/9/2019 10:55	15.75	4.207	9.716	-0.016
82	1.367	5/9/2019 10:55	15.81	4.207	9.716	-0.016
83	1.383	5/9/2019 10:55	15.75	4.207	9.716	-0.016
84	1.400	5/9/2019 10:55	15.75	4.207	9.716	-0.016
85	1.417	5/9/2019 10:55	15.81	4.207	9.716	-0.016
86	1.433	5/9/2019 10:55	15.81	4.207	9.716	-0.016
87	1.450	5/9/2019 10:55	15.81	4.207	9.716	-0.016
88	1.467	5/9/2019 10:55	15.81	4.207	9.716	-0.016
89	1.483	5/9/2019 10:55	15.81	4.207	9.716	-0.016
90	1.500	5/9/2019 10:55	15.81	4.207	9.716	-0.016
91	1.517	5/9/2019 10:55	15.81	4.207	9.716	-0.016
92	1.533	5/9/2019 10:55	15.81	4.207	9.716	-0.016
93	1.550	5/9/2019 10:55	15.81	4.207	9.716	-0.016
94	1.567	5/9/2019 10:56	15.81	4.207	9.716	-0.016
95	1.583	5/9/2019 10:56	15.81	4.207	9.716	-0.016
96	1.600	5/9/2019 10:56	15.81	4.207	9.716	-0.016
97	1.617	5/9/2019 10:56	15.81	4.207	9.716	-0.016
98	1.633	5/9/2019 10:56	15.75	4.21	9.723	-0.023
99	1.650	5/9/2019 10:56	15.81	4.21	9.723	-0.023
100	1.667	5/9/2019 10:56	15.81	4.21	9.723	-0.023

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 15:20	16.19	3.981	9.194	0.000
2	0.033	5/9/2019 15:20	16.19	3.882	8.965	0.229
3	0.050	5/9/2019 15:20	16.19	3.875	8.949	0.245
4	0.067	5/9/2019 15:20	16.19	3.822	8.827	0.367
5	0.083	5/9/2019 15:20	16.19	3.481	8.039	1.155
6	0.100	5/9/2019 15:20	16.19	3.415	7.887	1.307
7	0.117	5/9/2019 15:20	16.19	3.488	8.055	1.139
8	0.133	5/9/2019 15:20	16.19	3.564	8.231	0.963
9	0.150	5/9/2019 15:20	16.19	3.63	8.383	0.811
10	0.167	5/9/2019 15:20	16.19	3.686	8.513	0.681
11	0.183	5/9/2019 15:20	16.19	3.729	8.612	0.582
12	0.200	5/9/2019 15:20	16.19	3.762	8.688	0.506
13	0.217	5/9/2019 15:20	16.19	3.786	8.744	0.450
14	0.233	5/9/2019 15:20	16.25	3.802	8.781	0.413
15	0.250	5/9/2019 15:20	16.19	3.815	8.811	0.383
16	0.267	5/9/2019 15:20	16.19	3.825	8.834	0.360
17	0.283	5/9/2019 15:20	16.19	3.835	8.857	0.337
18	0.300	5/9/2019 15:20	16.19	3.845	8.880	0.314
19	0.317	5/9/2019 15:20	16.19	3.852	8.896	0.298
20	0.333	5/9/2019 15:20	16.19	3.858	8.910	0.284
21	0.350	5/9/2019 15:21	16.19	3.865	8.926	0.268
22	0.367	5/9/2019 15:21	16.19	3.872	8.942	0.252
23	0.383	5/9/2019 15:21	16.19	3.878	8.956	0.238
24	0.400	5/9/2019 15:21	16.19	3.882	8.965	0.229
25	0.417	5/9/2019 15:21	16.19	3.888	8.979	0.215
26	0.433	5/9/2019 15:21	16.19	3.891	8.986	0.208
27	0.450	5/9/2019 15:21	16.19	3.895	8.995	0.199
28	0.467	5/9/2019 15:21	16.19	3.901	9.009	0.185
29	0.483	5/9/2019 15:21	16.19	3.905	9.018	0.176
30	0.500	5/9/2019 15:21	16.19	3.908	9.025	0.169
31	0.517	5/9/2019 15:21	16.19	3.915	9.042	0.152
32	0.533	5/9/2019 15:21	16.19	3.915	9.042	0.152
33	0.550	5/9/2019 15:21	16.19	3.918	9.048	0.145
34	0.567	5/9/2019 15:21	16.19	3.921	9.055	0.139
35	0.583	5/9/2019 15:21	16.19	3.925	9.065	0.129
36	0.600	5/9/2019 15:21	16.19	3.925	9.065	0.129
37	0.617	5/9/2019 15:21	16.19	3.931	9.079	0.115
38	0.633	5/9/2019 15:21	16.19	3.931	9.079	0.115
39	0.650	5/9/2019 15:21	16.19	3.934	9.085	0.109
40	0.667	5/9/2019 15:21	16.19	3.938	9.095	0.099
41	0.683	5/9/2019 15:21	16.19	3.938	9.095	0.099
42	0.700	5/9/2019 15:21	16.19	3.938	9.095	0.099
43	0.717	5/9/2019 15:21	16.19	3.941	9.102	0.092
44	0.733	5/9/2019 15:21	16.19	3.944	9.109	0.085
45	0.750	5/9/2019 15:21	16.19	3.944	9.109	0.085
46	0.767	5/9/2019 15:21	16.19	3.944	9.109	0.085
47	0.783	5/9/2019 15:21	16.19	3.948	9.118	0.076
48	0.800	5/9/2019 15:21	16.19	3.948	9.118	0.076
49	0.817	5/9/2019 15:21	16.19	3.951	9.125	0.069

50	0.833	5/9/2019 15:21	16.19	3.951	9.125	0.069
51	0.850	5/9/2019 15:21	16.19	3.951	9.125	0.069
52	0.867	5/9/2019 15:21	16.19	3.954	9.132	0.062
53	0.883	5/9/2019 15:21	16.19	3.954	9.132	0.062
54	0.900	5/9/2019 15:21	16.19	3.954	9.132	0.062
55	0.917	5/9/2019 15:21	16.19	3.954	9.132	0.062
56	0.933	5/9/2019 15:21	16.19	3.958	9.141	0.053
57	0.950	5/9/2019 15:21	16.19	3.958	9.141	0.053
58	0.967	5/9/2019 15:21	16.19	3.958	9.141	0.053
59	0.983	5/9/2019 15:21	16.19	3.958	9.141	0.053
60	1.000	5/9/2019 15:21	16.19	3.961	9.148	0.046
61	1.017	5/9/2019 15:21	16.19	3.961	9.148	0.046
62	1.033	5/9/2019 15:21	16.19	3.961	9.148	0.046
63	1.050	5/9/2019 15:21	16.19	3.961	9.148	0.046
64	1.067	5/9/2019 15:21	16.19	3.961	9.148	0.046
65	1.083	5/9/2019 15:21	16.19	3.964	9.155	0.039
66	1.100	5/9/2019 15:21	16.19	3.961	9.148	0.046
67	1.117	5/9/2019 15:21	16.19	3.964	9.155	0.039
68	1.133	5/9/2019 15:21	16.19	3.964	9.155	0.039
69	1.150	5/9/2019 15:21	16.19	3.964	9.155	0.039
70	1.167	5/9/2019 15:21	16.19	3.964	9.155	0.039
71	1.183	5/9/2019 15:21	16.19	3.964	9.155	0.039
72	1.200	5/9/2019 15:21	16.19	3.968	9.164	0.030
73	1.217	5/9/2019 15:21	16.19	3.968	9.164	0.030
74	1.233	5/9/2019 15:21	16.19	3.968	9.164	0.030
75	1.250	5/9/2019 15:21	16.19	3.968	9.164	0.030
76	1.267	5/9/2019 15:21	16.19	3.968	9.164	0.030
77	1.283	5/9/2019 15:21	16.19	3.968	9.164	0.030
78	1.300	5/9/2019 15:21	16.19	3.968	9.164	0.030
79	1.317	5/9/2019 15:21	16.19	3.968	9.164	0.030
80	1.333	5/9/2019 15:21	16.19	3.971	9.171	0.023
81	1.350	5/9/2019 15:22	16.19	3.971	9.171	0.023
82	1.367	5/9/2019 15:22	16.19	3.971	9.171	0.023
83	1.383	5/9/2019 15:22	16.19	3.971	9.171	0.023
84	1.400	5/9/2019 15:22	16.19	3.971	9.171	0.023
85	1.417	5/9/2019 15:22	16.19	3.971	9.171	0.023
86	1.433	5/9/2019 15:22	16.19	3.971	9.171	0.023
87	1.450	5/9/2019 15:22	16.19	3.971	9.171	0.023
88	1.467	5/9/2019 15:22	16.19	3.971	9.171	0.023
89	1.483	5/9/2019 15:22	16.19	3.974	9.178	0.016
90	1.500	5/9/2019 15:22	16.19	3.974	9.178	0.016
91	1.517	5/9/2019 15:22	16.19	3.974	9.178	0.016
92	1.533	5/9/2019 15:22	16.19	3.974	9.178	0.016
93	1.550	5/9/2019 15:22	16.19	3.974	9.178	0.016
94	1.567	5/9/2019 15:22	16.19	3.974	9.178	0.016
95	1.583	5/9/2019 15:22	16.19	3.974	9.178	0.016
96	1.600	5/9/2019 15:22	16.19	3.974	9.178	0.016
97	1.617	5/9/2019 15:22	16.19	3.974	9.178	0.016
98	1.633	5/9/2019 15:22	16.19	3.974	9.178	0.016
99	1.650	5/9/2019 15:22	16.19	3.974	9.178	0.016
100	1.667	5/9/2019 15:22	16.19	3.974	9.178	0.016

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 15:21	16.5	3.949	9.120	0.000
2	0.033	5/9/2019 15:21	16.5	3.969	9.166	0.046
3	0.050	5/9/2019 15:21	16.5	4.105	9.480	0.360
4	0.067	5/9/2019 15:21	16.5	4.31	9.954	0.834
5	0.083	5/9/2019 15:21	16.5	4.14	9.561	0.441
6	0.100	5/9/2019 15:21	16.5	4.232	9.774	0.654
7	0.117	5/9/2019 15:21	16.5	4.536	10.476	1.356
8	0.133	5/9/2019 15:21	16.5	4.473	10.330	1.210
9	0.150	5/9/2019 15:21	16.5	4.446	10.268	1.148
10	0.167	5/9/2019 15:21	16.5	4.428	10.226	1.106
11	0.183	5/9/2019 15:21	16.5	4.407	10.178	1.058
12	0.200	5/9/2019 15:21	16.5	4.398	10.157	1.037
13	0.217	5/9/2019 15:22	16.5	4.391	10.141	1.021
14	0.233	5/9/2019 15:22	16.56	4.384	10.125	1.005
15	0.250	5/9/2019 15:22	16.5	4.377	10.109	0.988
16	0.267	5/9/2019 15:22	16.56	4.37	10.092	0.972
17	0.283	5/9/2019 15:22	16.56	4.365	10.081	0.961
18	0.300	5/9/2019 15:22	16.56	4.358	10.065	0.945
19	0.317	5/9/2019 15:22	16.56	4.353	10.053	0.933
20	0.333	5/9/2019 15:22	16.56	4.348	10.042	0.921
21	0.350	5/9/2019 15:22	16.56	4.345	10.035	0.915
22	0.367	5/9/2019 15:22	16.56	4.342	10.028	0.908
23	0.383	5/9/2019 15:22	16.56	4.339	10.021	0.901
24	0.400	5/9/2019 15:22	16.56	4.337	10.016	0.896
25	0.417	5/9/2019 15:22	16.56	4.335	10.012	0.891
26	0.433	5/9/2019 15:22	16.56	4.333	10.007	0.887
27	0.450	5/9/2019 15:22	16.56	4.331	10.002	0.882
28	0.467	5/9/2019 15:22	16.56	4.331	10.002	0.882
29	0.483	5/9/2019 15:22	16.56	4.329	9.998	0.878
30	0.500	5/9/2019 15:22	16.56	4.328	9.995	0.875
31	0.517	5/9/2019 15:22	16.56	4.326	9.991	0.871
32	0.533	5/9/2019 15:22	16.56	4.325	9.988	0.868
33	0.550	5/9/2019 15:22	16.56	4.325	9.988	0.868
34	0.567	5/9/2019 15:22	16.56	4.323	9.984	0.864
35	0.583	5/9/2019 15:22	16.56	4.323	9.984	0.864
36	0.600	5/9/2019 15:22	16.56	4.322	9.982	0.861
37	0.617	5/9/2019 15:22	16.56	4.322	9.982	0.861
38	0.633	5/9/2019 15:22	16.56	4.322	9.982	0.861
39	0.650	5/9/2019 15:22	16.56	4.321	9.979	0.859
40	0.667	5/9/2019 15:22	16.56	4.321	9.979	0.859
41	0.683	5/9/2019 15:22	16.63	4.321	9.979	0.859
42	0.700	5/9/2019 15:22	16.56	4.321	9.979	0.859
43	0.717	5/9/2019 15:22	16.63	4.32	9.977	0.857
44	0.733	5/9/2019 15:22	16.63	4.318	9.972	0.852
45	0.750	5/9/2019 15:22	16.63	4.319	9.975	0.855
46	0.767	5/9/2019 15:22	16.63	4.318	9.972	0.852
47	0.783	5/9/2019 15:22	16.63	4.318	9.972	0.852
48	0.800	5/9/2019 15:22	16.63	4.317	9.970	0.850
49	0.817	5/9/2019 15:22	16.63	4.316	9.968	0.848

50	0.833	5/9/2019 15:22	16.63	4.316	9.968	0.848
51	0.850	5/9/2019 15:22	16.63	4.316	9.968	0.848
52	0.867	5/9/2019 15:22	16.63	4.315	9.965	0.845
53	0.883	5/9/2019 15:22	16.63	4.316	9.968	0.848
54	0.900	5/9/2019 15:22	16.63	4.315	9.965	0.845
55	0.917	5/9/2019 15:22	16.63	4.314	9.963	0.843
56	0.933	5/9/2019 15:22	16.63	4.314	9.963	0.843
57	0.950	5/9/2019 15:22	16.63	4.314	9.963	0.843
58	0.967	5/9/2019 15:22	16.63	4.314	9.963	0.843
59	0.983	5/9/2019 15:22	16.63	4.314	9.963	0.843
60	1.000	5/9/2019 15:22	16.63	4.314	9.963	0.843
61	1.017	5/9/2019 15:22	16.63	4.315	9.965	0.845
62	1.033	5/9/2019 15:22	16.63	4.314	9.963	0.843
63	1.050	5/9/2019 15:22	16.63	4.314	9.963	0.843
64	1.067	5/9/2019 15:22	16.63	4.313	9.961	0.841
65	1.083	5/9/2019 15:22	16.63	4.313	9.961	0.841
66	1.100	5/9/2019 15:22	16.63	4.312	9.958	0.838
67	1.117	5/9/2019 15:22	16.69	4.312	9.958	0.838
68	1.133	5/9/2019 15:22	16.63	4.312	9.958	0.838
69	1.150	5/9/2019 15:22	16.63	4.311	9.956	0.836
70	1.167	5/9/2019 15:22	16.63	4.31	9.954	0.834
71	1.183	5/9/2019 15:22	16.63	4.31	9.954	0.834
72	1.200	5/9/2019 15:22	16.63	4.31	9.954	0.834
73	1.217	5/9/2019 15:23	16.63	4.309	9.952	0.831
74	1.233	5/9/2019 15:23	16.69	4.31	9.954	0.834
75	1.250	5/9/2019 15:23	16.69	4.309	9.952	0.831
76	1.267	5/9/2019 15:23	16.63	4.309	9.952	0.831
77	1.283	5/9/2019 15:23	16.63	4.309	9.952	0.831
78	1.300	5/9/2019 15:23	16.63	4.31	9.954	0.834
79	1.317	5/9/2019 15:23	16.63	4.309	9.952	0.831
80	1.333	5/9/2019 15:23	16.69	4.309	9.952	0.831
81	1.350	5/9/2019 15:23	16.69	4.309	9.952	0.831
82	1.367	5/9/2019 15:23	16.69	4.31	9.954	0.834
83	1.383	5/9/2019 15:23	16.69	4.309	9.952	0.831
84	1.400	5/9/2019 15:23	16.63	4.309	9.952	0.831
85	1.417	5/9/2019 15:23	16.69	4.309	9.952	0.831
86	1.433	5/9/2019 15:23	16.69	4.308	9.949	0.829
87	1.450	5/9/2019 15:23	16.69	4.307	9.947	0.827
88	1.467	5/9/2019 15:23	16.69	4.308	9.949	0.829
89	1.483	5/9/2019 15:23	16.69	4.308	9.949	0.829
90	1.500	5/9/2019 15:23	16.69	4.307	9.947	0.827
91	1.517	5/9/2019 15:23	16.63	4.307	9.947	0.827
92	1.533	5/9/2019 15:23	16.69	4.307	9.947	0.827
93	1.550	5/9/2019 15:23	16.69	4.306	9.945	0.824
94	1.567	5/9/2019 15:23	16.69	4.306	9.945	0.824
95	1.583	5/9/2019 15:23	16.69	4.306	9.945	0.824
96	1.600	5/9/2019 15:23	16.69	4.306	9.945	0.824
97	1.617	5/9/2019 15:23	16.69	4.305	9.942	0.822
98	1.633	5/9/2019 15:23	16.69	4.305	9.942	0.822
99	1.650	5/9/2019 15:23	16.69	4.305	9.942	0.822
100	1.667	5/9/2019 15:23	16.69	4.306	9.945	0.824

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 16:42	16.94	4.355	10.058	0.000
2	0.033	5/9/2019 16:42	16.94	4.503	10.400	0.342
3	0.050	5/9/2019 16:42	16.94	4.561	10.533	0.476
4	0.067	5/9/2019 16:42	16.94	4.632	10.697	0.640
5	0.083	5/9/2019 16:42	16.94	4.576	10.568	0.510
6	0.100	5/9/2019 16:42	16.94	4.474	10.333	0.275
7	0.117	5/9/2019 16:42	16.88	4.828	11.150	1.092
8	0.133	5/9/2019 16:42	16.94	4.627	10.686	0.628
9	0.150	5/9/2019 16:42	16.94	4.606	10.637	0.580
10	0.167	5/9/2019 16:42	16.94	4.593	10.607	0.550
11	0.183	5/9/2019 16:42	16.94	4.583	10.584	0.527
12	0.200	5/9/2019 16:43	16.94	4.575	10.566	0.508
13	0.217	5/9/2019 16:43	16.94	4.569	10.552	0.494
14	0.233	5/9/2019 16:43	16.94	4.562	10.536	0.478
15	0.250	5/9/2019 16:43	16.94	4.558	10.527	0.469
16	0.267	5/9/2019 16:43	16.94	4.554	10.517	0.460
17	0.283	5/9/2019 16:43	16.94	4.55	10.508	0.450
18	0.300	5/9/2019 16:43	16.94	4.548	10.503	0.446
19	0.317	5/9/2019 16:43	16.94	4.544	10.494	0.436
20	0.333	5/9/2019 16:43	16.94	4.542	10.490	0.432
21	0.350	5/9/2019 16:43	16.94	4.539	10.483	0.425
22	0.367	5/9/2019 16:43	16.94	4.536	10.476	0.418
23	0.383	5/9/2019 16:43	16.94	4.535	10.473	0.416
24	0.400	5/9/2019 16:43	16.94	4.534	10.471	0.413
25	0.417	5/9/2019 16:43	16.94	4.531	10.464	0.406
26	0.433	5/9/2019 16:43	16.94	4.53	10.462	0.404
27	0.450	5/9/2019 16:43	16.94	4.529	10.460	0.402
28	0.467	5/9/2019 16:43	16.88	4.527	10.455	0.397
29	0.483	5/9/2019 16:43	16.94	4.527	10.455	0.397
30	0.500	5/9/2019 16:43	16.94	4.526	10.453	0.395
31	0.517	5/9/2019 16:43	16.94	4.525	10.450	0.393
32	0.533	5/9/2019 16:43	16.94	4.524	10.448	0.390
33	0.550	5/9/2019 16:43	16.94	4.523	10.446	0.388
34	0.567	5/9/2019 16:43	16.94	4.523	10.446	0.388
35	0.583	5/9/2019 16:43	16.94	4.522	10.443	0.386
36	0.600	5/9/2019 16:43	16.94	4.522	10.443	0.386
37	0.617	5/9/2019 16:43	16.94	4.521	10.441	0.383
38	0.633	5/9/2019 16:43	16.94	4.52	10.439	0.381
39	0.650	5/9/2019 16:43	16.94	4.52	10.439	0.381
40	0.667	5/9/2019 16:43	16.94	4.52	10.439	0.381
41	0.683	5/9/2019 16:43	16.88	4.52	10.439	0.381
42	0.700	5/9/2019 16:43	16.94	4.519	10.436	0.379
43	0.717	5/9/2019 16:43	16.94	4.519	10.436	0.379
44	0.733	5/9/2019 16:43	16.94	4.517	10.432	0.374
45	0.750	5/9/2019 16:43	16.94	4.518	10.434	0.376
46	0.767	5/9/2019 16:43	16.94	4.516	10.430	0.372
47	0.783	5/9/2019 16:43	16.94	4.517	10.432	0.374
48	0.800	5/9/2019 16:43	16.94	4.516	10.430	0.372
49	0.817	5/9/2019 16:43	16.94	4.516	10.430	0.372

50	0.833	5/9/2019 16:43	16.94	4.515	10.427	0.370
51	0.850	5/9/2019 16:43	16.94	4.517	10.432	0.374
52	0.867	5/9/2019 16:43	16.94	4.516	10.430	0.372
53	0.883	5/9/2019 16:43	16.94	4.515	10.427	0.370
54	0.900	5/9/2019 16:43	16.94	4.515	10.427	0.370
55	0.917	5/9/2019 16:43	16.88	4.515	10.427	0.370
56	0.933	5/9/2019 16:43	16.94	4.514	10.425	0.367
57	0.950	5/9/2019 16:43	16.94	4.515	10.427	0.370
58	0.967	5/9/2019 16:43	16.94	4.515	10.427	0.370
59	0.983	5/9/2019 16:43	16.94	4.515	10.427	0.370
60	1.000	5/9/2019 16:43	16.94	4.514	10.425	0.367
61	1.017	5/9/2019 16:43	16.94	4.514	10.425	0.367
62	1.033	5/9/2019 16:43	16.94	4.513	10.423	0.365
63	1.050	5/9/2019 16:43	16.94	4.514	10.425	0.367
64	1.067	5/9/2019 16:43	16.94	4.514	10.425	0.367
65	1.083	5/9/2019 16:43	16.94	4.513	10.423	0.365
66	1.100	5/9/2019 16:43	16.94	4.513	10.423	0.365
67	1.117	5/9/2019 16:43	16.94	4.513	10.423	0.365
68	1.133	5/9/2019 16:43	16.88	4.513	10.423	0.365
69	1.150	5/9/2019 16:43	16.94	4.513	10.423	0.365
70	1.167	5/9/2019 16:43	16.94	4.513	10.423	0.365
71	1.183	5/9/2019 16:43	16.94	4.513	10.423	0.365
72	1.200	5/9/2019 16:44	16.94	4.512	10.420	0.363
73	1.217	5/9/2019 16:44	16.94	4.513	10.423	0.365
74	1.233	5/9/2019 16:44	16.94	4.513	10.423	0.365
75	1.250	5/9/2019 16:44	16.94	4.512	10.420	0.363
76	1.267	5/9/2019 16:44	16.94	4.512	10.420	0.363
77	1.283	5/9/2019 16:44	16.94	4.512	10.420	0.363
78	1.300	5/9/2019 16:44	16.94	4.512	10.420	0.363
79	1.317	5/9/2019 16:44	16.94	4.512	10.420	0.363
80	1.333	5/9/2019 16:44	16.94	4.512	10.420	0.363
81	1.350	5/9/2019 16:44	16.94	4.512	10.420	0.363
82	1.367	5/9/2019 16:44	16.94	4.512	10.420	0.363
83	1.383	5/9/2019 16:44	16.94	4.511	10.418	0.360
84	1.400	5/9/2019 16:44	16.94	4.511	10.418	0.360
85	1.417	5/9/2019 16:44	16.94	4.511	10.418	0.360
86	1.433	5/9/2019 16:44	16.94	4.512	10.420	0.363
87	1.450	5/9/2019 16:44	16.94	4.511	10.418	0.360
88	1.467	5/9/2019 16:44	16.94	4.511	10.418	0.360
89	1.483	5/9/2019 16:44	16.94	4.511	10.418	0.360
90	1.500	5/9/2019 16:44	16.94	4.511	10.418	0.360
91	1.517	5/9/2019 16:44	16.94	4.511	10.418	0.360
92	1.533	5/9/2019 16:44	16.94	4.51	10.416	0.358
93	1.550	5/9/2019 16:44	16.94	4.511	10.418	0.360
94	1.567	5/9/2019 16:44	16.94	4.51	10.416	0.358
95	1.583	5/9/2019 16:44	16.94	4.51	10.416	0.358
96	1.600	5/9/2019 16:44	16.94	4.51	10.416	0.358
97	1.617	5/9/2019 16:44	16.94	4.51	10.416	0.358
98	1.633	5/9/2019 16:44	16.94	4.51	10.416	0.358
99	1.650	5/9/2019 16:44	16.94	4.51	10.416	0.358
100	1.667	5/9/2019 16:44	16.94	4.51	10.416	0.358

Elapsed Time (Sec)	Elapsed Time (Min)	Date / Time	Temp. (°C)	Pressure (p.s.i.)	Water Column (Feet)	Displacement (Feet)
1	0.017	5/9/2019 15:58	16.94	4.504	10.402	0.000
2	0.033	5/9/2019 15:58	16.94	4.235	9.781	0.621
3	0.050	5/9/2019 15:58	16.88	4.095	9.457	0.945
4	0.067	5/9/2019 15:58	16.88	4.128	9.533	0.868
5	0.083	5/9/2019 15:58	16.88	3.96	9.145	1.256
6	0.100	5/9/2019 15:58	16.88	3.699	8.543	1.859
7	0.117	5/9/2019 15:58	16.88	3.844	8.878	1.524
8	0.133	5/9/2019 15:58	16.88	3.934	9.085	1.316
9	0.150	5/9/2019 15:58	16.88	4.003	9.245	1.157
10	0.167	5/9/2019 15:58	16.88	4.042	9.335	1.067
11	0.183	5/9/2019 15:58	16.88	4.065	9.388	1.014
12	0.200	5/9/2019 15:58	16.88	4.086	9.436	0.965
13	0.217	5/9/2019 15:58	16.88	4.096	9.460	0.942
14	0.233	5/9/2019 15:58	16.88	4.106	9.483	0.919
15	0.250	5/9/2019 15:58	16.88	4.114	9.501	0.901
16	0.267	5/9/2019 15:58	16.88	4.12	9.515	0.887
17	0.283	5/9/2019 15:58	16.88	4.124	9.524	0.878
18	0.300	5/9/2019 15:58	16.88	4.13	9.538	0.864
19	0.317	5/9/2019 15:58	16.94	4.135	9.550	0.852
20	0.333	5/9/2019 15:58	16.88	4.137	9.554	0.848
21	0.350	5/9/2019 15:58	16.88	4.142	9.566	0.836
22	0.367	5/9/2019 15:58	16.88	4.146	9.575	0.827
23	0.383	5/9/2019 15:58	16.88	4.148	9.580	0.822
24	0.400	5/9/2019 15:58	16.88	4.151	9.587	0.815
25	0.417	5/9/2019 15:58	16.88	4.152	9.589	0.813
26	0.433	5/9/2019 15:58	16.88	4.155	9.596	0.806
27	0.450	5/9/2019 15:58	16.88	4.156	9.598	0.804
28	0.467	5/9/2019 15:58	16.88	4.158	9.603	0.799
29	0.483	5/9/2019 15:58	16.94	4.159	9.605	0.797
30	0.500	5/9/2019 15:58	16.94	4.161	9.610	0.792
31	0.517	5/9/2019 15:58	16.88	4.164	9.617	0.785
32	0.533	5/9/2019 15:58	16.88	4.165	9.619	0.783
33	0.550	5/9/2019 15:58	16.88	4.165	9.619	0.783
34	0.567	5/9/2019 15:58	16.88	4.167	9.624	0.778
35	0.583	5/9/2019 15:58	16.88	4.169	9.628	0.774
36	0.600	5/9/2019 15:58	16.88	4.17	9.630	0.771
37	0.617	5/9/2019 15:58	16.94	4.171	9.633	0.769
38	0.633	5/9/2019 15:58	16.88	4.173	9.637	0.764
39	0.650	5/9/2019 15:58	16.88	4.174	9.640	0.762
40	0.667	5/9/2019 15:58	16.88	4.175	9.642	0.760
41	0.683	5/9/2019 15:58	16.88	4.176	9.644	0.758
42	0.700	5/9/2019 15:58	16.88	4.177	9.647	0.755
43	0.717	5/9/2019 15:58	16.88	4.177	9.647	0.755
44	0.733	5/9/2019 15:58	16.88	4.178	9.649	0.753
45	0.750	5/9/2019 15:58	16.94	4.18	9.654	0.748
46	0.767	5/9/2019 15:58	16.88	4.18	9.654	0.748
47	0.783	5/9/2019 15:58	16.88	4.181	9.656	0.746
48	0.800	5/9/2019 15:58	16.88	4.182	9.658	0.744
49	0.817	5/9/2019 15:58	16.88	4.182	9.658	0.744

50	0.833	5/9/2019 15:58	16.88	4.182	9.658	0.744
51	0.850	5/9/2019 15:58	16.88	4.184	9.663	0.739
52	0.867	5/9/2019 15:58	16.88	4.184	9.663	0.739
53	0.883	5/9/2019 15:59	16.88	4.184	9.663	0.739
54	0.900	5/9/2019 15:59	16.88	4.185	9.665	0.737
55	0.917	5/9/2019 15:59	16.88	4.185	9.665	0.737
56	0.933	5/9/2019 15:59	16.88	4.185	9.665	0.737
57	0.950	5/9/2019 15:59	16.88	4.186	9.667	0.734
58	0.967	5/9/2019 15:59	16.88	4.187	9.670	0.732
59	0.983	5/9/2019 15:59	16.88	4.187	9.670	0.732
60	1.000	5/9/2019 15:59	16.88	4.188	9.672	0.730
61	1.017	5/9/2019 15:59	16.88	4.188	9.672	0.730
62	1.033	5/9/2019 15:59	16.88	4.188	9.672	0.730
63	1.050	5/9/2019 15:59	16.88	4.188	9.672	0.730
64	1.067	5/9/2019 15:59	16.88	4.189	9.674	0.727
65	1.083	5/9/2019 15:59	16.88	4.189	9.674	0.727
66	1.100	5/9/2019 15:59	16.88	4.19	9.677	0.725
67	1.117	5/9/2019 15:59	16.88	4.19	9.677	0.725
68	1.133	5/9/2019 15:59	16.88	4.19	9.677	0.725
69	1.150	5/9/2019 15:59	16.88	4.191	9.679	0.723
70	1.167	5/9/2019 15:59	16.88	4.19	9.677	0.725
71	1.183	5/9/2019 15:59	16.88	4.191	9.679	0.723
72	1.200	5/9/2019 15:59	16.88	4.192	9.681	0.721
73	1.217	5/9/2019 15:59	16.88	4.192	9.681	0.721
74	1.233	5/9/2019 15:59	16.88	4.192	9.681	0.721
75	1.250	5/9/2019 15:59	16.88	4.192	9.681	0.721
76	1.267	5/9/2019 15:59	16.88	4.192	9.681	0.721
77	1.283	5/9/2019 15:59	16.88	4.192	9.681	0.721
78	1.300	5/9/2019 15:59	16.88	4.192	9.681	0.721
79	1.317	5/9/2019 15:59	16.88	4.192	9.681	0.721
80	1.333	5/9/2019 15:59	16.88	4.194	9.686	0.716
81	1.350	5/9/2019 15:59	16.88	4.193	9.684	0.718
82	1.367	5/9/2019 15:59	16.88	4.194	9.686	0.716
83	1.383	5/9/2019 15:59	16.88	4.194	9.686	0.716
84	1.400	5/9/2019 15:59	16.88	4.194	9.686	0.716
85	1.417	5/9/2019 15:59	16.88	4.195	9.688	0.714
86	1.433	5/9/2019 15:59	16.88	4.194	9.686	0.716
87	1.450	5/9/2019 15:59	16.88	4.195	9.688	0.714
88	1.467	5/9/2019 15:59	16.88	4.195	9.688	0.714
89	1.483	5/9/2019 15:59	16.88	4.195	9.688	0.714
90	1.500	5/9/2019 15:59	16.88	4.195	9.688	0.714
91	1.517	5/9/2019 15:59	16.88	4.195	9.688	0.714
92	1.533	5/9/2019 15:59	16.88	4.195	9.688	0.714
93	1.550	5/9/2019 15:59	16.88	4.196	9.691	0.711
94	1.567	5/9/2019 15:59	16.88	4.196	9.691	0.711
95	1.583	5/9/2019 15:59	16.88	4.196	9.691	0.711
96	1.600	5/9/2019 15:59	16.88	4.197	9.693	0.709
97	1.617	5/9/2019 15:59	16.88	4.196	9.691	0.711
98	1.633	5/9/2019 15:59	16.88	4.197	9.693	0.709
99	1.650	5/9/2019 15:59	16.88	4.197	9.693	0.709
100	1.667	5/9/2019 15:59	16.88	4.197	9.693	0.709