

SEWER AREA STUDY

FOR

COMMERCIAL CENTER

LOCATED AT

NWC 190TH STREET AND WESTERN AVENUE

CITY OF TORRANCE, CALIFORNIA

Prepared for

CALBAY DEVELOPMENT & INVESTMENTS

Prepared By:

DRC Engineering Inc.

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Jeptha Brander, P.E.



Project No. 18-935

January 22, 2020

Revised October 24, 2020

Updated September 13, 2021

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INTRODUCTION

The purpose of this report is to verify the capacity of the existing public sewer main serving the proposed project and to determine the average and peak flows with the addition of the sewage generated by the proposed project into the existing public system. This report will show that the existing public sewer mains will have the capacity to convey the sewage generated from the proposed site and existing tributary areas to the public sewer system as it flows from the 8" VCP sewer in 190th Street North to 178th street prior to entering the 57" RCP Los Angeles County sewer in 178th Street.

The project is located on approximately 5.28 acres of land located at the Northwest corner of the intersection of 190th Street and Western Avenue. Portions of the property have easements to various agencies limiting the developable area to approximately 4.82 acres. Currently the proposed project includes the demolition of an existing restaurant (vacant) and construction of five commercial buildings with pavement, curbs, gutters, sidewalks, and landscaping. Additional improvements will include on-site water, sewer and storm drain facilities.

Sewage generated on-site will be conveyed to existing public facilities by two proposed 6" private sewer laterals. The proposed private laterals will connect to the existing 8" public sewer main located in 190th Street (constructed per SS-214). The 8" sewer line will collect sewerage from the proposed project and continue east to the 8" VCP located in Western Avenue. From Western Avenue, the sewer flows north continuing to 178th Street. The 8" Western Ave. line confluences with an 8" line (SS-28) and is conveyed to the existing 57" RCP LACSD joint outfall running east near the intersection of Western Avenue and 178th Street.

1. PROPOSED SEWER DEMAND OF PROJECT

In order to determine the proposed site discharge, the Los Angeles County Sanitation District Will Serve Table 1 (included in Appendix B) Loadings for each class of land use was used. The proposed site is a commercial center and prospective tenants have not been identified. From Table 1 the most conservative type use would be loading based on Restaurant occupancies.

From the Sewer Generation Factor:

Restaurants = 1,000 GPD per 1,000 SF building

The following guidelines from the City of Torrance were used:

1. Manning's coefficient, "n" = 0.013
2. Maximum allowable capacity for all sewer pipes 12" diameter and under = 50%
3. Maximum allowable capacity for all sewer pipes over 12" diameter = 75%
4. Recommended minimum design velocity = 2 ft/sec

Building	Use	SF	SWR Flow gpd ⁽¹⁾	SWR Flow cfs	SWR Flow Peaked ⁽²⁾ (cfs)	SWR Flow Peaked (MGD)
One	R	3500	3500	0.0054	0.0143	0.0093
Two	R	3950	3950	0.0061	0.0162	0.0105
Three	R	4870	4870	0.0075	0.0200	0.0129
Four (A)	R	5700	5700	0.0088	0.0234	0.0151
Four (B)	R	5700	5700	0.0088	0.0234	0.0151
Overall Site		23720	23720	0.0367	0.0972	0.0629

1. Sewer Flow generation 1,000 gpd per 1,000 SF from LA Co. Sanitation District Will Serve Table 1

2. 2.65 Peak factor

The proposed project discharge peak flow is expected to add 0.097 cfs to the system.

2. EXISTING FLOW IN THE PUBLIC SYSTEM

The proposed development site is at the upstream terminus of the 8" VCP sewer line and the interim tributary areas to the Western Avenue sewer appear to be fully developed. Existing sewer flows are based on Monitoring Data conducted by USCubed (see Appendix C.) Flow monitoring was conducted over the course of two weeks (Nov. 21 to Dec. 9, 2019) at three manhole locations provided by the City of Torrance. Data was recorded at 15-minute intervals during monitoring. In the current condition the proposed site is vacant and assumed to contribute no flows to the monitoring data. Therefore, the below table does not reflect any flow in the approximately 1640 LF of 8" sewer from 190th Street to the monitored manhole near the intersection of Western and 186nd Street. The monitoring data maximum flow (mgd) was utilized for conversion to cubic feet per second for further evaluation:

MH	Size	Flow Depth Max. (in)	D/d	SWR Flow Max. (mgd)	SWR Flow Max (cfs)
4+06	8	2.88	36.00%	0.1370	0.2120
17+06	8	2.64	33.00%	0.1170	0.1810
27+82	8	2.28	28.50%	0.0820	0.1269

Pipe slope of 0.4% was used to model the existing 8" VCP pipe from 186 Street north to manhole 4+06 at the LACSD connection at 178th Street.

The software used in determining pipe capacity and velocity in the sewer mains is Bentley Flowmaster, v8i. Output from the program is included in Appendix D Calculations. Available record drawings are included in Appendix E.

3. RESULTS AND CONCLUSIONS

The results of the existing sewer flows were combined with the expected site peak flows. Note- per city review comments City of Torrance has recently approved construction of a 46-unit apartment building at 18021 Western Avenue (PM 78228, DIV 18-00012.) This development will share same city sewer mainlines as this proposed development. The proposed peak flows from the apartments is expected to be 0.028 cfs tied in at sta. 4+06. This additional proposed flow has been incorporated into the model to determine the new expected flow depth for calculation of D/d ratio:

MH	Size	Ex. SWR Flow Max. (cfs)	Pr. SWR Flow Max (cfs)	SWR Flow Peaked (MGD)	Flow Depth Max. (in)	D/d	Velocity (ft/s)
4+06	8	0.2120	0.3372	0.2180	3.72	46.50%	2.12
17+06	8	0.1810	0.2783	0.1799	3.36	42.00%	2.02
27+82	8	0.1269	0.2241	0.1449	3	37.50%	1.90
190TH	8	0	0.0972	0.0629	2.0	25.00%	1.39

For the 1640 LF of 8" VCP from 190th to the connection at manhole 27+82 a pipe slope of 0.32% was used, this reflects the indicated slope of pipe in 190th.

Normal self cleaning velocity is 2 ft/sec. This will be met on all segments of city sewer in Western Ave. North of 186th Street. The portion of city sewer south of 186th street will not achieve desired self-cleaning velocity. Based on the expected project peak flow combined with known existing flows the existing public sewer main has been shown to have sufficient capacity to convey the additional project sewer flows. City mainline will remain below design guideline D/d ratio of 0.5. Therefore, the proposed project will not require any mitigation measures.

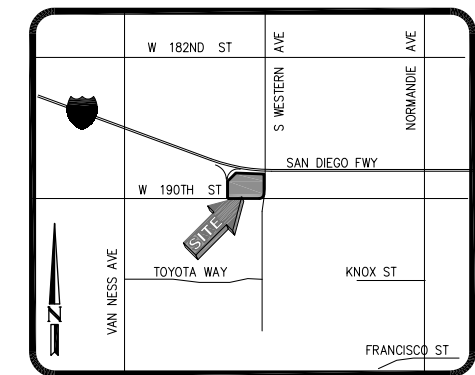
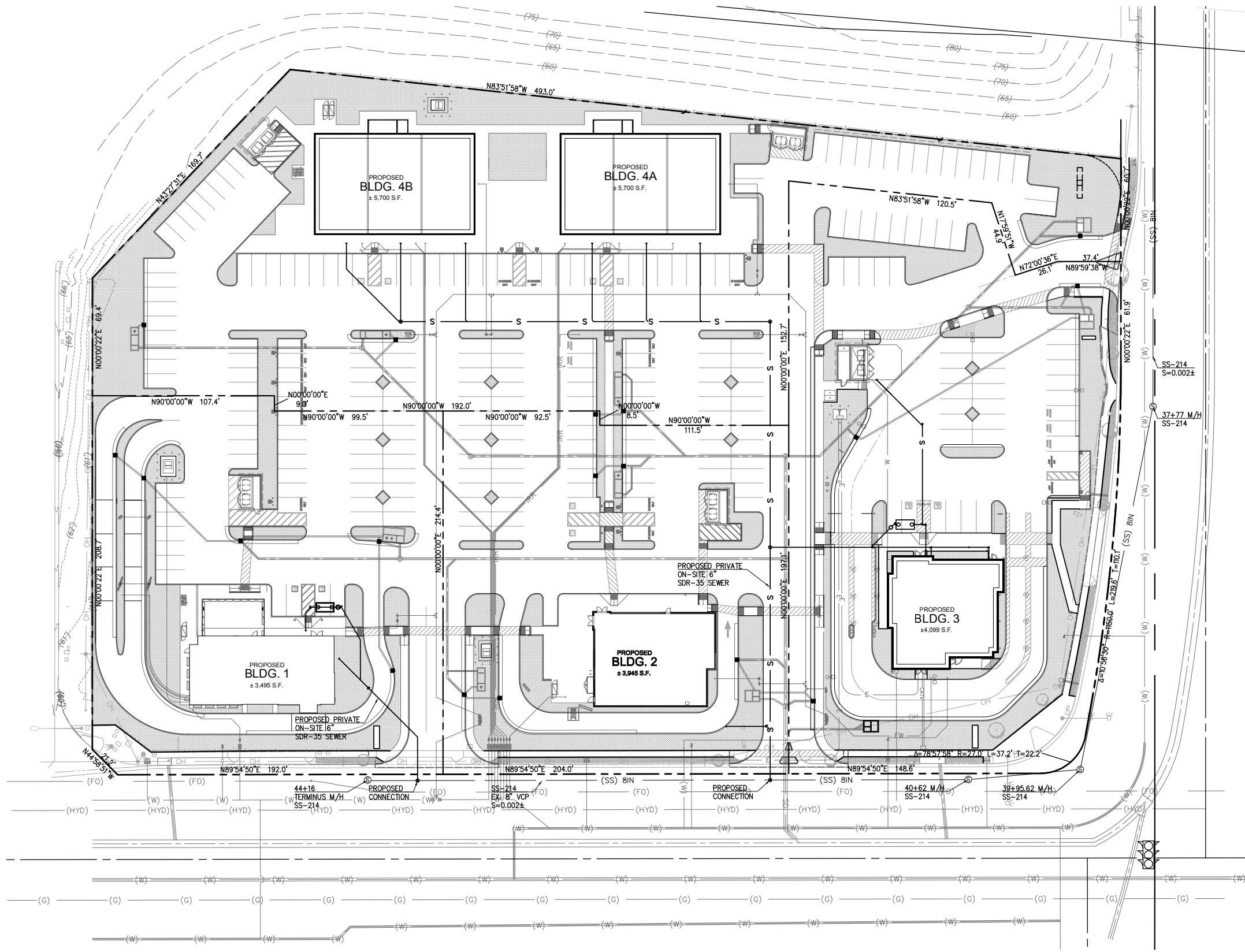
APPENDIX A

VICINITY MAP



CONCEPTUAL SITE PLAN FOR SEWER STUDY

PROPOSED TORRANCE CENTER NWC WESTERN AVENUE AND 190TH STREET TORRANCE, California



Building	Use	SF	SWR Flow gpd (1)	SWR Flow cfs	SWR Flow Peaked (cfs)	SWR Flow Peaked (MGD)
One	R	3500	3500	0.0054	0.0143	0.0093
Two	R	3950	3950	0.0061	0.0162	0.0105
Three	R	4870	4870	0.0075	0.0200	0.0129
Four (A)	R	5700	5700	0.0088	0.0234	0.0151
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Overall Site		23720	23720	0.0367	0.0972	0.0629

(1) SEWER FLOW GENERATION PER TABLE 1 OF LA CO. SANITATION WILL SERVE LOADING FOR CLASS OF LAND USE
 (2) 2.85 PEAKING FACTOR
 (3) BUILDING 3 SHOWN AS CURRENT PROPOSED 4,100±SF RESTAURANT, 4,870 SF POTENTIAL ULTIMATE BUILD OUT SIZE UTILIZED FOR STUDY

160 S. Old Springs Road
 Suite 210
 Anaheim Hills, CA 92808
 714-685-6860

MDPRC
 Civil Engineering/Land Surveying/Land Planning

JEPHIA BRANDER
 R.C.E. 83987
 DATE

NO.: REVISION:

NO.	REVISION	DATE

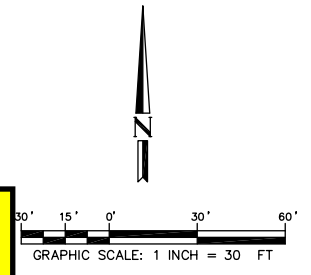
PROJECT: **CALBAY TORRANCE
 190TH ST &
 CITY OF TORRANCE**

DRAWING NAME: **SITE PLAN**

ISSUE: CG
 DATE: 2021/09/20
 CHECKED: JB DRAWN: JS
 DRAWING FILE: 18935CG100

PROJECT NO.: **18-035**
 SHEET NUMBER:
1
 OF 1 SHEETS
 SCALE: AS SHOWN

**FULL-SIZE MAP AT
 END OF REPORT**

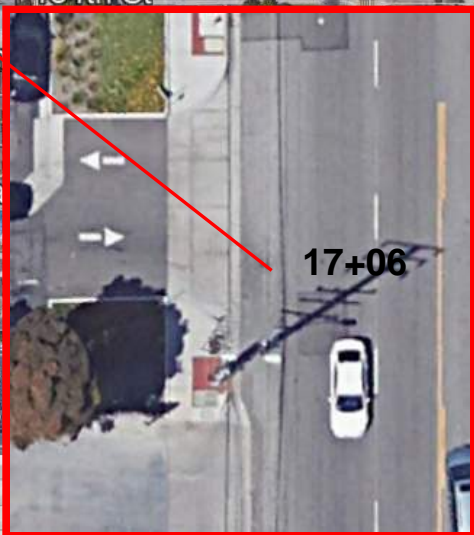
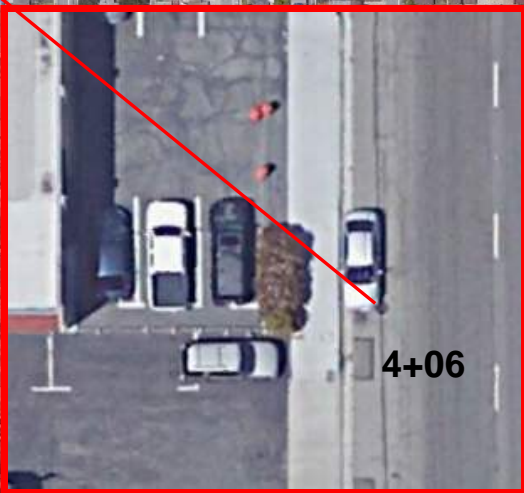


NOT FOR CONSTRUCTION

FILENAME: M:\2018\18-035 Calbay Torrance\Reports\Site Study\Appendices\Appendix A Maps\18-035 Torrance SP.dwg, LAST SAVED ON: Sep 20 2021 12:03pm PLOTTED BY: JAY, ON: Sep 21 2021 11:18am, C7C

Legend
📌 18-935 Calbay Torrance

All MHs located
this side of
Western



18-935
Calbay Torrance



1000 ft

APPENDIX B

Table 1 Sewer Generation Loading

TABLE 1
LOADINGS FOR EACH CLASS OF LAND USE

<u>DESCRIPTION</u>	<u>UNIT OF MEASURE</u>	<u>FLOW (Gallons Per Day)</u>	<u>COD (Pounds Per Day)</u>	<u>SUSPENDED SOLIDS (Pounds Per Day)</u>
RESIDENTIAL				
Single Family Home	Parcel	260	1.22	0.59
Duplex	Parcel	312	1.46	0.70
Triplex	Parcel	468	2.19	1.05
Fourplex	Parcel	624	2.92	1.40
Condominiums	Parcel	195	0.92	0.44
Single Family Home (reduced rate)	Parcel	156	0.73	0.35
Five Units or More	No. of Dwlg. Units	156	0.73	0.35
Mobile Home Parks	No. of Spaces	156	0.73	0.35
COMMERCIAL				
Hotel/Motel/Rooming House	Room	125	0.54	0.28
Store	1000 ft ²	100	0.43	0.23
Supermarket	1000 ft ²	150	2.00	1.00
Shopping Center	1000 ft ²	325	3.00	1.17
Regional Mall	1000 ft ²	150	2.10	0.77
Office Building	1000 ft ²	200	0.86	0.45
Professional Building	1000 ft ²	300	1.29	0.68
Restaurant	1000 ft ²	1,000	16.68	5.00
Indoor Theatre	1000 ft ²	125	0.54	0.28
Car Wash				
Tunnel - No Recycling	1000 ft ²	3,700	15.86	8.33
Tunnel - Recycling	1000 ft ²	2,700	11.74	6.16
Wand	1000 ft ²	700	3.00	1.58
Financial Institution	1000 ft ²	100	0.43	0.23
Service Shop	1000 ft ²	100	0.43	0.23
Animal Kennels	1000 ft ²	100	0.43	0.23
Service Station	1000 ft ²	100	0.43	0.23
Auto Sales/Repair	1000 ft ²	100	0.43	0.23
Wholesale Outlet	1000 ft ²	100	0.43	0.23
Nursery/Greenhouse	1000 ft ²	25	0.11	0.06
Manufacturing	1000 ft ²	200	1.86	0.70
Dry Manufacturing	1000 ft ²	25	0.23	0.09
Lumber Yard	1000 ft ²	25	0.23	0.09
Warehousing	1000 ft ²	25	0.23	0.09
Open Storage	1000 ft ²	25	0.23	0.09
Drive-in Theatre	1000 ft ²	20	0.09	0.05

TABLE 1
(continued)
LOADINGS FOR EACH CLASS OF LAND USE

<u>DESCRIPTION</u>	<u>UNIT OF MEASURE</u>	<u>FLOW (Gallons Per Day)</u>	<u>COD (Pounds Per Day)</u>	<u>SUSPENDED SOLIDS (Pounds Per Day)</u>
COMMERCIAL				
Night Club	1000 ft ²	350	1.50	0.79
Bowling/Skating	1000 ft ²	150	1.76	0.55
Club	1000 ft ²	125	0.54	0.27
Auditorium, Amusement	1000 ft ²	350	1.50	0.79
Golf Course, Camp, and Park (Structures and Improvements	1000 ft ²	100	0.43	0.23
Recreational Vehicle Park	No. of Spaces	55	0.34	0.14
Convalescent Home	Bed	125	0.54	0.28
Laundry	1000 ft ²	3,825	16.40	8.61
Mortuary/Cemetery	1000 ft ²	100	1.33	0.67
Health Spa, Gymnasium				
With Showers	1000 ft ²	600	2.58	1.35
Without Showers	1000 ft ²	300	1.29	0.68
Convention Center, Fairground, Racetrack, Sports Stadium/Arena	Average Daily Attendance	10	0.04	0.02
INSTITUTIONAL				
College/University	Student	20	0.09	0.05
Private School	1000 ft ²	200	0.86	0.45
Church	1000 ft ²	50	0.21	0.11


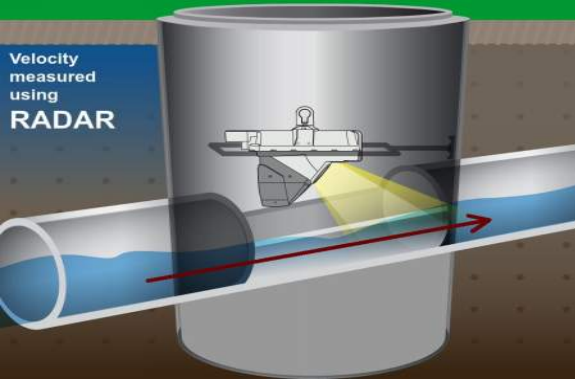

APPENDIX C

Sewer monitoring data by USCubed

Collected November to December 2019



Confidential Proprietary Information

<p>DRC Engineering</p> <p>2019.11 N Western MH</p>	<p>MH at ~17821 S. Western Av Gardena, CA 90248 MH # unknown</p>																																																																																																																				
<p>Access: MH in SB parking lane, E of address</p>	<p>System Type: Sanitary <input checked="" type="checkbox"/> Storm <input type="checkbox"/></p> <p>Install Date: 11/21/2019</p>																																																																																																																				
<p style="text-align: center;">Map</p> 	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th colspan="4" style="text-align: center;">Flow Meter</th></tr> <tr><td colspan="4">Meter Depth: 119"</td></tr> <tr><td colspan="4">MH Coordinates: 33.868353, -118.309285</td></tr> <tr><td colspan="4">Moderate open channel hydraulics</td></tr> <tr> <th>Avg Velocity</th> <th>Avg Measured Level</th> <th colspan="2">Multiplier</th> </tr> <tr> <td>1.5 fps</td> <td>1.66"</td> <td colspan="2">1.0</td> </tr> <tr><th colspan="4" style="text-align: center;">Gas</th></tr> <tr> <th>O2</th> <th>H2S</th> <th>CO</th> <th>LEL</th> </tr> <tr> <td>20.9</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr><th colspan="4" style="text-align: center;">Notes</th></tr> <tr><td colspan="4">No laterals; monitored the downstream line as it provided the best hydraulics.</td></tr> <tr><th colspan="4" style="text-align: center;">Traffic Safety</th></tr> <tr><td colspan="4">No formal TCP required; used cones & signs per site-specific CA MUTCD TC requirements.</td></tr> <tr><th colspan="4" style="text-align: center;">Land Use</th></tr> <tr> <th>Residential</th> <th>Commercial</th> <th>Industrial</th> <th>Trunk</th> </tr> <tr> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td colspan="2">Manhole Depth</td> <td colspan="2">129"</td> </tr> <tr> <td colspan="2">Monitored Pipe Size</td> <td colspan="2">8"</td> </tr> <tr> <td colspan="2">Inner Pipe Size (In/Out)</td> <td colspan="2">8"/8"</td> </tr> <tr> <td colspan="2">Pipe Shape</td> <td colspan="2">Round</td> </tr> <tr> <td colspan="2">Pipe Condition</td> <td colspan="2">Good</td> </tr> <tr> <td colspan="2">Manhole Material</td> <td colspan="2">Brick</td> </tr> <tr> <td colspan="2">Silt</td> <td colspan="2">0</td> </tr> <tr> <td colspan="2">Velocity Profile Data</td> <td colspan="2">*</td> </tr> <tr> <td colspan="2">Velocity Profile Taken</td> <td colspan="2">0.4 2-D</td> </tr> <tr> <td colspan="2">Sensor Offset</td> <td colspan="2">10.91"</td> </tr> <tr> <td colspan="2">Sensor Dist. to Crown</td> <td colspan="2">2.91"</td> </tr> <tr> <td colspan="2">Sensor Direction</td> <td colspan="2">Downstream</td> </tr> <tr> <td colspan="2">Flow Heading</td> <td colspan="2">North</td> </tr> </table>	Flow Meter				Meter Depth: 119"				MH Coordinates: 33.868353, -118.309285				Moderate open channel hydraulics				Avg Velocity	Avg Measured Level	Multiplier		1.5 fps	1.66"	1.0		Gas				O2	H2S	CO	LEL	20.9	0	0	0	Notes				No laterals; monitored the downstream line as it provided the best hydraulics.				Traffic Safety				No formal TCP required; used cones & signs per site-specific CA MUTCD TC requirements.				Land Use				Residential	Commercial	Industrial	Trunk		X			Manhole Depth		129"		Monitored Pipe Size		8"		Inner Pipe Size (In/Out)		8"/8"		Pipe Shape		Round		Pipe Condition		Good		Manhole Material		Brick		Silt		0		Velocity Profile Data		*		Velocity Profile Taken		0.4 2-D		Sensor Offset		10.91"		Sensor Dist. to Crown		2.91"		Sensor Direction		Downstream		Flow Heading		North	
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Temporary Flow Study

DRC Engineering
2019.11 N Western MH

Meter Start Date	From	11/21/2019	
Meter Stop Date	To	12/9/2019	
Velocity (fps)	Level (in)	Flow (mgd)	
Average	1.526	1.634	0.053
Maximum	2.260	2.640	0.137
Minimum	0.540	0.980	0.013
Pipe Size	8.000		
Estimated Capacity (mgd)	Not Calculated		
Capacity Used	Not Calculated		
Sensor Type	Hach - Flodar		

Utility Systems, Science and Software

9314 Bond Av, Suite A
El Cajon, CA 92021

601 N. Parkcenter Drive Suite 209
Santa Ana, CA 92705





Meter Site Document

2019.11 N Western MH

MH at ~17821 S. Western Av

Gardena, CA 90248

Site



Manhole During Install



Installation Process



Installed



Downstream Pipe Size



Downstream





Utility Systems Science and Software

Report Date: 12/09/2019
 Customer: DRC Engineering
 Group: Commercial Center Proj
 Site: 2019.11 N Western MH

Statistics for 2019.11 N Western MH: 11/21/2019 thru 12/09/2019

Date	Flow (GPM)			Flow (MGD)			Velocity (FPS)			Level (inches)			Total Gal	Rain
	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		
11/21/19	54.12	66.80	34.60	0.08	0.10	0.05	1.92	2.16	1.41	1.89	2.13	1.68	77,932	
11/22/19	40.61	63.82	17.27	0.06	0.09	0.02	1.71	2.25	1.08	1.63	1.92	1.21	58,475	
11/23/19	40.23	63.86	11.05	0.06	0.09	0.02	1.60	2.14	0.69	1.67	2.20	1.25	57,928	
11/24/19	34.11	53.48	14.72	0.05	0.08	0.02	1.49	2.10	0.92	1.58	1.86	1.18	49,114	
Week:	42.27	66.80	11.05	0.06	0.10	0.02	1.68	2.25	0.69	1.69	2.20	1.18	243,449	
11/25/19	36.36	60.94	11.39	0.05	0.09	0.02	1.59	2.24	0.78	1.54	2.03	1.06	52,359	
11/26/19	39.16	74.79	10.58	0.06	0.11	0.02	1.55	2.20	0.54	1.68	2.16	1.21	56,388	
11/27/19	41.56	77.56	11.62	0.06	0.11	0.02	1.52	2.26	0.71	1.76	2.27	1.20	59,852	
11/28/19	35.35	69.93	14.21	0.05	0.10	0.02	1.47	1.97	1.04	1.64	2.24	1.14	50,906	
11/29/19	34.39	55.84	11.16	0.05	0.08	0.02	1.46	2.00	0.94	1.60	2.02	1.03	49,523	
11/30/19	32.10	53.52	10.19	0.05	0.08	0.01	1.42	1.93	0.78	1.56	1.96	1.09	46,231	
12/1/19	32.19	50.03	12.58	0.05	0.07	0.02	1.44	1.95	0.86	1.56	1.95	1.18	46,348	
Week:	35.87	77.56	10.19	0.05	0.11	0.01	1.49	2.26	0.54	1.62	2.27	1.03	361,608	
12/2/19	35.71	67.76	13.36	0.05	0.10	0.02	1.43	1.92	0.85	1.67	2.21	1.20	51,423	
12/3/19	31.36	58.69	10.95	0.05	0.08	0.02	1.40	2.01	0.83	1.53	1.96	0.98	45,158	
12/4/19	41.84	95.24	11.93	0.06	0.14	0.02	1.67	2.11	0.85	1.68	2.64	1.16	60,255	
12/5/19	34.35	57.51	9.31	0.05	0.08	0.01	1.45	2.26	0.70	1.61	2.21	1.04	49,466	

	Flow (GPM)			Flow (MGD)			Velocity (FPS)			Level (inches)				
Date	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Total Gal	Rain
12/6/19	34.12	54.74	8.75	0.05	0.08	0.01	1.40	2.08	0.63	1.62	1.95	1.10	49,131	
12/7/19	37.93	64.24	13.10	0.05	0.09	0.02	1.56	2.24	0.75	1.64	2.02	1.24	54,612	
12/8/19	39.36	80.20	14.58	0.06	0.12	0.02	1.57	2.06	0.93	1.66	2.45	1.14	56,672	
Week:	36.38	95.24	8.75	0.05	0.14	0.01	1.50	2.26	0.63	1.63	2.64	0.98	366,718	
12/9/19	21.46	32.19	16.14	0.03	0.05	0.02	1.19	1.44	1.08	1.37	1.71	1.21	30,909	
Week:	21.46	32.19	16.14	0.03	0.05	0.02	1.19	1.44	1.08	1.37	1.71	1.21	30,909	
Totals:	36.65	95.24	8.75	0.05	0.14	0.01	1.52	2.26	0.54	1.63	2.64	0.98	1,002,684	



Data for 2019.11 N Western MH: 11/21/2019 thru 12/09/2019

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/21 09:31	1.73	39.04	1.57
2019/11/21 09:46	1.77	54.16	2.11
2019/11/21 10:01	1.93	41.22	1.41
2019/11/21 10:16	1.71	50.33	2.05
2019/11/21 10:31	1.77	44.24	1.72
2019/11/21 10:46	1.77	48.51	1.89
2019/11/21 11:01	1.78	44.73	1.72
2019/11/21 11:16	1.78	49.05	1.89
2019/11/21 11:31	1.84	51.24	1.89
2019/11/21 11:46	2.03	59.07	1.89
2019/11/21 12:01	2.03	61.51	1.97
2019/11/21 12:16	2.06	62.70	1.97
2019/11/21 12:31	2.06	57.44	1.80
2019/11/21 12:46	2.06	54.13	1.70
2019/11/21 13:01	2.13	57.43	1.72
2019/11/21 13:16	2.13	57.43	1.72
2019/11/21 13:31	2.13	57.43	1.72
2019/11/21 13:46	2.13	60.94	1.82
2019/11/21 14:01	2.10	59.83	1.82
2019/11/21 14:16	2.04	58.00	1.84
2019/11/21 14:31	2.02	56.52	1.82
2019/11/21 14:46	1.88	51.10	1.82
2019/11/21 15:01	1.86	46.04	1.66
2019/11/21 15:16	1.86	57.93	2.09
2019/11/21 15:31	1.84	55.55	2.05
2019/11/21 15:46	1.86	56.74	2.05
2019/11/21 16:01	1.86	56.74	2.05
2019/11/21 16:16	1.93	59.76	2.05
2019/11/21 16:31	1.93	59.76	2.05
2019/11/21 16:46	1.93	58.91	2.02
2019/11/21 17:01	2.11	66.80	2.02
2019/11/21 17:16	2.04	63.74	2.02
2019/11/21 17:31	1.85	52.42	1.91
2019/11/21 17:46	1.92	55.23	1.91
2019/11/21 18:01	1.92	61.45	2.13
2019/11/21 18:16	1.81	56.47	2.13
2019/11/21 18:31	1.78	54.61	2.10
2019/11/21 18:46	1.78	54.61	2.10
2019/11/21 19:01	1.78	54.61	2.10

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/21 19:16	1.78	54.61	2.10
2019/11/21 19:31	1.77	39.77	1.55
2019/11/21 19:46	1.77	49.10	1.91
2019/11/21 20:01	1.81	57.36	2.16
2019/11/21 20:16	1.73	47.46	1.91
2019/11/21 20:31	1.81	50.75	1.91
2019/11/21 20:46	1.81	52.37	1.97
2019/11/21 21:01	1.81	52.37	1.97
2019/11/21 21:16	1.85	54.09	1.97
2019/11/21 21:31	1.85	54.35	1.98
2019/11/21 21:46	1.85	58.32	2.13
2019/11/21 22:01	1.85	58.32	2.13
2019/11/21 22:16	1.85	58.32	2.13
2019/11/21 22:31	1.85	58.32	2.13
2019/11/21 22:46	1.98	62.96	2.09
2019/11/21 23:01	1.85	51.83	1.89
2019/11/21 23:16	1.81	48.36	1.82
2019/11/21 23:31	1.81	48.24	1.82
2019/11/21 23:46	1.68	34.60	1.44
2019/11/22 00:01	1.61	32.58	1.44
2019/11/22 00:16	1.54	27.64	1.30
2019/11/22 00:31	1.48	25.79	1.30
2019/11/22 00:46	1.31	20.06	1.20
2019/11/22 01:01	1.27	19.15	1.20
2019/11/22 01:16	1.27	19.15	1.20
2019/11/22 01:31	1.27	19.66	1.23
2019/11/22 01:46	1.28	19.45	1.20
2019/11/22 02:01	1.39	22.52	1.23
2019/11/22 02:16	1.39	22.52	1.23
2019/11/22 02:31	1.35	21.55	1.23
2019/11/22 02:46	1.31	23.15	1.39
2019/11/22 03:01	1.32	23.51	1.39
2019/11/22 03:16	1.32	20.86	1.23
2019/11/22 03:31	1.32	23.48	1.38
2019/11/22 03:46	1.28	21.21	1.31
2019/11/22 04:01	1.27	20.88	1.31
2019/11/22 04:16	1.25	20.54	1.31
2019/11/22 04:31	1.24	21.02	1.36
2019/11/22 04:46	1.24	20.22	1.31
2019/11/22 05:01	1.24	21.02	1.36
2019/11/22 05:16	1.24	20.92	1.36
2019/11/22 05:31	1.21	20.25	1.36
2019/11/22 05:46	1.21	20.25	1.36
2019/11/22 06:01	1.25	21.26	1.36
2019/11/22 06:16	1.27	19.85	1.25

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/22 06:31	1.27	17.27	1.08
2019/11/22 06:46	1.31	18.10	1.08
2019/11/22 07:01	1.39	19.79	1.08
2019/11/22 07:16	1.54	23.95	1.13
2019/11/22 07:31	1.59	23.87	1.08
2019/11/22 07:46	1.59	24.88	1.13
2019/11/22 08:01	1.59	26.23	1.19
2019/11/22 08:16	1.59	36.59	1.66
2019/11/22 08:31	1.59	36.59	1.66
2019/11/22 08:46	1.59	38.17	1.73
2019/11/22 09:01	1.61	39.13	1.73
2019/11/22 09:16	1.82	49.09	1.83
2019/11/22 09:31	1.82	51.10	1.90
2019/11/22 09:46	1.84	51.78	1.91
2019/11/22 10:01	1.82	51.22	1.91
2019/11/22 10:16	1.82	58.11	2.16
2019/11/22 10:31	1.79	56.86	2.16
2019/11/22 10:46	1.79	49.32	1.88
2019/11/22 11:01	1.74	47.16	1.88
2019/11/22 11:16	1.74	47.16	1.88
2019/11/22 11:31	1.70	43.82	1.81
2019/11/22 11:46	1.70	42.78	1.76
2019/11/22 12:01	1.68	39.57	1.65
2019/11/22 12:16	1.63	37.72	1.65
2019/11/22 12:31	1.63	37.72	1.65
2019/11/22 12:46	1.61	42.92	1.90
2019/11/22 13:01	1.61	42.92	1.90
2019/11/22 13:16	1.61	42.92	1.90
2019/11/22 13:31	1.66	40.33	1.72
2019/11/22 13:46	1.79	41.18	1.57
2019/11/22 14:01	1.82	42.09	1.57
2019/11/22 14:16	1.79	41.18	1.57
2019/11/22 14:31	1.79	45.23	1.72
2019/11/22 14:46	1.84	58.24	2.15
2019/11/22 15:01	1.89	60.75	2.15
2019/11/22 15:16	1.89	63.82	2.25
2019/11/22 15:31	1.89	63.82	2.25
2019/11/22 15:46	1.89	60.24	2.13
2019/11/22 16:01	1.89	57.21	2.02
2019/11/22 16:16	1.92	58.40	2.02
2019/11/22 16:31	1.73	38.06	1.53
2019/11/22 16:46	1.73	38.06	1.53
2019/11/22 17:01	1.84	41.59	1.53
2019/11/22 17:16	1.73	41.13	1.66
2019/11/22 17:31	1.73	46.78	1.88

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/22 17:46	1.77	51.81	2.02
2019/11/22 18:01	1.84	57.99	2.14
2019/11/22 18:16	1.81	57.44	2.16
2019/11/22 18:31	1.88	61.24	2.19
2019/11/22 18:46	1.81	57.44	2.16
2019/11/22 19:01	1.81	58.05	2.19
2019/11/22 19:16	1.81	57.44	2.16
2019/11/22 19:31	1.81	57.32	2.16
2019/11/22 19:46	1.81	57.32	2.16
2019/11/22 20:01	1.84	59.07	2.18
2019/11/22 20:16	1.85	59.20	2.16
2019/11/22 20:31	1.84	58.74	2.16
2019/11/22 20:46	1.85	59.37	2.16
2019/11/22 21:01	1.89	59.46	2.10
2019/11/22 21:16	1.89	59.46	2.10
2019/11/22 21:31	1.82	56.39	2.10
2019/11/22 21:46	1.78	54.57	2.10
2019/11/22 22:01	1.78	54.57	2.10
2019/11/22 22:16	1.73	49.51	1.99
2019/11/22 22:31	1.71	48.94	1.99
2019/11/22 22:46	1.73	50.72	2.04
2019/11/22 23:01	1.73	50.72	2.04
2019/11/22 23:16	1.71	50.14	2.04
2019/11/22 23:31	1.84	55.42	2.04
2019/11/22 23:46	1.84	52.69	1.94
2019/11/23 00:01	1.81	44.10	1.66
2019/11/23 00:16	1.70	34.15	1.41
2019/11/23 00:31	1.54	27.38	1.29
2019/11/23 00:46	1.45	23.26	1.20
2019/11/23 01:01	1.42	21.30	1.13
2019/11/23 01:16	1.39	20.46	1.12
2019/11/23 01:31	1.38	19.83	1.10
2019/11/23 01:46	1.38	19.83	1.10
2019/11/23 02:01	1.36	16.11	0.91
2019/11/23 02:16	1.36	16.11	0.91
2019/11/23 02:31	1.36	17.65	0.99
2019/11/23 02:46	1.36	18.35	1.03
2019/11/23 03:01	1.36	17.65	0.99
2019/11/23 03:16	1.36	18.35	1.03
2019/11/23 03:31	1.35	18.09	1.03
2019/11/23 03:46	1.35	17.42	1.00
2019/11/23 04:01	1.28	14.48	0.89
2019/11/23 04:16	1.28	14.48	0.89
2019/11/23 04:31	1.27	13.99	0.88
2019/11/23 04:46	1.25	13.53	0.86

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/23 05:01	1.27	13.55	0.85
2019/11/23 05:16	1.25	13.34	0.85
2019/11/23 05:31	1.25	13.34	0.85
2019/11/23 05:46	1.27	11.05	0.69
2019/11/23 06:01	1.27	11.05	0.69
2019/11/23 06:16	1.27	13.11	0.82
2019/11/23 06:31	1.27	13.11	0.82
2019/11/23 06:46	1.27	14.01	0.88
2019/11/23 07:01	1.27	14.01	0.88
2019/11/23 07:16	1.27	14.82	0.93
2019/11/23 07:31	1.35	19.26	1.10
2019/11/23 07:46	1.39	16.97	0.93
2019/11/23 08:01	1.54	29.26	1.38
2019/11/23 08:16	1.54	34.54	1.63
2019/11/23 08:31	1.54	34.54	1.63
2019/11/23 08:46	1.54	28.81	1.36
2019/11/23 09:01	1.56	34.98	1.63
2019/11/23 09:16	1.53	34.09	1.63
2019/11/23 09:31	1.56	37.34	1.74
2019/11/23 09:46	1.73	43.18	1.74
2019/11/23 10:01	2.00	54.43	1.77
2019/11/23 10:16	2.03	55.49	1.77
2019/11/23 10:31	2.03	57.16	1.83
2019/11/23 10:46	2.03	57.16	1.83
2019/11/23 11:01	2.00	62.15	2.02
2019/11/23 11:16	2.20	63.86	1.83
2019/11/23 11:31	2.00	56.06	1.83
2019/11/23 11:46	2.00	58.64	1.91
2019/11/23 12:01	2.00	59.11	1.93
2019/11/23 12:16	1.92	55.67	1.93
2019/11/23 12:31	1.92	56.86	1.97
2019/11/23 12:46	1.91	57.41	2.01
2019/11/23 13:01	1.91	60.56	2.12
2019/11/23 13:16	1.77	54.39	2.12
2019/11/23 13:31	1.77	53.37	2.08
2019/11/23 13:46	1.77	53.37	2.08
2019/11/23 14:01	1.77	53.37	2.08
2019/11/23 14:16	1.77	49.73	1.93
2019/11/23 14:31	1.85	56.98	2.08
2019/11/23 14:46	1.85	58.62	2.14
2019/11/23 15:01	1.84	56.63	2.09
2019/11/23 15:16	1.84	56.63	2.09
2019/11/23 15:31	1.84	57.08	2.10
2019/11/23 15:46	1.82	56.47	2.10
2019/11/23 16:01	1.79	54.81	2.09

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/23 16:16	1.71	42.42	1.73
2019/11/23 16:31	1.79	55.25	2.10
2019/11/23 16:46	1.79	54.57	2.08
2019/11/23 17:01	1.79	54.57	2.08
2019/11/23 17:16	1.84	56.38	2.08
2019/11/23 17:31	1.88	58.20	2.08
2019/11/23 17:46	1.93	57.49	1.97
2019/11/23 18:01	1.88	55.16	1.97
2019/11/23 18:16	1.88	49.48	1.77
2019/11/23 18:31	1.88	55.16	1.97
2019/11/23 18:46	1.88	55.16	1.97
2019/11/23 19:01	1.84	51.82	1.91
2019/11/23 19:16	1.79	50.16	1.91
2019/11/23 19:31	1.79	51.56	1.96
2019/11/23 19:46	1.79	51.56	1.96
2019/11/23 20:01	1.81	52.58	1.98
2019/11/23 20:16	1.81	52.58	1.98
2019/11/23 20:31	1.81	52.58	1.98
2019/11/23 20:46	1.84	51.37	1.89
2019/11/23 21:01	1.85	50.95	1.86
2019/11/23 21:16	1.84	50.41	1.86
2019/11/23 21:31	1.88	53.02	1.89
2019/11/23 21:46	1.88	56.27	2.01
2019/11/23 22:01	1.85	55.10	2.01
2019/11/23 22:16	1.85	55.10	2.01
2019/11/23 22:31	1.85	51.04	1.86
2019/11/23 22:46	1.78	48.34	1.86
2019/11/23 23:01	1.78	45.76	1.76
2019/11/23 23:16	1.78	40.96	1.58
2019/11/23 23:31	1.78	41.80	1.61
2019/11/23 23:46	1.67	38.13	1.61
2019/11/24 00:01	1.45	27.83	1.44
2019/11/24 00:16	1.41	24.54	1.32
2019/11/24 00:31	1.31	15.42	0.92
2019/11/24 00:46	1.28	14.95	0.92
2019/11/24 01:01	1.27	14.72	0.92
2019/11/24 01:16	1.27	14.96	0.94
2019/11/24 01:31	1.27	14.96	0.94
2019/11/24 01:46	1.27	14.96	0.94
2019/11/24 02:01	1.27	14.96	0.94
2019/11/24 02:16	1.27	14.96	0.94
2019/11/24 02:31	1.25	15.01	0.96
2019/11/24 02:46	1.24	15.48	1.00
2019/11/24 03:01	1.20	14.73	1.00
2019/11/24 03:16	1.20	17.85	1.21

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/24 03:31	1.20	17.85	1.21
2019/11/24 03:46	1.18	17.55	1.21
2019/11/24 04:01	1.18	17.00	1.18
2019/11/24 04:16	1.20	17.29	1.18
2019/11/24 04:31	1.20	16.19	1.10
2019/11/24 04:46	1.21	15.78	1.06
2019/11/24 05:01	1.24	15.34	0.99
2019/11/24 05:16	1.25	15.59	0.99
2019/11/24 05:31	1.25	15.54	0.99
2019/11/24 05:46	1.27	15.79	0.99
2019/11/24 06:01	1.27	15.91	1.00
2019/11/24 06:16	1.27	16.18	1.01
2019/11/24 06:31	1.27	16.18	1.01
2019/11/24 06:46	1.27	16.18	1.01
2019/11/24 07:01	1.32	17.21	1.01
2019/11/24 07:16	1.32	17.63	1.04
2019/11/24 07:31	1.54	22.04	1.04
2019/11/24 07:46	1.54	20.10	0.95
2019/11/24 08:01	1.54	20.10	0.95
2019/11/24 08:16	1.49	19.07	0.95
2019/11/24 08:31	1.49	19.07	0.95
2019/11/24 08:46	1.49	30.22	1.50
2019/11/24 09:01	1.68	41.15	1.72
2019/11/24 09:16	1.68	48.18	2.01
2019/11/24 09:31	1.70	51.08	2.10
2019/11/24 09:46	1.75	53.48	2.10
2019/11/24 10:01	1.75	53.48	2.10
2019/11/24 10:16	1.74	46.28	1.84
2019/11/24 10:31	1.77	47.33	1.84
2019/11/24 10:46	1.74	46.28	1.84
2019/11/24 11:01	1.68	44.19	1.84
2019/11/24 11:16	1.68	46.16	1.92
2019/11/24 11:31	1.66	45.08	1.92
2019/11/24 11:46	1.66	45.08	1.92
2019/11/24 12:01	1.68	43.38	1.81
2019/11/24 12:16	1.68	46.02	1.92
2019/11/24 12:31	1.67	44.03	1.86
2019/11/24 12:46	1.68	44.55	1.86
2019/11/24 13:01	1.75	47.19	1.86
2019/11/24 13:16	1.78	48.26	1.86
2019/11/24 13:31	1.78	48.26	1.86
2019/11/24 13:46	1.78	52.70	2.03
2019/11/24 14:01	1.78	53.22	2.05
2019/11/24 14:16	1.70	49.23	2.03
2019/11/24 14:31	1.70	49.23	2.03

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/24 14:46	1.70	48.08	1.98
2019/11/24 15:01	1.70	47.12	1.94
2019/11/24 15:16	1.70	43.60	1.80
2019/11/24 15:31	1.75	38.70	1.52
2019/11/24 15:46	1.73	36.85	1.48
2019/11/24 16:01	1.75	37.69	1.48
2019/11/24 16:16	1.84	41.34	1.52
2019/11/24 16:31	1.75	42.66	1.68
2019/11/24 16:46	1.73	41.70	1.68
2019/11/24 17:01	1.67	39.80	1.68
2019/11/24 17:16	1.64	42.92	1.85
2019/11/24 17:31	1.64	42.25	1.83
2019/11/24 17:46	1.67	39.00	1.64
2019/11/24 18:01	1.70	39.93	1.64
2019/11/24 18:16	1.79	47.95	1.83
2019/11/24 18:31	1.79	47.95	1.83
2019/11/24 18:46	1.75	44.25	1.74
2019/11/24 19:01	1.75	48.51	1.91
2019/11/24 19:16	1.75	48.51	1.91
2019/11/24 19:31	1.70	42.26	1.74
2019/11/24 19:46	1.70	37.11	1.53
2019/11/24 20:01	1.85	41.95	1.53
2019/11/24 20:16	1.84	41.51	1.53
2019/11/24 20:31	1.84	40.51	1.49
2019/11/24 20:46	1.84	43.25	1.59
2019/11/24 21:01	1.84	45.65	1.68
2019/11/24 21:16	1.84	43.25	1.59
2019/11/24 21:31	1.82	42.78	1.59
2019/11/24 21:46	1.86	44.90	1.62
2019/11/24 22:01	1.86	44.90	1.62
2019/11/24 22:16	1.86	44.90	1.62
2019/11/24 22:31	1.86	44.90	1.62
2019/11/24 22:46	1.86	46.46	1.68
2019/11/24 23:01	1.82	40.37	1.50
2019/11/24 23:16	1.60	37.39	1.68
2019/11/24 23:31	1.59	25.02	1.14
2019/11/24 23:46	1.56	25.41	1.18
2019/11/25 00:01	1.43	21.63	1.14
2019/11/25 00:16	1.25	17.82	1.14
2019/11/25 00:31	1.25	16.33	1.04
2019/11/25 00:46	1.25	12.24	0.78
2019/11/25 01:01	1.25	12.24	0.78
2019/11/25 01:16	1.24	16.07	1.04
2019/11/25 01:31	1.14	12.20	0.89
2019/11/25 01:46	1.10	12.00	0.92

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/25 02:01	1.10	12.00	0.92
2019/11/25 02:16	1.10	11.60	0.89
2019/11/25 02:31	1.10	11.60	0.89
2019/11/25 02:46	1.10	11.60	0.89
2019/11/25 03:01	1.09	11.39	0.89
2019/11/25 03:16	1.09	14.29	1.12
2019/11/25 03:31	1.10	14.55	1.12
2019/11/25 03:46	1.10	14.55	1.12
2019/11/25 04:01	1.09	15.51	1.22
2019/11/25 04:16	1.10	15.80	1.22
2019/11/25 04:31	1.06	14.94	1.22
2019/11/25 04:46	1.06	14.94	1.22
2019/11/25 05:01	1.06	14.60	1.19
2019/11/25 05:16	1.09	15.16	1.19
2019/11/25 05:31	1.09	13.76	1.08
2019/11/25 05:46	1.09	11.62	0.91
2019/11/25 06:01	1.11	12.06	0.91
2019/11/25 06:16	1.13	13.24	0.98
2019/11/25 06:31	1.13	13.24	0.98
2019/11/25 06:46	1.17	13.96	0.98
2019/11/25 07:01	1.17	13.96	0.98
2019/11/25 07:16	1.21	14.43	0.97
2019/11/25 07:31	1.36	17.14	0.97
2019/11/25 07:46	1.39	17.64	0.97
2019/11/25 08:01	1.39	20.60	1.13
2019/11/25 08:16	1.36	25.29	1.43
2019/11/25 08:31	1.39	26.56	1.45
2019/11/25 08:46	1.38	25.66	1.43
2019/11/25 09:01	1.38	26.18	1.45
2019/11/25 09:16	1.48	35.15	1.77
2019/11/25 09:31	1.50	36.10	1.77
2019/11/25 09:46	1.64	40.97	1.77
2019/11/25 10:01	1.64	40.97	1.77
2019/11/25 10:16	1.64	37.97	1.64
2019/11/25 10:31	1.73	40.75	1.64
2019/11/25 10:46	1.82	44.05	1.64
2019/11/25 11:01	1.70	39.82	1.64
2019/11/25 11:16	1.82	56.35	2.10
2019/11/25 11:31	1.82	56.35	2.10
2019/11/25 11:46	1.79	54.65	2.08
2019/11/25 12:01	1.74	52.72	2.10
2019/11/25 12:16	1.78	54.05	2.08
2019/11/25 12:31	1.78	53.10	2.04
2019/11/25 12:46	1.79	53.69	2.04
2019/11/25 13:01	1.89	55.65	1.97

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/25 13:16	1.89	55.65	1.97
2019/11/25 13:31	1.89	56.43	1.99
2019/11/25 13:46	1.89	55.65	1.97
2019/11/25 14:01	1.91	56.23	1.97
2019/11/25 14:16	2.03	60.94	1.95
2019/11/25 14:31	2.03	60.94	1.95
2019/11/25 14:46	2.03	55.25	1.77
2019/11/25 15:01	1.88	49.48	1.77
2019/11/25 15:16	1.74	49.65	1.98
2019/11/25 15:31	1.70	47.97	1.98
2019/11/25 15:46	1.70	50.93	2.10
2019/11/25 16:01	1.73	52.20	2.10
2019/11/25 16:16	1.73	54.28	2.19
2019/11/25 16:31	1.84	59.32	2.19
2019/11/25 16:46	1.84	59.32	2.19
2019/11/25 17:01	1.84	51.57	1.90
2019/11/25 17:16	1.84	51.57	1.90
2019/11/25 17:31	1.84	51.57	1.90
2019/11/25 17:46	1.84	52.32	1.93
2019/11/25 18:01	1.84	58.41	2.15
2019/11/25 18:16	1.81	59.39	2.24
2019/11/25 18:31	1.75	56.81	2.24
2019/11/25 18:46	1.64	46.17	1.99
2019/11/25 19:01	1.64	47.83	2.07
2019/11/25 19:16	1.59	43.95	1.99
2019/11/25 19:31	1.59	41.23	1.87
2019/11/25 19:46	1.68	44.88	1.87
2019/11/25 20:01	1.70	45.41	1.87
2019/11/25 20:16	1.68	44.88	1.87
2019/11/25 20:31	1.68	46.53	1.94
2019/11/25 20:46	1.68	46.53	1.94
2019/11/25 21:01	1.68	46.53	1.94
2019/11/25 21:16	1.68	44.88	1.87
2019/11/25 21:31	1.73	43.18	1.74
2019/11/25 21:46	1.77	41.41	1.61
2019/11/25 22:01	1.78	44.41	1.71
2019/11/25 22:16	1.82	43.27	1.61
2019/11/25 22:31	1.89	45.63	1.61
2019/11/25 22:46	1.89	48.40	1.71
2019/11/25 23:01	1.89	48.40	1.71
2019/11/25 23:16	1.79	51.32	1.95
2019/11/25 23:31	1.71	47.97	1.95
2019/11/25 23:46	1.66	41.18	1.76
2019/11/26 00:01	1.53	30.29	1.45
2019/11/26 00:16	1.49	29.11	1.45

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/26 00:31	1.46	26.01	1.33
2019/11/26 00:46	1.46	25.44	1.30
2019/11/26 01:01	1.41	21.88	1.18
2019/11/26 01:16	1.41	20.27	1.09
2019/11/26 01:31	1.42	14.82	0.79
2019/11/26 01:46	1.43	14.83	0.78
2019/11/26 02:01	1.42	14.45	0.77
2019/11/26 02:16	1.43	13.03	0.68
2019/11/26 02:31	1.43	14.66	0.77
2019/11/26 02:46	1.43	13.03	0.68
2019/11/26 03:01	1.43	13.03	0.68
2019/11/26 03:16	1.43	13.03	0.68
2019/11/26 03:31	1.35	15.98	0.91
2019/11/26 03:46	1.24	13.74	0.89
2019/11/26 04:01	1.21	15.78	1.06
2019/11/26 04:16	1.21	15.78	1.06
2019/11/26 04:31	1.24	15.69	1.02
2019/11/26 04:46	1.28	15.72	0.97
2019/11/26 05:01	1.29	15.97	0.97
2019/11/26 05:16	1.46	14.74	0.75
2019/11/26 05:31	1.46	10.58	0.54
2019/11/26 05:46	1.48	10.73	0.54
2019/11/26 06:01	1.50	11.02	0.54
2019/11/26 06:16	1.50	11.39	0.56
2019/11/26 06:31	1.48	12.45	0.63
2019/11/26 06:46	1.50	16.87	0.83
2019/11/26 07:01	1.48	16.42	0.83
2019/11/26 07:16	1.42	15.54	0.83
2019/11/26 07:31	1.38	23.18	1.29
2019/11/26 07:46	1.38	23.18	1.29
2019/11/26 08:01	1.38	23.79	1.32
2019/11/26 08:16	1.45	25.53	1.32
2019/11/26 08:31	1.53	35.47	1.69
2019/11/26 08:46	1.59	37.33	1.69
2019/11/26 09:01	1.70	41.11	1.69
2019/11/26 09:16	1.81	43.50	1.64
2019/11/26 09:31	1.81	43.50	1.64
2019/11/26 09:46	1.82	43.97	1.64
2019/11/26 10:01	1.81	45.24	1.70
2019/11/26 10:16	1.77	45.18	1.76
2019/11/26 10:31	1.77	53.33	2.08
2019/11/26 10:46	1.82	59.01	2.20
2019/11/26 11:01	1.86	60.93	2.20
2019/11/26 11:16	1.86	54.42	1.96
2019/11/26 11:31	1.86	54.42	1.96

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/26 11:46	1.92	53.99	1.87
2019/11/26 12:01	1.92	48.21	1.67
2019/11/26 12:16	1.71	45.87	1.87
2019/11/26 12:31	1.91	47.72	1.67
2019/11/26 12:46	1.91	47.72	1.67
2019/11/26 13:01	1.81	44.31	1.67
2019/11/26 13:16	1.81	47.51	1.79
2019/11/26 13:31	1.85	49.07	1.79
2019/11/26 13:46	1.81	47.51	1.79
2019/11/26 14:01	1.85	49.15	1.79
2019/11/26 14:16	1.85	49.20	1.79
2019/11/26 14:31	1.78	55.56	2.14
2019/11/26 14:46	1.78	54.53	2.10
2019/11/26 15:01	1.78	54.80	2.11
2019/11/26 15:16	1.78	54.80	2.11
2019/11/26 15:31	1.78	54.53	2.10
2019/11/26 15:46	1.73	49.05	1.97
2019/11/26 16:01	1.78	50.96	1.96
2019/11/26 16:16	1.78	49.69	1.91
2019/11/26 16:31	1.73	42.00	1.69
2019/11/26 16:46	1.71	41.74	1.70
2019/11/26 17:01	1.59	37.46	1.70
2019/11/26 17:16	1.59	41.29	1.87
2019/11/26 17:31	1.59	41.29	1.87
2019/11/26 17:46	1.63	42.85	1.87
2019/11/26 18:01	1.66	46.12	1.97
2019/11/26 18:16	1.68	48.36	2.02
2019/11/26 18:31	1.68	47.23	1.97
2019/11/26 18:46	1.68	47.01	1.96
2019/11/26 19:01	1.68	47.01	1.96
2019/11/26 19:16	1.66	45.90	1.96
2019/11/26 19:31	1.66	45.90	1.96
2019/11/26 19:46	1.66	47.65	2.03
2019/11/26 20:01	1.81	54.04	2.03
2019/11/26 20:16	1.81	54.04	2.03
2019/11/26 20:31	1.85	59.16	2.16
2019/11/26 20:46	1.91	54.05	1.89
2019/11/26 21:01	2.13	63.14	1.89
2019/11/26 21:16	2.13	71.14	2.13
2019/11/26 21:31	2.13	71.14	2.13
2019/11/26 21:46	2.13	71.14	2.13
2019/11/26 22:01	2.13	73.44	2.20
2019/11/26 22:16	2.14	74.11	2.20
2019/11/26 22:31	2.16	69.23	2.03
2019/11/26 22:46	2.16	74.79	2.20

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/26 23:01	2.16	50.53	1.48
2019/11/26 23:16	2.16	48.98	1.44
2019/11/26 23:31	1.98	44.68	1.48
2019/11/26 23:46	1.96	44.24	1.48
2019/11/27 00:01	1.96	43.06	1.45
2019/11/27 00:16	1.75	36.49	1.44
2019/11/27 00:31	1.74	36.08	1.44
2019/11/27 00:46	1.74	35.54	1.41
2019/11/27 01:01	1.53	27.19	1.30
2019/11/27 01:16	1.48	20.48	1.03
2019/11/27 01:31	1.45	18.81	0.97
2019/11/27 01:46	1.45	18.81	0.97
2019/11/27 02:01	1.42	18.29	0.97
2019/11/27 02:16	1.42	18.29	0.97
2019/11/27 02:31	1.43	18.55	0.97
2019/11/27 02:46	1.48	18.54	0.93
2019/11/27 03:01	1.43	16.57	0.87
2019/11/27 03:16	1.43	16.55	0.87
2019/11/27 03:31	1.39	13.13	0.72
2019/11/27 03:46	1.38	12.94	0.72
2019/11/27 04:01	1.38	12.83	0.71
2019/11/27 04:16	1.38	12.83	0.71
2019/11/27 04:31	1.38	12.83	0.71
2019/11/27 04:46	1.35	12.46	0.71
2019/11/27 05:01	1.35	12.35	0.71
2019/11/27 05:16	1.35	12.35	0.71
2019/11/27 05:31	1.32	11.99	0.71
2019/11/27 05:46	1.28	12.46	0.77
2019/11/27 06:01	1.21	11.81	0.79
2019/11/27 06:16	1.20	11.62	0.79
2019/11/27 06:31	1.20	14.44	0.98
2019/11/27 06:46	1.21	14.68	0.98
2019/11/27 07:01	1.25	14.22	0.91
2019/11/27 07:16	1.32	15.38	0.91
2019/11/27 07:31	1.75	24.97	0.98
2019/11/27 07:46	1.75	23.97	0.94
2019/11/27 08:01	1.77	32.12	1.25
2019/11/27 08:16	1.75	31.91	1.26
2019/11/27 08:31	1.84	36.04	1.33
2019/11/27 08:46	1.85	36.43	1.33
2019/11/27 09:01	1.89	37.59	1.33
2019/11/27 09:16	1.96	39.56	1.33
2019/11/27 09:31	2.11	65.29	1.97
2019/11/27 09:46	2.13	63.49	1.90
2019/11/27 10:01	2.27	70.76	1.94

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/27 10:16	2.27	72.54	1.99
2019/11/27 10:31	2.24	69.55	1.94
2019/11/27 10:46	2.24	69.55	1.94
2019/11/27 11:01	2.17	72.69	2.12
2019/11/27 11:16	2.17	77.56	2.26
2019/11/27 11:31	2.02	65.60	2.12
2019/11/27 11:46	2.02	65.60	2.12
2019/11/27 12:01	2.13	69.46	2.08
2019/11/27 12:16	2.13	69.46	2.08
2019/11/27 12:31	2.10	68.19	2.08
2019/11/27 12:46	2.13	72.37	2.17
2019/11/27 13:01	2.10	72.85	2.22
2019/11/27 13:16	2.10	74.30	2.26
2019/11/27 13:31	2.10	74.30	2.26
2019/11/27 13:46	2.13	75.68	2.26
2019/11/27 14:01	2.09	61.26	1.88
2019/11/27 14:16	2.13	62.98	1.88
2019/11/27 14:31	2.13	62.98	1.88
2019/11/27 14:46	2.13	67.57	2.02
2019/11/27 15:01	2.09	65.72	2.02
2019/11/27 15:16	2.02	62.95	2.03
2019/11/27 15:31	1.89	57.51	2.03
2019/11/27 15:46	1.89	52.50	1.85
2019/11/27 16:01	1.89	52.50	1.85
2019/11/27 16:16	1.89	61.53	2.17
2019/11/27 16:31	1.89	49.91	1.76
2019/11/27 16:46	1.89	56.69	2.00
2019/11/27 17:01	1.85	54.93	2.00
2019/11/27 17:16	1.77	48.31	1.88
2019/11/27 17:31	1.74	43.75	1.74
2019/11/27 17:46	1.74	43.75	1.74
2019/11/27 18:01	1.74	39.99	1.59
2019/11/27 18:16	1.66	36.36	1.55
2019/11/27 18:31	1.66	36.36	1.55
2019/11/27 18:46	1.66	36.36	1.55
2019/11/27 19:01	1.68	40.64	1.69
2019/11/27 19:16	1.79	52.81	2.01
2019/11/27 19:31	1.79	52.81	2.01
2019/11/27 19:46	1.79	52.81	2.01
2019/11/27 20:01	1.79	49.24	1.87
2019/11/27 20:16	1.60	35.82	1.61
2019/11/27 20:31	1.59	35.38	1.61
2019/11/27 20:46	1.59	38.74	1.76
2019/11/27 21:01	1.60	35.82	1.61
2019/11/27 21:16	1.64	40.69	1.76

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/27 21:31	1.64	46.80	2.02
2019/11/27 21:46	1.77	51.96	2.02
2019/11/27 22:01	1.77	46.47	1.81
2019/11/27 22:16	1.77	46.47	1.81
2019/11/27 22:31	1.82	47.50	1.77
2019/11/27 22:46	1.91	34.88	1.22
2019/11/27 23:01	1.91	34.88	1.22
2019/11/27 23:16	1.91	30.47	1.07
2019/11/27 23:31	1.91	34.88	1.22
2019/11/27 23:46	1.91	43.75	1.53
2019/11/28 00:01	1.79	41.98	1.60
2019/11/28 00:16	1.64	36.98	1.60
2019/11/28 00:31	1.61	36.09	1.60
2019/11/28 00:46	1.53	31.44	1.50
2019/11/28 01:01	1.39	23.22	1.27
2019/11/28 01:16	1.39	23.22	1.27
2019/11/28 01:31	1.39	23.22	1.27
2019/11/28 01:46	1.36	22.55	1.27
2019/11/28 02:01	1.38	24.31	1.35
2019/11/28 02:16	1.38	24.31	1.35
2019/11/28 02:31	1.35	22.06	1.26
2019/11/28 02:46	1.35	22.01	1.26
2019/11/28 03:01	1.38	22.00	1.22
2019/11/28 03:16	1.35	19.53	1.12
2019/11/28 03:31	1.35	19.10	1.09
2019/11/28 03:46	1.35	19.10	1.09
2019/11/28 04:01	1.20	15.92	1.08
2019/11/28 04:16	1.17	15.43	1.09
2019/11/28 04:31	1.17	14.82	1.04
2019/11/28 04:46	1.14	14.21	1.04
2019/11/28 05:01	1.17	14.72	1.04
2019/11/28 05:16	1.17	15.43	1.09
2019/11/28 05:31	1.20	15.36	1.05
2019/11/28 05:46	1.20	16.17	1.10
2019/11/28 06:01	1.27	17.61	1.10
2019/11/28 06:16	1.27	17.86	1.12
2019/11/28 06:31	1.45	28.10	1.45
2019/11/28 06:46	1.70	38.08	1.57
2019/11/28 07:01	1.99	52.73	1.73
2019/11/28 07:16	2.16	59.05	1.73
2019/11/28 07:31	2.17	59.58	1.73
2019/11/28 07:46	2.21	61.19	1.73
2019/11/28 08:01	2.23	62.16	1.75
2019/11/28 08:16	2.23	60.81	1.71
2019/11/28 08:31	2.24	62.71	1.75

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/28 08:46	2.23	69.93	1.97
2019/11/28 09:01	2.14	66.29	1.97
2019/11/28 09:16	2.07	56.71	1.76
2019/11/28 09:31	1.96	52.47	1.76
2019/11/28 09:46	1.86	45.87	1.65
2019/11/28 10:01	1.84	44.53	1.64
2019/11/28 10:16	1.84	44.53	1.64
2019/11/28 10:31	1.86	45.87	1.65
2019/11/28 10:46	1.92	47.82	1.65
2019/11/28 11:01	1.96	48.65	1.63
2019/11/28 11:16	1.96	50.47	1.69
2019/11/28 11:31	1.92	48.70	1.68
2019/11/28 11:46	1.91	46.72	1.63
2019/11/28 12:01	1.89	44.38	1.57
2019/11/28 12:16	1.89	44.38	1.57
2019/11/28 12:31	1.78	37.51	1.44
2019/11/28 12:46	1.81	38.35	1.44
2019/11/28 13:01	1.88	43.92	1.57
2019/11/28 13:16	1.88	43.70	1.56
2019/11/28 13:31	1.88	44.26	1.58
2019/11/28 13:46	1.99	50.37	1.66
2019/11/28 14:01	1.99	53.01	1.74
2019/11/28 14:16	1.99	50.79	1.67
2019/11/28 14:31	1.91	47.81	1.67
2019/11/28 14:46	1.86	46.33	1.67
2019/11/28 15:01	1.85	43.17	1.57
2019/11/28 15:16	1.74	39.07	1.55
2019/11/28 15:31	1.61	35.13	1.55
2019/11/28 15:46	1.61	33.47	1.48
2019/11/28 16:01	1.61	33.47	1.48
2019/11/28 16:16	1.64	37.62	1.63
2019/11/28 16:31	1.64	37.62	1.63
2019/11/28 16:46	1.64	35.32	1.53
2019/11/28 17:01	1.56	32.79	1.53
2019/11/28 17:16	1.56	28.03	1.30
2019/11/28 17:31	1.56	28.03	1.30
2019/11/28 17:46	1.56	28.03	1.30
2019/11/28 18:01	1.56	28.03	1.30
2019/11/28 18:16	1.54	30.07	1.42
2019/11/28 18:31	1.54	30.07	1.42
2019/11/28 18:46	1.54	30.07	1.42
2019/11/28 19:01	1.56	30.46	1.42
2019/11/28 19:16	1.57	31.45	1.45
2019/11/28 19:31	1.57	33.11	1.52
2019/11/28 19:46	1.57	33.11	1.52

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/28 20:01	1.57	32.84	1.51
2019/11/28 20:16	1.56	32.43	1.51
2019/11/28 20:31	1.53	31.35	1.50
2019/11/28 20:46	1.50	30.22	1.48
2019/11/28 21:01	1.49	29.82	1.48
2019/11/28 21:16	1.49	28.68	1.43
2019/11/28 21:31	1.49	29.21	1.45
2019/11/28 21:46	1.49	29.21	1.45
2019/11/28 22:01	1.49	29.21	1.45
2019/11/28 22:16	1.54	30.26	1.43
2019/11/28 22:31	1.54	30.26	1.43
2019/11/28 22:46	1.54	29.07	1.37
2019/11/28 23:01	1.48	27.21	1.37
2019/11/28 23:16	1.48	27.21	1.37
2019/11/28 23:31	1.48	27.03	1.36
2019/11/28 23:46	1.41	25.22	1.36
2019/11/29 00:01	1.38	23.65	1.31
2019/11/29 00:16	1.38	23.65	1.31
2019/11/29 00:31	1.38	24.67	1.37
2019/11/29 00:46	1.38	24.67	1.37
2019/11/29 01:01	1.31	20.57	1.23
2019/11/29 01:16	1.31	19.58	1.17
2019/11/29 01:31	1.23	17.80	1.17
2019/11/29 01:46	1.23	16.64	1.10
2019/11/29 02:01	1.23	15.83	1.04
2019/11/29 02:16	1.23	15.83	1.04
2019/11/29 02:31	1.23	16.69	1.10
2019/11/29 02:46	1.20	16.14	1.10
2019/11/29 03:01	1.17	15.60	1.10
2019/11/29 03:16	1.17	15.60	1.10
2019/11/29 03:31	1.14	15.07	1.10
2019/11/29 03:46	1.11	13.97	1.06
2019/11/29 04:01	1.03	12.48	1.06
2019/11/29 04:16	1.03	12.48	1.06
2019/11/29 04:31	1.03	11.16	0.94
2019/11/29 04:46	1.03	11.16	0.94
2019/11/29 05:01	1.21	15.64	1.05
2019/11/29 05:16	1.23	14.35	0.94
2019/11/29 05:31	1.24	16.16	1.05
2019/11/29 05:46	1.23	15.90	1.05
2019/11/29 06:01	1.25	14.82	0.94
2019/11/29 06:16	1.28	15.30	0.94
2019/11/29 06:31	1.28	17.43	1.08
2019/11/29 06:46	1.28	17.10	1.06
2019/11/29 07:01	1.32	17.91	1.06

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/29 07:16	1.32	18.25	1.08
2019/11/29 07:31	1.28	17.10	1.06
2019/11/29 07:46	1.42	18.78	1.00
2019/11/29 08:01	1.42	18.78	1.00
2019/11/29 08:16	1.42	24.43	1.30
2019/11/29 08:31	1.42	24.86	1.32
2019/11/29 08:46	1.42	29.96	1.59
2019/11/29 09:01	1.49	32.09	1.59
2019/11/29 09:16	1.57	34.70	1.59
2019/11/29 09:31	1.63	38.25	1.67
2019/11/29 09:46	1.78	45.88	1.77
2019/11/29 10:01	1.78	45.88	1.77
2019/11/29 10:16	1.79	48.15	1.83
2019/11/29 10:31	1.81	50.75	1.91
2019/11/29 10:46	1.84	51.86	1.91
2019/11/29 11:01	1.84	51.86	1.91
2019/11/29 11:16	1.84	51.86	1.91
2019/11/29 11:31	1.84	54.26	2.00
2019/11/29 11:46	1.84	51.24	1.89
2019/11/29 12:01	1.74	41.98	1.67
2019/11/29 12:16	1.91	47.41	1.66
2019/11/29 12:31	1.91	47.41	1.66
2019/11/29 12:46	1.85	45.05	1.64
2019/11/29 13:01	1.78	43.07	1.66
2019/11/29 13:16	1.85	45.85	1.67
2019/11/29 13:31	1.85	48.15	1.75
2019/11/29 13:46	1.86	48.66	1.75
2019/11/29 14:01	1.86	48.66	1.75
2019/11/29 14:16	1.88	46.82	1.67
2019/11/29 14:31	1.86	45.11	1.63
2019/11/29 14:46	1.78	37.83	1.46
2019/11/29 15:01	1.75	36.99	1.46
2019/11/29 15:16	1.70	35.34	1.46
2019/11/29 15:31	1.64	35.82	1.55
2019/11/29 15:46	1.63	36.85	1.61
2019/11/29 16:01	1.60	35.96	1.61
2019/11/29 16:16	1.60	37.22	1.67
2019/11/29 16:31	1.60	37.22	1.67
2019/11/29 16:46	1.60	37.22	1.67
2019/11/29 17:01	1.60	32.82	1.47
2019/11/29 17:16	1.64	38.61	1.67
2019/11/29 17:31	1.64	38.61	1.67
2019/11/29 17:46	1.64	39.77	1.72
2019/11/29 18:01	1.64	39.91	1.72
2019/11/29 18:16	1.75	44.21	1.74

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/29 18:31	1.78	44.81	1.72
2019/11/29 18:46	1.82	46.14	1.72
2019/11/29 19:01	2.00	47.54	1.55
2019/11/29 19:16	2.02	42.99	1.39
2019/11/29 19:31	2.02	37.74	1.22
2019/11/29 19:46	2.00	42.58	1.39
2019/11/29 20:01	1.88	42.93	1.53
2019/11/29 20:16	1.84	36.83	1.36
2019/11/29 20:31	1.84	41.59	1.53
2019/11/29 20:46	1.88	48.88	1.74
2019/11/29 21:01	1.88	48.88	1.74
2019/11/29 21:16	1.92	50.95	1.76
2019/11/29 21:31	1.98	54.15	1.80
2019/11/29 21:46	1.98	55.84	1.86
2019/11/29 22:01	1.98	55.84	1.86
2019/11/29 22:16	1.98	55.84	1.86
2019/11/29 22:31	1.96	55.29	1.86
2019/11/29 22:46	1.91	45.14	1.58
2019/11/29 23:01	1.91	43.92	1.54
2019/11/29 23:16	1.91	43.92	1.54
2019/11/29 23:31	1.91	45.14	1.58
2019/11/29 23:46	1.91	45.14	1.58
2019/11/30 00:01	1.86	42.57	1.54
2019/11/30 00:16	1.86	39.99	1.44
2019/11/30 00:31	1.54	24.47	1.15
2019/11/30 00:46	1.52	21.86	1.06
2019/11/30 01:01	1.41	21.37	1.15
2019/11/30 01:16	1.32	20.37	1.20
2019/11/30 01:31	1.31	17.97	1.08
2019/11/30 01:46	1.23	16.34	1.08
2019/11/30 02:01	1.21	16.07	1.08
2019/11/30 02:16	1.21	14.84	0.99
2019/11/30 02:31	1.21	14.64	0.98
2019/11/30 02:46	1.24	12.75	0.83
2019/11/30 03:01	1.24	12.75	0.83
2019/11/30 03:16	1.27	13.16	0.83
2019/11/30 03:31	1.24	12.75	0.83
2019/11/30 03:46	1.10	10.19	0.78
2019/11/30 04:01	1.10	14.06	1.08
2019/11/30 04:16	1.10	14.06	1.08
2019/11/30 04:31	1.09	14.74	1.16
2019/11/30 04:46	1.09	16.41	1.29
2019/11/30 05:01	1.09	16.41	1.29
2019/11/30 05:16	1.09	16.12	1.26
2019/11/30 05:31	1.09	16.12	1.26

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/30 05:46	1.13	12.81	0.95
2019/11/30 06:01	1.20	13.97	0.95
2019/11/30 06:16	1.20	13.97	0.95
2019/11/30 06:31	1.17	13.50	0.95
2019/11/30 06:46	1.16	13.67	0.98
2019/11/30 07:01	1.17	13.91	0.98
2019/11/30 07:16	1.17	14.15	1.00
2019/11/30 07:31	1.32	16.90	1.00
2019/11/30 07:46	1.36	17.81	1.00
2019/11/30 08:01	1.43	22.16	1.16
2019/11/30 08:16	1.43	22.16	1.16
2019/11/30 08:31	1.46	16.65	0.85
2019/11/30 08:46	1.48	23.09	1.16
2019/11/30 09:01	1.48	23.09	1.16
2019/11/30 09:16	1.49	24.11	1.20
2019/11/30 09:31	1.67	33.18	1.40
2019/11/30 09:46	1.67	34.33	1.45
2019/11/30 10:01	1.67	34.33	1.45
2019/11/30 10:16	1.67	40.16	1.69
2019/11/30 10:31	1.60	39.12	1.75
2019/11/30 10:46	1.60	39.12	1.75
2019/11/30 11:01	1.60	38.44	1.72
2019/11/30 11:16	1.74	44.06	1.75
2019/11/30 11:31	1.77	44.28	1.72
2019/11/30 11:46	1.89	48.44	1.71
2019/11/30 12:01	1.89	47.19	1.67
2019/11/30 12:16	1.93	44.56	1.53
2019/11/30 12:31	1.89	43.21	1.53
2019/11/30 12:46	1.88	30.96	1.10
2019/11/30 13:01	1.88	42.76	1.53
2019/11/30 13:16	1.88	48.75	1.74
2019/11/30 13:31	1.88	52.94	1.89
2019/11/30 13:46	1.96	51.84	1.74
2019/11/30 14:01	1.96	53.52	1.80
2019/11/30 14:16	1.86	49.80	1.80
2019/11/30 14:31	1.91	51.39	1.80
2019/11/30 14:46	1.91	45.54	1.59
2019/11/30 15:01	1.86	49.80	1.80
2019/11/30 15:16	1.86	46.55	1.68
2019/11/30 15:31	1.74	39.11	1.56
2019/11/30 15:46	1.73	39.23	1.58
2019/11/30 16:01	1.63	36.12	1.58
2019/11/30 16:16	1.61	35.16	1.56
2019/11/30 16:31	1.61	35.16	1.56
2019/11/30 16:46	1.63	32.38	1.42

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/30 17:01	1.67	33.57	1.42
2019/11/30 17:16	1.74	45.21	1.80
2019/11/30 17:31	1.75	45.72	1.80
2019/11/30 17:46	1.75	41.61	1.64
2019/11/30 18:01	1.75	47.15	1.86
2019/11/30 18:16	1.81	43.50	1.64
2019/11/30 18:31	1.75	36.26	1.43
2019/11/30 18:46	1.75	36.26	1.43
2019/11/30 19:01	1.75	47.15	1.86
2019/11/30 19:16	1.75	46.92	1.85
2019/11/30 19:31	1.74	46.39	1.85
2019/11/30 19:46	1.73	46.32	1.86
2019/11/30 20:01	1.71	45.79	1.86
2019/11/30 20:16	1.71	45.79	1.86
2019/11/30 20:31	1.71	45.79	1.86
2019/11/30 20:46	1.71	47.52	1.93
2019/11/30 21:01	1.68	46.42	1.93
2019/11/30 21:16	1.73	33.02	1.33
2019/11/30 21:31	1.66	31.14	1.33
2019/11/30 21:46	1.66	31.60	1.35
2019/11/30 22:01	1.64	31.23	1.35
2019/11/30 22:16	1.64	31.23	1.35
2019/11/30 22:31	1.64	37.27	1.61
2019/11/30 22:46	1.63	36.82	1.61
2019/11/30 23:01	1.63	38.35	1.68
2019/11/30 23:16	1.63	38.35	1.68
2019/11/30 23:31	1.61	37.88	1.68
2019/11/30 23:46	1.56	34.43	1.60
2019/12/01 00:01	1.56	29.44	1.37
2019/12/01 00:16	1.50	26.83	1.32
2019/12/01 00:31	1.42	23.66	1.26
2019/12/01 00:46	1.32	19.88	1.17
2019/12/01 01:01	1.32	19.88	1.17
2019/12/01 01:16	1.32	20.01	1.18
2019/12/01 01:31	1.35	20.62	1.18
2019/12/01 01:46	1.35	20.14	1.15
2019/12/01 02:01	1.35	20.14	1.15
2019/12/01 02:16	1.35	20.14	1.15
2019/12/01 02:31	1.35	16.70	0.96
2019/12/01 02:46	1.31	15.96	0.96
2019/12/01 03:01	1.28	15.47	0.96
2019/12/01 03:16	1.24	16.78	1.09
2019/12/01 03:31	1.23	16.50	1.09
2019/12/01 03:46	1.23	16.50	1.09
2019/12/01 04:01	1.23	16.69	1.10

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/01 04:16	1.20	16.14	1.10
2019/12/01 04:31	1.18	15.87	1.10
2019/12/01 04:46	1.18	13.34	0.92
2019/12/01 05:01	1.18	17.09	1.18
2019/12/01 05:16	1.18	13.34	0.92
2019/12/01 05:31	1.18	17.59	1.22
2019/12/01 05:46	1.20	13.57	0.92
2019/12/01 06:01	1.20	17.58	1.20
2019/12/01 06:16	1.20	12.58	0.86
2019/12/01 06:31	1.20	14.55	0.99
2019/12/01 06:46	1.20	14.55	0.99
2019/12/01 07:01	1.18	17.00	1.18
2019/12/01 07:16	1.18	17.00	1.18
2019/12/01 07:31	1.18	17.00	1.18
2019/12/01 07:46	1.18	17.00	1.18
2019/12/01 08:01	1.23	17.87	1.18
2019/12/01 08:16	1.23	18.22	1.20
2019/12/01 08:31	1.27	18.86	1.18
2019/12/01 08:46	1.35	24.09	1.38
2019/12/01 09:01	1.39	25.17	1.38
2019/12/01 09:16	1.42	22.57	1.20
2019/12/01 09:31	1.42	22.57	1.20
2019/12/01 09:46	1.42	22.57	1.20
2019/12/01 10:01	1.46	23.53	1.20
2019/12/01 10:16	1.56	31.21	1.45
2019/12/01 10:31	1.60	40.72	1.83
2019/12/01 10:46	1.71	47.59	1.94
2019/12/01 11:01	1.71	47.59	1.94
2019/12/01 11:16	1.73	45.34	1.83
2019/12/01 11:31	1.84	42.50	1.57
2019/12/01 11:46	1.89	43.82	1.55
2019/12/01 12:01	1.89	43.82	1.55
2019/12/01 12:16	1.95	45.65	1.55
2019/12/01 12:31	1.89	43.82	1.55
2019/12/01 12:46	1.84	43.49	1.60
2019/12/01 13:01	1.79	42.10	1.60
2019/12/01 13:16	1.73	41.66	1.68
2019/12/01 13:31	1.66	39.29	1.68
2019/12/01 13:46	1.61	37.88	1.68
2019/12/01 14:01	1.61	36.85	1.63
2019/12/01 14:16	1.61	40.54	1.79
2019/12/01 14:31	1.64	40.94	1.77
2019/12/01 14:46	1.74	44.44	1.77
2019/12/01 15:01	1.74	42.48	1.69
2019/12/01 15:16	1.74	42.48	1.69

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/01 15:31	1.71	41.52	1.69
2019/12/01 15:46	1.68	40.56	1.69
2019/12/01 16:01	1.67	46.35	1.95
2019/12/01 16:16	1.67	46.35	1.95
2019/12/01 16:31	1.66	45.80	1.95
2019/12/01 16:46	1.67	44.68	1.88
2019/12/01 17:01	1.68	43.27	1.80
2019/12/01 17:16	1.75	44.79	1.76
2019/12/01 17:31	1.75	43.51	1.71
2019/12/01 17:46	1.89	43.94	1.55
2019/12/01 18:01	1.78	40.33	1.55
2019/12/01 18:16	1.78	39.14	1.51
2019/12/01 18:31	1.78	39.50	1.52
2019/12/01 18:46	1.78	39.50	1.52
2019/12/01 19:01	1.78	40.29	1.55
2019/12/01 19:16	1.78	40.29	1.55
2019/12/01 19:31	1.78	41.56	1.60
2019/12/01 19:46	1.78	41.56	1.60
2019/12/01 20:01	1.78	41.56	1.60
2019/12/01 20:16	1.78	40.96	1.58
2019/12/01 20:31	1.78	40.96	1.58
2019/12/01 20:46	1.78	40.96	1.58
2019/12/01 21:01	1.78	40.96	1.58
2019/12/01 21:16	1.78	40.96	1.58
2019/12/01 21:31	1.78	35.41	1.36
2019/12/01 21:46	1.78	35.41	1.36
2019/12/01 22:01	1.81	36.20	1.36
2019/12/01 22:16	1.88	50.03	1.79
2019/12/01 22:31	1.88	50.03	1.79
2019/12/01 22:46	1.88	50.03	1.79
2019/12/01 23:01	1.88	47.76	1.70
2019/12/01 23:16	1.81	43.94	1.65
2019/12/01 23:31	1.78	42.59	1.64
2019/12/01 23:46	1.74	39.99	1.59
2019/12/02 00:01	1.71	33.09	1.35
2019/12/02 00:16	1.66	31.57	1.35
2019/12/02 00:31	1.63	30.19	1.32
2019/12/02 00:46	1.42	17.58	0.94
2019/12/02 01:01	1.34	16.11	0.94
2019/12/02 01:16	1.34	15.22	0.88
2019/12/02 01:31	1.41	16.37	0.88
2019/12/02 01:46	1.41	18.86	1.02
2019/12/02 02:01	1.41	18.86	1.02
2019/12/02 02:16	1.41	18.86	1.02
2019/12/02 02:31	1.35	17.79	1.02

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/02 02:46	1.31	16.29	0.98
2019/12/02 03:01	1.27	15.55	0.98
2019/12/02 03:16	1.24	16.00	1.04
2019/12/02 03:31	1.20	15.23	1.04
2019/12/02 03:46	1.20	15.23	1.04
2019/12/02 04:01	1.20	15.43	1.05
2019/12/02 04:16	1.20	16.12	1.10
2019/12/02 04:31	1.20	16.12	1.10
2019/12/02 04:46	1.23	15.60	1.03
2019/12/02 05:01	1.24	16.94	1.10
2019/12/02 05:16	1.24	15.76	1.02
2019/12/02 05:31	1.25	13.36	0.85
2019/12/02 05:46	1.29	16.80	1.02
2019/12/02 06:01	1.25	16.02	1.02
2019/12/02 06:16	1.29	15.24	0.93
2019/12/02 06:31	1.35	16.19	0.93
2019/12/02 06:46	1.29	15.24	0.93
2019/12/02 07:01	1.29	15.24	0.93
2019/12/02 07:16	1.42	19.47	1.04
2019/12/02 07:31	1.50	22.35	1.10
2019/12/02 07:46	1.60	27.38	1.23
2019/12/02 08:01	1.63	28.06	1.23
2019/12/02 08:16	1.63	28.06	1.23
2019/12/02 08:31	1.66	30.46	1.30
2019/12/02 08:46	1.66	30.82	1.32
2019/12/02 09:01	1.66	30.82	1.32
2019/12/02 09:16	1.70	36.67	1.51
2019/12/02 09:31	1.66	30.82	1.32
2019/12/02 09:46	1.70	36.67	1.51
2019/12/02 10:01	1.78	40.21	1.55
2019/12/02 10:16	1.81	41.83	1.57
2019/12/02 10:31	1.78	40.21	1.55
2019/12/02 10:46	1.78	40.21	1.55
2019/12/02 11:01	1.79	39.57	1.51
2019/12/02 11:16	1.79	39.57	1.51
2019/12/02 11:31	1.78	38.58	1.48
2019/12/02 11:46	1.79	39.01	1.48
2019/12/02 12:01	1.82	37.95	1.41
2019/12/02 12:16	1.82	43.19	1.61
2019/12/02 12:31	1.78	41.80	1.61
2019/12/02 12:46	1.81	42.73	1.61
2019/12/02 13:01	1.79	37.13	1.41
2019/12/02 13:16	1.79	37.13	1.41
2019/12/02 13:31	1.81	37.54	1.41
2019/12/02 13:46	1.84	38.36	1.41

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/02 14:01	1.91	47.07	1.64
2019/12/02 14:16	1.98	55.84	1.86
2019/12/02 14:31	2.00	57.00	1.86
2019/12/02 14:46	2.03	58.12	1.86
2019/12/02 15:01	2.03	58.12	1.86
2019/12/02 15:16	2.07	59.80	1.86
2019/12/02 15:31	2.17	63.78	1.86
2019/12/02 15:46	2.21	67.76	1.92
2019/12/02 16:01	2.18	63.87	1.84
2019/12/02 16:16	2.18	63.87	1.84
2019/12/02 16:31	2.17	62.10	1.81
2019/12/02 16:46	1.93	51.16	1.75
2019/12/02 17:01	1.91	49.38	1.73
2019/12/02 17:16	1.91	47.15	1.65
2019/12/02 17:31	1.92	47.64	1.65
2019/12/02 17:46	1.91	47.15	1.65
2019/12/02 18:01	1.91	51.69	1.81
2019/12/02 18:16	1.91	51.69	1.81
2019/12/02 18:31	1.91	51.69	1.81
2019/12/02 18:46	1.86	50.10	1.81
2019/12/02 19:01	1.86	48.45	1.75
2019/12/02 19:16	1.91	48.86	1.71
2019/12/02 19:31	1.91	48.86	1.71
2019/12/02 19:46	1.81	45.36	1.71
2019/12/02 20:01	1.81	39.48	1.49
2019/12/02 20:16	1.67	35.24	1.49
2019/12/02 20:31	1.67	35.24	1.49
2019/12/02 20:46	1.60	33.16	1.49
2019/12/02 21:01	1.67	39.65	1.67
2019/12/02 21:16	1.73	45.64	1.84
2019/12/02 21:31	1.74	46.16	1.84
2019/12/02 21:46	1.74	46.16	1.84
2019/12/02 22:01	1.84	49.87	1.84
2019/12/02 22:16	1.84	49.87	1.84
2019/12/02 22:31	1.84	44.82	1.65
2019/12/02 22:46	1.84	51.12	1.88
2019/12/02 23:01	1.77	37.49	1.46
2019/12/02 23:16	1.74	36.66	1.46
2019/12/02 23:31	1.67	34.59	1.46
2019/12/02 23:46	1.60	33.13	1.48
2019/12/03 00:01	1.45	28.19	1.46
2019/12/03 00:16	1.39	25.50	1.40
2019/12/03 00:31	1.38	24.45	1.36
2019/12/03 00:46	1.36	22.93	1.29
2019/12/03 01:01	1.31	20.52	1.23

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/03 01:16	1.16	16.15	1.16
2019/12/03 01:31	1.13	15.13	1.12
2019/12/03 01:46	1.10	13.54	1.04
2019/12/03 02:01	1.10	14.57	1.12
2019/12/03 02:16	1.10	13.23	1.02
2019/12/03 02:31	1.10	11.90	0.92
2019/12/03 02:46	1.10	13.23	1.02
2019/12/03 03:01	1.07	13.98	1.12
2019/12/03 03:16	1.07	11.46	0.92
2019/12/03 03:31	1.07	13.66	1.09
2019/12/03 03:46	1.07	13.66	1.09
2019/12/03 04:01	1.07	13.20	1.05
2019/12/03 04:16	1.04	12.19	1.01
2019/12/03 04:31	0.98	11.03	1.01
2019/12/03 04:46	1.00	10.95	0.96
2019/12/03 05:01	1.00	11.49	1.01
2019/12/03 05:16	1.00	11.35	1.00
2019/12/03 05:31	1.02	11.58	1.00
2019/12/03 05:46	1.09	12.96	1.02
2019/12/03 06:01	1.09	13.30	1.04
2019/12/03 06:16	1.04	12.25	1.02
2019/12/03 06:31	1.04	12.63	1.05
2019/12/03 06:46	1.13	14.19	1.05
2019/12/03 07:01	1.18	15.21	1.05
2019/12/03 07:16	1.29	17.67	1.07
2019/12/03 07:31	1.38	19.34	1.07
2019/12/03 07:46	1.39	19.62	1.07
2019/12/03 08:01	1.41	17.53	0.95
2019/12/03 08:16	1.43	18.03	0.95
2019/12/03 08:31	1.49	19.04	0.95
2019/12/03 08:46	1.61	36.40	1.61
2019/12/03 09:01	1.70	39.11	1.61
2019/12/03 09:16	1.82	43.27	1.61
2019/12/03 09:31	1.82	43.27	1.61
2019/12/03 09:46	1.82	46.18	1.72
2019/12/03 10:01	1.82	40.32	1.50
2019/12/03 10:16	1.82	40.08	1.49
2019/12/03 10:31	1.85	47.19	1.72
2019/12/03 10:46	1.89	49.56	1.75
2019/12/03 11:01	1.92	58.14	2.01
2019/12/03 11:16	1.92	58.14	2.01
2019/12/03 11:31	1.89	56.95	2.01
2019/12/03 11:46	1.86	49.00	1.77
2019/12/03 12:01	1.74	22.16	0.88
2019/12/03 12:16	1.74	22.16	0.88

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/03 12:31	1.74	34.32	1.37
2019/12/03 12:46	1.74	44.21	1.76
2019/12/03 13:01	1.82	36.68	1.37
2019/12/03 13:16	1.84	47.76	1.76
2019/12/03 13:31	1.96	55.61	1.87
2019/12/03 13:46	1.96	56.56	1.90
2019/12/03 14:01	1.96	56.56	1.90
2019/12/03 14:16	1.93	58.69	2.01
2019/12/03 14:31	1.86	55.73	2.01
2019/12/03 14:46	1.79	52.81	2.01
2019/12/03 15:01	1.70	36.15	1.49
2019/12/03 15:16	1.70	48.78	2.01
2019/12/03 15:31	1.73	37.00	1.49
2019/12/03 15:46	1.73	44.16	1.78
2019/12/03 16:01	1.73	44.16	1.78
2019/12/03 16:16	1.73	44.16	1.78
2019/12/03 16:31	1.73	41.21	1.66
2019/12/03 16:46	1.73	41.21	1.66
2019/12/03 17:01	1.78	34.34	1.32
2019/12/03 17:16	1.71	32.45	1.32
2019/12/03 17:31	1.54	28.03	1.32
2019/12/03 17:46	1.54	31.01	1.46
2019/12/03 18:01	1.59	33.96	1.54
2019/12/03 18:16	1.59	37.49	1.70
2019/12/03 18:31	1.77	48.82	1.90
2019/12/03 18:46	1.77	48.82	1.90
2019/12/03 19:01	1.77	50.59	1.97
2019/12/03 19:16	1.77	48.82	1.90
2019/12/03 19:31	1.59	24.65	1.12
2019/12/03 19:46	1.59	24.65	1.12
2019/12/03 20:01	1.59	23.47	1.07
2019/12/03 20:16	1.57	23.18	1.07
2019/12/03 20:31	1.59	23.47	1.07
2019/12/03 20:46	1.63	30.57	1.34
2019/12/03 21:01	1.63	18.98	0.83
2019/12/03 21:16	1.68	32.07	1.34
2019/12/03 21:31	1.68	19.92	0.83
2019/12/03 21:46	1.68	32.07	1.34
2019/12/03 22:01	1.68	41.77	1.74
2019/12/03 22:16	1.78	48.90	1.88
2019/12/03 22:31	1.78	45.25	1.74
2019/12/03 22:46	1.78	50.68	1.95
2019/12/03 23:01	1.78	50.68	1.95
2019/12/03 23:16	1.66	35.21	1.50
2019/12/03 23:31	1.46	29.44	1.50

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/03 23:46	1.41	27.85	1.50
2019/12/04 00:01	1.29	21.41	1.30
2019/12/04 00:16	1.29	21.09	1.28
2019/12/04 00:31	1.28	20.76	1.28
2019/12/04 00:46	1.25	16.91	1.08
2019/12/04 01:01	1.23	16.23	1.07
2019/12/04 01:16	1.16	13.87	0.99
2019/12/04 01:31	1.16	13.87	0.99
2019/12/04 01:46	1.23	12.98	0.85
2019/12/04 02:01	1.16	11.93	0.85
2019/12/04 02:16	1.17	12.27	0.86
2019/12/04 02:31	1.17	12.27	0.86
2019/12/04 02:46	1.17	15.26	1.07
2019/12/04 03:01	1.17	15.26	1.07
2019/12/04 03:16	1.21	15.23	1.02
2019/12/04 03:31	1.35	19.31	1.10
2019/12/04 03:46	1.35	17.93	1.03
2019/12/04 04:01	1.35	17.93	1.03
2019/12/04 04:16	1.39	27.81	1.52
2019/12/04 04:31	1.52	33.59	1.63
2019/12/04 04:46	1.52	33.59	1.63
2019/12/04 05:01	1.52	37.81	1.83
2019/12/04 05:16	1.52	37.81	1.83
2019/12/04 05:31	1.52	37.81	1.83
2019/12/04 05:46	1.84	48.71	1.79
2019/12/04 06:01	1.84	50.21	1.85
2019/12/04 06:16	1.92	51.87	1.79
2019/12/04 06:31	1.84	50.21	1.85
2019/12/04 06:46	1.75	46.19	1.82
2019/12/04 07:01	1.63	41.56	1.82
2019/12/04 07:16	1.61	41.06	1.82
2019/12/04 07:31	1.60	40.55	1.82
2019/12/04 07:46	1.57	38.72	1.78
2019/12/04 08:01	1.60	38.82	1.74
2019/12/04 08:16	1.57	37.85	1.74
2019/12/04 08:31	1.57	37.46	1.72
2019/12/04 08:46	1.50	34.55	1.69
2019/12/04 09:01	1.50	30.66	1.50
2019/12/04 09:16	1.50	30.66	1.50
2019/12/04 09:31	1.74	37.77	1.50
2019/12/04 09:46	1.74	37.77	1.50
2019/12/04 10:01	2.17	66.82	1.95
2019/12/04 10:16	2.35	74.70	1.95
2019/12/04 10:31	2.64	92.35	2.05
2019/12/04 10:46	2.64	95.24	2.11

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/04 11:01	2.64	95.24	2.11
2019/12/04 11:16	2.52	89.10	2.11
2019/12/04 11:31	2.28	77.71	2.11
2019/12/04 11:46	2.23	58.31	1.64
2019/12/04 12:01	2.16	55.78	1.64
2019/12/04 12:16	1.82	52.74	1.96
2019/12/04 12:31	1.82	52.74	1.96
2019/12/04 12:46	1.82	52.74	1.96
2019/12/04 13:01	1.79	51.60	1.96
2019/12/04 13:16	1.79	53.13	2.02
2019/12/04 13:31	1.85	55.10	2.01
2019/12/04 13:46	1.85	53.76	1.96
2019/12/04 14:01	1.88	56.27	2.01
2019/12/04 14:16	1.88	56.27	2.01
2019/12/04 14:31	1.93	58.64	2.01
2019/12/04 14:46	1.88	55.03	1.96
2019/12/04 15:01	1.85	53.88	1.96
2019/12/04 15:16	1.73	42.04	1.69
2019/12/04 15:31	1.73	43.56	1.75
2019/12/04 15:46	1.73	41.36	1.66
2019/12/04 16:01	1.79	42.50	1.62
2019/12/04 16:16	1.79	43.74	1.66
2019/12/04 16:31	1.79	42.50	1.62
2019/12/04 16:46	1.68	38.81	1.62
2019/12/04 17:01	1.64	38.54	1.66
2019/12/04 17:16	1.64	45.35	1.96
2019/12/04 17:31	1.64	45.35	1.96
2019/12/04 17:46	1.67	47.32	2.00
2019/12/04 18:01	1.67	46.45	1.96
2019/12/04 18:16	1.67	44.64	1.88
2019/12/04 18:31	1.66	40.22	1.72
2019/12/04 18:46	1.63	39.47	1.73
2019/12/04 19:01	1.63	39.26	1.72
2019/12/04 19:16	1.63	39.47	1.73
2019/12/04 19:31	1.63	37.55	1.64
2019/12/04 19:46	1.63	39.47	1.73
2019/12/04 20:01	1.60	35.41	1.59
2019/12/04 20:16	1.60	34.83	1.56
2019/12/04 20:31	1.61	34.85	1.54
2019/12/04 20:46	1.61	34.85	1.54
2019/12/04 21:01	1.67	36.58	1.54
2019/12/04 21:16	1.67	46.45	1.96
2019/12/04 21:31	1.67	46.45	1.96
2019/12/04 21:46	1.64	45.35	1.96
2019/12/04 22:01	1.64	45.35	1.96

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/04 22:16	1.64	46.27	2.00
2019/12/04 22:31	1.93	58.38	2.00
2019/12/04 22:46	1.93	58.38	2.00
2019/12/04 23:01	1.93	58.38	2.00
2019/12/04 23:16	1.57	35.73	1.64
2019/12/04 23:31	1.57	35.73	1.64
2019/12/04 23:46	1.52	31.76	1.54
2019/12/05 00:01	1.50	29.16	1.43
2019/12/05 00:16	1.43	26.75	1.40
2019/12/05 00:31	1.36	16.35	0.92
2019/12/05 00:46	1.29	15.16	0.92
2019/12/05 01:01	1.28	14.93	0.92
2019/12/05 01:16	1.27	14.89	0.93
2019/12/05 01:31	1.24	15.57	1.01
2019/12/05 01:46	1.24	15.57	1.01
2019/12/05 02:01	1.24	16.26	1.05
2019/12/05 02:16	1.23	15.76	1.04
2019/12/05 02:31	1.21	15.50	1.04
2019/12/05 02:46	1.21	17.42	1.17
2019/12/05 03:01	1.20	17.85	1.21
2019/12/05 03:16	1.18	16.84	1.17
2019/12/05 03:31	1.13	15.71	1.17
2019/12/05 03:46	1.11	15.43	1.17
2019/12/05 04:01	1.04	14.31	1.19
2019/12/05 04:16	1.11	9.31	0.70
2019/12/05 04:31	1.11	14.48	1.09
2019/12/05 04:46	1.04	13.61	1.13
2019/12/05 05:01	1.04	13.61	1.13
2019/12/05 05:16	1.06	13.63	1.11
2019/12/05 05:31	1.06	13.63	1.11
2019/12/05 05:46	1.07	13.89	1.11
2019/12/05 06:01	1.13	14.95	1.11
2019/12/05 06:16	1.17	12.16	0.86
2019/12/05 06:31	1.18	12.37	0.86
2019/12/05 06:46	1.31	18.46	1.10
2019/12/05 07:01	1.31	18.46	1.10
2019/12/05 07:16	1.38	15.69	0.87
2019/12/05 07:31	1.38	19.89	1.10
2019/12/05 07:46	1.43	23.93	1.26
2019/12/05 08:01	1.43	16.60	0.87
2019/12/05 08:16	1.43	22.94	1.20
2019/12/05 08:31	1.45	26.01	1.35
2019/12/05 08:46	1.45	28.84	1.49
2019/12/05 09:01	1.49	29.02	1.44
2019/12/05 09:16	1.53	32.24	1.54

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/05 09:31	1.61	37.13	1.64
2019/12/05 09:46	1.67	39.98	1.69
2019/12/05 10:01	1.67	39.98	1.69
2019/12/05 10:16	1.70	42.82	1.76
2019/12/05 10:31	1.70	49.78	2.05
2019/12/05 10:46	1.70	49.78	2.05
2019/12/05 11:01	1.70	42.82	1.76
2019/12/05 11:16	1.81	46.86	1.76
2019/12/05 11:31	1.81	49.70	1.87
2019/12/05 11:46	1.81	45.28	1.70
2019/12/05 12:01	1.79	49.16	1.87
2019/12/05 12:16	1.74	47.01	1.87
2019/12/05 12:31	1.71	41.18	1.68
2019/12/05 12:46	1.73	41.66	1.68
2019/12/05 13:01	1.73	46.36	1.87
2019/12/05 13:16	1.71	44.11	1.80
2019/12/05 13:31	1.71	45.83	1.87
2019/12/05 13:46	1.73	50.91	2.05
2019/12/05 14:01	1.75	57.51	2.26
2019/12/05 14:16	1.75	52.08	2.05
2019/12/05 14:31	1.75	52.08	2.05
2019/12/05 14:46	1.77	56.04	2.18
2019/12/05 15:01	1.77	46.90	1.83
2019/12/05 15:16	1.77	35.61	1.39
2019/12/05 15:31	1.74	45.86	1.83
2019/12/05 15:46	1.85	50.45	1.84
2019/12/05 16:01	1.85	48.82	1.78
2019/12/05 16:16	1.92	51.43	1.78
2019/12/05 16:31	1.92	51.43	1.78
2019/12/05 16:46	1.92	48.04	1.66
2019/12/05 17:01	1.92	45.88	1.59
2019/12/05 17:16	1.93	46.34	1.59
2019/12/05 17:31	2.13	53.04	1.59
2019/12/05 17:46	2.18	52.03	1.50
2019/12/05 18:01	2.21	55.97	1.59
2019/12/05 18:16	2.21	39.66	1.12
2019/12/05 18:31	2.21	39.66	1.12
2019/12/05 18:46	2.16	53.39	1.57
2019/12/05 19:01	2.02	56.47	1.82
2019/12/05 19:16	1.96	46.74	1.57
2019/12/05 19:31	1.96	46.74	1.57
2019/12/05 19:46	1.82	45.08	1.68
2019/12/05 20:01	1.78	43.62	1.68
2019/12/05 20:16	1.78	43.62	1.68
2019/12/05 20:31	1.78	43.62	1.68

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/05 20:46	1.85	46.06	1.68
2019/12/05 21:01	1.88	33.57	1.20
2019/12/05 21:16	1.99	36.41	1.20
2019/12/05 21:31	1.99	36.41	1.20
2019/12/05 21:46	1.99	33.72	1.11
2019/12/05 22:01	1.99	42.76	1.41
2019/12/05 22:16	1.92	42.48	1.47
2019/12/05 22:31	1.92	42.48	1.47
2019/12/05 22:46	1.91	44.01	1.54
2019/12/05 23:01	1.78	39.97	1.54
2019/12/05 23:16	1.78	38.19	1.47
2019/12/05 23:31	1.70	37.34	1.54
2019/12/05 23:46	1.68	28.70	1.20
2019/12/06 00:01	1.64	27.69	1.20
2019/12/06 00:16	1.61	27.03	1.20
2019/12/06 00:31	1.57	26.03	1.20
2019/12/06 00:46	1.38	18.62	1.03
2019/12/06 01:01	1.35	14.38	0.82
2019/12/06 01:16	1.35	13.71	0.78
2019/12/06 01:31	1.34	13.51	0.78
2019/12/06 01:46	1.31	13.10	0.78
2019/12/06 02:01	1.24	11.62	0.75
2019/12/06 02:16	1.31	12.57	0.75
2019/12/06 02:31	1.31	13.95	0.83
2019/12/06 02:46	1.21	12.47	0.83
2019/12/06 03:01	1.18	12.06	0.83
2019/12/06 03:16	1.18	12.06	0.83
2019/12/06 03:31	1.18	11.84	0.82
2019/12/06 03:46	1.10	9.30	0.72
2019/12/06 04:01	1.10	9.30	0.72
2019/12/06 04:16	1.10	9.30	0.72
2019/12/06 04:31	1.16	8.75	0.63
2019/12/06 04:46	1.16	8.75	0.63
2019/12/06 05:01	1.17	8.95	0.63
2019/12/06 05:16	1.17	8.95	0.63
2019/12/06 05:31	1.17	10.16	0.72
2019/12/06 05:46	1.18	10.34	0.72
2019/12/06 06:01	1.18	10.34	0.72
2019/12/06 06:16	1.18	10.16	0.70
2019/12/06 06:31	1.18	10.16	0.70
2019/12/06 06:46	1.29	11.57	0.70
2019/12/06 07:01	1.29	10.85	0.66
2019/12/06 07:16	1.46	16.59	0.85
2019/12/06 07:31	1.53	23.61	1.13
2019/12/06 07:46	1.70	33.08	1.36

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/06 08:01	1.73	36.13	1.45
2019/12/06 08:16	1.70	35.30	1.45
2019/12/06 08:31	1.73	38.29	1.54
2019/12/06 08:46	1.74	45.05	1.79
2019/12/06 09:01	1.79	48.48	1.84
2019/12/06 09:16	1.86	49.72	1.79
2019/12/06 09:31	1.86	49.72	1.79
2019/12/06 09:46	1.86	49.68	1.79
2019/12/06 10:01	1.92	51.79	1.79
2019/12/06 10:16	1.85	47.73	1.74
2019/12/06 10:31	1.85	47.73	1.74
2019/12/06 10:46	1.85	45.59	1.66
2019/12/06 11:01	1.91	47.55	1.66
2019/12/06 11:16	1.91	41.21	1.44
2019/12/06 11:31	1.91	22.44	0.78
2019/12/06 11:46	1.95	23.14	0.78
2019/12/06 12:01	1.95	40.15	1.36
2019/12/06 12:16	1.95	40.15	1.36
2019/12/06 12:31	1.92	39.35	1.36
2019/12/06 12:46	1.92	52.80	1.83
2019/12/06 13:01	1.89	52.07	1.84
2019/12/06 13:16	1.89	52.07	1.84
2019/12/06 13:31	1.88	51.91	1.85
2019/12/06 13:46	1.81	49.21	1.85
2019/12/06 14:01	1.81	49.54	1.86
2019/12/06 14:16	1.81	49.54	1.86
2019/12/06 14:31	1.82	50.94	1.90
2019/12/06 14:46	1.82	49.95	1.86
2019/12/06 15:01	1.88	52.13	1.86
2019/12/06 15:16	1.95	54.74	1.86
2019/12/06 15:31	1.88	48.45	1.73
2019/12/06 15:46	1.88	48.45	1.73
2019/12/06 16:01	1.82	49.83	1.86
2019/12/06 16:16	1.81	49.29	1.86
2019/12/06 16:31	1.75	43.94	1.73
2019/12/06 16:46	1.74	33.13	1.32
2019/12/06 17:01	1.74	33.13	1.32
2019/12/06 17:16	1.70	32.00	1.32
2019/12/06 17:31	1.68	32.14	1.34
2019/12/06 17:46	1.68	34.08	1.42
2019/12/06 18:01	1.68	36.54	1.52
2019/12/06 18:16	1.70	39.15	1.61
2019/12/06 18:31	1.70	40.67	1.68
2019/12/06 18:46	1.70	46.63	1.92
2019/12/06 19:01	1.68	46.09	1.92

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/06 19:16	1.68	46.09	1.92
2019/12/06 19:31	1.68	46.09	1.92
2019/12/06 19:46	1.68	46.31	1.93
2019/12/06 20:01	1.68	43.86	1.83
2019/12/06 20:16	1.64	42.32	1.83
2019/12/06 20:31	1.64	38.85	1.68
2019/12/06 20:46	1.64	38.85	1.68
2019/12/06 21:01	1.64	37.83	1.63
2019/12/06 21:16	1.70	39.67	1.63
2019/12/06 21:31	1.70	43.30	1.78
2019/12/06 21:46	1.70	47.63	1.96
2019/12/06 22:01	1.70	43.52	1.79
2019/12/06 22:16	1.68	43.02	1.79
2019/12/06 22:31	1.68	49.90	2.08
2019/12/06 22:46	1.78	46.60	1.79
2019/12/06 23:01	1.81	47.63	1.79
2019/12/06 23:16	1.85	51.71	1.88
2019/12/06 23:31	1.85	51.71	1.88
2019/12/06 23:46	1.81	42.08	1.58
2019/12/07 00:01	1.63	33.33	1.46
2019/12/07 00:16	1.43	23.61	1.24
2019/12/07 00:31	1.39	22.49	1.23
2019/12/07 00:46	1.39	20.48	1.12
2019/12/07 01:01	1.32	19.03	1.12
2019/12/07 01:16	1.27	17.88	1.12
2019/12/07 01:31	1.27	15.26	0.96
2019/12/07 01:46	1.24	19.89	1.29
2019/12/07 02:01	1.24	19.89	1.29
2019/12/07 02:16	1.24	17.81	1.15
2019/12/07 02:31	1.29	18.75	1.14
2019/12/07 02:46	1.32	19.34	1.14
2019/12/07 03:01	1.41	15.13	0.82
2019/12/07 03:16	1.41	14.84	0.80
2019/12/07 03:31	1.41	15.13	0.82
2019/12/07 03:46	1.38	14.39	0.80
2019/12/07 04:01	1.34	13.32	0.77
2019/12/07 04:16	1.32	13.12	0.77
2019/12/07 04:31	1.29	13.10	0.80
2019/12/07 04:46	1.29	13.10	0.80
2019/12/07 05:01	1.32	13.51	0.80
2019/12/07 05:16	1.31	13.31	0.80
2019/12/07 05:31	1.32	13.62	0.80
2019/12/07 05:46	1.34	13.82	0.80
2019/12/07 06:01	1.35	13.66	0.78
2019/12/07 06:16	1.35	13.23	0.76

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/07 06:31	1.38	13.54	0.75
2019/12/07 06:46	1.41	13.94	0.75
2019/12/07 07:01	1.41	14.02	0.76
2019/12/07 07:16	1.59	23.40	1.06
2019/12/07 07:31	1.60	25.37	1.14
2019/12/07 07:46	1.66	26.63	1.14
2019/12/07 08:01	1.68	27.31	1.14
2019/12/07 08:16	1.68	27.27	1.14
2019/12/07 08:31	1.66	24.13	1.03
2019/12/07 08:46	1.66	24.13	1.03
2019/12/07 09:01	1.70	31.19	1.28
2019/12/07 09:16	1.68	30.82	1.28
2019/12/07 09:31	1.70	45.71	1.88
2019/12/07 09:46	1.79	49.48	1.88
2019/12/07 10:01	2.02	60.40	1.95
2019/12/07 10:16	2.02	61.72	1.99
2019/12/07 10:31	2.02	61.72	1.99
2019/12/07 10:46	1.86	55.22	1.99
2019/12/07 11:01	1.86	60.30	2.17
2019/12/07 11:16	1.78	51.75	1.99
2019/12/07 11:31	1.78	56.87	2.19
2019/12/07 11:46	1.86	62.12	2.24
2019/12/07 12:01	1.86	62.12	2.24
2019/12/07 12:16	1.86	62.12	2.24
2019/12/07 12:31	1.88	62.77	2.24
2019/12/07 12:46	1.86	49.21	1.77
2019/12/07 13:01	1.77	45.61	1.77
2019/12/07 13:16	1.88	54.86	1.96
2019/12/07 13:31	1.88	54.86	1.96
2019/12/07 13:46	1.86	54.29	1.96
2019/12/07 14:01	1.92	59.46	2.06
2019/12/07 14:16	1.92	59.55	2.06
2019/12/07 14:31	1.95	64.24	2.18
2019/12/07 14:46	1.86	57.12	2.06
2019/12/07 15:01	1.86	58.01	2.09
2019/12/07 15:16	1.74	51.76	2.06
2019/12/07 15:31	1.71	49.99	2.04
2019/12/07 15:46	1.68	48.73	2.03
2019/12/07 16:01	1.68	47.26	1.97
2019/12/07 16:16	1.68	47.26	1.97
2019/12/07 16:31	1.78	51.20	1.97
2019/12/07 16:46	1.88	60.81	2.17
2019/12/07 17:01	1.93	63.37	2.17
2019/12/07 17:16	1.93	63.37	2.17
2019/12/07 17:31	1.88	60.47	2.16

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/07 17:46	1.85	55.35	2.02
2019/12/07 18:01	1.74	49.96	1.99
2019/12/07 18:16	1.70	45.67	1.88
2019/12/07 18:31	1.70	48.26	1.99
2019/12/07 18:46	1.70	47.45	1.95
2019/12/07 19:01	1.70	45.67	1.88
2019/12/07 19:16	1.70	45.67	1.88
2019/12/07 19:31	1.73	48.56	1.95
2019/12/07 19:46	1.73	35.22	1.42
2019/12/07 20:01	1.73	35.22	1.42
2019/12/07 20:16	1.73	35.22	1.42
2019/12/07 20:31	1.63	28.79	1.26
2019/12/07 20:46	1.63	28.79	1.26
2019/12/07 21:01	1.60	36.70	1.64
2019/12/07 21:16	1.64	40.69	1.76
2019/12/07 21:31	1.59	40.42	1.83
2019/12/07 21:46	1.64	42.46	1.83
2019/12/07 22:01	1.67	43.49	1.83
2019/12/07 22:16	1.67	43.02	1.81
2019/12/07 22:31	1.63	41.21	1.80
2019/12/07 22:46	1.67	42.73	1.80
2019/12/07 23:01	1.67	43.02	1.81
2019/12/07 23:16	1.75	46.11	1.81
2019/12/07 23:31	1.75	47.31	1.86
2019/12/07 23:46	1.75	47.31	1.86
2019/12/08 00:01	1.68	42.83	1.79
2019/12/08 00:16	1.52	32.39	1.57
2019/12/08 00:31	1.48	31.12	1.57
2019/12/08 00:46	1.35	18.81	1.08
2019/12/08 01:01	1.31	17.97	1.08
2019/12/08 01:16	1.29	15.74	0.96
2019/12/08 01:31	1.25	15.78	1.01
2019/12/08 01:46	1.25	15.01	0.96
2019/12/08 02:01	1.25	14.58	0.93
2019/12/08 02:16	1.25	14.58	0.93
2019/12/08 02:31	1.23	15.28	1.01
2019/12/08 02:46	1.24	18.12	1.17
2019/12/08 03:01	1.23	17.83	1.17
2019/12/08 03:16	1.18	16.95	1.17
2019/12/08 03:31	1.17	16.17	1.14
2019/12/08 03:46	1.16	15.89	1.14
2019/12/08 04:01	1.14	15.61	1.14
2019/12/08 04:16	1.14	18.73	1.37
2019/12/08 04:31	1.14	18.73	1.37
2019/12/08 04:46	1.14	18.73	1.37

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/08 05:01	1.14	18.73	1.37
2019/12/08 05:16	1.14	18.12	1.32
2019/12/08 05:31	1.16	18.34	1.31
2019/12/08 05:46	1.20	19.31	1.31
2019/12/08 06:01	1.20	16.77	1.14
2019/12/08 06:16	1.20	16.57	1.13
2019/12/08 06:31	1.20	14.80	1.01
2019/12/08 06:46	1.25	16.33	1.04
2019/12/08 07:01	1.25	16.33	1.04
2019/12/08 07:16	1.29	16.57	1.01
2019/12/08 07:31	1.32	17.65	1.04
2019/12/08 07:46	1.34	17.92	1.04
2019/12/08 08:01	1.36	18.46	1.04
2019/12/08 08:16	1.36	18.46	1.04
2019/12/08 08:31	1.41	25.95	1.40
2019/12/08 08:46	1.50	30.94	1.52
2019/12/08 09:01	1.59	36.08	1.64
2019/12/08 09:16	1.70	42.82	1.76
2019/12/08 09:31	1.71	44.18	1.80
2019/12/08 09:46	1.84	55.88	2.06
2019/12/08 10:01	1.71	43.32	1.76
2019/12/08 10:16	1.71	50.55	2.06
2019/12/08 10:31	1.81	54.81	2.06
2019/12/08 10:46	1.85	56.48	2.06
2019/12/08 11:01	1.88	55.03	1.96
2019/12/08 11:16	1.88	55.03	1.96
2019/12/08 11:31	1.81	46.78	1.76
2019/12/08 11:46	1.84	46.02	1.70
2019/12/08 12:01	1.78	44.06	1.70
2019/12/08 12:16	1.68	35.36	1.47
2019/12/08 12:31	1.70	35.93	1.48
2019/12/08 12:46	1.68	35.51	1.48
2019/12/08 13:01	1.68	42.21	1.76
2019/12/08 13:16	1.70	42.71	1.76
2019/12/08 13:31	2.45	78.96	1.94
2019/12/08 13:46	2.45	80.20	1.97
2019/12/08 14:01	2.45	80.20	1.97
2019/12/08 14:16	2.13	68.34	2.04
2019/12/08 14:31	1.98	61.95	2.06
2019/12/08 14:46	1.95	60.73	2.06
2019/12/08 15:01	1.86	55.81	2.01
2019/12/08 15:16	1.74	50.57	2.01
2019/12/08 15:31	1.73	45.83	1.84
2019/12/08 15:46	1.73	44.88	1.81
2019/12/08 16:01	1.73	44.01	1.77

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/08 16:16	1.73	44.01	1.77
2019/12/08 16:31	1.77	42.12	1.64
2019/12/08 16:46	1.77	42.12	1.64
2019/12/08 17:01	1.81	44.43	1.67
2019/12/08 17:16	1.81	44.43	1.67
2019/12/08 17:31	1.81	47.23	1.78
2019/12/08 17:46	1.82	47.74	1.78
2019/12/08 18:01	1.82	47.74	1.78
2019/12/08 18:16	1.88	49.26	1.76
2019/12/08 18:31	1.86	46.55	1.68
2019/12/08 18:46	1.82	45.00	1.68
2019/12/08 19:01	1.86	46.12	1.66
2019/12/08 19:16	1.88	46.61	1.66
2019/12/08 19:31	1.86	46.12	1.66
2019/12/08 19:46	1.99	51.39	1.69
2019/12/08 20:01	1.99	55.33	1.82
2019/12/08 20:16	1.99	55.47	1.83
2019/12/08 20:31	1.95	53.70	1.82
2019/12/08 20:46	2.07	58.62	1.82
2019/12/08 21:01	2.06	58.07	1.82
2019/12/08 21:16	2.06	61.33	1.92
2019/12/08 21:31	2.06	61.58	1.93
2019/12/08 21:46	2.06	61.58	1.93
2019/12/08 22:01	2.06	61.58	1.93
2019/12/08 22:16	2.06	61.24	1.92
2019/12/08 22:31	2.06	61.24	1.92
2019/12/08 22:46	2.16	63.41	1.86
2019/12/08 23:01	2.16	56.09	1.65
2019/12/08 23:16	2.02	51.08	1.65
2019/12/08 23:31	1.78	42.83	1.65
2019/12/08 23:46	1.73	37.76	1.52
2019/12/09 00:01	1.71	32.19	1.31
2019/12/09 00:16	1.57	28.52	1.31
2019/12/09 00:31	1.50	24.43	1.20
2019/12/09 00:46	1.46	23.35	1.19
2019/12/09 01:01	1.42	22.94	1.22
2019/12/09 01:16	1.42	22.94	1.22
2019/12/09 01:31	1.35	21.34	1.22
2019/12/09 01:46	1.35	21.34	1.22
2019/12/09 02:01	1.35	21.34	1.22
2019/12/09 02:16	1.32	20.22	1.19
2019/12/09 02:31	1.32	19.73	1.16
2019/12/09 02:46	1.32	19.42	1.14
2019/12/09 03:01	1.32	19.21	1.13
2019/12/09 03:16	1.31	18.31	1.10

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/09 03:31	1.29	18.03	1.10
2019/12/09 03:46	1.28	17.75	1.10
2019/12/09 04:01	1.28	18.14	1.12
2019/12/09 04:16	1.27	17.86	1.12
2019/12/09 04:31	1.21	16.74	1.12
2019/12/09 04:46	1.21	16.14	1.08
2019/12/09 05:01	1.25	16.95	1.08
2019/12/09 05:16	1.25	16.95	1.08
2019/12/09 05:31	1.25	17.29	1.10
2019/12/09 05:46	1.28	17.99	1.11
2019/12/09 06:01	1.28	18.24	1.13
2019/12/09 06:16	1.35	19.69	1.13
2019/12/09 06:31	1.34	19.18	1.11
2019/12/09 06:46	1.35	19.69	1.13
2019/12/09 07:01	1.41	20.86	1.13
2019/12/09 07:16	1.48	28.54	1.44
2019/12/09 07:31	1.48	28.54	1.44
2019/12/09 07:46	1.48	28.54	1.44
2019/12/09 08:01	1.48	25.09	1.26
2019/12/09 08:16	1.48	25.09	1.26
2019/12/09 08:31	1.48	25.09	1.26
2019/12/09 08:46	1.48	25.06	1.26



Confidential Proprietary Information

DRC Engineering

MH at ~18203 S. Western Av

Gardena, CA 90248

2019.11 Mid Western MH

MH # unknown

Access:

MH in SB lane of Western at 1st driveway of address

System Type:

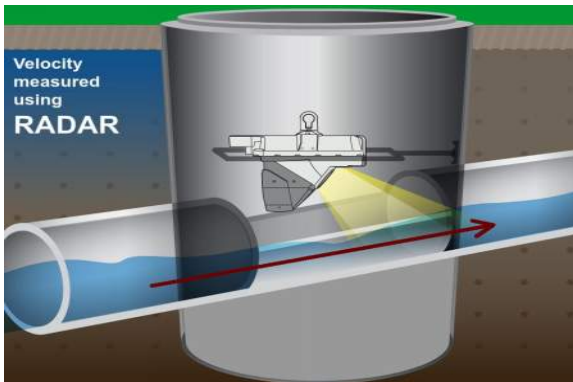
Sanitary Storm

Install Date: 11/21/2019

Map



Technology



Sewer Plan



Flow Meter

Meter Depth: 115"

MH Coordinates: 33.864781, -118.309282

Moderate open channel hydraulics

Avg Velocity	Avg Measured Level	Multiplier
2.0 fps	1.25"	1.0

Gas

O2	H2S	CO	LEL
20.9	0	0	0

Notes

No laterals; monitored the downstream line as it provided the best hydraulics.

Traffic Safety

No formal TCP required; used cones & signs per site-specific CA MUTCD TC requirements.

Land Use

Residential	Commercial	Industrial	Trunk
	X		

Manhole Depth	131"
Monitored Pipe Size	8"
Inner Pipe Size (In/Out)	8"/8"
Pipe Shape	Round
Pipe Condition	Good
Manhole Material	Brick
Silt	0
Velocity Profile Data	*
Velocity Profile Taken	0.4 2-D
Sensor Offset	15.91"
Sensor Dist. to Crown	7.91"
Sensor Direction	Downstream
Flow Heading	North

Temporary Flow Study

DRC Engineering

2019.11 Mid Western MH

Meter Start Date		From	11/21/2019
Meter Stop Date		To	12/9/2019
Velocity (fps)		Level (in)	Flow (mgd)
Average	1.971	1.209	0.045
Maximum	2.750	1.960	0.117
Minimum	0.980	0.760	0.012
Pipe Size		8.000	
Estimated Capacity (mgd)		Not Calculated	
Capacity Used		Not Calculated	
Sensor Type		Hach - Flodar	

Utility Systems, Science and Software

9314 Bond Av, Suite A
El Cajon, CA 92021

601 N. Parkcenter Drive Suite 209
Santa Ana, CA 92705





Meter Site Document

2019.11 Mid Western MH

MH at ~18203 S. Western Av

Gardena, CA 90248

Site



Manhole Before Install



Installation Process



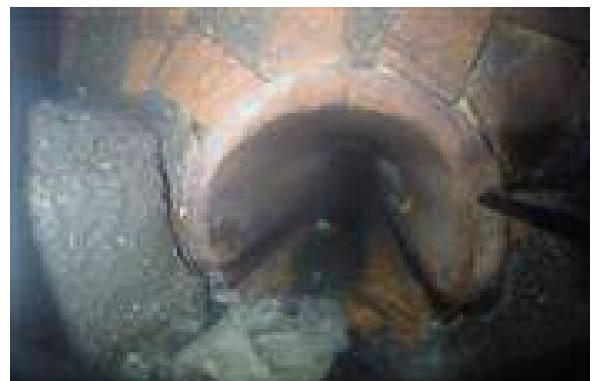
Installed



Downstream Pipe Size



Downstream





Statistics for 2019.11 Mid Western MH: 11/21/2019 thru 12/09/2019

Date	Flow (GPM)			Flow (MGD)			Velocity (FPS)			Level (inches)			Total Gal	Rain
	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		
11/21/19	36.52	45.60	24.41	0.05	0.07	0.04	2.16	2.33	1.89	1.31	1.47	1.09	52,583	
11/22/19	31.33	50.51	9.26	0.05	0.07	0.01	1.97	2.46	1.05	1.21	1.53	0.84	45,121	
11/23/19	30.01	45.31	9.66	0.04	0.07	0.01	1.96	2.35	1.07	1.20	1.47	0.86	43,210	
11/24/19	28.12	40.98	10.92	0.04	0.06	0.02	1.92	2.28	1.18	1.17	1.39	0.86	40,498	
Week:	31.49	50.51	9.26	0.05	0.07	0.01	2.00	2.46	1.05	1.22	1.53	0.84	181,411	
11/25/19	29.30	45.16	9.47	0.04	0.07	0.01	1.92	2.42	1.02	1.18	1.41	0.83	42,195	
11/26/19	31.93	49.27	10.06	0.05	0.07	0.01	2.01	2.46	1.11	1.22	1.48	0.86	45,986	
11/27/19	32.39	57.54	9.26	0.05	0.08	0.01	1.98	2.53	1.07	1.23	1.62	0.83	46,639	
11/28/19	35.24	65.39	11.00	0.05	0.09	0.02	2.11	2.66	1.22	1.27	1.75	0.86	50,749	
11/29/19	29.64	50.51	8.19	0.04	0.07	0.01	1.93	2.44	1.08	1.18	1.53	0.76	42,689	
11/30/19	30.63	49.27	10.16	0.04	0.07	0.01	1.96	2.49	1.15	1.20	1.47	0.84	44,111	
12/1/19	27.86	43.49	8.79	0.04	0.06	0.01	1.86	2.31	0.99	1.17	1.43	0.84	40,118	
Week:	31.00	65.39	8.19	0.04	0.09	0.01	1.97	2.66	0.99	1.21	1.75	0.76	312,487	
12/2/19	28.62	50.92	8.32	0.04	0.07	0.01	1.87	2.44	0.98	1.18	1.53	0.80	41,206	
12/3/19	29.62	43.26	8.55	0.04	0.06	0.01	1.93	2.35	1.02	1.19	1.40	0.82	42,653	
12/4/19	38.90	81.52	11.26	0.06	0.12	0.02	2.17	2.75	1.31	1.33	1.96	0.83	56,011	
12/5/19	29.37	42.88	8.55	0.04	0.06	0.01	1.93	2.30	1.07	1.18	1.43	0.79	42,300	

	Flow (GPM)			Flow (MGD)			Velocity (FPS)			Level (inches)				
Date	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Total Gal	Rain
12/6/19	28.90	42.87	9.56	0.04	0.06	0.01	1.93	2.33	1.09	1.18	1.40	0.83	41,620	
12/7/19	31.00	51.94	9.92	0.04	0.07	0.01	1.97	2.54	1.12	1.20	1.53	0.84	44,644	
12/8/19	31.72	61.48	9.38	0.05	0.09	0.01	1.97	2.67	1.09	1.22	1.64	0.83	45,676	
Week:	31.16	81.52	8.32	0.04	0.12	0.01	1.97	2.75	0.98	1.21	1.96	0.79	314,109	
12/9/19	23.39	37.10	16.10	0.03	0.05	0.02	1.75	2.15	1.20	1.11	1.34	0.98	33,684	
Week:	23.39	37.10	16.10	0.03	0.05	0.02	1.75	2.15	1.20	1.11	1.34	0.98	33,684	
Totals:	30.76	81.52	8.19	0.04	0.12	0.01	1.96	2.75	0.98	1.21	1.96	0.76	841,691	



Data for 2019.11 Mid Western MH:
11/21/2019 thru 12/09/2019

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/21 10:30	1.25	33.93	2.18
2019/11/21 10:45	1.28	33.38	2.07
2019/11/21 11:00	1.36	41.07	2.33
2019/11/21 11:15	1.47	45.60	2.31
2019/11/21 11:30	1.36	40.72	2.31
2019/11/21 11:45	1.36	40.72	2.31
2019/11/21 12:00	1.44	44.36	2.31
2019/11/21 12:15	1.44	44.22	2.30
2019/11/21 12:30	1.43	43.49	2.29
2019/11/21 12:45	1.41	42.00	2.25
2019/11/21 13:00	1.43	43.49	2.29
2019/11/21 13:15	1.41	42.00	2.25
2019/11/21 13:30	1.37	40.23	2.25
2019/11/21 13:45	1.37	41.07	2.29
2019/11/21 14:00	1.37	41.07	2.29
2019/11/21 14:15	1.36	39.53	2.24
2019/11/21 14:30	1.36	40.23	2.28
2019/11/21 14:45	1.33	39.05	2.28
2019/11/21 15:00	1.30	36.92	2.22
2019/11/21 15:15	1.19	30.62	2.10
2019/11/21 15:30	1.23	32.02	2.09
2019/11/21 15:45	1.23	32.02	2.09
2019/11/21 16:00	1.23	32.02	2.09
2019/11/21 16:15	1.23	32.02	2.09
2019/11/21 16:30	1.25	32.55	2.09
2019/11/21 16:45	1.41	39.15	2.10
2019/11/21 17:00	1.44	41.84	2.18
2019/11/21 17:15	1.25	30.52	1.96
2019/11/21 17:30	1.39	39.54	2.18
2019/11/21 17:45	1.39	39.54	2.18
2019/11/21 18:00	1.32	35.89	2.13
2019/11/21 18:15	1.32	35.30	2.09
2019/11/21 18:30	1.32	35.89	2.13
2019/11/21 18:45	1.26	33.17	2.09
2019/11/21 19:00	1.16	28.22	2.00
2019/11/21 19:15	1.09	24.41	1.89
2019/11/21 19:30	1.09	24.41	1.89
2019/11/21 19:45	1.09	24.41	1.89
2019/11/21 20:00	1.12	25.31	1.89

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/21 20:15	1.39	38.49	2.12
2019/11/21 20:30	1.39	41.59	2.29
2019/11/21 20:45	1.43	43.40	2.29
2019/11/21 21:00	1.43	42.36	2.24
2019/11/21 21:15	1.43	43.40	2.29
2019/11/21 21:30	1.34	38.85	2.24
2019/11/21 21:45	1.26	32.51	2.05
2019/11/21 22:00	1.26	32.51	2.05
2019/11/21 22:15	1.34	39.77	2.29
2019/11/21 22:30	1.26	33.97	2.14
2019/11/21 22:45	1.23	32.96	2.15
2019/11/21 23:00	1.34	37.33	2.15
2019/11/21 23:15	1.23	32.96	2.15
2019/11/21 23:30	1.19	31.29	2.14
2019/11/21 23:45	1.15	28.55	2.06
2019/11/22 00:00	1.12	26.37	1.97
2019/11/22 00:15	1.07	23.21	1.87
2019/11/22 00:30	0.93	13.85	1.37
2019/11/22 00:45	0.93	13.75	1.36
2019/11/22 01:00	0.93	13.75	1.36
2019/11/22 01:15	0.93	13.85	1.37
2019/11/22 01:30	0.89	10.59	1.12
2019/11/22 01:45	0.90	12.03	1.24
2019/11/22 02:00	0.90	12.19	1.26
2019/11/22 02:15	0.89	11.76	1.24
2019/11/22 02:30	0.89	11.56	1.22
2019/11/22 02:45	0.89	11.76	1.24
2019/11/22 03:00	0.89	11.56	1.22
2019/11/22 03:15	0.87	10.61	1.15
2019/11/22 03:30	0.84	9.26	1.05
2019/11/22 03:45	0.86	10.37	1.15
2019/11/22 04:00	0.86	10.37	1.15
2019/11/22 04:15	0.86	9.76	1.08
2019/11/22 04:30	0.86	10.33	1.14
2019/11/22 04:45	0.86	10.33	1.14
2019/11/22 05:00	0.87	10.52	1.14
2019/11/22 05:15	0.86	9.76	1.08
2019/11/22 05:30	0.86	10.27	1.14
2019/11/22 05:45	0.87	10.52	1.14
2019/11/22 06:00	0.89	11.30	1.19
2019/11/22 06:15	0.89	11.30	1.19
2019/11/22 06:30	0.91	13.80	1.39
2019/11/22 06:45	0.96	15.88	1.50
2019/11/22 07:00	1.04	19.78	1.65
2019/11/22 07:15	1.08	22.95	1.81

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/22 07:30	1.19	31.74	2.17
2019/11/22 07:45	1.22	32.81	2.17
2019/11/22 08:00	1.23	32.40	2.11
2019/11/22 08:15	1.25	33.31	2.14
2019/11/22 08:30	1.23	32.40	2.11
2019/11/22 08:45	1.23	32.40	2.11
2019/11/22 09:00	1.23	32.61	2.13
2019/11/22 09:15	1.23	32.61	2.13
2019/11/22 09:30	1.23	32.61	2.13
2019/11/22 09:45	1.26	34.81	2.20
2019/11/22 10:00	1.29	35.70	2.18
2019/11/22 10:15	1.32	37.20	2.21
2019/11/22 10:30	1.32	37.20	2.21
2019/11/22 10:45	1.29	35.85	2.19
2019/11/22 11:00	1.23	33.50	2.18
2019/11/22 11:15	1.23	31.11	2.03
2019/11/22 11:30	1.23	31.11	2.03
2019/11/22 11:45	1.23	33.64	2.19
2019/11/22 12:00	1.37	43.64	2.44
2019/11/22 12:15	1.37	43.64	2.44
2019/11/22 12:30	1.37	43.64	2.44
2019/11/22 12:45	1.37	43.64	2.44
2019/11/22 13:00	1.40	44.50	2.42
2019/11/22 13:15	1.32	37.20	2.21
2019/11/22 13:30	1.32	37.20	2.21
2019/11/22 13:45	1.33	37.77	2.21
2019/11/22 14:00	1.32	37.08	2.20
2019/11/22 14:15	1.32	37.08	2.20
2019/11/22 14:30	1.33	37.64	2.20
2019/11/22 14:45	1.40	42.36	2.30
2019/11/22 15:00	1.40	42.36	2.30
2019/11/22 15:15	1.40	42.36	2.30
2019/11/22 15:30	1.37	39.82	2.22
2019/11/22 15:45	1.36	39.24	2.22
2019/11/22 16:00	1.30	36.94	2.22
2019/11/22 16:15	1.30	37.25	2.24
2019/11/22 16:30	1.32	38.03	2.26
2019/11/22 16:45	1.36	39.94	2.26
2019/11/22 17:00	1.32	38.03	2.26
2019/11/22 17:15	1.44	43.51	2.26
2019/11/22 17:30	1.46	46.05	2.36
2019/11/22 17:45	1.53	49.74	2.39
2019/11/22 18:00	1.46	46.05	2.36
2019/11/22 18:15	1.46	46.05	2.36
2019/11/22 18:30	1.46	46.05	2.36

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/22 18:45	1.44	44.83	2.33
2019/11/22 19:00	1.43	44.18	2.33
2019/11/22 19:15	1.36	41.15	2.33
2019/11/22 19:30	1.36	41.61	2.36
2019/11/22 19:45	1.36	41.61	2.36
2019/11/22 20:00	1.43	45.25	2.39
2019/11/22 20:15	1.47	47.71	2.42
2019/11/22 20:30	1.47	48.31	2.45
2019/11/22 20:45	1.51	50.51	2.46
2019/11/22 21:00	1.51	50.51	2.46
2019/11/22 21:15	1.51	50.51	2.46
2019/11/22 21:30	1.30	38.99	2.35
2019/11/22 21:45	1.25	34.95	2.24
2019/11/22 22:00	1.25	34.69	2.22
2019/11/22 22:15	1.25	34.42	2.21
2019/11/22 22:30	1.26	34.98	2.21
2019/11/22 22:45	1.28	35.81	2.22
2019/11/22 23:00	1.44	44.66	2.32
2019/11/22 23:15	1.44	44.66	2.32
2019/11/22 23:30	1.44	44.66	2.32
2019/11/22 23:45	1.37	40.96	2.29
2019/11/23 00:00	1.37	40.96	2.29
2019/11/23 00:15	1.34	39.51	2.27
2019/11/23 00:30	1.16	29.12	2.06
2019/11/23 00:45	1.11	26.12	1.99
2019/11/23 01:00	1.03	19.27	1.64
2019/11/23 01:15	1.01	18.21	1.58
2019/11/23 01:30	1.00	16.33	1.45
2019/11/23 01:45	1.01	18.21	1.58
2019/11/23 02:00	1.03	19.27	1.64
2019/11/23 02:15	1.04	19.91	1.66
2019/11/23 02:30	1.04	19.91	1.66
2019/11/23 02:45	1.04	19.91	1.66
2019/11/23 03:00	1.04	19.91	1.66
2019/11/23 03:15	1.03	19.27	1.64
2019/11/23 03:30	0.97	16.13	1.49
2019/11/23 03:45	0.94	15.15	1.46
2019/11/23 04:00	0.94	15.15	1.46
2019/11/23 04:15	0.91	12.97	1.31
2019/11/23 04:30	0.87	12.04	1.30
2019/11/23 04:45	0.91	12.97	1.31
2019/11/23 05:00	0.86	11.76	1.30
2019/11/23 05:15	0.86	11.17	1.23
2019/11/23 05:30	0.86	11.17	1.23
2019/11/23 05:45	0.86	11.17	1.23

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/23 06:00	0.86	10.75	1.19
2019/11/23 06:15	0.86	9.66	1.07
2019/11/23 06:30	0.86	10.75	1.19
2019/11/23 06:45	0.86	11.27	1.25
2019/11/23 07:00	0.94	16.01	1.55
2019/11/23 07:15	1.04	21.15	1.77
2019/11/23 07:30	1.19	28.24	1.93
2019/11/23 07:45	1.19	29.84	2.04
2019/11/23 08:00	1.19	30.22	2.07
2019/11/23 08:15	1.19	29.84	2.04
2019/11/23 08:30	1.19	30.07	2.06
2019/11/23 08:45	1.19	30.07	2.06
2019/11/23 09:00	1.18	29.03	2.02
2019/11/23 09:15	1.19	29.53	2.02
2019/11/23 09:30	1.21	30.58	2.06
2019/11/23 09:45	1.44	43.78	2.28
2019/11/23 10:00	1.47	44.99	2.28
2019/11/23 10:15	1.47	44.99	2.28
2019/11/23 10:30	1.47	43.73	2.21
2019/11/23 10:45	1.29	35.15	2.15
2019/11/23 11:00	1.29	35.15	2.15
2019/11/23 11:15	1.29	35.15	2.15
2019/11/23 11:30	1.29	35.15	2.15
2019/11/23 11:45	1.22	32.45	2.15
2019/11/23 12:00	1.43	43.98	2.32
2019/11/23 12:15	1.43	44.18	2.33
2019/11/23 12:30	1.22	31.29	2.07
2019/11/23 12:45	1.32	37.02	2.20
2019/11/23 13:00	1.32	37.02	2.20
2019/11/23 13:15	1.23	31.81	2.07
2019/11/23 13:30	1.23	31.81	2.07
2019/11/23 13:45	1.25	33.00	2.12
2019/11/23 14:00	1.23	32.07	2.09
2019/11/23 14:15	1.25	33.00	2.12
2019/11/23 14:30	1.28	35.71	2.22
2019/11/23 14:45	1.25	33.38	2.14
2019/11/23 15:00	1.22	32.31	2.14
2019/11/23 15:15	1.22	32.31	2.14
2019/11/23 15:30	1.18	28.40	1.98
2019/11/23 15:45	1.18	28.40	1.98
2019/11/23 16:00	1.18	28.40	1.98
2019/11/23 16:15	1.18	28.81	2.01
2019/11/23 16:30	1.18	28.81	2.01
2019/11/23 16:45	1.25	31.31	2.01
2019/11/23 17:00	1.25	31.31	2.01

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/23 17:15	1.25	31.31	2.01
2019/11/23 17:30	1.28	34.63	2.15
2019/11/23 17:45	1.44	44.48	2.31
2019/11/23 18:00	1.44	44.48	2.31
2019/11/23 18:15	1.33	38.48	2.25
2019/11/23 18:30	1.28	34.63	2.15
2019/11/23 18:45	1.22	32.77	2.17
2019/11/23 19:00	1.22	31.62	2.10
2019/11/23 19:15	1.22	31.62	2.10
2019/11/23 19:30	1.22	31.62	2.10
2019/11/23 19:45	1.23	33.31	2.17
2019/11/23 20:00	1.25	33.76	2.17
2019/11/23 20:15	1.32	36.71	2.18
2019/11/23 20:30	1.34	40.75	2.35
2019/11/23 20:45	1.46	45.31	2.33
2019/11/23 21:00	1.46	45.31	2.33
2019/11/23 21:15	1.46	45.31	2.33
2019/11/23 21:30	1.46	45.31	2.33
2019/11/23 21:45	1.43	42.68	2.25
2019/11/23 22:00	1.32	37.02	2.20
2019/11/23 22:15	1.41	42.08	2.25
2019/11/23 22:30	1.41	41.03	2.20
2019/11/23 22:45	1.32	37.02	2.20
2019/11/23 23:00	1.41	42.31	2.26
2019/11/23 23:15	1.41	42.31	2.26
2019/11/23 23:30	1.32	36.90	2.19
2019/11/23 23:45	1.19	30.44	2.09
2019/11/24 00:00	1.12	26.62	1.99
2019/11/24 00:15	1.12	26.15	1.95
2019/11/24 00:30	1.07	21.56	1.73
2019/11/24 00:45	1.04	18.43	1.54
2019/11/24 01:00	1.04	18.43	1.54
2019/11/24 01:15	1.04	18.43	1.54
2019/11/24 01:30	1.04	19.01	1.59
2019/11/24 01:45	1.04	19.01	1.59
2019/11/24 02:00	0.98	17.55	1.59
2019/11/24 02:15	0.97	16.13	1.49
2019/11/24 02:30	0.89	11.61	1.23
2019/11/24 02:45	0.89	11.20	1.18
2019/11/24 03:00	0.89	11.20	1.18
2019/11/24 03:15	0.87	11.18	1.21
2019/11/24 03:30	0.86	10.92	1.21
2019/11/24 03:45	0.86	11.10	1.23
2019/11/24 04:00	0.86	11.10	1.23
2019/11/24 04:15	0.86	11.10	1.23

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/24 04:30	0.87	11.43	1.23
2019/11/24 04:45	0.89	12.89	1.36
2019/11/24 05:00	0.89	12.89	1.36
2019/11/24 05:15	0.89	12.89	1.36
2019/11/24 05:30	0.97	15.16	1.40
2019/11/24 05:45	0.97	15.16	1.40
2019/11/24 06:00	0.89	12.96	1.37
2019/11/24 06:15	0.97	15.74	1.46
2019/11/24 06:30	0.97	15.74	1.46
2019/11/24 06:45	0.98	19.22	1.74
2019/11/24 07:00	0.98	19.92	1.81
2019/11/24 07:15	1.07	22.43	1.81
2019/11/24 07:30	1.09	24.45	1.90
2019/11/24 07:45	1.12	25.35	1.90
2019/11/24 08:00	1.12	25.35	1.90
2019/11/24 08:15	1.29	34.58	2.11
2019/11/24 08:30	1.29	34.58	2.11
2019/11/24 08:45	1.23	31.86	2.08
2019/11/24 09:00	1.23	31.86	2.08
2019/11/24 09:15	1.23	31.86	2.08
2019/11/24 09:30	1.23	31.86	2.08
2019/11/24 09:45	1.25	32.38	2.08
2019/11/24 10:00	1.26	34.35	2.17
2019/11/24 10:15	1.39	40.98	2.26
2019/11/24 10:30	1.32	36.56	2.17
2019/11/24 10:45	1.26	34.18	2.16
2019/11/24 11:00	1.32	36.56	2.17
2019/11/24 11:15	1.32	36.38	2.16
2019/11/24 11:30	1.32	36.38	2.16
2019/11/24 11:45	1.29	35.58	2.18
2019/11/24 12:00	1.29	36.10	2.21
2019/11/24 12:15	1.28	35.54	2.21
2019/11/24 12:30	1.28	35.54	2.21
2019/11/24 12:45	1.28	35.54	2.21
2019/11/24 13:00	1.30	36.87	2.22
2019/11/24 13:15	1.30	36.87	2.22
2019/11/24 13:30	1.30	36.28	2.19
2019/11/24 13:45	1.30	36.28	2.19
2019/11/24 14:00	1.30	36.28	2.19
2019/11/24 14:15	1.30	35.47	2.14
2019/11/24 14:30	1.30	35.47	2.14
2019/11/24 14:45	1.21	29.62	2.00
2019/11/24 15:00	1.21	29.62	2.00
2019/11/24 15:15	1.21	29.62	2.00
2019/11/24 15:30	1.19	28.89	1.98

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/24 15:45	1.16	27.91	1.98
2019/11/24 16:00	1.26	32.66	2.06
2019/11/24 16:15	1.26	32.66	2.06
2019/11/24 16:30	1.26	32.37	2.04
2019/11/24 16:45	1.26	32.37	2.04
2019/11/24 17:00	1.29	36.95	2.26
2019/11/24 17:15	1.28	34.02	2.11
2019/11/24 17:30	1.26	32.73	2.07
2019/11/24 17:45	1.28	33.26	2.07
2019/11/24 18:00	1.28	34.02	2.11
2019/11/24 18:15	1.28	33.77	2.10
2019/11/24 18:30	1.25	32.21	2.07
2019/11/24 18:45	1.28	33.77	2.10
2019/11/24 19:00	1.25	32.71	2.10
2019/11/24 19:15	1.19	29.64	2.03
2019/11/24 19:30	1.19	29.64	2.03
2019/11/24 19:45	1.25	33.00	2.12
2019/11/24 20:00	1.25	32.57	2.09
2019/11/24 20:15	1.25	32.57	2.09
2019/11/24 20:30	1.25	32.57	2.09
2019/11/24 20:45	1.21	30.76	2.07
2019/11/24 21:00	1.16	27.91	1.98
2019/11/24 21:15	1.16	27.91	1.98
2019/11/24 21:30	1.21	30.76	2.07
2019/11/24 21:45	1.28	34.14	2.12
2019/11/24 22:00	1.29	36.62	2.24
2019/11/24 22:15	1.34	39.61	2.28
2019/11/24 22:30	1.34	39.61	2.28
2019/11/24 22:45	1.34	39.61	2.28
2019/11/24 23:00	1.34	39.61	2.28
2019/11/24 23:15	1.34	39.61	2.28
2019/11/24 23:30	1.32	38.31	2.27
2019/11/24 23:45	1.30	37.73	2.27
2019/11/25 00:00	1.07	21.18	1.70
2019/11/25 00:15	1.07	21.18	1.70
2019/11/25 00:30	1.07	21.18	1.70
2019/11/25 00:45	1.07	21.18	1.70
2019/11/25 01:00	1.07	21.08	1.70
2019/11/25 01:15	1.00	17.81	1.58
2019/11/25 01:30	0.89	12.09	1.28
2019/11/25 01:45	0.89	11.57	1.22
2019/11/25 02:00	0.89	10.95	1.16
2019/11/25 02:15	0.83	9.96	1.16
2019/11/25 02:30	0.83	9.96	1.16
2019/11/25 02:45	0.83	9.58	1.11

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/25 03:00	0.86	10.05	1.11
2019/11/25 03:15	0.86	10.63	1.17
2019/11/25 03:30	0.87	9.47	1.02
2019/11/25 03:45	0.87	9.47	1.02
2019/11/25 04:00	0.87	9.47	1.02
2019/11/25 04:15	0.87	9.47	1.02
2019/11/25 04:30	0.87	9.47	1.02
2019/11/25 04:45	0.87	9.64	1.04
2019/11/25 05:00	0.87	10.25	1.11
2019/11/25 05:15	0.89	11.66	1.23
2019/11/25 05:30	0.89	12.63	1.33
2019/11/25 05:45	0.91	13.80	1.39
2019/11/25 06:00	0.91	13.80	1.39
2019/11/25 06:15	0.93	14.60	1.44
2019/11/25 06:30	0.93	14.60	1.44
2019/11/25 06:45	0.93	14.60	1.44
2019/11/25 07:00	1.05	19.16	1.57
2019/11/25 07:15	1.07	20.27	1.63
2019/11/25 07:30	1.11	24.64	1.88
2019/11/25 07:45	1.18	29.10	2.03
2019/11/25 08:00	1.18	29.10	2.03
2019/11/25 08:15	1.18	29.10	2.03
2019/11/25 08:30	1.21	30.33	2.04
2019/11/25 08:45	1.21	30.10	2.03
2019/11/25 09:00	1.21	29.71	2.00
2019/11/25 09:15	1.21	30.33	2.04
2019/11/25 09:30	1.23	33.03	2.15
2019/11/25 09:45	1.28	35.54	2.21
2019/11/25 10:00	1.32	37.23	2.21
2019/11/25 10:15	1.32	37.23	2.21
2019/11/25 10:30	1.28	33.82	2.10
2019/11/25 10:45	1.28	33.82	2.10
2019/11/25 11:00	1.30	34.89	2.10
2019/11/25 11:15	1.30	38.69	2.33
2019/11/25 11:30	1.33	39.89	2.33
2019/11/25 11:45	1.33	39.89	2.33
2019/11/25 12:00	1.40	43.04	2.34
2019/11/25 12:15	1.37	41.81	2.34
2019/11/25 12:30	1.33	37.95	2.22
2019/11/25 12:45	1.37	41.92	2.34
2019/11/25 13:00	1.37	41.92	2.34
2019/11/25 13:15	1.37	41.92	2.34
2019/11/25 13:30	1.39	41.70	2.30
2019/11/25 13:45	1.39	43.11	2.37
2019/11/25 14:00	1.39	41.70	2.30

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/25 14:15	1.41	45.16	2.42
2019/11/25 14:30	1.39	40.62	2.24
2019/11/25 14:45	1.36	42.63	2.42
2019/11/25 15:00	1.25	33.93	2.18
2019/11/25 15:15	1.32	37.67	2.23
2019/11/25 15:30	1.32	37.38	2.22
2019/11/25 15:45	1.32	37.38	2.22
2019/11/25 16:00	1.30	35.95	2.17
2019/11/25 16:15	1.30	35.95	2.17
2019/11/25 16:30	1.29	35.28	2.16
2019/11/25 16:45	1.29	35.28	2.16
2019/11/25 17:00	1.29	35.28	2.16
2019/11/25 17:15	1.32	36.30	2.15
2019/11/25 17:30	1.32	37.85	2.24
2019/11/25 17:45	1.32	37.85	2.24
2019/11/25 18:00	1.32	36.20	2.15
2019/11/25 18:15	1.23	31.27	2.04
2019/11/25 18:30	1.19	29.51	2.02
2019/11/25 18:45	1.19	29.51	2.02
2019/11/25 19:00	1.23	31.27	2.04
2019/11/25 19:15	1.23	31.69	2.07
2019/11/25 19:30	1.23	31.69	2.07
2019/11/25 19:45	1.32	38.82	2.30
2019/11/25 20:00	1.32	38.82	2.30
2019/11/25 20:15	1.34	40.01	2.30
2019/11/25 20:30	1.32	38.46	2.28
2019/11/25 20:45	1.32	38.46	2.28
2019/11/25 21:00	1.25	32.71	2.10
2019/11/25 21:15	1.25	32.71	2.10
2019/11/25 21:30	1.25	32.71	2.10
2019/11/25 21:45	1.29	36.00	2.20
2019/11/25 22:00	1.30	37.40	2.25
2019/11/25 22:15	1.40	44.47	2.41
2019/11/25 22:30	1.40	44.47	2.41
2019/11/25 22:45	1.40	44.47	2.41
2019/11/25 23:00	1.34	41.15	2.37
2019/11/25 23:15	1.30	38.64	2.33
2019/11/25 23:30	1.25	33.26	2.13
2019/11/25 23:45	1.23	32.47	2.12
2019/11/26 00:00	1.22	31.29	2.07
2019/11/26 00:15	1.15	27.92	2.01
2019/11/26 00:30	1.07	21.12	1.70
2019/11/26 00:45	1.03	19.90	1.70
2019/11/26 01:00	1.03	18.73	1.60
2019/11/26 01:15	0.97	17.27	1.60

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/26 01:30	0.94	14.72	1.42
2019/11/26 01:45	0.91	13.76	1.39
2019/11/26 02:00	0.91	13.47	1.36
2019/11/26 02:15	0.89	11.88	1.25
2019/11/26 02:30	0.87	11.48	1.24
2019/11/26 02:45	0.86	10.74	1.19
2019/11/26 03:00	0.86	10.44	1.15
2019/11/26 03:15	0.86	10.42	1.15
2019/11/26 03:30	0.86	10.42	1.15
2019/11/26 03:45	0.86	10.06	1.11
2019/11/26 04:00	0.86	10.42	1.15
2019/11/26 04:15	0.86	11.06	1.22
2019/11/26 04:30	0.98	15.88	1.44
2019/11/26 04:45	0.98	16.00	1.45
2019/11/26 05:00	1.01	17.07	1.48
2019/11/26 05:15	1.01	17.87	1.55
2019/11/26 05:30	1.05	18.96	1.55
2019/11/26 05:45	1.05	19.25	1.58
2019/11/26 06:00	1.05	19.25	1.58
2019/11/26 06:15	0.98	17.16	1.55
2019/11/26 06:30	0.98	17.09	1.55
2019/11/26 06:45	0.98	17.09	1.55
2019/11/26 07:00	1.03	18.16	1.55
2019/11/26 07:15	1.08	21.62	1.71
2019/11/26 07:30	1.11	26.12	1.99
2019/11/26 07:45	1.28	34.19	2.12
2019/11/26 08:00	1.33	36.36	2.12
2019/11/26 08:15	1.33	36.60	2.14
2019/11/26 08:30	1.34	39.72	2.29
2019/11/26 08:45	1.34	39.72	2.29
2019/11/26 09:00	1.41	44.85	2.40
2019/11/26 09:15	1.41	44.85	2.40
2019/11/26 09:30	1.41	44.85	2.40
2019/11/26 09:45	1.40	43.77	2.38
2019/11/26 10:00	1.40	43.77	2.38
2019/11/26 10:15	1.33	38.76	2.26
2019/11/26 10:30	1.33	38.76	2.26
2019/11/26 10:45	1.48	49.27	2.46
2019/11/26 11:00	1.48	49.27	2.46
2019/11/26 11:15	1.33	38.76	2.26
2019/11/26 11:30	1.43	44.91	2.37
2019/11/26 11:45	1.43	44.91	2.37
2019/11/26 12:00	1.33	38.24	2.23
2019/11/26 12:15	1.33	38.24	2.23
2019/11/26 12:30	1.43	44.91	2.37

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/26 12:45	1.36	40.74	2.31
2019/11/26 13:00	1.36	39.59	2.24
2019/11/26 13:15	1.36	40.15	2.28
2019/11/26 13:30	1.36	40.15	2.28
2019/11/26 13:45	1.36	40.15	2.28
2019/11/26 14:00	1.33	38.42	2.24
2019/11/26 14:15	1.28	35.10	2.18
2019/11/26 14:30	1.26	33.58	2.12
2019/11/26 14:45	1.25	32.71	2.10
2019/11/26 15:00	1.25	32.71	2.10
2019/11/26 15:15	1.25	32.71	2.10
2019/11/26 15:30	1.30	35.95	2.17
2019/11/26 15:45	1.30	35.95	2.17
2019/11/26 16:00	1.30	36.66	2.21
2019/11/26 16:15	1.29	36.10	2.21
2019/11/26 16:30	1.28	35.24	2.19
2019/11/26 16:45	1.28	34.90	2.17
2019/11/26 17:00	1.28	35.24	2.19
2019/11/26 17:15	1.26	34.35	2.17
2019/11/26 17:30	1.22	31.80	2.11
2019/11/26 17:45	1.26	34.35	2.17
2019/11/26 18:00	1.39	42.06	2.32
2019/11/26 18:15	1.37	41.46	2.32
2019/11/26 18:30	1.37	42.06	2.35
2019/11/26 18:45	1.37	42.06	2.35
2019/11/26 19:00	1.28	37.82	2.35
2019/11/26 19:15	1.26	34.04	2.15
2019/11/26 19:30	1.26	34.04	2.15
2019/11/26 19:45	1.26	34.04	2.15
2019/11/26 20:00	1.41	44.79	2.40
2019/11/26 20:15	1.43	46.06	2.43
2019/11/26 20:30	1.43	46.06	2.43
2019/11/26 20:45	1.41	44.79	2.40
2019/11/26 21:00	1.37	42.60	2.38
2019/11/26 21:15	1.33	39.13	2.29
2019/11/26 21:30	1.30	37.65	2.27
2019/11/26 21:45	1.30	37.65	2.27
2019/11/26 22:00	1.30	37.65	2.27
2019/11/26 22:15	1.33	39.31	2.30
2019/11/26 22:30	1.44	47.27	2.46
2019/11/26 22:45	1.44	47.27	2.46
2019/11/26 23:00	1.33	39.31	2.30
2019/11/26 23:15	1.29	36.95	2.26
2019/11/26 23:30	1.23	32.14	2.10
2019/11/26 23:45	1.22	31.62	2.10

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/27 00:00	1.22	31.62	2.10
2019/11/27 00:15	1.19	29.51	2.02
2019/11/27 00:30	1.15	27.26	1.97
2019/11/27 00:45	1.08	21.75	1.72
2019/11/27 01:00	1.05	20.42	1.68
2019/11/27 01:15	0.98	17.65	1.60
2019/11/27 01:30	0.97	16.76	1.55
2019/11/27 01:45	0.93	14.23	1.40
2019/11/27 02:00	0.89	11.57	1.22
2019/11/27 02:15	0.87	11.31	1.22
2019/11/27 02:30	0.86	11.27	1.25
2019/11/27 02:45	0.86	11.04	1.22
2019/11/27 03:00	0.86	11.04	1.22
2019/11/27 03:15	0.86	10.66	1.18
2019/11/27 03:30	0.84	10.39	1.18
2019/11/27 03:45	0.83	9.26	1.07
2019/11/27 04:00	0.83	10.14	1.18
2019/11/27 04:15	0.84	10.39	1.18
2019/11/27 04:30	0.86	10.64	1.18
2019/11/27 04:45	0.86	10.06	1.11
2019/11/27 05:00	0.86	10.06	1.11
2019/11/27 05:15	0.86	10.06	1.11
2019/11/27 05:30	0.86	10.51	1.16
2019/11/27 05:45	0.86	10.51	1.16
2019/11/27 06:00	0.86	10.51	1.16
2019/11/27 06:15	0.86	12.04	1.33
2019/11/27 06:30	0.86	11.49	1.27
2019/11/27 06:45	0.87	12.32	1.33
2019/11/27 07:00	0.90	15.46	1.59
2019/11/27 07:15	1.09	23.28	1.81
2019/11/27 07:30	1.09	24.03	1.86
2019/11/27 07:45	1.15	28.45	2.05
2019/11/27 08:00	1.16	28.04	1.99
2019/11/27 08:15	1.16	27.85	1.97
2019/11/27 08:30	1.16	27.85	1.97
2019/11/27 08:45	1.19	29.02	1.99
2019/11/27 09:00	1.19	29.02	1.99
2019/11/27 09:15	1.34	40.60	2.34
2019/11/27 09:30	1.62	57.54	2.53
2019/11/27 09:45	1.62	57.54	2.53
2019/11/27 10:00	1.62	57.54	2.53
2019/11/27 10:15	1.61	56.84	2.53
2019/11/27 10:30	1.59	56.03	2.52
2019/11/27 10:45	1.59	55.80	2.51
2019/11/27 11:00	1.58	54.77	2.50

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/27 11:15	1.55	53.40	2.50
2019/11/27 11:30	1.55	53.40	2.50
2019/11/27 11:45	1.51	51.35	2.50
2019/11/27 12:00	1.50	50.09	2.47
2019/11/27 12:15	1.44	44.27	2.30
2019/11/27 12:30	1.43	43.46	2.29
2019/11/27 12:45	1.43	43.46	2.29
2019/11/27 13:00	1.44	44.19	2.30
2019/11/27 13:15	1.43	43.46	2.29
2019/11/27 13:30	1.32	36.20	2.15
2019/11/27 13:45	1.32	36.20	2.15
2019/11/27 14:00	1.32	36.20	2.15
2019/11/27 14:15	1.25	33.47	2.15
2019/11/27 14:30	1.25	33.76	2.17
2019/11/27 14:45	1.32	36.90	2.19
2019/11/27 15:00	1.32	36.90	2.19
2019/11/27 15:15	1.33	37.64	2.20
2019/11/27 15:30	1.34	39.24	2.26
2019/11/27 15:45	1.34	39.24	2.26
2019/11/27 16:00	1.37	39.35	2.20
2019/11/27 16:15	1.46	46.43	2.38
2019/11/27 16:30	1.46	46.43	2.38
2019/11/27 16:45	1.46	45.90	2.36
2019/11/27 17:00	1.41	43.79	2.34
2019/11/27 17:15	1.41	43.79	2.34
2019/11/27 17:30	1.33	39.37	2.30
2019/11/27 17:45	1.33	39.08	2.28
2019/11/27 18:00	1.32	37.08	2.20
2019/11/27 18:15	1.32	34.24	2.03
2019/11/27 18:30	1.32	34.24	2.03
2019/11/27 18:45	1.34	35.29	2.03
2019/11/27 19:00	1.40	42.16	2.29
2019/11/27 19:15	1.40	42.16	2.29
2019/11/27 19:30	1.40	42.16	2.29
2019/11/27 19:45	1.32	38.36	2.28
2019/11/27 20:00	1.30	36.13	2.18
2019/11/27 20:15	1.30	36.13	2.18
2019/11/27 20:30	1.30	35.80	2.16
2019/11/27 20:45	1.32	38.36	2.28
2019/11/27 21:00	1.30	36.56	2.20
2019/11/27 21:15	1.32	37.13	2.20
2019/11/27 21:30	1.32	36.53	2.17
2019/11/27 21:45	1.32	37.13	2.20
2019/11/27 22:00	1.32	37.13	2.20
2019/11/27 22:15	1.32	36.53	2.17

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/27 22:30	1.32	37.54	2.23
2019/11/27 22:45	1.34	38.69	2.23
2019/11/27 23:00	1.34	38.10	2.19
2019/11/27 23:15	1.34	38.10	2.19
2019/11/27 23:30	1.43	43.49	2.29
2019/11/27 23:45	1.34	39.08	2.25
2019/11/28 00:00	1.34	39.08	2.25
2019/11/28 00:15	1.34	39.08	2.25
2019/11/28 00:30	1.15	27.26	1.97
2019/11/28 00:45	1.07	23.91	1.92
2019/11/28 01:00	1.07	23.91	1.92
2019/11/28 01:15	1.07	22.32	1.80
2019/11/28 01:30	1.09	23.17	1.80
2019/11/28 01:45	1.15	27.14	1.96
2019/11/28 02:00	1.15	27.14	1.96
2019/11/28 02:15	1.09	24.37	1.89
2019/11/28 02:30	1.08	23.92	1.89
2019/11/28 02:45	1.04	21.37	1.79
2019/11/28 03:00	1.03	18.34	1.56
2019/11/28 03:15	1.01	17.98	1.56
2019/11/28 03:30	0.94	15.94	1.54
2019/11/28 03:45	0.91	12.88	1.30
2019/11/28 04:00	0.86	11.00	1.22
2019/11/28 04:15	0.86	11.00	1.22
2019/11/28 04:30	0.89	12.31	1.30
2019/11/28 04:45	0.91	13.21	1.33
2019/11/28 05:00	0.96	14.91	1.41
2019/11/28 05:15	0.96	14.91	1.41
2019/11/28 05:30	0.89	13.25	1.40
2019/11/28 05:45	1.01	17.56	1.53
2019/11/28 06:00	1.01	17.56	1.53
2019/11/28 06:15	1.05	21.00	1.72
2019/11/28 06:30	1.30	35.95	2.17
2019/11/28 06:45	1.55	52.55	2.46
2019/11/28 07:00	1.61	57.01	2.54
2019/11/28 07:15	1.68	63.43	2.66
2019/11/28 07:30	1.75	65.39	2.58
2019/11/28 07:45	1.75	65.39	2.58
2019/11/28 08:00	1.73	64.39	2.57
2019/11/28 08:15	1.73	64.65	2.58
2019/11/28 08:30	1.65	60.02	2.57
2019/11/28 08:45	1.59	57.08	2.57
2019/11/28 09:00	1.58	56.37	2.57
2019/11/28 09:15	1.50	48.82	2.41
2019/11/28 09:30	1.47	47.22	2.39

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/28 09:45	1.47	47.16	2.39
2019/11/28 10:00	1.47	47.16	2.39
2019/11/28 10:15	1.47	47.52	2.41
2019/11/28 10:30	1.47	47.16	2.39
2019/11/28 10:45	1.48	48.23	2.41
2019/11/28 11:00	1.48	48.23	2.41
2019/11/28 11:15	1.43	44.88	2.37
2019/11/28 11:30	1.43	44.88	2.37
2019/11/28 11:45	1.43	44.88	2.37
2019/11/28 12:00	1.43	44.88	2.37
2019/11/28 12:15	1.41	44.48	2.38
2019/11/28 12:30	1.40	43.85	2.38
2019/11/28 12:45	1.40	43.85	2.38
2019/11/28 13:00	1.44	47.09	2.45
2019/11/28 13:15	1.44	47.09	2.45
2019/11/28 13:30	1.50	50.49	2.49
2019/11/28 13:45	1.50	50.62	2.49
2019/11/28 14:00	1.54	52.52	2.49
2019/11/28 14:15	1.54	52.52	2.49
2019/11/28 14:30	1.50	50.24	2.48
2019/11/28 14:45	1.44	45.59	2.37
2019/11/28 15:00	1.28	35.05	2.18
2019/11/28 15:15	1.26	33.92	2.14
2019/11/28 15:30	1.26	33.92	2.14
2019/11/28 15:45	1.22	32.03	2.12
2019/11/28 16:00	1.26	34.50	2.18
2019/11/28 16:15	1.23	33.33	2.17
2019/11/28 16:30	1.23	33.33	2.17
2019/11/28 16:45	1.22	32.17	2.13
2019/11/28 17:00	1.23	33.33	2.17
2019/11/28 17:15	1.23	33.33	2.17
2019/11/28 17:30	1.30	36.92	2.22
2019/11/28 17:45	1.30	36.92	2.22
2019/11/28 18:00	1.30	36.92	2.22
2019/11/28 18:15	1.30	36.92	2.22
2019/11/28 18:30	1.30	37.25	2.24
2019/11/28 18:45	1.25	34.97	2.24
2019/11/28 19:00	1.25	34.97	2.24
2019/11/28 19:15	1.25	34.97	2.24
2019/11/28 19:30	1.15	28.85	2.08
2019/11/28 19:45	1.12	25.86	1.93
2019/11/28 20:00	1.12	25.86	1.93
2019/11/28 20:15	1.12	27.84	2.08
2019/11/28 20:30	1.15	28.85	2.08
2019/11/28 20:45	1.12	27.66	2.07

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/28 21:00	1.12	27.66	2.07
2019/11/28 21:15	1.12	26.99	2.02
2019/11/28 21:30	1.12	26.99	2.02
2019/11/28 21:45	1.12	25.86	1.93
2019/11/28 22:00	1.12	25.86	1.93
2019/11/28 22:15	1.15	29.10	2.10
2019/11/28 22:30	1.15	29.10	2.10
2019/11/28 22:45	1.15	28.26	2.04
2019/11/28 23:00	1.15	28.26	2.04
2019/11/28 23:15	1.12	27.13	2.03
2019/11/28 23:30	1.12	26.99	2.02
2019/11/28 23:45	1.11	25.28	1.92
2019/11/29 00:00	1.07	23.68	1.91
2019/11/29 00:15	1.11	25.28	1.92
2019/11/29 00:30	1.09	23.95	1.86
2019/11/29 00:45	1.07	21.37	1.72
2019/11/29 01:00	1.07	21.37	1.72
2019/11/29 01:15	1.04	19.32	1.62
2019/11/29 01:30	0.98	16.40	1.49
2019/11/29 01:45	0.96	14.84	1.40
2019/11/29 02:00	0.96	14.84	1.40
2019/11/29 02:15	0.91	13.86	1.40
2019/11/29 02:30	0.93	14.03	1.38
2019/11/29 02:45	0.83	11.93	1.38
2019/11/29 03:00	0.83	11.93	1.38
2019/11/29 03:15	0.83	11.74	1.36
2019/11/29 03:30	0.78	9.95	1.28
2019/11/29 03:45	0.78	9.09	1.17
2019/11/29 04:00	0.76	8.24	1.09
2019/11/29 04:15	0.76	8.19	1.08
2019/11/29 04:30	0.76	8.19	1.08
2019/11/29 04:45	0.76	8.19	1.08
2019/11/29 05:00	0.82	10.00	1.19
2019/11/29 05:15	0.82	10.00	1.19
2019/11/29 05:30	0.83	10.25	1.19
2019/11/29 05:45	0.83	10.25	1.19
2019/11/29 06:00	0.84	10.50	1.19
2019/11/29 06:15	0.83	9.89	1.15
2019/11/29 06:30	0.84	10.73	1.21
2019/11/29 06:45	0.84	11.31	1.28
2019/11/29 07:00	0.86	13.28	1.47
2019/11/29 07:15	0.97	15.87	1.47
2019/11/29 07:30	1.03	19.14	1.63
2019/11/29 07:45	1.05	21.60	1.77
2019/11/29 08:00	1.07	22.35	1.80

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/29 08:15	1.07	22.01	1.77
2019/11/29 08:30	1.12	24.99	1.87
2019/11/29 08:45	1.12	24.99	1.87
2019/11/29 09:00	1.15	27.66	2.00
2019/11/29 09:15	1.29	34.40	2.10
2019/11/29 09:30	1.44	44.66	2.32
2019/11/29 09:45	1.44	44.66	2.32
2019/11/29 10:00	1.44	44.66	2.32
2019/11/29 10:15	1.53	50.51	2.42
2019/11/29 10:30	1.46	43.79	2.25
2019/11/29 10:45	1.37	39.49	2.21
2019/11/29 11:00	1.37	39.49	2.21
2019/11/29 11:15	1.40	41.40	2.25
2019/11/29 11:30	1.40	41.40	2.25
2019/11/29 11:45	1.40	42.50	2.31
2019/11/29 12:00	1.40	42.81	2.32
2019/11/29 12:15	1.44	44.66	2.32
2019/11/29 12:30	1.44	44.66	2.32
2019/11/29 12:45	1.33	38.82	2.27
2019/11/29 13:00	1.33	38.82	2.27
2019/11/29 13:15	1.46	44.18	2.27
2019/11/29 13:30	1.34	38.77	2.23
2019/11/29 13:45	1.36	40.04	2.27
2019/11/29 14:00	1.51	50.19	2.44
2019/11/29 14:15	1.36	40.04	2.27
2019/11/29 14:30	1.36	39.35	2.23
2019/11/29 14:45	1.36	39.18	2.22
2019/11/29 15:00	1.26	33.75	2.13
2019/11/29 15:15	1.26	33.75	2.13
2019/11/29 15:30	1.22	32.17	2.13
2019/11/29 15:45	1.22	32.17	2.13
2019/11/29 16:00	1.26	34.35	2.17
2019/11/29 16:15	1.29	35.45	2.17
2019/11/29 16:30	1.26	34.26	2.16
2019/11/29 16:45	1.26	34.26	2.16
2019/11/29 17:00	1.19	29.93	2.05
2019/11/29 17:15	1.19	29.93	2.05
2019/11/29 17:30	1.19	29.93	2.05
2019/11/29 17:45	1.23	32.72	2.13
2019/11/29 18:00	1.25	34.07	2.19
2019/11/29 18:15	1.25	34.52	2.21
2019/11/29 18:30	1.30	36.92	2.22
2019/11/29 18:45	1.28	35.64	2.21
2019/11/29 19:00	1.30	36.92	2.22
2019/11/29 19:15	1.30	36.92	2.22

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/29 19:30	1.30	35.73	2.15
2019/11/29 19:45	1.30	35.73	2.15
2019/11/29 20:00	1.30	36.94	2.22
2019/11/29 20:15	1.26	33.07	2.09
2019/11/29 20:30	1.30	36.94	2.22
2019/11/29 20:45	1.26	35.25	2.22
2019/11/29 21:00	1.26	34.35	2.17
2019/11/29 21:15	1.33	37.12	2.17
2019/11/29 21:30	1.40	42.50	2.31
2019/11/29 21:45	1.40	42.50	2.31
2019/11/29 22:00	1.48	48.42	2.42
2019/11/29 22:15	1.48	48.42	2.42
2019/11/29 22:30	1.40	43.54	2.36
2019/11/29 22:45	1.33	40.46	2.36
2019/11/29 23:00	1.32	38.39	2.28
2019/11/29 23:15	1.28	35.83	2.23
2019/11/29 23:30	1.28	35.83	2.23
2019/11/29 23:45	1.32	37.54	2.23
2019/11/30 00:00	1.33	38.97	2.28
2019/11/30 00:15	1.33	38.97	2.28
2019/11/30 00:30	1.33	38.97	2.28
2019/11/30 00:45	1.11	24.12	1.84
2019/11/30 01:00	1.04	20.00	1.67
2019/11/30 01:15	1.01	17.87	1.55
2019/11/30 01:30	1.00	17.33	1.54
2019/11/30 01:45	0.87	13.10	1.41
2019/11/30 02:00	0.87	13.10	1.41
2019/11/30 02:15	0.87	13.10	1.41
2019/11/30 02:30	0.84	12.29	1.39
2019/11/30 02:45	0.84	12.25	1.39
2019/11/30 03:00	0.91	14.27	1.44
2019/11/30 03:15	0.84	12.25	1.39
2019/11/30 03:30	0.84	11.84	1.34
2019/11/30 03:45	0.94	13.79	1.33
2019/11/30 04:00	0.94	13.79	1.33
2019/11/30 04:15	0.84	10.16	1.15
2019/11/30 04:30	0.84	10.16	1.15
2019/11/30 04:45	0.84	10.16	1.15
2019/11/30 05:00	0.84	10.16	1.15
2019/11/30 05:15	0.84	10.24	1.16
2019/11/30 05:30	0.84	10.65	1.21
2019/11/30 05:45	0.86	11.17	1.23
2019/11/30 06:00	0.86	11.17	1.23
2019/11/30 06:15	0.86	11.17	1.23
2019/11/30 06:30	0.90	12.56	1.30

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/30 06:45	0.93	14.19	1.40
2019/11/30 07:00	0.96	14.81	1.40
2019/11/30 07:15	0.97	15.22	1.41
2019/11/30 07:30	1.04	18.76	1.57
2019/11/30 07:45	1.14	25.93	1.90
2019/11/30 08:00	1.14	25.93	1.90
2019/11/30 08:15	1.14	25.93	1.90
2019/11/30 08:30	1.22	28.74	1.90
2019/11/30 08:45	1.15	26.99	1.95
2019/11/30 09:00	1.15	26.99	1.95
2019/11/30 09:15	1.29	34.73	2.12
2019/11/30 09:30	1.32	35.89	2.13
2019/11/30 09:45	1.29	34.73	2.12
2019/11/30 10:00	1.30	37.47	2.26
2019/11/30 10:15	1.30	37.47	2.26
2019/11/30 10:30	1.30	37.50	2.26
2019/11/30 10:45	1.28	34.31	2.13
2019/11/30 11:00	1.30	37.50	2.26
2019/11/30 11:15	1.40	41.60	2.26
2019/11/30 11:30	1.40	42.16	2.29
2019/11/30 11:45	1.37	40.96	2.29
2019/11/30 12:00	1.37	41.05	2.29
2019/11/30 12:15	1.37	41.05	2.29
2019/11/30 12:30	1.37	41.43	2.31
2019/11/30 12:45	1.33	39.63	2.31
2019/11/30 13:00	1.33	39.63	2.31
2019/11/30 13:15	1.41	44.25	2.37
2019/11/30 13:30	1.47	49.27	2.49
2019/11/30 13:45	1.37	41.73	2.33
2019/11/30 14:00	1.41	44.96	2.41
2019/11/30 14:15	1.46	46.88	2.41
2019/11/30 14:30	1.46	46.85	2.40
2019/11/30 14:45	1.44	44.80	2.33
2019/11/30 15:00	1.44	44.66	2.32
2019/11/30 15:15	1.44	44.60	2.32
2019/11/30 15:30	1.43	36.32	1.92
2019/11/30 15:45	1.25	33.76	2.17
2019/11/30 16:00	1.25	33.76	2.17
2019/11/30 16:15	1.16	27.91	1.98
2019/11/30 16:30	1.25	33.76	2.17
2019/11/30 16:45	1.26	34.30	2.17
2019/11/30 17:00	1.29	35.60	2.18
2019/11/30 17:15	1.40	41.85	2.27
2019/11/30 17:30	1.41	42.97	2.30
2019/11/30 17:45	1.40	42.50	2.31

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/30 18:00	1.41	43.28	2.32
2019/11/30 18:15	1.40	42.67	2.32
2019/11/30 18:30	1.44	44.92	2.34
2019/11/30 18:45	1.34	40.09	2.31
2019/11/30 19:00	1.30	35.95	2.17
2019/11/30 19:15	1.30	35.95	2.17
2019/11/30 19:30	1.33	37.95	2.22
2019/11/30 19:45	1.30	35.95	2.17
2019/11/30 20:00	1.33	37.95	2.22
2019/11/30 20:15	1.33	38.48	2.25
2019/11/30 20:30	1.33	38.48	2.25
2019/11/30 20:45	1.32	36.07	2.14
2019/11/30 21:00	1.41	44.28	2.37
2019/11/30 21:15	1.32	37.59	2.23
2019/11/30 21:30	1.29	35.28	2.16
2019/11/30 21:45	1.29	35.28	2.16
2019/11/30 22:00	1.29	35.28	2.16
2019/11/30 22:15	1.29	35.28	2.16
2019/11/30 22:30	1.28	34.21	2.13
2019/11/30 22:45	1.30	35.30	2.13
2019/11/30 23:00	1.30	35.93	2.16
2019/11/30 23:15	1.23	33.19	2.16
2019/11/30 23:30	1.23	33.19	2.16
2019/11/30 23:45	1.23	33.19	2.16
2019/12/01 00:00	1.23	32.51	2.12
2019/12/01 00:15	1.21	30.53	2.06
2019/12/01 00:30	1.03	17.96	1.53
2019/12/01 00:45	1.03	17.96	1.53
2019/12/01 01:00	1.03	17.77	1.52
2019/12/01 01:15	1.01	17.42	1.52
2019/12/01 01:30	1.01	17.42	1.52
2019/12/01 01:45	1.01	17.73	1.54
2019/12/01 02:00	1.01	17.42	1.52
2019/12/01 02:15	0.98	15.83	1.43
2019/12/01 02:30	0.98	15.36	1.39
2019/12/01 02:45	0.86	10.92	1.21
2019/12/01 03:00	0.86	10.26	1.13
2019/12/01 03:15	0.86	9.17	1.01
2019/12/01 03:30	0.86	9.07	1.00
2019/12/01 03:45	0.86	9.17	1.01
2019/12/01 04:00	0.86	9.07	1.00
2019/12/01 04:15	0.84	8.79	0.99
2019/12/01 04:30	0.84	8.79	0.99
2019/12/01 04:45	0.84	10.49	1.19
2019/12/01 05:00	0.87	11.02	1.19

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/01 05:15	0.87	11.02	1.19
2019/12/01 05:30	0.87	11.02	1.19
2019/12/01 05:45	0.87	11.02	1.19
2019/12/01 06:00	0.86	10.74	1.19
2019/12/01 06:15	0.86	10.74	1.19
2019/12/01 06:30	0.86	10.34	1.14
2019/12/01 06:45	0.86	10.74	1.19
2019/12/01 07:00	0.89	13.61	1.44
2019/12/01 07:15	1.03	20.20	1.72
2019/12/01 07:30	1.03	16.84	1.44
2019/12/01 07:45	1.08	22.47	1.77
2019/12/01 08:00	1.08	23.42	1.85
2019/12/01 08:15	1.11	24.34	1.85
2019/12/01 08:30	1.11	24.34	1.85
2019/12/01 08:45	1.15	25.68	1.85
2019/12/01 09:00	1.15	25.68	1.85
2019/12/01 09:15	1.15	24.49	1.77
2019/12/01 09:30	1.15	24.49	1.77
2019/12/01 09:45	1.15	25.59	1.85
2019/12/01 10:00	1.23	32.05	2.09
2019/12/01 10:15	1.21	30.33	2.04
2019/12/01 10:30	1.23	32.72	2.13
2019/12/01 10:45	1.23	32.72	2.13
2019/12/01 11:00	1.26	34.04	2.15
2019/12/01 11:15	1.33	39.47	2.31
2019/12/01 11:30	1.36	40.66	2.31
2019/12/01 11:45	1.36	40.21	2.28
2019/12/01 12:00	1.36	40.21	2.28
2019/12/01 12:15	1.34	38.29	2.20
2019/12/01 12:30	1.33	37.56	2.19
2019/12/01 12:45	1.33	37.56	2.19
2019/12/01 13:00	1.30	36.18	2.18
2019/12/01 13:15	1.33	37.30	2.18
2019/12/01 13:30	1.33	37.30	2.18
2019/12/01 13:45	1.32	36.23	2.15
2019/12/01 14:00	1.26	33.89	2.14
2019/12/01 14:15	1.29	35.13	2.15
2019/12/01 14:30	1.29	35.13	2.15
2019/12/01 14:45	1.29	35.35	2.16
2019/12/01 15:00	1.29	35.35	2.16
2019/12/01 15:15	1.34	38.10	2.19
2019/12/01 15:30	1.34	38.10	2.19
2019/12/01 15:45	1.33	37.54	2.19
2019/12/01 16:00	1.28	34.93	2.17
2019/12/01 16:15	1.33	37.95	2.22

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/01 16:30	1.33	37.95	2.22
2019/12/01 16:45	1.39	40.62	2.24
2019/12/01 17:00	1.39	41.65	2.29
2019/12/01 17:15	1.43	43.49	2.29
2019/12/01 17:30	1.43	43.46	2.29
2019/12/01 17:45	1.43	43.46	2.29
2019/12/01 18:00	1.34	38.42	2.21
2019/12/01 18:15	1.34	38.42	2.21
2019/12/01 18:30	1.26	32.20	2.03
2019/12/01 18:45	1.26	32.20	2.03
2019/12/01 19:00	1.26	32.20	2.03
2019/12/01 19:15	1.25	31.67	2.03
2019/12/01 19:30	1.22	30.00	1.99
2019/12/01 19:45	1.22	29.71	1.97
2019/12/01 20:00	1.22	29.71	1.97
2019/12/01 20:15	1.22	29.71	1.97
2019/12/01 20:30	1.30	35.60	2.14
2019/12/01 20:45	1.30	35.60	2.14
2019/12/01 21:00	1.30	35.60	2.14
2019/12/01 21:15	1.33	36.70	2.14
2019/12/01 21:30	1.23	32.51	2.12
2019/12/01 21:45	1.23	32.51	2.12
2019/12/01 22:00	1.33	38.97	2.28
2019/12/01 22:15	1.33	38.97	2.28
2019/12/01 22:30	1.30	37.07	2.23
2019/12/01 22:45	1.34	39.61	2.28
2019/12/01 23:00	1.30	37.07	2.23
2019/12/01 23:15	1.25	33.31	2.14
2019/12/01 23:30	1.25	33.31	2.14
2019/12/01 23:45	1.14	27.14	1.99
2019/12/02 00:00	1.09	24.88	1.93
2019/12/02 00:15	1.08	23.55	1.86
2019/12/02 00:30	1.05	20.54	1.68
2019/12/02 00:45	0.90	12.49	1.29
2019/12/02 01:00	0.90	12.49	1.29
2019/12/02 01:15	1.05	19.89	1.63
2019/12/02 01:30	0.97	16.96	1.57
2019/12/02 01:45	0.97	16.96	1.57
2019/12/02 02:00	0.97	16.96	1.57
2019/12/02 02:15	0.89	11.88	1.25
2019/12/02 02:30	0.87	10.33	1.12
2019/12/02 02:45	0.87	9.23	1.00
2019/12/02 03:00	0.87	9.14	0.99
2019/12/02 03:15	0.87	9.23	1.00
2019/12/02 03:30	0.86	8.86	0.98

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/02 03:45	0.86	8.86	0.98
2019/12/02 04:00	0.86	9.18	1.01
2019/12/02 04:15	0.83	9.10	1.06
2019/12/02 04:30	0.83	9.68	1.12
2019/12/02 04:45	0.80	9.21	1.12
2019/12/02 05:00	0.80	8.79	1.07
2019/12/02 05:15	0.80	8.66	1.06
2019/12/02 05:30	0.82	9.01	1.07
2019/12/02 05:45	0.80	8.32	1.01
2019/12/02 06:00	0.82	9.01	1.07
2019/12/02 06:15	0.91	11.30	1.14
2019/12/02 06:30	0.91	11.85	1.19
2019/12/02 06:45	0.91	11.92	1.20
2019/12/02 07:00	1.00	18.08	1.61
2019/12/02 07:15	1.09	21.38	1.66
2019/12/02 07:30	1.09	20.71	1.61
2019/12/02 07:45	1.25	32.74	2.10
2019/12/02 08:00	1.25	33.00	2.12
2019/12/02 08:15	1.25	33.00	2.12
2019/12/02 08:30	1.16	28.45	2.02
2019/12/02 08:45	1.16	28.45	2.02
2019/12/02 09:00	1.16	27.91	1.98
2019/12/02 09:15	1.16	25.35	1.80
2019/12/02 09:30	1.16	25.35	1.80
2019/12/02 09:45	1.16	25.35	1.80
2019/12/02 10:00	1.25	30.93	1.98
2019/12/02 10:15	1.28	33.94	2.11
2019/12/02 10:30	1.28	33.94	2.11
2019/12/02 10:45	1.28	33.33	2.07
2019/12/02 11:00	1.28	33.33	2.07
2019/12/02 11:15	1.26	32.35	2.04
2019/12/02 11:30	1.26	32.35	2.04
2019/12/02 11:45	1.26	32.35	2.04
2019/12/02 12:00	1.23	27.95	1.82
2019/12/02 12:15	1.26	29.93	1.89
2019/12/02 12:30	1.26	34.35	2.17
2019/12/02 12:45	1.30	36.44	2.19
2019/12/02 13:00	1.30	35.73	2.15
2019/12/02 13:15	1.30	36.44	2.19
2019/12/02 13:30	1.34	39.48	2.27
2019/12/02 13:45	1.36	41.07	2.33
2019/12/02 14:00	1.36	41.07	2.33
2019/12/02 14:15	1.36	41.07	2.33
2019/12/02 14:30	1.40	43.37	2.35
2019/12/02 14:45	1.36	40.39	2.29

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/02 15:00	1.32	35.74	2.12
2019/12/02 15:15	1.32	35.74	2.12
2019/12/02 15:30	1.46	46.64	2.39
2019/12/02 15:45	1.53	50.92	2.44
2019/12/02 16:00	1.53	50.92	2.44
2019/12/02 16:15	1.53	50.92	2.44
2019/12/02 16:30	1.37	38.94	2.18
2019/12/02 16:45	1.36	37.84	2.15
2019/12/02 17:00	1.32	35.74	2.12
2019/12/02 17:15	1.32	35.74	2.12
2019/12/02 17:30	1.32	35.74	2.12
2019/12/02 17:45	1.33	36.39	2.13
2019/12/02 18:00	1.33	36.39	2.13
2019/12/02 18:15	1.33	36.39	2.13
2019/12/02 18:30	1.33	40.28	2.35
2019/12/02 18:45	1.33	40.28	2.35
2019/12/02 19:00	1.25	34.52	2.21
2019/12/02 19:15	1.46	46.05	2.36
2019/12/02 19:30	1.46	46.05	2.36
2019/12/02 19:45	1.33	37.90	2.21
2019/12/02 20:00	1.25	33.52	2.15
2019/12/02 20:15	1.33	36.81	2.15
2019/12/02 20:30	1.15	27.79	2.01
2019/12/02 20:45	1.15	27.75	2.00
2019/12/02 21:00	1.15	27.75	2.00
2019/12/02 21:15	1.16	30.07	2.13
2019/12/02 21:30	1.16	30.07	2.13
2019/12/02 21:45	1.30	35.62	2.15
2019/12/02 22:00	1.39	41.87	2.31
2019/12/02 22:15	1.39	41.87	2.31
2019/12/02 22:30	1.39	41.87	2.31
2019/12/02 22:45	1.34	38.16	2.20
2019/12/02 23:00	1.34	38.16	2.20
2019/12/02 23:15	1.32	36.97	2.19
2019/12/02 23:30	1.32	36.97	2.19
2019/12/02 23:45	1.29	34.90	2.13
2019/12/03 00:00	1.29	34.90	2.13
2019/12/03 00:15	1.22	31.89	2.11
2019/12/03 00:30	1.16	29.79	2.11
2019/12/03 00:45	1.11	23.13	1.76
2019/12/03 01:00	0.86	11.17	1.23
2019/12/03 01:15	0.86	11.00	1.22
2019/12/03 01:30	0.86	11.00	1.22
2019/12/03 01:45	0.89	11.53	1.22
2019/12/03 02:00	0.91	12.79	1.29

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/03 02:15	0.91	12.79	1.29
2019/12/03 02:30	0.91	12.79	1.29
2019/12/03 02:45	0.86	11.42	1.26
2019/12/03 03:00	0.86	11.42	1.26
2019/12/03 03:15	0.84	9.81	1.11
2019/12/03 03:30	0.86	9.93	1.10
2019/12/03 03:45	0.84	10.45	1.18
2019/12/03 04:00	0.82	8.55	1.02
2019/12/03 04:15	0.82	8.55	1.02
2019/12/03 04:30	0.86	10.70	1.18
2019/12/03 04:45	0.84	10.45	1.18
2019/12/03 05:00	0.84	10.54	1.19
2019/12/03 05:15	0.86	10.80	1.19
2019/12/03 05:30	0.86	10.80	1.19
2019/12/03 05:45	0.86	10.92	1.21
2019/12/03 06:00	0.86	11.06	1.22
2019/12/03 06:15	0.86	12.65	1.40
2019/12/03 06:30	0.93	14.23	1.40
2019/12/03 06:45	0.96	14.86	1.40
2019/12/03 07:00	1.01	16.91	1.47
2019/12/03 07:15	1.19	29.22	2.00
2019/12/03 07:30	1.25	33.02	2.12
2019/12/03 07:45	1.25	33.02	2.12
2019/12/03 08:00	1.25	33.02	2.12
2019/12/03 08:15	1.22	31.96	2.12
2019/12/03 08:30	1.32	35.89	2.13
2019/12/03 08:45	1.32	35.89	2.13
2019/12/03 09:00	1.36	38.32	2.17
2019/12/03 09:15	1.32	35.99	2.13
2019/12/03 09:30	1.32	36.64	2.17
2019/12/03 09:45	1.36	39.43	2.24
2019/12/03 10:00	1.36	39.51	2.24
2019/12/03 10:15	1.39	41.56	2.29
2019/12/03 10:30	1.39	41.56	2.29
2019/12/03 10:45	1.40	43.26	2.35
2019/12/03 11:00	1.40	42.16	2.29
2019/12/03 11:15	1.30	37.12	2.24
2019/12/03 11:30	1.29	35.53	2.17
2019/12/03 11:45	1.30	37.12	2.24
2019/12/03 12:00	1.30	37.12	2.24
2019/12/03 12:15	1.32	37.69	2.24
2019/12/03 12:30	1.36	40.31	2.29
2019/12/03 12:45	1.39	41.95	2.31
2019/12/03 13:00	1.39	41.51	2.29
2019/12/03 13:15	1.32	37.00	2.19

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/03 13:30	1.29	35.88	2.19
2019/12/03 13:45	1.26	34.76	2.19
2019/12/03 14:00	1.25	34.04	2.18
2019/12/03 14:15	1.25	33.35	2.14
2019/12/03 14:30	1.26	33.89	2.14
2019/12/03 14:45	1.26	33.89	2.14
2019/12/03 15:00	1.29	34.98	2.14
2019/12/03 15:15	1.29	34.98	2.14
2019/12/03 15:30	1.23	31.69	2.07
2019/12/03 15:45	1.23	31.69	2.07
2019/12/03 16:00	1.33	38.48	2.25
2019/12/03 16:15	1.32	36.71	2.18
2019/12/03 16:30	1.32	36.71	2.18
2019/12/03 16:45	1.32	36.71	2.18
2019/12/03 17:00	1.29	34.40	2.10
2019/12/03 17:15	1.29	34.40	2.10
2019/12/03 17:30	1.29	34.40	2.10
2019/12/03 17:45	1.30	36.28	2.19
2019/12/03 18:00	1.30	36.28	2.19
2019/12/03 18:15	1.30	36.44	2.19
2019/12/03 18:30	1.32	38.18	2.26
2019/12/03 18:45	1.34	39.35	2.26
2019/12/03 19:00	1.32	37.92	2.25
2019/12/03 19:15	1.32	37.92	2.25
2019/12/03 19:30	1.29	33.63	2.06
2019/12/03 19:45	1.28	32.76	2.04
2019/12/03 20:00	1.28	32.76	2.04
2019/12/03 20:15	1.28	33.11	2.06
2019/12/03 20:30	1.29	37.22	2.28
2019/12/03 20:45	1.28	36.64	2.28
2019/12/03 21:00	1.36	41.12	2.33
2019/12/03 21:15	1.28	36.64	2.28
2019/12/03 21:30	1.34	39.61	2.28
2019/12/03 21:45	1.34	39.61	2.28
2019/12/03 22:00	1.36	41.42	2.35
2019/12/03 22:15	1.34	39.61	2.28
2019/12/03 22:30	1.34	39.61	2.28
2019/12/03 22:45	1.37	41.56	2.32
2019/12/03 23:00	1.26	35.56	2.24
2019/12/03 23:15	1.21	30.91	2.08
2019/12/03 23:30	1.16	28.28	2.01
2019/12/03 23:45	1.15	27.43	1.98
2019/12/04 00:00	1.12	24.60	1.84
2019/12/04 00:15	1.05	21.43	1.76
2019/12/04 00:30	1.05	21.43	1.76

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/04 00:45	0.98	18.81	1.70
2019/12/04 01:00	0.98	17.06	1.55
2019/12/04 01:15	0.94	15.89	1.53
2019/12/04 01:30	0.87	13.29	1.43
2019/12/04 01:45	0.83	11.26	1.31
2019/12/04 02:00	0.83	11.96	1.39
2019/12/04 02:15	0.83	11.26	1.31
2019/12/04 02:30	0.83	11.26	1.31
2019/12/04 02:45	0.93	13.24	1.31
2019/12/04 03:00	0.96	14.68	1.39
2019/12/04 03:15	1.01	18.75	1.63
2019/12/04 03:30	1.05	22.40	1.84
2019/12/04 03:45	1.21	28.63	1.93
2019/12/04 04:00	1.23	32.30	2.11
2019/12/04 04:15	1.36	39.75	2.25
2019/12/04 04:30	1.36	39.75	2.25
2019/12/04 04:45	1.36	39.75	2.25
2019/12/04 05:00	1.36	39.75	2.25
2019/12/04 05:15	1.37	40.34	2.25
2019/12/04 05:30	1.50	49.32	2.43
2019/12/04 05:45	1.57	53.49	2.47
2019/12/04 06:00	1.57	53.49	2.47
2019/12/04 06:15	1.57	53.49	2.47
2019/12/04 06:30	1.54	51.97	2.46
2019/12/04 06:45	1.54	51.84	2.46
2019/12/04 07:00	1.53	50.98	2.45
2019/12/04 07:15	1.48	48.94	2.44
2019/12/04 07:30	1.47	46.98	2.38
2019/12/04 07:45	1.48	47.62	2.38
2019/12/04 08:00	1.47	46.74	2.37
2019/12/04 08:15	1.40	42.16	2.29
2019/12/04 08:30	1.28	35.86	2.23
2019/12/04 08:45	1.28	35.86	2.23
2019/12/04 09:00	1.28	35.86	2.23
2019/12/04 09:15	1.30	37.25	2.24
2019/12/04 09:30	1.46	45.90	2.36
2019/12/04 09:45	1.46	47.03	2.41
2019/12/04 10:00	1.58	54.20	2.47
2019/12/04 10:15	1.72	66.30	2.68
2019/12/04 10:30	1.96	80.65	2.72
2019/12/04 10:45	1.96	81.52	2.75
2019/12/04 11:00	1.96	81.52	2.75
2019/12/04 11:15	1.76	70.27	2.75
2019/12/04 11:30	1.65	61.58	2.64
2019/12/04 11:45	1.64	58.53	2.54

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/04 12:00	1.54	51.42	2.44
2019/12/04 12:15	1.54	51.42	2.44
2019/12/04 12:30	1.40	41.60	2.26
2019/12/04 12:45	1.32	37.13	2.20
2019/12/04 13:00	1.48	46.64	2.33
2019/12/04 13:15	1.46	44.18	2.27
2019/12/04 13:30	1.46	44.18	2.27
2019/12/04 13:45	1.48	46.64	2.33
2019/12/04 14:00	1.48	46.64	2.33
2019/12/04 14:15	1.50	47.30	2.33
2019/12/04 14:30	1.50	47.67	2.35
2019/12/04 14:45	1.48	46.67	2.33
2019/12/04 15:00	1.40	42.33	2.30
2019/12/04 15:15	1.48	47.04	2.35
2019/12/04 15:30	1.44	43.34	2.26
2019/12/04 15:45	1.29	35.35	2.16
2019/12/04 16:00	1.29	35.35	2.16
2019/12/04 16:15	1.29	34.90	2.13
2019/12/04 16:30	1.29	34.90	2.13
2019/12/04 16:45	1.28	34.36	2.13
2019/12/04 17:00	1.28	34.38	2.14
2019/12/04 17:15	1.30	36.54	2.20
2019/12/04 17:30	1.32	38.00	2.25
2019/12/04 17:45	1.30	36.54	2.20
2019/12/04 18:00	1.30	35.47	2.14
2019/12/04 18:15	1.32	38.00	2.25
2019/12/04 18:30	1.28	34.02	2.11
2019/12/04 18:45	1.26	33.43	2.11
2019/12/04 19:00	1.21	30.89	2.08
2019/12/04 19:15	1.26	32.97	2.08
2019/12/04 19:30	1.23	31.93	2.08
2019/12/04 19:45	1.15	27.26	1.97
2019/12/04 20:00	1.21	30.33	2.04
2019/12/04 20:15	1.23	32.89	2.14
2019/12/04 20:30	1.23	32.89	2.14
2019/12/04 20:45	1.30	36.44	2.19
2019/12/04 21:00	1.30	36.44	2.19
2019/12/04 21:15	1.30	36.61	2.20
2019/12/04 21:30	1.30	36.61	2.20
2019/12/04 21:45	1.30	36.61	2.20
2019/12/04 22:00	1.30	35.80	2.16
2019/12/04 22:15	1.43	43.26	2.28
2019/12/04 22:30	1.30	36.74	2.21
2019/12/04 22:45	1.30	36.74	2.21
2019/12/04 23:00	1.30	36.74	2.21

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/04 23:15	1.30	37.25	2.24
2019/12/04 23:30	1.30	36.74	2.21
2019/12/04 23:45	1.12	26.52	1.98
2019/12/05 00:00	1.12	26.52	1.98
2019/12/05 00:15	1.11	25.12	1.91
2019/12/05 00:30	1.08	21.87	1.73
2019/12/05 00:45	1.04	20.23	1.69
2019/12/05 01:00	1.04	19.78	1.65
2019/12/05 01:15	1.03	18.05	1.54
2019/12/05 01:30	1.01	17.22	1.50
2019/12/05 01:45	0.94	14.75	1.42
2019/12/05 02:00	0.86	11.68	1.29
2019/12/05 02:15	0.86	11.68	1.29
2019/12/05 02:30	0.84	11.40	1.29
2019/12/05 02:45	0.83	10.18	1.18
2019/12/05 03:00	0.83	10.18	1.18
2019/12/05 03:15	0.83	10.46	1.21
2019/12/05 03:30	0.83	10.18	1.18
2019/12/05 03:45	0.83	9.47	1.10
2019/12/05 04:00	0.83	10.35	1.20
2019/12/05 04:15	0.82	9.24	1.10
2019/12/05 04:30	0.82	9.13	1.08
2019/12/05 04:45	0.82	9.00	1.07
2019/12/05 05:00	0.82	9.00	1.07
2019/12/05 05:15	0.79	8.55	1.07
2019/12/05 05:30	0.83	9.54	1.11
2019/12/05 05:45	0.84	12.04	1.36
2019/12/05 06:00	0.87	12.90	1.39
2019/12/05 06:15	0.87	13.34	1.44
2019/12/05 06:30	0.97	15.57	1.44
2019/12/05 06:45	1.05	21.35	1.75
2019/12/05 07:00	1.09	23.66	1.83
2019/12/05 07:15	1.15	25.97	1.87
2019/12/05 07:30	1.16	27.91	1.98
2019/12/05 07:45	1.22	31.11	2.06
2019/12/05 08:00	1.22	29.87	1.98
2019/12/05 08:15	1.22	30.88	2.05
2019/12/05 08:30	1.16	27.91	1.98
2019/12/05 08:45	1.16	28.86	2.05
2019/12/05 09:00	1.16	28.86	2.05
2019/12/05 09:15	1.30	36.74	2.21
2019/12/05 09:30	1.39	41.51	2.29
2019/12/05 09:45	1.39	41.51	2.29
2019/12/05 10:00	1.39	41.45	2.28
2019/12/05 10:15	1.30	36.74	2.21

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/05 10:30	1.37	39.30	2.20
2019/12/05 10:45	1.37	39.30	2.20
2019/12/05 11:00	1.37	40.17	2.24
2019/12/05 11:15	1.37	40.17	2.24
2019/12/05 11:30	1.37	40.17	2.24
2019/12/05 11:45	1.37	40.83	2.28
2019/12/05 12:00	1.37	40.83	2.28
2019/12/05 12:15	1.36	40.23	2.28
2019/12/05 12:30	1.34	39.24	2.26
2019/12/05 12:45	1.34	39.24	2.26
2019/12/05 13:00	1.34	39.24	2.26
2019/12/05 13:15	1.34	39.24	2.26
2019/12/05 13:30	1.32	38.00	2.25
2019/12/05 13:45	1.33	38.58	2.25
2019/12/05 14:00	1.43	42.88	2.26
2019/12/05 14:15	1.33	37.82	2.21
2019/12/05 14:30	1.33	37.82	2.21
2019/12/05 14:45	1.33	37.82	2.21
2019/12/05 15:00	1.36	39.88	2.26
2019/12/05 15:15	1.33	37.82	2.21
2019/12/05 15:30	1.29	34.28	2.10
2019/12/05 15:45	1.29	34.28	2.10
2019/12/05 16:00	1.33	37.95	2.22
2019/12/05 16:15	1.26	32.64	2.06
2019/12/05 16:30	1.14	28.05	2.06
2019/12/05 16:45	1.28	34.75	2.16
2019/12/05 17:00	1.21	29.90	2.01
2019/12/05 17:15	1.21	29.90	2.01
2019/12/05 17:30	1.28	34.75	2.16
2019/12/05 17:45	1.34	39.93	2.30
2019/12/05 18:00	1.34	39.93	2.30
2019/12/05 18:15	1.34	39.93	2.30
2019/12/05 18:30	1.32	36.71	2.18
2019/12/05 18:45	1.25	31.81	2.04
2019/12/05 19:00	1.25	31.81	2.04
2019/12/05 19:15	1.25	31.07	1.99
2019/12/05 19:30	1.25	31.81	2.04
2019/12/05 19:45	1.23	30.57	1.99
2019/12/05 20:00	1.22	30.58	2.03
2019/12/05 20:15	1.22	30.58	2.03
2019/12/05 20:30	1.23	32.72	2.13
2019/12/05 20:45	1.22	32.03	2.12
2019/12/05 21:00	1.34	37.07	2.13
2019/12/05 21:15	1.37	40.17	2.24
2019/12/05 21:30	1.37	40.17	2.24

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/05 21:45	1.37	40.17	2.24
2019/12/05 22:00	1.37	40.17	2.24
2019/12/05 22:15	1.37	40.17	2.24
2019/12/05 22:30	1.29	35.70	2.18
2019/12/05 22:45	1.29	35.70	2.18
2019/12/05 23:00	1.29	35.70	2.18
2019/12/05 23:15	1.36	39.37	2.23
2019/12/05 23:30	1.18	29.80	2.08
2019/12/05 23:45	1.36	39.37	2.23
2019/12/06 00:00	1.18	29.80	2.08
2019/12/06 00:15	1.18	29.12	2.03
2019/12/06 00:30	1.08	23.18	1.83
2019/12/06 00:45	1.07	20.72	1.67
2019/12/06 01:00	1.01	17.91	1.56
2019/12/06 01:15	1.01	17.91	1.56
2019/12/06 01:30	0.97	16.71	1.55
2019/12/06 01:45	0.94	14.97	1.45
2019/12/06 02:00	0.97	16.84	1.56
2019/12/06 02:15	0.94	14.66	1.41
2019/12/06 02:30	0.83	10.05	1.17
2019/12/06 02:45	0.83	9.56	1.11
2019/12/06 03:00	0.83	10.05	1.17
2019/12/06 03:15	0.83	10.05	1.17
2019/12/06 03:30	0.83	9.56	1.11
2019/12/06 03:45	0.84	9.66	1.09
2019/12/06 04:00	0.84	10.30	1.17
2019/12/06 04:15	0.84	10.33	1.17
2019/12/06 04:30	0.84	10.33	1.17
2019/12/06 04:45	0.89	11.67	1.23
2019/12/06 05:00	0.89	11.92	1.26
2019/12/06 05:15	0.90	12.19	1.26
2019/12/06 05:30	0.90	12.19	1.26
2019/12/06 05:45	0.91	12.47	1.26
2019/12/06 06:00	0.93	13.41	1.32
2019/12/06 06:15	0.96	14.96	1.41
2019/12/06 06:30	0.98	15.68	1.42
2019/12/06 06:45	1.03	17.50	1.49
2019/12/06 07:00	1.03	20.49	1.75
2019/12/06 07:15	1.16	27.38	1.94
2019/12/06 07:30	1.19	28.53	1.95
2019/12/06 07:45	1.25	33.31	2.14
2019/12/06 08:00	1.23	31.55	2.06
2019/12/06 08:15	1.23	31.55	2.06
2019/12/06 08:30	1.19	30.02	2.06
2019/12/06 08:45	1.23	31.55	2.06

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/06 09:00	1.19	28.84	1.98
2019/12/06 09:15	1.19	28.84	1.98
2019/12/06 09:30	1.28	34.31	2.13
2019/12/06 09:45	1.33	36.81	2.15
2019/12/06 10:00	1.28	34.31	2.13
2019/12/06 10:15	1.28	34.58	2.15
2019/12/06 10:30	1.28	34.58	2.15
2019/12/06 10:45	1.37	40.17	2.24
2019/12/06 11:00	1.37	40.17	2.24
2019/12/06 11:15	1.40	42.87	2.33
2019/12/06 11:30	1.40	42.87	2.33
2019/12/06 11:45	1.40	42.87	2.33
2019/12/06 12:00	1.32	37.98	2.25
2019/12/06 12:15	1.32	37.00	2.19
2019/12/06 12:30	1.32	36.97	2.19
2019/12/06 12:45	1.32	36.95	2.19
2019/12/06 13:00	1.32	35.56	2.11
2019/12/06 13:15	1.25	32.40	2.08
2019/12/06 13:30	1.25	32.40	2.08
2019/12/06 13:45	1.25	32.40	2.08
2019/12/06 14:00	1.28	34.02	2.11
2019/12/06 14:15	1.28	34.02	2.11
2019/12/06 14:30	1.29	35.35	2.16
2019/12/06 14:45	1.34	37.73	2.17
2019/12/06 15:00	1.28	34.75	2.16
2019/12/06 15:15	1.30	36.06	2.17
2019/12/06 15:30	1.34	38.79	2.23
2019/12/06 15:45	1.30	37.07	2.23
2019/12/06 16:00	1.28	35.37	2.20
2019/12/06 16:15	1.26	34.81	2.20
2019/12/06 16:30	1.26	34.52	2.18
2019/12/06 16:45	1.25	33.88	2.17
2019/12/06 17:00	1.25	33.76	2.17
2019/12/06 17:15	1.25	33.76	2.17
2019/12/06 17:30	1.26	34.42	2.17
2019/12/06 17:45	1.26	34.69	2.19
2019/12/06 18:00	1.26	34.69	2.19
2019/12/06 18:15	1.26	34.69	2.19
2019/12/06 18:30	1.26	34.88	2.20
2019/12/06 18:45	1.26	34.18	2.16
2019/12/06 19:00	1.22	32.45	2.15
2019/12/06 19:15	1.15	27.66	2.00
2019/12/06 19:30	1.15	27.66	2.00
2019/12/06 19:45	1.15	27.66	2.00
2019/12/06 20:00	1.15	27.66	2.00

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/06 20:15	1.26	33.26	2.10
2019/12/06 20:30	1.29	34.90	2.13
2019/12/06 20:45	1.26	33.26	2.10
2019/12/06 21:00	1.28	35.05	2.18
2019/12/06 21:15	1.32	37.23	2.21
2019/12/06 21:30	1.28	35.54	2.21
2019/12/06 21:45	1.28	35.54	2.21
2019/12/06 22:00	1.28	35.54	2.21
2019/12/06 22:15	1.32	38.75	2.30
2019/12/06 22:30	1.32	38.75	2.30
2019/12/06 22:45	1.32	38.75	2.30
2019/12/06 23:00	1.40	42.33	2.30
2019/12/06 23:15	1.40	42.33	2.30
2019/12/06 23:30	1.39	40.62	2.24
2019/12/06 23:45	1.33	37.30	2.18
2019/12/07 00:00	1.33	37.30	2.18
2019/12/07 00:15	1.18	28.00	1.95
2019/12/07 00:30	1.12	25.11	1.88
2019/12/07 00:45	1.11	22.25	1.69
2019/12/07 01:00	0.97	15.32	1.42
2019/12/07 01:15	0.97	15.32	1.42
2019/12/07 01:30	0.87	12.06	1.30
2019/12/07 01:45	0.86	11.68	1.29
2019/12/07 02:00	0.87	12.06	1.30
2019/12/07 02:15	0.97	14.22	1.32
2019/12/07 02:30	0.86	10.67	1.18
2019/12/07 02:45	0.91	13.04	1.32
2019/12/07 03:00	0.91	13.04	1.32
2019/12/07 03:15	0.84	11.05	1.25
2019/12/07 03:30	0.84	9.92	1.12
2019/12/07 03:45	0.91	11.82	1.19
2019/12/07 04:00	0.84	10.53	1.19
2019/12/07 04:15	0.84	10.53	1.19
2019/12/07 04:30	0.86	10.51	1.16
2019/12/07 04:45	0.86	10.78	1.19
2019/12/07 05:00	0.84	10.26	1.16
2019/12/07 05:15	0.84	10.26	1.16
2019/12/07 05:30	0.86	11.15	1.23
2019/12/07 05:45	0.86	11.39	1.26
2019/12/07 06:00	0.90	12.21	1.26
2019/12/07 06:15	0.93	12.76	1.26
2019/12/07 06:30	0.96	13.41	1.27
2019/12/07 06:45	0.96	13.41	1.27
2019/12/07 07:00	0.96	16.59	1.57
2019/12/07 07:15	1.05	21.71	1.78

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/07 07:30	1.05	21.71	1.78
2019/12/07 07:45	1.07	21.96	1.77
2019/12/07 08:00	1.09	22.79	1.77
2019/12/07 08:15	1.09	22.79	1.77
2019/12/07 08:30	1.16	24.92	1.77
2019/12/07 08:45	1.16	27.01	1.92
2019/12/07 09:00	1.16	28.28	2.01
2019/12/07 09:15	1.18	29.12	2.03
2019/12/07 09:30	1.18	29.12	2.03
2019/12/07 09:45	1.26	32.37	2.04
2019/12/07 10:00	1.26	32.37	2.04
2019/12/07 10:15	1.26	34.35	2.17
2019/12/07 10:30	1.26	34.40	2.17
2019/12/07 10:45	1.26	34.40	2.17
2019/12/07 11:00	1.30	36.06	2.17
2019/12/07 11:15	1.46	48.37	2.48
2019/12/07 11:30	1.46	48.37	2.48
2019/12/07 11:45	1.43	44.70	2.36
2019/12/07 12:00	1.43	44.70	2.36
2019/12/07 12:15	1.53	51.94	2.49
2019/12/07 12:30	1.43	44.70	2.36
2019/12/07 12:45	1.44	45.95	2.39
2019/12/07 13:00	1.44	45.95	2.39
2019/12/07 13:15	1.44	45.95	2.39
2019/12/07 13:30	1.44	45.95	2.39
2019/12/07 13:45	1.50	51.30	2.53
2019/12/07 14:00	1.50	51.30	2.53
2019/12/07 14:15	1.50	51.30	2.53
2019/12/07 14:30	1.46	48.19	2.47
2019/12/07 14:45	1.40	42.19	2.29
2019/12/07 15:00	1.40	42.19	2.29
2019/12/07 15:15	1.40	42.19	2.29
2019/12/07 15:30	1.40	41.60	2.26
2019/12/07 15:45	1.30	36.94	2.22
2019/12/07 16:00	1.43	45.11	2.38
2019/12/07 16:15	1.43	45.11	2.38
2019/12/07 16:30	1.43	45.11	2.38
2019/12/07 16:45	1.47	50.12	2.54
2019/12/07 17:00	1.47	50.12	2.54
2019/12/07 17:15	1.47	50.12	2.54
2019/12/07 17:30	1.32	38.18	2.26
2019/12/07 17:45	1.29	37.02	2.26
2019/12/07 18:00	1.26	34.76	2.19
2019/12/07 18:15	1.28	35.32	2.19
2019/12/07 18:30	1.29	37.02	2.26

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/07 18:45	1.28	36.33	2.26
2019/12/07 19:00	1.28	36.33	2.26
2019/12/07 19:15	1.30	37.68	2.27
2019/12/07 19:30	1.34	39.64	2.28
2019/12/07 19:45	1.34	40.52	2.33
2019/12/07 20:00	1.39	42.64	2.35
2019/12/07 20:15	1.34	40.52	2.33
2019/12/07 20:30	1.32	39.31	2.33
2019/12/07 20:45	1.28	36.37	2.26
2019/12/07 21:00	1.23	34.62	2.26
2019/12/07 21:15	1.23	34.22	2.23
2019/12/07 21:30	1.23	31.93	2.08
2019/12/07 21:45	1.23	31.93	2.08
2019/12/07 22:00	1.21	30.26	2.04
2019/12/07 22:15	1.18	28.49	1.99
2019/12/07 22:30	1.18	29.87	2.08
2019/12/07 22:45	1.29	35.83	2.19
2019/12/07 23:00	1.33	40.62	2.37
2019/12/07 23:15	1.33	40.62	2.37
2019/12/07 23:30	1.33	40.62	2.37
2019/12/07 23:45	1.32	36.20	2.15
2019/12/08 00:00	1.26	33.43	2.11
2019/12/08 00:15	1.19	30.62	2.10
2019/12/08 00:30	1.08	22.95	1.81
2019/12/08 00:45	1.05	19.81	1.63
2019/12/08 01:00	1.03	18.88	1.61
2019/12/08 01:15	0.97	16.56	1.53
2019/12/08 01:30	0.97	16.56	1.53
2019/12/08 01:45	0.97	14.53	1.34
2019/12/08 02:00	0.97	14.53	1.34
2019/12/08 02:15	0.93	13.30	1.31
2019/12/08 02:30	0.93	12.69	1.25
2019/12/08 02:45	0.90	11.53	1.19
2019/12/08 03:00	0.90	12.13	1.25
2019/12/08 03:15	0.90	12.13	1.25
2019/12/08 03:30	0.90	12.13	1.25
2019/12/08 03:45	0.87	10.90	1.18
2019/12/08 04:00	0.87	10.90	1.18
2019/12/08 04:15	0.83	9.38	1.09
2019/12/08 04:30	0.83	9.38	1.09
2019/12/08 04:45	0.83	9.64	1.12
2019/12/08 05:00	0.89	10.60	1.12
2019/12/08 05:15	0.89	11.76	1.24
2019/12/08 05:30	0.90	13.82	1.43
2019/12/08 05:45	0.90	13.82	1.43

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/08 06:00	0.90	13.82	1.43
2019/12/08 06:15	0.90	13.82	1.43
2019/12/08 06:30	0.96	15.78	1.49
2019/12/08 06:45	0.96	15.78	1.49
2019/12/08 07:00	1.03	18.30	1.56
2019/12/08 07:15	1.04	19.19	1.61
2019/12/08 07:30	1.08	21.62	1.71
2019/12/08 07:45	1.08	22.95	1.81
2019/12/08 08:00	1.14	25.06	1.84
2019/12/08 08:15	1.18	28.97	2.02
2019/12/08 08:30	1.21	30.03	2.02
2019/12/08 08:45	1.21	30.91	2.08
2019/12/08 09:00	1.26	34.18	2.16
2019/12/08 09:15	1.26	34.18	2.16
2019/12/08 09:30	1.37	41.05	2.29
2019/12/08 09:45	1.26	34.18	2.16
2019/12/08 10:00	1.26	34.18	2.16
2019/12/08 10:15	1.23	32.28	2.10
2019/12/08 10:30	1.37	41.05	2.29
2019/12/08 10:45	1.44	45.01	2.34
2019/12/08 11:00	1.44	45.01	2.34
2019/12/08 11:15	1.26	34.76	2.19
2019/12/08 11:30	1.37	41.73	2.33
2019/12/08 11:45	1.28	35.54	2.21
2019/12/08 12:00	1.28	35.32	2.19
2019/12/08 12:15	1.28	35.34	2.20
2019/12/08 12:30	1.29	35.90	2.20
2019/12/08 12:45	1.29	35.90	2.20
2019/12/08 13:00	1.37	39.30	2.20
2019/12/08 13:15	1.46	51.99	2.67
2019/12/08 13:30	1.64	61.48	2.67
2019/12/08 13:45	1.64	61.48	2.67
2019/12/08 14:00	1.64	58.53	2.54
2019/12/08 14:15	1.61	56.77	2.53
2019/12/08 14:30	1.53	49.49	2.38
2019/12/08 14:45	1.47	44.99	2.28
2019/12/08 15:00	1.37	40.31	2.25
2019/12/08 15:15	1.36	39.59	2.24
2019/12/08 15:30	1.33	38.14	2.23
2019/12/08 15:45	1.33	38.14	2.23
2019/12/08 16:00	1.26	34.81	2.20
2019/12/08 16:15	1.25	32.57	2.09
2019/12/08 16:30	1.25	32.57	2.09
2019/12/08 16:45	1.25	32.57	2.09
2019/12/08 17:00	1.25	32.26	2.07

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/08 17:15	1.25	32.26	2.07
2019/12/08 17:30	1.29	33.83	2.07
2019/12/08 17:45	1.29	34.28	2.10
2019/12/08 18:00	1.29	34.28	2.10
2019/12/08 18:15	1.29	34.28	2.10
2019/12/08 18:30	1.26	33.10	2.09
2019/12/08 18:45	1.26	33.10	2.09
2019/12/08 19:00	1.29	34.15	2.09
2019/12/08 19:15	1.28	33.70	2.09
2019/12/08 19:30	1.34	38.77	2.23
2019/12/08 19:45	1.41	43.17	2.31
2019/12/08 20:00	1.41	43.17	2.31
2019/12/08 20:15	1.34	38.77	2.23
2019/12/08 20:30	1.46	45.90	2.36
2019/12/08 20:45	1.46	45.90	2.36
2019/12/08 21:00	1.59	55.63	2.51
2019/12/08 21:15	1.50	49.32	2.43
2019/12/08 21:30	1.50	49.32	2.43
2019/12/08 21:45	1.50	49.32	2.43
2019/12/08 22:00	1.50	49.32	2.43
2019/12/08 22:15	1.43	43.46	2.29
2019/12/08 22:30	1.40	40.90	2.22
2019/12/08 22:45	1.40	42.05	2.28
2019/12/08 23:00	1.40	42.05	2.28
2019/12/08 23:15	1.32	38.49	2.28
2019/12/08 23:30	1.26	34.13	2.15
2019/12/08 23:45	1.25	33.59	2.15
2019/12/09 00:00	1.25	33.59	2.15
2019/12/09 00:15	1.22	31.46	2.08
2019/12/09 00:30	1.15	26.61	1.92
2019/12/09 00:45	1.15	26.61	1.92
2019/12/09 01:00	1.15	27.66	2.00
2019/12/09 01:15	1.15	27.66	2.00
2019/12/09 01:30	1.15	27.66	2.00
2019/12/09 01:45	1.15	27.66	2.00
2019/12/09 02:00	1.05	20.31	1.67
2019/12/09 02:15	1.04	19.67	1.64
2019/12/09 02:30	1.00	18.13	1.61
2019/12/09 02:45	1.01	18.50	1.61
2019/12/09 03:00	1.00	17.15	1.52
2019/12/09 03:15	1.00	16.57	1.47
2019/12/09 03:30	0.98	16.10	1.46
2019/12/09 03:45	1.00	16.57	1.47
2019/12/09 04:00	0.98	16.81	1.52
2019/12/09 04:15	0.98	16.20	1.47

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/09 04:30	0.98	16.54	1.50
2019/12/09 04:45	1.01	18.15	1.58
2019/12/09 05:00	1.01	18.15	1.58
2019/12/09 05:15	1.04	19.91	1.66
2019/12/09 05:30	1.04	20.23	1.69
2019/12/09 05:45	1.04	20.23	1.69
2019/12/09 06:00	1.08	21.52	1.70
2019/12/09 06:15	1.08	21.29	1.68
2019/12/09 06:30	1.09	21.93	1.70
2019/12/09 06:45	1.12	24.21	1.81
2019/12/09 07:00	1.15	26.46	1.91
2019/12/09 07:15	1.25	31.36	2.01
2019/12/09 07:30	1.34	36.22	2.08
2019/12/09 07:45	1.34	37.10	2.13
2019/12/09 08:00	1.25	32.50	2.08
2019/12/09 08:15	1.19	29.35	2.01
2019/12/09 08:30	1.19	26.41	1.81
2019/12/09 08:45	1.19	21.49	1.47
2019/12/09 09:00	1.19	17.51	1.20



Confidential Proprietary Information

DRC Engineering

MH at ~18605 S. Western Av

Gardena, CA 90248

2019.11 S Western MH

MH # unknown

Access:

MH in SB brow ditch at 186th St, NE of address

System Type:

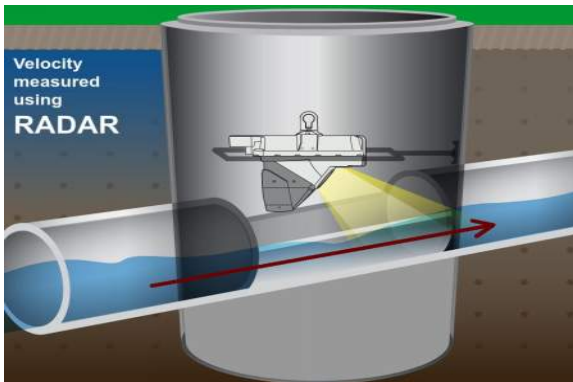
Sanitary Storm

Install Date: 11/21/2019

Map



Technology



Sewer Plan



Flow Meter

Meter Depth: 87.5"

MH Coordinates: 33.861974, -118.309286

Slow to moderate open channel hydraulics with some turbulence due to inflow from lateral

Avg Velocity	Avg Measured Level	Multiplier
0.5 fps	1.33"	1.0

Gas

O2	H2S	CO	LEL
20.9	0	0	0

Notes

Two inlets from west & south; monitored downstream line to get total flow.

Traffic Safety

No formal TCP required; used cones & signs per site-specific CA MUTCD TC requirements.

Land Use

Residential	Commercial	Industrial	Trunk
	X		

Manhole Depth	99.5"
Monitored Pipe Size	8"
Inner Pipe Size (In/Out)	8"/8"
Pipe Shape	Round
Pipe Condition	Good
Manhole Material	Brick
Silt	0
Velocity Profile Data	*
Velocity Profile Taken	0.4 2-D
Sensor Offset	12.08"
Sensor Dist. to Crown	4.08"
Sensor Direction	Downstream
Flow Heading	North

Temporary Flow Study

DRC Engineering
2019.11 S Western MH

Meter Start Date		From	11/21/2019
Meter Stop Date		To	12/9/2019
Velocity (fps)		Level (in)	Flow (mgd)
Average	0.555	1.293	0.014
Maximum	1.640	2.360	0.082
Minimum	0.230	0.800	0.003
Pipe Size		8.000	
Estimated Capacity (mgd)		Not Calculated	
Capacity Used		Not Calculated	
Sensor Type		Hach - Flodar	

Utility Systems, Science and Software

9314 Bond Av, Suite A
El Cajon, CA 92021

601 N. Parkcenter Drive Suite 209
Santa Ana, CA 92705





Meter Site Document

2019.11 S Western MH

MH at ~18605 S. Western Av

Gardena, CA 90248

Site



Manhole Before Install



Installation Process



Installed



Downstream Pipe Size



Downstream





Utility Systems Science and Software

Report Date: 12/09/2019
 Customer: DRC Engineering
 Group: Commercial Center Proj
 Site: 2019.11 S Western MH

Statistics for 2019.11 S Western MH: 11/21/2019 thru 12/09/2019

Date	Flow (GPM)			Flow (MGD)			Velocity (FPS)			Level (inches)			Total Gal	Rain
	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		
11/21/19	10.01	22.80	3.84	0.01	0.03	0.01	0.57	1.03	0.29	1.33	1.59	1.12	14,418	
11/22/19	8.58	18.16	2.40	0.01	0.03	0.00	0.54	0.93	0.23	1.24	1.51	0.94	12,357	
11/23/19	9.68	20.19	5.76	0.01	0.03	0.01	0.60	0.99	0.34	1.28	1.57	0.97	13,944	
11/24/19	7.57	20.43	3.33	0.01	0.03	0.00	0.47	0.92	0.26	1.24	1.59	0.80	10,905	
Week:	8.96	22.80	2.40	0.01	0.03	0.00	0.55	1.03	0.23	1.27	1.59	0.80	51,624	
11/25/19	6.75	14.26	2.71	0.01	0.02	0.00	0.40	0.60	0.26	1.28	1.66	0.96	9,726	
11/26/19	8.96	17.08	3.95	0.01	0.02	0.01	0.49	0.92	0.30	1.38	2.07	1.11	12,897	
11/27/19	11.08	27.34	3.44	0.02	0.04	0.00	0.62	0.98	0.27	1.35	1.87	1.01	15,962	
11/28/19	16.09	56.64	6.88	0.02	0.08	0.01	0.83	1.64	0.54	1.37	2.18	0.98	23,170	
11/29/19	10.17	16.47	3.10	0.01	0.02	0.00	0.61	0.87	0.26	1.29	1.50	0.96	14,642	
11/30/19	8.08	14.60	5.34	0.01	0.02	0.01	0.54	0.76	0.34	1.23	1.54	1.00	11,639	
12/1/19	6.99	17.83	2.53	0.01	0.03	0.00	0.46	0.89	0.23	1.20	1.57	0.93	10,059	
Week:	9.73	56.64	2.53	0.01	0.08	0.00	0.57	1.64	0.23	1.30	2.18	0.93	98,095	
12/2/19	8.58	15.49	2.79	0.01	0.02	0.00	0.57	0.84	0.26	1.23	1.55	0.91	12,350	
12/3/19	7.62	12.06	2.79	0.01	0.02	0.00	0.51	0.84	0.26	1.21	1.58	0.94	10,975	
12/4/19	15.35	43.51	3.80	0.02	0.06	0.01	0.74	1.27	0.28	1.42	2.36	0.94	22,104	
12/5/19	7.16	15.54	3.47	0.01	0.02	0.00	0.44	1.00	0.25	1.26	1.55	1.01	10,306	

	Flow (GPM)			Flow (MGD)			Velocity (FPS)			Level (inches)				
Date	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Total Gal	Rain
12/6/19	7.73	16.81	3.05	0.01	0.02	0.00	0.45	0.91	0.25	1.31	1.61	1.05	11,130	
12/7/19	8.80	17.49	4.05	0.01	0.03	0.01	0.56	0.92	0.30	1.25	1.50	0.96	12,679	
12/8/19	11.28	29.02	3.60	0.02	0.04	0.01	0.57	0.95	0.29	1.42	2.01	0.97	16,245	
Week:	9.50	43.51	2.79	0.01	0.06	0.00	0.55	1.27	0.25	1.30	2.36	0.91	95,788	
12/9/19	11.87	19.38	8.90	0.02	0.03	0.01	0.62	0.86	0.50	1.43	1.62	1.34	17,097	
Week:	11.87	19.38	8.90	0.02	0.03	0.01	0.62	0.86	0.50	1.43	1.62	1.34	17,097	
Totals:	9.60	56.64	2.40	0.01	0.08	0.00	0.56	1.64	0.23	1.30	2.36	0.80	262,605	



Data for 2019.11 S Western MH: 11/21/2019 thru 12/09/2019

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/21 11:30	1.54	19.71	0.93
2019/11/21 11:45	1.33	12.28	0.72
2019/11/21 12:00	1.59	22.80	1.03
2019/11/21 12:15	1.47	10.82	0.55
2019/11/21 12:30	1.54	18.39	0.87
2019/11/21 12:45	1.50	15.88	0.78
2019/11/21 13:00	1.50	15.88	0.78
2019/11/21 13:15	1.48	15.67	0.78
2019/11/21 13:30	1.48	15.67	0.78
2019/11/21 13:45	1.28	6.04	0.38
2019/11/21 14:00	1.23	5.76	0.38
2019/11/21 14:15	1.23	5.76	0.38
2019/11/21 14:30	1.23	5.76	0.38
2019/11/21 14:45	1.30	8.61	0.52
2019/11/21 15:00	1.51	10.67	0.52
2019/11/21 15:15	1.51	12.71	0.62
2019/11/21 15:30	1.51	15.37	0.75
2019/11/21 15:45	1.43	14.08	0.74
2019/11/21 16:00	1.43	14.17	0.75
2019/11/21 16:15	1.36	13.19	0.75
2019/11/21 16:30	1.36	13.11	0.74
2019/11/21 16:45	1.43	12.58	0.66
2019/11/21 17:00	1.29	10.00	0.61
2019/11/21 17:15	1.29	8.61	0.53
2019/11/21 17:30	1.29	8.61	0.53
2019/11/21 17:45	1.28	8.03	0.50
2019/11/21 18:00	1.21	7.81	0.53
2019/11/21 18:15	1.28	8.03	0.50
2019/11/21 18:30	1.21	7.41	0.50
2019/11/21 18:45	1.21	7.41	0.50
2019/11/21 19:00	1.25	9.25	0.59
2019/11/21 19:15	1.25	6.47	0.42
2019/11/21 19:30	1.25	6.69	0.43
2019/11/21 19:45	1.25	11.25	0.72
2019/11/21 20:00	1.25	11.25	0.72
2019/11/21 20:15	1.28	6.90	0.43
2019/11/21 20:30	1.28	6.90	0.43
2019/11/21 20:45	1.25	6.61	0.42
2019/11/21 21:00	1.39	7.70	0.42

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/21 21:15	1.25	6.52	0.42
2019/11/21 21:30	1.25	6.61	0.42
2019/11/21 21:45	1.32	8.82	0.52
2019/11/21 22:00	1.32	8.82	0.52
2019/11/21 22:15	1.32	8.82	0.52
2019/11/21 22:30	1.32	8.82	0.52
2019/11/21 22:45	1.30	8.59	0.52
2019/11/21 23:00	1.15	5.88	0.42
2019/11/21 23:15	1.12	5.67	0.42
2019/11/21 23:30	1.12	4.37	0.33
2019/11/21 23:45	1.12	3.84	0.29
2019/11/22 00:00	1.08	3.73	0.29
2019/11/22 00:15	1.07	3.66	0.29
2019/11/22 00:30	1.00	3.11	0.28
2019/11/22 00:45	1.00	3.09	0.27
2019/11/22 01:00	1.00	3.08	0.27
2019/11/22 01:15	0.96	2.78	0.26
2019/11/22 01:30	0.96	2.78	0.26
2019/11/22 01:45	0.96	2.78	0.26
2019/11/22 02:00	1.00	2.99	0.27
2019/11/22 02:15	1.00	2.99	0.27
2019/11/22 02:30	1.00	2.99	0.27
2019/11/22 02:45	0.98	2.68	0.24
2019/11/22 03:00	0.97	2.57	0.24
2019/11/22 03:15	0.94	2.40	0.23
2019/11/22 03:30	0.94	2.40	0.23
2019/11/22 03:45	0.94	2.40	0.23
2019/11/22 04:00	0.94	8.54	0.82
2019/11/22 04:15	0.96	8.82	0.83
2019/11/22 04:30	1.00	9.90	0.88
2019/11/22 04:45	1.00	9.90	0.88
2019/11/22 05:00	1.05	11.33	0.93
2019/11/22 05:15	1.09	11.99	0.93
2019/11/22 05:30	1.05	10.71	0.88
2019/11/22 05:45	1.05	11.07	0.91
2019/11/22 06:00	1.03	10.20	0.87
2019/11/22 06:15	1.03	9.88	0.84
2019/11/22 06:30	1.03	10.20	0.87
2019/11/22 06:45	1.03	10.20	0.87
2019/11/22 07:00	1.04	10.07	0.84
2019/11/22 07:15	1.15	4.00	0.29
2019/11/22 07:30	1.15	3.96	0.29
2019/11/22 07:45	1.15	3.96	0.29
2019/11/22 08:00	1.14	3.89	0.29
2019/11/22 08:15	1.14	4.28	0.31

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/22 08:30	1.14	5.47	0.40
2019/11/22 08:45	1.34	6.97	0.40
2019/11/22 09:00	1.34	6.97	0.40
2019/11/22 09:15	1.40	8.35	0.45
2019/11/22 09:30	1.40	7.00	0.38
2019/11/22 09:45	1.34	6.60	0.38
2019/11/22 10:00	1.34	7.88	0.45
2019/11/22 10:15	1.34	7.88	0.45
2019/11/22 10:30	1.34	10.50	0.60
2019/11/22 10:45	1.34	10.50	0.60
2019/11/22 11:00	1.30	9.98	0.60
2019/11/22 11:15	1.30	8.74	0.53
2019/11/22 11:30	1.39	10.92	0.60
2019/11/22 11:45	1.30	9.98	0.60
2019/11/22 12:00	1.32	10.14	0.60
2019/11/22 12:15	1.47	13.65	0.69
2019/11/22 12:30	1.47	13.65	0.69
2019/11/22 12:45	1.48	13.84	0.69
2019/11/22 13:00	1.51	15.40	0.75
2019/11/22 13:15	1.51	15.40	0.75
2019/11/22 13:30	1.48	17.11	0.85
2019/11/22 13:45	1.51	18.16	0.88
2019/11/22 14:00	1.51	17.57	0.85
2019/11/22 14:15	1.47	9.46	0.48
2019/11/22 14:30	1.47	10.61	0.54
2019/11/22 14:45	1.51	10.16	0.49
2019/11/22 15:00	1.47	9.07	0.46
2019/11/22 15:15	1.43	8.70	0.46
2019/11/22 15:30	1.40	8.46	0.46
2019/11/22 15:45	1.37	8.22	0.46
2019/11/22 16:00	1.33	7.52	0.44
2019/11/22 16:15	1.30	7.30	0.44
2019/11/22 16:30	1.33	7.52	0.44
2019/11/22 16:45	1.19	6.41	0.44
2019/11/22 17:00	1.19	6.41	0.44
2019/11/22 17:15	1.34	9.39	0.54
2019/11/22 17:30	1.34	9.39	0.54
2019/11/22 17:45	1.44	10.38	0.54
2019/11/22 18:00	1.44	10.38	0.54
2019/11/22 18:15	1.34	5.97	0.34
2019/11/22 18:30	1.34	5.97	0.34
2019/11/22 18:45	1.23	5.27	0.34
2019/11/22 19:00	1.21	5.12	0.34
2019/11/22 19:15	1.19	5.97	0.41
2019/11/22 19:30	1.19	6.32	0.43

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/22 19:45	1.19	6.28	0.43
2019/11/22 20:00	1.37	9.45	0.53
2019/11/22 20:15	1.37	9.45	0.53
2019/11/22 20:30	1.37	9.45	0.53
2019/11/22 20:45	1.41	9.86	0.53
2019/11/22 21:00	1.46	13.65	0.70
2019/11/22 21:15	1.23	10.74	0.70
2019/11/22 21:30	1.26	13.90	0.88
2019/11/22 21:45	1.30	11.63	0.70
2019/11/22 22:00	1.30	14.57	0.88
2019/11/22 22:15	1.30	10.79	0.65
2019/11/22 22:30	1.30	14.57	0.88
2019/11/22 22:45	1.41	14.60	0.78
2019/11/22 23:00	1.41	14.60	0.78
2019/11/22 23:15	1.41	12.60	0.67
2019/11/22 23:30	1.32	11.37	0.67
2019/11/22 23:45	1.23	10.35	0.67
2019/11/23 00:00	1.18	8.43	0.59
2019/11/23 00:15	1.18	7.77	0.54
2019/11/23 00:30	1.00	6.10	0.54
2019/11/23 00:45	1.00	5.95	0.53
2019/11/23 01:00	1.00	5.95	0.53
2019/11/23 01:15	1.00	5.95	0.53
2019/11/23 01:30	1.00	6.36	0.56
2019/11/23 01:45	1.00	6.17	0.55
2019/11/23 02:00	1.00	6.34	0.56
2019/11/23 02:15	1.00	6.17	0.55
2019/11/23 02:30	1.00	6.17	0.55
2019/11/23 02:45	1.00	6.17	0.55
2019/11/23 03:00	1.00	6.34	0.56
2019/11/23 03:15	0.98	6.85	0.62
2019/11/23 03:30	0.98	7.06	0.64
2019/11/23 03:45	0.98	8.00	0.72
2019/11/23 04:00	0.97	7.93	0.73
2019/11/23 04:15	0.98	8.10	0.73
2019/11/23 04:30	1.00	8.27	0.73
2019/11/23 04:45	1.19	10.73	0.74
2019/11/23 05:00	1.19	10.71	0.73
2019/11/23 05:15	1.19	10.71	0.73
2019/11/23 05:30	1.05	9.13	0.75
2019/11/23 05:45	1.03	8.61	0.73
2019/11/23 06:00	0.98	8.10	0.73
2019/11/23 06:15	0.98	8.10	0.73
2019/11/23 06:30	0.98	8.30	0.75
2019/11/23 06:45	0.98	7.97	0.72

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/23 07:00	1.00	7.96	0.71
2019/11/23 07:15	1.07	8.78	0.71
2019/11/23 07:30	1.15	9.67	0.70
2019/11/23 07:45	1.32	11.76	0.70
2019/11/23 08:00	1.32	12.27	0.73
2019/11/23 08:15	1.32	12.27	0.73
2019/11/23 08:30	1.32	7.67	0.45
2019/11/23 08:45	1.32	7.15	0.42
2019/11/23 09:00	1.32	5.76	0.34
2019/11/23 09:15	1.40	6.30	0.34
2019/11/23 09:30	1.44	8.15	0.42
2019/11/23 09:45	1.53	8.96	0.43
2019/11/23 10:00	1.55	20.19	0.94
2019/11/23 10:15	1.55	20.19	0.94
2019/11/23 10:30	1.53	19.67	0.94
2019/11/23 10:45	1.39	12.11	0.67
2019/11/23 11:00	1.39	12.11	0.67
2019/11/23 11:15	1.32	6.10	0.36
2019/11/23 11:30	1.36	6.35	0.36
2019/11/23 11:45	1.36	6.35	0.36
2019/11/23 12:00	1.44	7.68	0.40
2019/11/23 12:15	1.41	7.13	0.38
2019/11/23 12:30	1.41	7.13	0.38
2019/11/23 12:45	1.41	7.47	0.40
2019/11/23 13:00	1.41	7.47	0.40
2019/11/23 13:15	1.37	17.18	0.96
2019/11/23 13:30	1.33	16.90	0.99
2019/11/23 13:45	1.33	16.90	0.99
2019/11/23 14:00	1.30	16.39	0.99
2019/11/23 14:15	1.30	15.96	0.96
2019/11/23 14:30	1.30	6.99	0.42
2019/11/23 14:45	1.44	8.09	0.42
2019/11/23 15:00	1.37	7.54	0.42
2019/11/23 15:15	1.40	8.99	0.49
2019/11/23 15:30	1.40	8.99	0.49
2019/11/23 15:45	1.46	11.27	0.58
2019/11/23 16:00	1.46	9.51	0.49
2019/11/23 16:15	1.51	10.04	0.49
2019/11/23 16:30	1.51	14.46	0.70
2019/11/23 16:45	1.46	13.70	0.70
2019/11/23 17:00	1.46	13.76	0.71
2019/11/23 17:15	1.37	12.64	0.71
2019/11/23 17:30	1.37	11.99	0.67
2019/11/23 17:45	1.46	7.11	0.36
2019/11/23 18:00	1.46	7.11	0.36

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/23 18:15	1.33	5.83	0.34
2019/11/23 18:30	1.54	7.18	0.34
2019/11/23 18:45	1.43	6.68	0.35
2019/11/23 19:00	1.33	6.03	0.35
2019/11/23 19:15	1.40	8.40	0.46
2019/11/23 19:30	1.40	13.60	0.74
2019/11/23 19:45	1.30	15.05	0.91
2019/11/23 20:00	1.26	14.36	0.91
2019/11/23 20:15	1.26	14.36	0.91
2019/11/23 20:30	1.26	10.20	0.64
2019/11/23 20:45	1.30	8.82	0.53
2019/11/23 21:00	1.28	8.55	0.53
2019/11/23 21:15	1.40	9.95	0.54
2019/11/23 21:30	1.57	13.94	0.64
2019/11/23 21:45	1.48	10.81	0.54
2019/11/23 22:00	1.51	11.92	0.58
2019/11/23 22:15	1.51	11.92	0.58
2019/11/23 22:30	1.48	9.81	0.49
2019/11/23 22:45	1.48	9.81	0.49
2019/11/23 23:00	1.44	9.03	0.47
2019/11/23 23:15	1.33	8.05	0.47
2019/11/23 23:30	1.33	10.16	0.59
2019/11/23 23:45	1.36	10.47	0.59
2019/11/24 00:00	1.29	7.68	0.47
2019/11/24 00:15	1.29	9.53	0.58
2019/11/24 00:30	1.16	8.22	0.58
2019/11/24 00:45	1.15	7.80	0.56
2019/11/24 01:00	1.14	7.67	0.56
2019/11/24 01:15	1.14	7.94	0.58
2019/11/24 01:30	1.14	7.67	0.56
2019/11/24 01:45	1.12	4.35	0.33
2019/11/24 02:00	1.12	4.31	0.32
2019/11/24 02:15	1.14	4.38	0.32
2019/11/24 02:30	1.12	4.25	0.32
2019/11/24 02:45	1.11	4.03	0.31
2019/11/24 03:00	1.11	3.87	0.29
2019/11/24 03:15	1.11	3.87	0.29
2019/11/24 03:30	1.11	3.87	0.29
2019/11/24 03:45	1.11	5.71	0.43
2019/11/24 04:00	1.12	5.82	0.43
2019/11/24 04:15	1.12	5.82	0.43
2019/11/24 04:30	1.09	5.61	0.43
2019/11/24 04:45	1.07	5.40	0.43
2019/11/24 05:00	1.03	4.78	0.41
2019/11/24 05:15	1.03	5.10	0.43

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/24 05:30	1.03	4.78	0.41
2019/11/24 05:45	0.87	3.76	0.41
2019/11/24 06:00	0.87	3.76	0.41
2019/11/24 06:15	0.87	3.76	0.41
2019/11/24 06:30	0.80	3.33	0.41
2019/11/24 06:45	0.87	4.03	0.43
2019/11/24 07:00	0.87	4.24	0.46
2019/11/24 07:15	1.07	5.44	0.44
2019/11/24 07:30	1.09	5.65	0.44
2019/11/24 07:45	1.14	6.46	0.47
2019/11/24 08:00	1.14	6.07	0.45
2019/11/24 08:15	1.14	5.96	0.44
2019/11/24 08:30	1.16	6.28	0.45
2019/11/24 08:45	1.30	7.40	0.45
2019/11/24 09:00	1.33	7.63	0.45
2019/11/24 09:15	1.33	7.42	0.43
2019/11/24 09:30	1.40	7.98	0.43
2019/11/24 09:45	1.40	7.98	0.43
2019/11/24 10:00	1.40	8.21	0.45
2019/11/24 10:15	1.40	8.21	0.45
2019/11/24 10:30	1.40	8.21	0.45
2019/11/24 10:45	1.40	8.26	0.45
2019/11/24 11:00	1.44	10.15	0.53
2019/11/24 11:15	1.57	11.43	0.53
2019/11/24 11:30	1.57	11.33	0.52
2019/11/24 11:45	1.57	11.43	0.53
2019/11/24 12:00	1.57	11.46	0.53
2019/11/24 12:15	1.47	10.34	0.52
2019/11/24 12:30	1.47	10.34	0.52
2019/11/24 12:45	1.47	8.08	0.41
2019/11/24 13:00	1.30	6.06	0.36
2019/11/24 13:15	1.16	4.24	0.30
2019/11/24 13:30	1.25	4.45	0.29
2019/11/24 13:45	1.15	3.62	0.26
2019/11/24 14:00	1.25	4.45	0.29
2019/11/24 14:15	1.25	4.45	0.29
2019/11/24 14:30	1.25	4.64	0.30
2019/11/24 14:45	1.32	6.10	0.36
2019/11/24 15:00	1.39	7.12	0.39
2019/11/24 15:15	1.39	7.12	0.39
2019/11/24 15:30	1.39	6.57	0.36
2019/11/24 15:45	1.39	7.12	0.39
2019/11/24 16:00	1.37	8.03	0.45
2019/11/24 16:15	1.37	8.03	0.45
2019/11/24 16:30	1.37	8.03	0.45

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/24 16:45	1.39	8.48	0.47
2019/11/24 17:00	1.59	18.63	0.84
2019/11/24 17:15	1.59	20.06	0.90
2019/11/24 17:30	1.59	20.43	0.92
2019/11/24 17:45	1.28	14.81	0.92
2019/11/24 18:00	1.26	14.31	0.90
2019/11/24 18:15	1.26	11.60	0.73
2019/11/24 18:30	1.25	8.37	0.54
2019/11/24 18:45	1.25	8.37	0.54
2019/11/24 19:00	1.23	7.82	0.51
2019/11/24 19:15	1.25	7.95	0.51
2019/11/24 19:30	1.25	7.95	0.51
2019/11/24 19:45	1.29	7.88	0.48
2019/11/24 20:00	1.29	6.89	0.42
2019/11/24 20:15	1.29	7.88	0.48
2019/11/24 20:30	1.29	7.88	0.48
2019/11/24 20:45	1.29	6.96	0.43
2019/11/24 21:00	1.29	6.96	0.43
2019/11/24 21:15	1.29	9.95	0.61
2019/11/24 21:30	1.29	6.96	0.43
2019/11/24 21:45	1.41	14.20	0.76
2019/11/24 22:00	1.43	14.40	0.76
2019/11/24 22:15	1.41	11.12	0.60
2019/11/24 22:30	1.23	7.47	0.49
2019/11/24 22:45	1.22	7.41	0.49
2019/11/24 23:00	1.16	6.87	0.49
2019/11/24 23:15	1.12	6.39	0.48
2019/11/24 23:30	1.08	5.82	0.46
2019/11/24 23:45	1.12	6.14	0.46
2019/11/25 00:00	1.11	5.45	0.42
2019/11/25 00:15	1.08	4.62	0.36
2019/11/25 00:30	1.08	4.50	0.36
2019/11/25 00:45	1.08	4.50	0.36
2019/11/25 01:00	1.03	4.17	0.36
2019/11/25 01:15	0.98	3.92	0.36
2019/11/25 01:30	0.98	3.96	0.36
2019/11/25 01:45	0.97	3.88	0.36
2019/11/25 02:00	0.97	3.88	0.36
2019/11/25 02:15	0.98	3.82	0.35
2019/11/25 02:30	0.98	3.38	0.31
2019/11/25 02:45	0.98	2.83	0.26
2019/11/25 03:00	0.98	2.83	0.26
2019/11/25 03:15	0.96	2.71	0.26
2019/11/25 03:30	0.96	2.79	0.26
2019/11/25 03:45	0.96	2.79	0.26

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/25 04:00	0.98	2.98	0.27
2019/11/25 04:15	0.98	2.98	0.27
2019/11/25 04:30	1.16	4.61	0.33
2019/11/25 04:45	1.09	3.90	0.30
2019/11/25 05:00	1.09	3.90	0.30
2019/11/25 05:15	1.18	4.66	0.33
2019/11/25 05:30	1.18	4.66	0.33
2019/11/25 05:45	1.16	4.58	0.33
2019/11/25 06:00	1.18	6.22	0.43
2019/11/25 06:15	1.18	6.22	0.43
2019/11/25 06:30	1.16	6.11	0.43
2019/11/25 06:45	1.16	5.36	0.38
2019/11/25 07:00	1.18	5.45	0.38
2019/11/25 07:15	1.18	5.45	0.38
2019/11/25 07:30	1.18	6.02	0.42
2019/11/25 07:45	1.18	6.20	0.43
2019/11/25 08:00	1.18	6.55	0.46
2019/11/25 08:15	1.28	7.34	0.46
2019/11/25 08:30	1.22	6.40	0.42
2019/11/25 08:45	1.28	6.83	0.42
2019/11/25 09:00	1.29	6.94	0.42
2019/11/25 09:15	1.37	7.59	0.42
2019/11/25 09:30	1.43	8.10	0.43
2019/11/25 09:45	1.43	8.91	0.47
2019/11/25 10:00	1.44	9.76	0.51
2019/11/25 10:15	1.43	10.35	0.55
2019/11/25 10:30	1.40	10.06	0.55
2019/11/25 10:45	1.40	9.36	0.51
2019/11/25 11:00	1.40	7.95	0.43
2019/11/25 11:15	1.32	7.28	0.43
2019/11/25 11:30	1.32	7.28	0.43
2019/11/25 11:45	1.57	9.22	0.43
2019/11/25 12:00	1.57	10.47	0.48
2019/11/25 12:15	1.62	11.01	0.48
2019/11/25 12:30	1.62	11.01	0.48
2019/11/25 12:45	1.66	11.52	0.49
2019/11/25 13:00	1.66	14.26	0.60
2019/11/25 13:15	1.44	10.15	0.53
2019/11/25 13:30	1.44	10.15	0.53
2019/11/25 13:45	1.55	11.29	0.53
2019/11/25 14:00	1.44	10.15	0.53
2019/11/25 14:15	1.36	8.07	0.46
2019/11/25 14:30	1.51	9.41	0.46
2019/11/25 14:45	1.36	8.50	0.48
2019/11/25 15:00	1.33	7.84	0.46

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/25 15:15	1.22	5.53	0.37
2019/11/25 15:30	1.33	8.25	0.48
2019/11/25 15:45	1.33	5.85	0.34
2019/11/25 16:00	1.40	6.30	0.34
2019/11/25 16:15	1.41	6.44	0.34
2019/11/25 16:30	1.44	8.27	0.43
2019/11/25 16:45	1.41	7.44	0.40
2019/11/25 17:00	1.41	7.47	0.40
2019/11/25 17:15	1.39	7.81	0.43
2019/11/25 17:30	1.37	8.36	0.47
2019/11/25 17:45	1.36	7.16	0.41
2019/11/25 18:00	1.36	7.16	0.41
2019/11/25 18:15	1.36	8.23	0.47
2019/11/25 18:30	1.32	6.84	0.41
2019/11/25 18:45	1.25	6.21	0.40
2019/11/25 19:00	1.32	6.72	0.40
2019/11/25 19:15	1.36	7.40	0.42
2019/11/25 19:30	1.39	7.23	0.40
2019/11/25 19:45	1.39	6.59	0.36
2019/11/25 20:00	1.47	8.29	0.42
2019/11/25 20:15	1.39	6.59	0.36
2019/11/25 20:30	1.44	6.98	0.36
2019/11/25 20:45	1.36	6.00	0.34
2019/11/25 21:00	1.44	7.15	0.37
2019/11/25 21:15	1.44	7.15	0.37
2019/11/25 21:30	1.44	8.47	0.44
2019/11/25 21:45	1.44	8.47	0.44
2019/11/25 22:00	1.47	8.77	0.44
2019/11/25 22:15	1.44	8.53	0.44
2019/11/25 22:30	1.43	8.15	0.43
2019/11/25 22:45	1.14	5.20	0.38
2019/11/25 23:00	1.12	5.10	0.38
2019/11/25 23:15	1.11	5.01	0.38
2019/11/25 23:30	1.11	5.05	0.38
2019/11/25 23:45	1.11	5.11	0.39
2019/11/26 00:00	1.11	5.15	0.39
2019/11/26 00:15	1.21	6.64	0.45
2019/11/26 00:30	1.21	9.17	0.62
2019/11/26 00:45	1.21	9.17	0.62
2019/11/26 01:00	1.21	9.17	0.62
2019/11/26 01:15	1.12	7.12	0.53
2019/11/26 01:30	1.12	7.12	0.53
2019/11/26 01:45	1.15	7.38	0.53
2019/11/26 02:00	1.16	7.51	0.53
2019/11/26 02:15	1.15	7.42	0.54

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/26 02:30	1.15	7.42	0.54
2019/11/26 02:45	1.14	5.78	0.42
2019/11/26 03:00	1.12	4.10	0.31
2019/11/26 03:15	1.11	4.01	0.31
2019/11/26 03:30	1.11	3.95	0.30
2019/11/26 03:45	1.11	3.95	0.30
2019/11/26 04:00	1.12	4.02	0.30
2019/11/26 04:15	1.14	4.26	0.31
2019/11/26 04:30	1.15	4.40	0.32
2019/11/26 04:45	1.16	4.63	0.33
2019/11/26 05:00	1.16	4.73	0.34
2019/11/26 05:15	1.23	5.76	0.38
2019/11/26 05:30	1.21	6.73	0.45
2019/11/26 05:45	1.21	12.16	0.82
2019/11/26 06:00	1.18	13.23	0.92
2019/11/26 06:15	1.21	13.68	0.92
2019/11/26 06:30	1.21	13.68	0.92
2019/11/26 06:45	1.25	7.47	0.48
2019/11/26 07:00	1.39	8.51	0.47
2019/11/26 07:15	1.39	7.87	0.43
2019/11/26 07:30	1.39	8.51	0.47
2019/11/26 07:45	1.39	7.95	0.44
2019/11/26 08:00	1.39	5.65	0.31
2019/11/26 08:15	1.39	7.95	0.44
2019/11/26 08:30	1.68	10.49	0.44
2019/11/26 08:45	1.71	10.74	0.44
2019/11/26 09:00	1.71	10.74	0.44
2019/11/26 09:15	1.72	10.87	0.44
2019/11/26 09:30	1.72	11.58	0.47
2019/11/26 09:45	1.71	10.41	0.43
2019/11/26 10:00	1.69	10.06	0.42
2019/11/26 10:15	2.07	13.07	0.41
2019/11/26 10:30	2.07	13.07	0.41
2019/11/26 10:45	1.86	11.25	0.41
2019/11/26 11:00	1.86	12.05	0.44
2019/11/26 11:15	1.86	12.05	0.44
2019/11/26 11:30	1.50	10.22	0.50
2019/11/26 11:45	1.33	7.47	0.44
2019/11/26 12:00	1.33	8.62	0.50
2019/11/26 12:15	1.41	7.73	0.41
2019/11/26 12:30	1.41	9.32	0.50
2019/11/26 12:45	1.71	12.20	0.50
2019/11/26 13:00	1.71	15.48	0.63
2019/11/26 13:15	1.41	11.06	0.59
2019/11/26 13:30	1.61	13.31	0.59

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/26 13:45	1.33	10.14	0.59
2019/11/26 14:00	1.33	9.64	0.56
2019/11/26 14:15	1.33	7.86	0.46
2019/11/26 14:30	1.33	5.28	0.31
2019/11/26 14:45	1.26	4.88	0.31
2019/11/26 15:00	1.26	4.88	0.31
2019/11/26 15:15	1.26	5.20	0.33
2019/11/26 15:30	1.26	5.75	0.36
2019/11/26 15:45	1.26	5.75	0.36
2019/11/26 16:00	1.34	5.75	0.33
2019/11/26 16:15	1.34	5.75	0.33
2019/11/26 16:30	1.26	4.91	0.31
2019/11/26 16:45	1.23	4.75	0.31
2019/11/26 17:00	1.26	5.25	0.33
2019/11/26 17:15	1.26	4.91	0.31
2019/11/26 17:30	1.32	5.27	0.31
2019/11/26 17:45	1.44	8.50	0.44
2019/11/26 18:00	1.54	10.40	0.49
2019/11/26 18:15	1.44	9.47	0.49
2019/11/26 18:30	1.44	9.47	0.49
2019/11/26 18:45	1.39	8.95	0.49
2019/11/26 19:00	1.39	10.47	0.58
2019/11/26 19:15	1.39	10.47	0.58
2019/11/26 19:30	1.41	14.60	0.78
2019/11/26 19:45	1.41	14.60	0.78
2019/11/26 20:00	1.43	14.80	0.78
2019/11/26 20:15	1.43	14.80	0.78
2019/11/26 20:30	1.43	10.50	0.55
2019/11/26 20:45	1.43	10.50	0.55
2019/11/26 21:00	1.43	14.05	0.74
2019/11/26 21:15	1.43	16.16	0.85
2019/11/26 21:30	1.37	15.27	0.85
2019/11/26 21:45	1.48	17.08	0.85
2019/11/26 22:00	1.48	17.08	0.85
2019/11/26 22:15	1.44	9.03	0.47
2019/11/26 22:30	1.36	7.80	0.44
2019/11/26 22:45	1.43	8.39	0.44
2019/11/26 23:00	1.39	8.15	0.45
2019/11/26 23:15	1.36	7.91	0.45
2019/11/26 23:30	1.36	8.72	0.49
2019/11/26 23:45	1.34	8.59	0.49
2019/11/27 00:00	1.34	8.59	0.49
2019/11/27 00:15	1.30	8.21	0.49
2019/11/27 00:30	1.29	8.08	0.49
2019/11/27 00:45	1.29	7.81	0.48

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/27 01:00	1.29	9.01	0.55
2019/11/27 01:15	1.29	9.01	0.55
2019/11/27 01:30	1.26	8.73	0.55
2019/11/27 01:45	1.19	5.03	0.34
2019/11/27 02:00	1.28	10.78	0.67
2019/11/27 02:15	1.19	5.03	0.34
2019/11/27 02:30	1.12	4.61	0.34
2019/11/27 02:45	1.12	7.06	0.53
2019/11/27 03:00	1.12	7.41	0.55
2019/11/27 03:15	1.09	6.97	0.54
2019/11/27 03:30	1.09	7.14	0.55
2019/11/27 03:45	1.09	7.58	0.59
2019/11/27 04:00	1.09	7.14	0.55
2019/11/27 04:15	1.09	6.97	0.54
2019/11/27 04:30	1.09	3.60	0.28
2019/11/27 04:45	1.09	3.44	0.27
2019/11/27 05:00	1.09	3.44	0.27
2019/11/27 05:15	1.08	3.54	0.28
2019/11/27 05:30	1.01	9.47	0.82
2019/11/27 05:45	1.03	9.66	0.82
2019/11/27 06:00	1.04	9.85	0.82
2019/11/27 06:15	1.04	9.85	0.82
2019/11/27 06:30	1.04	9.27	0.78
2019/11/27 06:45	1.04	9.27	0.78
2019/11/27 07:00	1.12	10.25	0.77
2019/11/27 07:15	1.14	10.43	0.77
2019/11/27 07:30	1.21	6.14	0.41
2019/11/27 07:45	1.21	5.68	0.38
2019/11/27 08:00	1.37	6.45	0.36
2019/11/27 08:15	1.37	6.45	0.36
2019/11/27 08:30	1.47	7.11	0.36
2019/11/27 08:45	1.47	7.11	0.36
2019/11/27 09:00	1.57	10.24	0.47
2019/11/27 09:15	1.58	16.66	0.76
2019/11/27 09:30	1.87	25.17	0.90
2019/11/27 09:45	1.87	25.59	0.92
2019/11/27 10:00	1.87	27.34	0.98
2019/11/27 10:15	1.82	24.52	0.92
2019/11/27 10:30	1.79	23.75	0.91
2019/11/27 10:45	1.59	20.16	0.91
2019/11/27 11:00	1.57	19.66	0.91
2019/11/27 11:15	1.50	18.42	0.91
2019/11/27 11:30	1.50	18.42	0.91
2019/11/27 11:45	1.41	15.28	0.82
2019/11/27 12:00	1.41	16.57	0.89

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/27 12:15	1.41	15.28	0.82
2019/11/27 12:30	1.41	15.28	0.82
2019/11/27 12:45	1.39	15.18	0.84
2019/11/27 13:00	1.39	15.79	0.87
2019/11/27 13:15	1.37	15.57	0.87
2019/11/27 13:30	1.34	15.11	0.87
2019/11/27 13:45	1.34	15.11	0.87
2019/11/27 14:00	1.30	13.66	0.82
2019/11/27 14:15	1.34	13.79	0.79
2019/11/27 14:30	1.36	13.38	0.76
2019/11/27 14:45	1.47	14.31	0.72
2019/11/27 15:00	1.51	12.89	0.63
2019/11/27 15:15	1.57	13.58	0.63
2019/11/27 15:30	1.51	12.52	0.61
2019/11/27 15:45	1.57	13.15	0.61
2019/11/27 16:00	1.57	9.18	0.42
2019/11/27 16:15	1.44	7.24	0.38
2019/11/27 16:30	1.44	7.24	0.38
2019/11/27 16:45	1.37	6.75	0.38
2019/11/27 17:00	1.28	7.20	0.45
2019/11/27 17:15	1.32	12.04	0.71
2019/11/27 17:30	1.28	11.49	0.71
2019/11/27 17:45	1.28	11.62	0.72
2019/11/27 18:00	1.28	11.49	0.71
2019/11/27 18:15	1.32	11.96	0.71
2019/11/27 18:30	1.26	9.02	0.57
2019/11/27 18:45	1.32	9.60	0.57
2019/11/27 19:00	1.32	9.60	0.57
2019/11/27 19:15	1.32	9.49	0.56
2019/11/27 19:30	1.51	12.92	0.63
2019/11/27 19:45	1.51	12.92	0.63
2019/11/27 20:00	1.51	12.74	0.62
2019/11/27 20:15	1.40	11.41	0.62
2019/11/27 20:30	1.41	11.58	0.62
2019/11/27 20:45	1.41	9.95	0.53
2019/11/27 21:00	1.53	10.11	0.49
2019/11/27 21:15	1.41	9.07	0.49
2019/11/27 21:30	1.44	8.85	0.46
2019/11/27 21:45	1.54	9.72	0.46
2019/11/27 22:00	1.44	8.85	0.46
2019/11/27 22:15	1.37	8.25	0.46
2019/11/27 22:30	1.34	8.01	0.46
2019/11/27 22:45	1.34	9.97	0.57
2019/11/27 23:00	1.34	9.97	0.57
2019/11/27 23:15	1.34	11.06	0.64

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/27 23:30	1.41	11.89	0.64
2019/11/27 23:45	1.41	10.38	0.56
2019/11/28 00:00	1.25	8.52	0.55
2019/11/28 00:15	1.18	7.84	0.55
2019/11/28 00:30	1.09	7.05	0.55
2019/11/28 00:45	1.09	7.22	0.56
2019/11/28 01:00	1.09	9.27	0.72
2019/11/28 01:15	1.16	10.40	0.74
2019/11/28 01:30	1.25	11.49	0.74
2019/11/28 01:45	1.25	11.49	0.74
2019/11/28 02:00	1.22	9.03	0.60
2019/11/28 02:15	1.22	8.36	0.55
2019/11/28 02:30	1.11	7.28	0.55
2019/11/28 02:45	1.07	6.88	0.55
2019/11/28 03:00	1.07	8.61	0.69
2019/11/28 03:15	1.07	8.72	0.70
2019/11/28 03:30	1.07	9.39	0.76
2019/11/28 03:45	1.07	9.39	0.76
2019/11/28 04:00	1.07	9.39	0.76
2019/11/28 04:15	1.07	9.20	0.74
2019/11/28 04:30	1.07	8.97	0.72
2019/11/28 04:45	1.07	8.97	0.72
2019/11/28 05:00	0.98	7.76	0.70
2019/11/28 05:15	0.98	7.76	0.70
2019/11/28 05:30	0.98	7.97	0.72
2019/11/28 05:45	1.22	10.94	0.72
2019/11/28 06:00	1.22	14.07	0.93
2019/11/28 06:15	1.26	15.28	0.96
2019/11/28 06:30	1.93	42.07	1.45
2019/11/28 06:45	1.98	43.79	1.45
2019/11/28 07:00	2.05	45.97	1.45
2019/11/28 07:15	2.09	53.62	1.64
2019/11/28 07:30	2.18	56.64	1.64
2019/11/28 07:45	2.18	46.57	1.35
2019/11/28 08:00	2.18	46.57	1.35
2019/11/28 08:15	2.00	39.42	1.29
2019/11/28 08:30	1.94	31.16	1.06
2019/11/28 08:45	1.86	27.77	1.01
2019/11/28 09:00	1.69	23.59	0.98
2019/11/28 09:15	1.59	20.50	0.92
2019/11/28 09:30	1.59	20.19	0.91
2019/11/28 09:45	1.46	17.51	0.90
2019/11/28 10:00	1.46	16.38	0.84
2019/11/28 10:15	1.46	16.38	0.84
2019/11/28 10:30	1.46	16.38	0.84

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/28 10:45	1.66	21.17	0.90
2019/11/28 11:00	1.66	21.17	0.90
2019/11/28 11:15	1.53	18.69	0.90
2019/11/28 11:30	1.53	19.36	0.93
2019/11/28 11:45	1.51	17.76	0.86
2019/11/28 12:00	1.50	17.37	0.86
2019/11/28 12:15	1.43	16.02	0.85
2019/11/28 12:30	1.43	16.02	0.85
2019/11/28 12:45	1.41	15.31	0.82
2019/11/28 13:00	1.34	14.24	0.82
2019/11/28 13:15	1.34	14.69	0.85
2019/11/28 13:30	1.36	12.68	0.72
2019/11/28 13:45	1.36	12.68	0.72
2019/11/28 14:00	1.37	13.41	0.75
2019/11/28 14:15	1.40	13.80	0.75
2019/11/28 14:30	1.40	13.72	0.74
2019/11/28 14:45	1.46	14.51	0.74
2019/11/28 15:00	1.46	14.51	0.74
2019/11/28 15:15	1.46	14.51	0.74
2019/11/28 15:30	1.32	13.69	0.81
2019/11/28 15:45	1.32	14.28	0.85
2019/11/28 16:00	1.32	14.28	0.85
2019/11/28 16:15	1.34	14.11	0.81
2019/11/28 16:30	1.37	15.21	0.85
2019/11/28 16:45	1.43	16.11	0.85
2019/11/28 17:00	1.57	18.40	0.85
2019/11/28 17:15	1.57	20.15	0.93
2019/11/28 17:30	1.57	20.15	0.93
2019/11/28 17:45	1.57	20.15	0.93
2019/11/28 18:00	1.37	14.77	0.83
2019/11/28 18:15	1.36	14.56	0.83
2019/11/28 18:30	1.34	14.21	0.82
2019/11/28 18:45	1.34	14.21	0.82
2019/11/28 19:00	1.21	12.14	0.82
2019/11/28 19:15	1.14	10.99	0.81
2019/11/28 19:30	1.12	10.80	0.81
2019/11/28 19:45	1.12	10.59	0.79
2019/11/28 20:00	1.14	11.06	0.81
2019/11/28 20:15	1.21	12.05	0.81
2019/11/28 20:30	1.25	12.66	0.81
2019/11/28 20:45	1.25	12.28	0.79
2019/11/28 21:00	1.25	8.49	0.54
2019/11/28 21:15	1.25	8.49	0.54
2019/11/28 21:30	1.18	7.82	0.54
2019/11/28 21:45	1.18	8.60	0.60

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/28 22:00	1.15	11.65	0.84
2019/11/28 22:15	1.18	12.06	0.84
2019/11/28 22:30	1.25	13.11	0.84
2019/11/28 22:45	1.25	10.33	0.66
2019/11/28 23:00	1.23	10.16	0.66
2019/11/28 23:15	1.25	10.21	0.65
2019/11/28 23:30	1.23	10.04	0.65
2019/11/28 23:45	1.19	9.53	0.65
2019/11/29 00:00	1.23	9.55	0.62
2019/11/29 00:15	1.29	9.85	0.60
2019/11/29 00:30	1.19	7.91	0.54
2019/11/29 00:45	1.29	8.53	0.52
2019/11/29 01:00	1.29	6.04	0.37
2019/11/29 01:15	1.28	8.40	0.52
2019/11/29 01:30	1.25	8.45	0.54
2019/11/29 01:45	1.25	8.73	0.56
2019/11/29 02:00	1.16	8.09	0.57
2019/11/29 02:15	1.15	7.95	0.57
2019/11/29 02:30	1.15	7.95	0.57
2019/11/29 02:45	1.11	7.98	0.61
2019/11/29 03:00	1.11	8.02	0.61
2019/11/29 03:15	1.11	8.12	0.62
2019/11/29 03:30	1.11	8.72	0.66
2019/11/29 03:45	1.00	6.96	0.62
2019/11/29 04:00	0.96	6.54	0.62
2019/11/29 04:15	0.96	7.03	0.66
2019/11/29 04:30	0.96	7.03	0.66
2019/11/29 04:45	1.16	8.61	0.61
2019/11/29 05:00	1.16	8.61	0.61
2019/11/29 05:15	1.16	3.66	0.26
2019/11/29 05:30	1.16	3.66	0.26
2019/11/29 05:45	1.04	3.10	0.26
2019/11/29 06:00	1.00	6.45	0.57
2019/11/29 06:15	1.00	6.69	0.59
2019/11/29 06:30	1.00	6.89	0.61
2019/11/29 06:45	1.00	8.28	0.74
2019/11/29 07:00	1.07	10.50	0.85
2019/11/29 07:15	1.19	12.34	0.85
2019/11/29 07:30	1.21	11.14	0.75
2019/11/29 07:45	1.26	11.89	0.75
2019/11/29 08:00	1.29	10.10	0.62
2019/11/29 08:15	1.30	9.78	0.59
2019/11/29 08:30	1.30	9.65	0.58
2019/11/29 08:45	1.46	11.47	0.59
2019/11/29 09:00	1.47	11.63	0.59

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/29 09:15	1.48	15.09	0.75
2019/11/29 09:30	1.47	15.55	0.79
2019/11/29 09:45	1.47	15.55	0.79
2019/11/29 10:00	1.41	14.14	0.76
2019/11/29 10:15	1.41	14.71	0.79
2019/11/29 10:30	1.41	14.14	0.76
2019/11/29 10:45	1.41	12.94	0.69
2019/11/29 11:00	1.43	11.86	0.63
2019/11/29 11:15	1.43	11.28	0.60
2019/11/29 11:30	1.43	10.81	0.57
2019/11/29 11:45	1.43	9.46	0.50
2019/11/29 12:00	1.23	6.62	0.43
2019/11/29 12:15	1.23	6.39	0.42
2019/11/29 12:30	1.32	7.02	0.42
2019/11/29 12:45	1.32	7.02	0.42
2019/11/29 13:00	1.33	7.13	0.42
2019/11/29 13:15	1.47	7.99	0.40
2019/11/29 13:30	1.47	8.35	0.42
2019/11/29 13:45	1.47	9.49	0.48
2019/11/29 14:00	1.32	9.70	0.58
2019/11/29 14:15	1.23	8.87	0.58
2019/11/29 14:30	1.16	8.16	0.58
2019/11/29 14:45	1.16	8.11	0.58
2019/11/29 15:00	1.16	8.11	0.58
2019/11/29 15:15	1.23	8.75	0.57
2019/11/29 15:30	1.23	8.59	0.56
2019/11/29 15:45	1.26	7.03	0.44
2019/11/29 16:00	1.33	7.60	0.44
2019/11/29 16:15	1.46	8.65	0.44
2019/11/29 16:30	1.46	10.70	0.55
2019/11/29 16:45	1.43	10.41	0.55
2019/11/29 17:00	1.33	10.47	0.61
2019/11/29 17:15	1.34	10.63	0.61
2019/11/29 17:30	1.32	14.69	0.87
2019/11/29 17:45	1.32	14.69	0.87
2019/11/29 18:00	1.32	14.74	0.87
2019/11/29 18:15	1.34	15.19	0.87
2019/11/29 18:30	1.34	12.01	0.69
2019/11/29 18:45	1.46	13.47	0.69
2019/11/29 19:00	1.46	13.50	0.69
2019/11/29 19:15	1.43	13.13	0.69
2019/11/29 19:30	1.34	12.46	0.72
2019/11/29 19:45	1.43	13.59	0.72
2019/11/29 20:00	1.41	12.94	0.69
2019/11/29 20:15	1.43	12.49	0.66

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/29 20:30	1.41	10.41	0.56
2019/11/29 20:45	1.41	10.41	0.56
2019/11/29 21:00	1.41	10.55	0.56
2019/11/29 21:15	1.41	12.32	0.66
2019/11/29 21:30	1.41	14.20	0.76
2019/11/29 21:45	1.41	14.20	0.76
2019/11/29 22:00	1.50	16.04	0.79
2019/11/29 22:15	1.50	16.47	0.81
2019/11/29 22:30	1.50	16.47	0.81
2019/11/29 22:45	1.50	13.40	0.66
2019/11/29 23:00	1.32	11.01	0.65
2019/11/29 23:15	1.32	10.96	0.65
2019/11/29 23:30	1.32	10.24	0.61
2019/11/29 23:45	1.19	8.86	0.61
2019/11/30 00:00	1.19	9.40	0.64
2019/11/30 00:15	1.15	8.06	0.58
2019/11/30 00:30	1.12	7.78	0.58
2019/11/30 00:45	1.12	7.78	0.58
2019/11/30 01:00	1.08	7.55	0.60
2019/11/30 01:15	1.08	7.55	0.60
2019/11/30 01:30	1.08	7.57	0.60
2019/11/30 01:45	1.08	7.55	0.60
2019/11/30 02:00	1.14	8.13	0.60
2019/11/30 02:15	1.14	7.98	0.59
2019/11/30 02:30	1.14	7.98	0.59
2019/11/30 02:45	1.14	7.98	0.59
2019/11/30 03:00	1.03	7.17	0.61
2019/11/30 03:15	1.03	7.17	0.61
2019/11/30 03:30	1.07	7.60	0.61
2019/11/30 03:45	1.01	6.95	0.60
2019/11/30 04:00	1.01	6.84	0.60
2019/11/30 04:15	1.01	6.84	0.60
2019/11/30 04:30	1.01	6.95	0.60
2019/11/30 04:45	1.01	6.98	0.61
2019/11/30 05:00	1.00	7.01	0.62
2019/11/30 05:15	1.01	7.16	0.62
2019/11/30 05:30	1.05	7.72	0.63
2019/11/30 05:45	1.05	8.39	0.69
2019/11/30 06:00	1.05	7.72	0.63
2019/11/30 06:15	1.05	7.40	0.61
2019/11/30 06:30	1.25	7.97	0.51
2019/11/30 06:45	1.23	7.84	0.51
2019/11/30 07:00	1.12	6.84	0.51
2019/11/30 07:15	1.16	8.72	0.62
2019/11/30 07:30	1.18	8.87	0.62

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/30 07:45	1.16	8.72	0.62
2019/11/30 08:00	1.16	7.60	0.54
2019/11/30 08:15	1.18	6.61	0.46
2019/11/30 08:30	1.18	5.36	0.37
2019/11/30 08:45	1.28	7.42	0.46
2019/11/30 09:00	1.47	9.10	0.46
2019/11/30 09:15	1.54	9.02	0.43
2019/11/30 09:30	1.54	9.02	0.43
2019/11/30 09:45	1.54	12.53	0.59
2019/11/30 10:00	1.26	9.07	0.57
2019/11/30 10:15	1.25	9.25	0.59
2019/11/30 10:30	1.25	9.25	0.59
2019/11/30 10:45	1.26	9.07	0.57
2019/11/30 11:00	1.26	6.91	0.44
2019/11/30 11:15	1.32	5.76	0.34
2019/11/30 11:30	1.32	5.71	0.34
2019/11/30 11:45	1.26	5.37	0.34
2019/11/30 12:00	1.26	5.37	0.34
2019/11/30 12:15	1.30	5.68	0.34
2019/11/30 12:30	1.30	5.80	0.35
2019/11/30 12:45	1.30	5.80	0.35
2019/11/30 13:00	1.30	6.16	0.37
2019/11/30 13:15	1.32	6.30	0.37
2019/11/30 13:30	1.32	6.30	0.37
2019/11/30 13:45	1.34	6.66	0.38
2019/11/30 14:00	1.41	7.16	0.38
2019/11/30 14:15	1.46	8.77	0.45
2019/11/30 14:30	1.46	8.77	0.45
2019/11/30 14:45	1.43	8.53	0.45
2019/11/30 15:00	1.41	8.41	0.45
2019/11/30 15:15	1.28	7.61	0.47
2019/11/30 15:30	1.21	7.45	0.50
2019/11/30 15:45	1.15	6.96	0.50
2019/11/30 16:00	1.15	6.56	0.47
2019/11/30 16:15	1.21	7.02	0.47
2019/11/30 16:30	1.28	8.65	0.54
2019/11/30 16:45	1.28	10.88	0.68
2019/11/30 17:00	1.28	10.88	0.68
2019/11/30 17:15	1.40	12.85	0.70
2019/11/30 17:30	1.19	10.18	0.70
2019/11/30 17:45	1.19	8.42	0.58
2019/11/30 18:00	1.26	9.04	0.57
2019/11/30 18:15	1.36	7.24	0.41
2019/11/30 18:30	1.26	5.34	0.34
2019/11/30 18:45	1.36	5.95	0.34

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/11/30 19:00	1.36	5.95	0.34
2019/11/30 19:15	1.36	7.45	0.42
2019/11/30 19:30	1.25	6.95	0.45
2019/11/30 19:45	1.37	8.82	0.49
2019/11/30 20:00	1.37	8.82	0.49
2019/11/30 20:15	1.25	6.95	0.45
2019/11/30 20:30	1.30	8.18	0.49
2019/11/30 20:45	1.30	9.65	0.58
2019/11/30 21:00	1.25	9.06	0.58
2019/11/30 21:15	1.21	8.86	0.60
2019/11/30 21:30	1.21	10.21	0.69
2019/11/30 21:45	1.21	10.28	0.69
2019/11/30 22:00	1.21	10.98	0.74
2019/11/30 22:15	1.21	11.12	0.75
2019/11/30 22:30	1.44	14.40	0.75
2019/11/30 22:45	1.44	14.60	0.76
2019/11/30 23:00	1.39	13.60	0.75
2019/11/30 23:15	1.16	7.81	0.55
2019/11/30 23:30	1.12	7.37	0.55
2019/11/30 23:45	1.07	6.88	0.55
2019/12/01 00:00	1.07	6.88	0.55
2019/12/01 00:15	1.07	6.90	0.56
2019/12/01 00:30	1.05	6.77	0.56
2019/12/01 00:45	0.97	6.00	0.56
2019/12/01 01:00	0.97	6.00	0.56
2019/12/01 01:15	0.94	5.85	0.56
2019/12/01 01:30	0.94	5.85	0.56
2019/12/01 01:45	0.94	5.85	0.56
2019/12/01 02:00	0.97	6.25	0.58
2019/12/01 02:15	0.97	6.25	0.58
2019/12/01 02:30	0.97	6.25	0.58
2019/12/01 02:45	0.97	6.25	0.58
2019/12/01 03:00	0.97	6.25	0.58
2019/12/01 03:15	0.97	6.25	0.58
2019/12/01 03:30	0.94	5.82	0.56
2019/12/01 03:45	0.93	2.53	0.25
2019/12/01 04:00	0.94	2.59	0.25
2019/12/01 04:15	0.94	2.59	0.25
2019/12/01 04:30	0.94	2.99	0.29
2019/12/01 04:45	1.05	3.31	0.27
2019/12/01 05:00	1.05	2.94	0.24
2019/12/01 05:15	1.05	2.99	0.25
2019/12/01 05:30	1.04	3.07	0.26
2019/12/01 05:45	1.00	2.77	0.25
2019/12/01 06:00	1.00	2.77	0.25

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/01 06:15	1.04	3.07	0.26
2019/12/01 06:30	1.04	3.07	0.26
2019/12/01 06:45	1.05	3.16	0.26
2019/12/01 07:00	1.09	3.48	0.27
2019/12/01 07:15	1.15	3.60	0.26
2019/12/01 07:30	1.18	3.37	0.23
2019/12/01 07:45	1.23	4.21	0.27
2019/12/01 08:00	1.23	4.21	0.27
2019/12/01 08:15	1.18	5.54	0.39
2019/12/01 08:30	1.18	5.54	0.39
2019/12/01 08:45	1.23	7.12	0.46
2019/12/01 09:00	1.18	6.66	0.46
2019/12/01 09:15	1.18	5.65	0.39
2019/12/01 09:30	1.18	5.36	0.37
2019/12/01 09:45	1.18	5.36	0.37
2019/12/01 10:00	1.15	4.82	0.35
2019/12/01 10:15	1.12	4.47	0.33
2019/12/01 10:30	1.12	4.47	0.33
2019/12/01 10:45	1.15	4.82	0.35
2019/12/01 11:00	1.33	6.95	0.41
2019/12/01 11:15	1.54	10.05	0.48
2019/12/01 11:30	1.54	10.79	0.51
2019/12/01 11:45	1.54	11.66	0.55
2019/12/01 12:00	1.37	10.54	0.59
2019/12/01 12:15	1.37	10.62	0.59
2019/12/01 12:30	1.37	10.62	0.59
2019/12/01 12:45	1.39	10.70	0.59
2019/12/01 13:00	1.39	6.23	0.34
2019/12/01 13:15	1.39	6.12	0.34
2019/12/01 13:30	1.28	5.43	0.34
2019/12/01 13:45	1.28	5.43	0.34
2019/12/01 14:00	1.23	8.22	0.54
2019/12/01 14:15	1.22	8.64	0.57
2019/12/01 14:30	1.22	8.64	0.57
2019/12/01 14:45	1.15	7.42	0.54
2019/12/01 15:00	1.15	7.42	0.54
2019/12/01 15:15	1.48	7.67	0.38
2019/12/01 15:30	1.48	7.33	0.37
2019/12/01 15:45	1.28	4.84	0.30
2019/12/01 16:00	1.57	7.93	0.37
2019/12/01 16:15	1.28	5.89	0.37
2019/12/01 16:30	1.26	8.90	0.56
2019/12/01 16:45	1.28	9.04	0.56
2019/12/01 17:00	1.50	11.39	0.56
2019/12/01 17:15	1.50	17.83	0.88

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/01 17:30	1.50	6.84	0.34
2019/12/01 17:45	1.50	6.62	0.33
2019/12/01 18:00	1.50	6.62	0.33
2019/12/01 18:15	1.39	11.36	0.63
2019/12/01 18:30	1.36	11.03	0.63
2019/12/01 18:45	1.21	9.29	0.63
2019/12/01 19:00	1.28	10.07	0.63
2019/12/01 19:15	1.21	4.26	0.29
2019/12/01 19:30	1.21	4.19	0.28
2019/12/01 19:45	1.28	4.54	0.28
2019/12/01 20:00	1.28	4.54	0.28
2019/12/01 20:15	1.32	10.81	0.64
2019/12/01 20:30	1.46	12.49	0.64
2019/12/01 20:45	1.46	12.49	0.64
2019/12/01 21:00	1.34	13.97	0.80
2019/12/01 21:15	1.34	15.49	0.89
2019/12/01 21:30	1.34	7.95	0.46
2019/12/01 21:45	1.34	14.88	0.86
2019/12/01 22:00	1.32	14.43	0.86
2019/12/01 22:15	1.26	10.10	0.64
2019/12/01 22:30	1.09	6.34	0.49
2019/12/01 22:45	1.09	7.40	0.57
2019/12/01 23:00	1.08	7.09	0.56
2019/12/01 23:15	1.07	7.13	0.57
2019/12/01 23:30	1.07	7.13	0.57
2019/12/01 23:45	1.07	7.26	0.58
2019/12/02 00:00	1.07	7.26	0.58
2019/12/02 00:15	1.03	6.85	0.58
2019/12/02 00:30	1.00	5.45	0.48
2019/12/02 00:45	1.03	5.67	0.48
2019/12/02 01:00	0.97	5.23	0.48
2019/12/02 01:15	0.97	6.07	0.56
2019/12/02 01:30	0.94	5.82	0.56
2019/12/02 01:45	0.91	7.67	0.77
2019/12/02 02:00	0.91	5.57	0.56
2019/12/02 02:15	0.91	5.57	0.56
2019/12/02 02:30	0.91	7.67	0.77
2019/12/02 02:45	0.96	8.35	0.79
2019/12/02 03:00	0.96	8.35	0.79
2019/12/02 03:15	0.93	8.04	0.79
2019/12/02 03:30	0.93	8.06	0.80
2019/12/02 03:45	0.93	8.15	0.80
2019/12/02 04:00	0.93	8.15	0.80
2019/12/02 04:15	0.98	8.88	0.80
2019/12/02 04:30	1.01	9.24	0.80

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/02 04:45	1.03	9.30	0.79
2019/12/02 05:00	1.04	9.49	0.79
2019/12/02 05:15	1.12	10.61	0.79
2019/12/02 05:30	1.04	9.49	0.79
2019/12/02 05:45	1.03	9.30	0.79
2019/12/02 06:00	1.04	8.98	0.75
2019/12/02 06:15	1.00	7.72	0.69
2019/12/02 06:30	1.00	7.72	0.69
2019/12/02 06:45	1.08	9.51	0.75
2019/12/02 07:00	1.25	12.94	0.83
2019/12/02 07:15	1.26	13.15	0.83
2019/12/02 07:30	1.29	13.57	0.83
2019/12/02 07:45	1.34	11.83	0.68
2019/12/02 08:00	1.34	11.48	0.66
2019/12/02 08:15	1.34	8.35	0.48
2019/12/02 08:30	1.30	7.22	0.43
2019/12/02 08:45	1.29	7.11	0.43
2019/12/02 09:00	1.29	7.11	0.43
2019/12/02 09:15	1.30	7.32	0.44
2019/12/02 09:30	1.32	13.56	0.80
2019/12/02 09:45	1.34	14.32	0.82
2019/12/02 10:00	1.34	14.32	0.82
2019/12/02 10:15	1.32	13.56	0.80
2019/12/02 10:30	1.32	13.28	0.79
2019/12/02 10:45	1.28	11.74	0.73
2019/12/02 11:00	1.28	11.74	0.73
2019/12/02 11:15	1.28	11.74	0.73
2019/12/02 11:30	1.28	12.11	0.75
2019/12/02 11:45	1.26	11.92	0.75
2019/12/02 12:00	1.26	11.92	0.75
2019/12/02 12:15	1.26	11.92	0.75
2019/12/02 12:30	1.28	13.53	0.84
2019/12/02 12:45	1.33	14.39	0.84
2019/12/02 13:00	1.40	15.49	0.84
2019/12/02 13:15	1.40	15.49	0.84
2019/12/02 13:30	1.40	7.81	0.42
2019/12/02 13:45	1.40	6.72	0.36
2019/12/02 14:00	1.51	6.90	0.34
2019/12/02 14:15	1.55	7.80	0.36
2019/12/02 14:30	1.51	8.72	0.42
2019/12/02 14:45	1.30	6.13	0.37
2019/12/02 15:00	1.47	10.22	0.52
2019/12/02 15:15	1.32	8.72	0.52
2019/12/02 15:30	1.30	6.77	0.41
2019/12/02 15:45	1.30	6.71	0.40

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/02 16:00	1.32	6.87	0.41
2019/12/02 16:15	1.32	6.87	0.41
2019/12/02 16:30	1.30	6.74	0.41
2019/12/02 16:45	1.26	7.88	0.50
2019/12/02 17:00	1.26	7.88	0.50
2019/12/02 17:15	1.26	6.43	0.41
2019/12/02 17:30	1.26	6.43	0.41
2019/12/02 17:45	1.28	5.77	0.36
2019/12/02 18:00	1.30	5.65	0.34
2019/12/02 18:15	1.36	6.00	0.34
2019/12/02 18:30	1.37	6.09	0.34
2019/12/02 18:45	1.37	6.09	0.34
2019/12/02 19:00	1.47	6.69	0.34
2019/12/02 19:15	1.47	7.29	0.37
2019/12/02 19:30	1.54	7.79	0.37
2019/12/02 19:45	1.54	7.15	0.34
2019/12/02 20:00	1.54	7.15	0.34
2019/12/02 20:15	1.53	7.41	0.36
2019/12/02 20:30	1.40	6.18	0.34
2019/12/02 20:45	1.37	6.36	0.36
2019/12/02 21:00	1.33	6.09	0.36
2019/12/02 21:15	1.33	6.09	0.36
2019/12/02 21:30	1.37	9.23	0.52
2019/12/02 21:45	1.37	9.45	0.53
2019/12/02 22:00	1.53	11.00	0.53
2019/12/02 22:15	1.53	11.00	0.53
2019/12/02 22:30	1.40	9.05	0.49
2019/12/02 22:45	1.36	6.89	0.39
2019/12/02 23:00	1.14	4.88	0.36
2019/12/02 23:15	1.07	3.55	0.29
2019/12/02 23:30	0.97	2.79	0.26
2019/12/02 23:45	0.97	2.79	0.26
2019/12/03 00:00	0.97	2.79	0.26
2019/12/03 00:15	1.03	4.08	0.35
2019/12/03 00:30	1.03	4.08	0.35
2019/12/03 00:45	1.03	4.08	0.35
2019/12/03 01:00	0.98	3.67	0.33
2019/12/03 01:15	0.97	3.60	0.33
2019/12/03 01:30	0.97	3.60	0.33
2019/12/03 01:45	0.97	6.81	0.63
2019/12/03 02:00	0.97	8.35	0.77
2019/12/03 02:15	0.98	8.52	0.77
2019/12/03 02:30	0.98	8.52	0.77
2019/12/03 02:45	0.94	8.00	0.77
2019/12/03 03:00	0.94	8.00	0.77

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/03 03:15	0.97	8.33	0.77
2019/12/03 03:30	0.94	7.98	0.77
2019/12/03 03:45	0.94	7.98	0.77
2019/12/03 04:00	0.96	8.16	0.77
2019/12/03 04:15	0.96	8.16	0.77
2019/12/03 04:30	0.96	8.93	0.84
2019/12/03 04:45	1.03	9.89	0.84
2019/12/03 05:00	1.03	9.89	0.84
2019/12/03 05:15	1.07	3.77	0.30
2019/12/03 05:30	1.03	3.56	0.30
2019/12/03 05:45	0.96	3.21	0.30
2019/12/03 06:00	0.96	3.33	0.31
2019/12/03 06:15	1.04	4.65	0.39
2019/12/03 06:30	1.04	4.80	0.40
2019/12/03 06:45	1.04	4.80	0.40
2019/12/03 07:00	1.07	4.93	0.40
2019/12/03 07:15	1.22	5.99	0.40
2019/12/03 07:30	1.22	6.06	0.40
2019/12/03 07:45	1.22	5.99	0.40
2019/12/03 08:00	1.22	5.96	0.40
2019/12/03 08:15	1.22	5.53	0.37
2019/12/03 08:30	1.22	5.53	0.37
2019/12/03 08:45	1.23	5.62	0.37
2019/12/03 09:00	1.23	5.95	0.39
2019/12/03 09:15	1.23	5.95	0.39
2019/12/03 09:30	1.29	7.46	0.46
2019/12/03 09:45	1.51	7.97	0.39
2019/12/03 10:00	1.54	8.18	0.39
2019/12/03 10:15	1.54	9.63	0.46
2019/12/03 10:30	1.54	9.63	0.46
2019/12/03 10:45	1.37	9.09	0.51
2019/12/03 11:00	1.37	9.09	0.51
2019/12/03 11:15	1.37	8.08	0.45
2019/12/03 11:30	1.50	9.16	0.45
2019/12/03 11:45	1.50	9.16	0.45
2019/12/03 12:00	1.50	8.82	0.43
2019/12/03 12:15	1.30	7.22	0.43
2019/12/03 12:30	1.30	5.78	0.35
2019/12/03 12:45	1.30	5.78	0.35
2019/12/03 13:00	1.28	5.28	0.33
2019/12/03 13:15	1.21	4.87	0.33
2019/12/03 13:30	1.19	4.79	0.33
2019/12/03 13:45	1.12	6.08	0.45
2019/12/03 14:00	1.12	6.88	0.51
2019/12/03 14:15	1.12	7.41	0.55

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/03 14:30	1.12	7.41	0.55
2019/12/03 14:45	1.29	8.41	0.51
2019/12/03 15:00	1.29	9.18	0.56
2019/12/03 15:15	1.28	9.04	0.56
2019/12/03 15:30	1.28	9.04	0.56
2019/12/03 15:45	1.28	9.92	0.62
2019/12/03 16:00	1.28	10.22	0.63
2019/12/03 16:15	1.22	9.58	0.63
2019/12/03 16:30	1.28	11.45	0.71
2019/12/03 16:45	1.30	12.06	0.73
2019/12/03 17:00	1.30	12.06	0.73
2019/12/03 17:15	1.28	11.69	0.73
2019/12/03 17:30	1.28	11.69	0.73
2019/12/03 17:45	1.30	12.06	0.73
2019/12/03 18:00	1.33	7.99	0.47
2019/12/03 18:15	1.29	7.63	0.47
2019/12/03 18:30	1.33	7.99	0.47
2019/12/03 18:45	1.33	10.08	0.59
2019/12/03 19:00	1.29	9.63	0.59
2019/12/03 19:15	1.29	9.63	0.59
2019/12/03 19:30	1.26	8.94	0.56
2019/12/03 19:45	1.26	6.84	0.43
2019/12/03 20:00	1.26	6.84	0.43
2019/12/03 20:15	1.29	7.06	0.43
2019/12/03 20:30	1.30	9.20	0.55
2019/12/03 20:45	1.30	9.20	0.55
2019/12/03 21:00	1.30	9.20	0.55
2019/12/03 21:15	1.30	9.20	0.55
2019/12/03 21:30	1.32	8.93	0.53
2019/12/03 21:45	1.58	11.61	0.53
2019/12/03 22:00	1.58	10.40	0.47
2019/12/03 22:15	1.58	10.40	0.47
2019/12/03 22:30	1.51	8.50	0.41
2019/12/03 22:45	1.28	6.66	0.41
2019/12/03 23:00	1.23	6.34	0.41
2019/12/03 23:15	1.21	9.26	0.62
2019/12/03 23:30	1.12	8.35	0.62
2019/12/03 23:45	1.09	8.58	0.67
2019/12/04 00:00	1.11	9.26	0.70
2019/12/04 00:15	1.11	8.20	0.62
2019/12/04 00:30	1.09	7.24	0.56
2019/12/04 00:45	1.09	7.24	0.56
2019/12/04 01:00	0.98	5.49	0.50
2019/12/04 01:15	0.98	5.49	0.50
2019/12/04 01:30	0.94	5.15	0.50

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/04 01:45	0.94	5.72	0.55
2019/12/04 02:00	0.97	7.54	0.70
2019/12/04 02:15	0.97	7.90	0.73
2019/12/04 02:30	0.97	7.93	0.73
2019/12/04 02:45	1.00	8.49	0.75
2019/12/04 03:00	1.12	10.82	0.81
2019/12/04 03:15	1.15	12.37	0.89
2019/12/04 03:30	1.36	16.34	0.93
2019/12/04 03:45	1.43	20.99	1.11
2019/12/04 04:00	1.71	27.08	1.11
2019/12/04 04:15	1.71	24.47	1.00
2019/12/04 04:30	1.71	24.47	1.00
2019/12/04 04:45	1.71	24.47	1.00
2019/12/04 05:00	1.71	24.47	1.00
2019/12/04 05:15	1.71	28.35	1.16
2019/12/04 05:30	2.08	37.66	1.16
2019/12/04 05:45	2.08	37.66	1.16
2019/12/04 06:00	2.08	41.16	1.27
2019/12/04 06:15	1.87	32.45	1.16
2019/12/04 06:30	1.84	27.10	0.99
2019/12/04 06:45	1.72	24.34	0.98
2019/12/04 07:00	1.68	23.50	0.98
2019/12/04 07:15	1.66	22.00	0.93
2019/12/04 07:30	1.57	19.62	0.91
2019/12/04 07:45	1.50	18.39	0.91
2019/12/04 08:00	1.50	18.39	0.91
2019/12/04 08:15	1.46	17.57	0.90
2019/12/04 08:30	1.50	18.30	0.90
2019/12/04 08:45	1.32	14.49	0.86
2019/12/04 09:00	1.59	19.07	0.86
2019/12/04 09:15	1.59	19.07	0.86
2019/12/04 09:30	1.65	22.16	0.95
2019/12/04 09:45	1.98	31.09	1.03
2019/12/04 10:00	2.00	31.40	1.03
2019/12/04 10:15	2.36	43.51	1.13
2019/12/04 10:30	2.36	41.98	1.09
2019/12/04 10:45	2.36	41.98	1.09
2019/12/04 11:00	2.19	36.41	1.05
2019/12/04 11:15	1.96	31.02	1.05
2019/12/04 11:30	1.61	21.78	0.97
2019/12/04 11:45	1.36	15.93	0.90
2019/12/04 12:00	1.36	15.64	0.89
2019/12/04 12:15	1.36	15.61	0.89
2019/12/04 12:30	1.39	15.60	0.86
2019/12/04 12:45	1.41	14.60	0.78

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/04 13:00	1.41	14.60	0.78
2019/12/04 13:15	1.41	14.60	0.78
2019/12/04 13:30	1.46	15.07	0.77
2019/12/04 13:45	1.46	15.07	0.77
2019/12/04 14:00	1.39	14.05	0.77
2019/12/04 14:15	1.43	12.29	0.65
2019/12/04 14:30	1.36	11.33	0.64
2019/12/04 14:45	1.36	11.33	0.64
2019/12/04 15:00	1.29	10.28	0.63
2019/12/04 15:15	1.19	8.98	0.61
2019/12/04 15:30	1.19	8.15	0.56
2019/12/04 15:45	1.21	8.29	0.56
2019/12/04 16:00	1.21	8.29	0.56
2019/12/04 16:15	1.25	9.35	0.60
2019/12/04 16:30	1.25	11.40	0.73
2019/12/04 16:45	1.25	13.20	0.85
2019/12/04 17:00	1.25	13.20	0.85
2019/12/04 17:15	1.37	13.08	0.73
2019/12/04 17:30	1.22	11.03	0.73
2019/12/04 17:45	1.22	10.85	0.72
2019/12/04 18:00	1.23	9.01	0.59
2019/12/04 18:15	1.18	8.43	0.59
2019/12/04 18:30	1.18	9.09	0.63
2019/12/04 18:45	1.23	9.71	0.63
2019/12/04 19:00	1.34	11.00	0.63
2019/12/04 19:15	1.34	11.00	0.63
2019/12/04 19:30	1.34	7.58	0.44
2019/12/04 19:45	1.34	7.58	0.44
2019/12/04 20:00	1.34	7.58	0.44
2019/12/04 20:15	1.39	9.20	0.51
2019/12/04 20:30	1.40	9.33	0.51
2019/12/04 20:45	1.40	9.33	0.51
2019/12/04 21:00	1.39	7.07	0.39
2019/12/04 21:15	1.30	6.44	0.39
2019/12/04 21:30	1.30	6.03	0.36
2019/12/04 21:45	1.28	5.85	0.36
2019/12/04 22:00	1.29	4.94	0.30
2019/12/04 22:15	1.29	4.94	0.30
2019/12/04 22:30	1.29	4.91	0.30
2019/12/04 22:45	1.28	4.86	0.30
2019/12/04 23:00	1.16	4.26	0.30
2019/12/04 23:15	1.16	3.94	0.28
2019/12/04 23:30	1.14	3.80	0.28
2019/12/04 23:45	1.16	4.33	0.31
2019/12/05 00:00	1.16	4.18	0.30

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/05 00:15	1.19	4.65	0.32
2019/12/05 00:30	1.25	5.11	0.33
2019/12/05 00:45	1.25	4.97	0.32
2019/12/05 01:00	1.25	4.73	0.30
2019/12/05 01:15	1.08	4.04	0.32
2019/12/05 01:30	1.08	4.10	0.32
2019/12/05 01:45	1.04	3.69	0.31
2019/12/05 02:00	1.08	4.10	0.32
2019/12/05 02:15	1.08	4.42	0.35
2019/12/05 02:30	1.04	4.63	0.39
2019/12/05 02:45	1.03	4.54	0.39
2019/12/05 03:00	1.03	4.63	0.40
2019/12/05 03:15	1.03	4.54	0.39
2019/12/05 03:30	1.01	4.42	0.38
2019/12/05 03:45	1.01	4.37	0.38
2019/12/05 04:00	1.01	4.37	0.38
2019/12/05 04:15	1.01	4.37	0.38
2019/12/05 04:30	1.01	4.37	0.38
2019/12/05 04:45	1.11	5.51	0.42
2019/12/05 05:00	1.11	5.51	0.42
2019/12/05 05:15	1.15	3.47	0.25
2019/12/05 05:30	1.18	3.59	0.25
2019/12/05 05:45	1.21	3.71	0.25
2019/12/05 06:00	1.21	3.71	0.25
2019/12/05 06:15	1.21	3.71	0.25
2019/12/05 06:30	1.21	3.71	0.25
2019/12/05 06:45	1.18	3.59	0.25
2019/12/05 07:00	1.18	3.59	0.25
2019/12/05 07:15	1.18	11.91	0.83
2019/12/05 07:30	1.19	11.96	0.82
2019/12/05 07:45	1.25	15.54	1.00
2019/12/05 08:00	1.25	12.30	0.79
2019/12/05 08:15	1.28	13.19	0.82
2019/12/05 08:30	1.44	15.16	0.79
2019/12/05 08:45	1.44	14.54	0.76
2019/12/05 09:00	1.34	8.17	0.47
2019/12/05 09:15	1.44	8.03	0.42
2019/12/05 09:30	1.47	8.26	0.42
2019/12/05 09:45	1.34	7.27	0.42
2019/12/05 10:00	1.47	8.38	0.42
2019/12/05 10:15	1.48	9.04	0.45
2019/12/05 10:30	1.48	10.97	0.55
2019/12/05 10:45	1.29	8.96	0.55
2019/12/05 11:00	1.29	8.96	0.55
2019/12/05 11:15	1.29	8.23	0.50

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/05 11:30	1.29	6.59	0.40
2019/12/05 11:45	1.33	6.79	0.40
2019/12/05 12:00	1.55	8.48	0.40
2019/12/05 12:15	1.55	8.61	0.40
2019/12/05 12:30	1.43	7.84	0.41
2019/12/05 12:45	1.43	7.95	0.42
2019/12/05 13:00	1.43	7.95	0.42
2019/12/05 13:15	1.41	7.73	0.41
2019/12/05 13:30	1.26	5.05	0.32
2019/12/05 13:45	1.26	5.05	0.32
2019/12/05 14:00	1.25	4.92	0.32
2019/12/05 14:15	1.25	4.97	0.32
2019/12/05 14:30	1.25	4.97	0.32
2019/12/05 14:45	1.25	4.92	0.32
2019/12/05 15:00	1.16	4.30	0.31
2019/12/05 15:15	1.16	4.30	0.31
2019/12/05 15:30	1.25	4.76	0.31
2019/12/05 15:45	1.25	4.95	0.32
2019/12/05 16:00	1.29	5.39	0.33
2019/12/05 16:15	1.30	5.50	0.33
2019/12/05 16:30	1.34	5.94	0.34
2019/12/05 16:45	1.34	7.00	0.40
2019/12/05 17:00	1.43	8.59	0.45
2019/12/05 17:15	1.48	9.07	0.45
2019/12/05 17:30	1.43	8.59	0.45
2019/12/05 17:45	1.25	6.02	0.39
2019/12/05 18:00	1.18	3.98	0.28
2019/12/05 18:15	1.18	3.98	0.28
2019/12/05 18:30	1.18	3.98	0.28
2019/12/05 18:45	1.18	4.69	0.33
2019/12/05 19:00	1.22	4.95	0.33
2019/12/05 19:15	1.22	5.07	0.34
2019/12/05 19:30	1.36	6.67	0.38
2019/12/05 19:45	1.23	5.90	0.38
2019/12/05 20:00	1.23	7.14	0.47
2019/12/05 20:15	1.23	8.43	0.55
2019/12/05 20:30	1.36	12.46	0.71
2019/12/05 20:45	1.36	15.23	0.86
2019/12/05 21:00	1.36	15.23	0.86
2019/12/05 21:15	1.36	12.46	0.71
2019/12/05 21:30	1.36	13.54	0.77
2019/12/05 21:45	1.36	11.79	0.67
2019/12/05 22:00	1.47	13.20	0.67
2019/12/05 22:15	1.47	12.51	0.63
2019/12/05 22:30	1.36	13.54	0.77

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/05 22:45	1.26	10.03	0.63
2019/12/05 23:00	1.26	10.03	0.63
2019/12/05 23:15	1.26	9.02	0.57
2019/12/05 23:30	1.26	5.95	0.38
2019/12/05 23:45	1.25	5.85	0.38
2019/12/06 00:00	1.25	5.85	0.38
2019/12/06 00:15	1.23	5.76	0.38
2019/12/06 00:30	1.09	4.84	0.38
2019/12/06 00:45	1.07	4.25	0.34
2019/12/06 01:00	1.07	3.74	0.30
2019/12/06 01:15	1.05	3.52	0.29
2019/12/06 01:30	1.05	3.52	0.29
2019/12/06 01:45	1.05	3.52	0.29
2019/12/06 02:00	1.05	3.05	0.25
2019/12/06 02:15	1.05	3.26	0.27
2019/12/06 02:30	1.07	7.00	0.56
2019/12/06 02:45	1.11	3.65	0.28
2019/12/06 03:00	1.11	3.49	0.27
2019/12/06 03:15	1.11	3.51	0.27
2019/12/06 03:30	1.11	3.51	0.27
2019/12/06 03:45	1.11	3.51	0.27
2019/12/06 04:00	1.11	3.51	0.27
2019/12/06 04:15	1.11	3.51	0.27
2019/12/06 04:30	1.14	3.68	0.27
2019/12/06 04:45	1.21	4.33	0.29
2019/12/06 05:00	1.14	3.68	0.27
2019/12/06 05:15	1.26	4.81	0.30
2019/12/06 05:30	1.14	3.68	0.27
2019/12/06 05:45	1.22	4.44	0.29
2019/12/06 06:00	1.11	3.49	0.27
2019/12/06 06:15	1.11	3.87	0.29
2019/12/06 06:30	1.11	3.87	0.29
2019/12/06 06:45	1.22	5.48	0.36
2019/12/06 07:00	1.28	6.75	0.42
2019/12/06 07:15	1.32	7.08	0.42
2019/12/06 07:30	1.40	7.73	0.42
2019/12/06 07:45	1.33	7.18	0.42
2019/12/06 08:00	1.33	7.18	0.42
2019/12/06 08:15	1.33	5.75	0.34
2019/12/06 08:30	1.40	7.51	0.41
2019/12/06 08:45	1.51	9.69	0.47
2019/12/06 09:00	1.51	8.38	0.41
2019/12/06 09:15	1.50	8.27	0.41
2019/12/06 09:30	1.50	8.27	0.41
2019/12/06 09:45	1.47	7.78	0.39

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/06 10:00	1.34	6.02	0.35
2019/12/06 10:15	1.34	6.02	0.35
2019/12/06 10:30	1.34	5.97	0.34
2019/12/06 10:45	1.34	4.96	0.29
2019/12/06 11:00	1.34	4.96	0.29
2019/12/06 11:15	1.40	5.26	0.29
2019/12/06 11:30	1.40	5.90	0.32
2019/12/06 11:45	1.41	6.61	0.35
2019/12/06 12:00	1.48	8.43	0.42
2019/12/06 12:15	1.48	8.43	0.42
2019/12/06 12:30	1.41	6.93	0.37
2019/12/06 12:45	1.41	6.93	0.37
2019/12/06 13:00	1.37	6.64	0.37
2019/12/06 13:15	1.33	6.35	0.37
2019/12/06 13:30	1.32	6.25	0.37
2019/12/06 13:45	1.32	6.25	0.37
2019/12/06 14:00	1.28	8.92	0.55
2019/12/06 14:15	1.28	9.60	0.60
2019/12/06 14:30	1.33	10.21	0.60
2019/12/06 14:45	1.40	10.29	0.56
2019/12/06 15:00	1.40	10.29	0.56
2019/12/06 15:15	1.40	9.78	0.53
2019/12/06 15:30	1.40	9.78	0.53
2019/12/06 15:45	1.40	9.78	0.53
2019/12/06 16:00	1.33	11.13	0.65
2019/12/06 16:15	1.40	12.26	0.67
2019/12/06 16:30	1.40	16.81	0.91
2019/12/06 16:45	1.40	16.81	0.91
2019/12/06 17:00	1.33	12.07	0.70
2019/12/06 17:15	1.43	13.36	0.70
2019/12/06 17:30	1.41	13.17	0.70
2019/12/06 17:45	1.41	13.17	0.70
2019/12/06 18:00	1.26	11.12	0.70
2019/12/06 18:15	1.25	7.02	0.45
2019/12/06 18:30	1.25	6.76	0.43
2019/12/06 18:45	1.25	6.49	0.42
2019/12/06 19:00	1.28	6.66	0.41
2019/12/06 19:15	1.29	6.81	0.42
2019/12/06 19:30	1.29	6.19	0.38
2019/12/06 19:45	1.29	6.81	0.42
2019/12/06 20:00	1.29	7.38	0.45
2019/12/06 20:15	1.30	7.50	0.45
2019/12/06 20:30	1.37	8.08	0.45
2019/12/06 20:45	1.61	11.08	0.49
2019/12/06 21:00	1.61	11.08	0.49

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/06 21:15	1.61	10.46	0.47
2019/12/06 21:30	1.61	10.46	0.47
2019/12/06 21:45	1.59	10.33	0.47
2019/12/06 22:00	1.53	9.69	0.47
2019/12/06 22:15	1.53	15.99	0.77
2019/12/06 22:30	1.51	16.25	0.79
2019/12/06 22:45	1.48	15.82	0.79
2019/12/06 23:00	1.44	15.19	0.79
2019/12/06 23:15	1.41	14.77	0.79
2019/12/06 23:30	1.40	14.28	0.78
2019/12/06 23:45	1.16	10.61	0.75
2019/12/07 00:00	1.11	8.98	0.68
2019/12/07 00:15	1.11	6.43	0.49
2019/12/07 00:30	1.14	6.46	0.47
2019/12/07 00:45	1.11	5.81	0.44
2019/12/07 01:00	1.11	5.81	0.44
2019/12/07 01:15	1.07	5.50	0.44
2019/12/07 01:30	1.01	4.86	0.42
2019/12/07 01:45	0.98	4.53	0.41
2019/12/07 02:00	0.98	4.38	0.40
2019/12/07 02:15	1.01	4.42	0.38
2019/12/07 02:30	1.01	4.40	0.38
2019/12/07 02:45	0.98	4.23	0.38
2019/12/07 03:00	0.96	4.05	0.38
2019/12/07 03:15	0.96	7.38	0.70
2019/12/07 03:30	0.96	7.56	0.71
2019/12/07 03:45	0.96	7.56	0.71
2019/12/07 04:00	0.96	8.08	0.76
2019/12/07 04:15	0.96	8.93	0.84
2019/12/07 04:30	0.96	9.04	0.85
2019/12/07 04:45	1.00	9.63	0.85
2019/12/07 05:00	1.00	9.63	0.85
2019/12/07 05:15	1.12	10.51	0.79
2019/12/07 05:30	1.00	8.47	0.75
2019/12/07 05:45	0.98	7.28	0.66
2019/12/07 06:00	0.98	6.52	0.59
2019/12/07 06:15	1.01	6.58	0.57
2019/12/07 06:30	1.01	6.58	0.57
2019/12/07 06:45	1.09	7.38	0.57
2019/12/07 07:00	1.15	8.19	0.59
2019/12/07 07:15	1.22	7.85	0.52
2019/12/07 07:30	1.25	8.11	0.52
2019/12/07 07:45	1.25	7.09	0.45
2019/12/07 08:00	1.25	6.61	0.42
2019/12/07 08:15	1.22	6.40	0.42

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/07 08:30	1.25	7.09	0.45
2019/12/07 08:45	1.33	13.17	0.77
2019/12/07 09:00	1.34	15.38	0.89
2019/12/07 09:15	1.37	16.52	0.92
2019/12/07 09:30	1.43	17.49	0.92
2019/12/07 09:45	1.43	16.77	0.89
2019/12/07 10:00	1.37	15.81	0.88
2019/12/07 10:15	1.26	13.76	0.87
2019/12/07 10:30	1.26	6.70	0.42
2019/12/07 10:45	1.26	6.70	0.42
2019/12/07 11:00	1.32	6.33	0.38
2019/12/07 11:15	1.32	6.33	0.38
2019/12/07 11:30	1.41	7.90	0.42
2019/12/07 11:45	1.32	6.33	0.38
2019/12/07 12:00	1.29	6.64	0.41
2019/12/07 12:15	1.26	6.43	0.41
2019/12/07 12:30	1.26	6.43	0.41
2019/12/07 12:45	1.26	6.43	0.41
2019/12/07 13:00	1.46	8.41	0.43
2019/12/07 13:15	1.46	9.10	0.47
2019/12/07 13:30	1.46	9.93	0.51
2019/12/07 13:45	1.43	9.66	0.51
2019/12/07 14:00	1.43	9.66	0.51
2019/12/07 14:15	1.32	11.22	0.67
2019/12/07 14:30	1.32	11.22	0.67
2019/12/07 14:45	1.36	9.88	0.56
2019/12/07 15:00	1.43	13.10	0.69
2019/12/07 15:15	1.43	13.10	0.69
2019/12/07 15:30	1.50	14.02	0.69
2019/12/07 15:45	1.50	15.63	0.77
2019/12/07 16:00	1.43	14.69	0.78
2019/12/07 16:15	1.32	13.89	0.82
2019/12/07 16:30	1.32	13.89	0.82
2019/12/07 16:45	1.32	13.89	0.82
2019/12/07 17:00	1.37	14.75	0.82
2019/12/07 17:15	1.37	14.75	0.82
2019/12/07 17:30	1.37	9.80	0.55
2019/12/07 17:45	1.19	6.82	0.47
2019/12/07 18:00	1.19	6.82	0.47
2019/12/07 18:15	1.19	6.01	0.41
2019/12/07 18:30	1.21	7.16	0.48
2019/12/07 18:45	1.36	7.27	0.41
2019/12/07 19:00	1.46	7.97	0.41
2019/12/07 19:15	1.46	6.15	0.32
2019/12/07 19:30	1.46	6.15	0.32

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/07 19:45	1.40	5.82	0.32
2019/12/07 20:00	1.39	5.51	0.30
2019/12/07 20:15	1.39	6.90	0.38
2019/12/07 20:30	1.39	7.15	0.39
2019/12/07 20:45	1.40	7.25	0.39
2019/12/07 21:00	1.39	6.21	0.34
2019/12/07 21:15	1.46	8.03	0.41
2019/12/07 21:30	1.39	6.87	0.38
2019/12/07 21:45	1.39	6.87	0.38
2019/12/07 22:00	1.32	9.62	0.57
2019/12/07 22:15	1.32	10.06	0.60
2019/12/07 22:30	1.32	10.06	0.60
2019/12/07 22:45	1.41	14.40	0.77
2019/12/07 23:00	1.41	14.40	0.77
2019/12/07 23:15	1.41	14.40	0.77
2019/12/07 23:30	1.22	4.95	0.33
2019/12/07 23:45	1.15	4.40	0.32
2019/12/08 00:00	1.07	3.60	0.29
2019/12/08 00:15	1.07	3.94	0.32
2019/12/08 00:30	1.07	4.08	0.33
2019/12/08 00:45	1.07	4.25	0.34
2019/12/08 01:00	1.07	5.02	0.40
2019/12/08 01:15	1.14	11.06	0.81
2019/12/08 01:30	1.14	9.70	0.71
2019/12/08 01:45	1.14	10.02	0.74
2019/12/08 02:00	1.04	8.79	0.74
2019/12/08 02:15	1.01	8.19	0.71
2019/12/08 02:30	0.97	4.12	0.38
2019/12/08 02:45	0.97	4.12	0.38
2019/12/08 03:00	0.97	4.12	0.38
2019/12/08 03:15	0.97	4.12	0.38
2019/12/08 03:30	1.00	4.47	0.40
2019/12/08 03:45	1.00	4.47	0.40
2019/12/08 04:00	1.00	4.59	0.41
2019/12/08 04:15	1.00	4.78	0.42
2019/12/08 04:30	1.00	6.67	0.59
2019/12/08 04:45	1.33	10.14	0.59
2019/12/08 05:00	1.33	10.14	0.59
2019/12/08 05:15	1.33	8.20	0.48
2019/12/08 05:30	1.33	7.63	0.45
2019/12/08 05:45	1.30	7.40	0.45
2019/12/08 06:00	1.29	7.83	0.48
2019/12/08 06:15	1.28	7.71	0.48
2019/12/08 06:30	1.26	7.49	0.47
2019/12/08 06:45	1.28	7.61	0.47

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/08 07:00	1.26	7.03	0.44
2019/12/08 07:15	1.26	7.03	0.44
2019/12/08 07:30	1.29	7.26	0.44
2019/12/08 07:45	1.34	14.88	0.86
2019/12/08 08:00	1.34	15.51	0.89
2019/12/08 08:15	1.53	19.83	0.95
2019/12/08 08:30	1.53	19.83	0.95
2019/12/08 08:45	1.53	19.83	0.95
2019/12/08 09:00	1.53	19.83	0.95
2019/12/08 09:15	1.48	17.87	0.89
2019/12/08 09:30	1.48	17.50	0.87
2019/12/08 09:45	1.50	17.74	0.87
2019/12/08 10:00	1.61	20.10	0.89
2019/12/08 10:15	1.72	22.11	0.89
2019/12/08 10:30	1.72	23.54	0.95
2019/12/08 10:45	1.72	23.54	0.95
2019/12/08 11:00	1.66	22.47	0.95
2019/12/08 11:15	1.66	20.45	0.87
2019/12/08 11:30	1.55	15.89	0.74
2019/12/08 11:45	1.53	10.33	0.50
2019/12/08 12:00	1.53	6.58	0.32
2019/12/08 12:15	1.55	6.72	0.31
2019/12/08 12:30	1.58	6.89	0.31
2019/12/08 12:45	1.59	7.01	0.32
2019/12/08 13:00	1.66	15.70	0.67
2019/12/08 13:15	2.01	25.53	0.83
2019/12/08 13:30	2.01	28.22	0.91
2019/12/08 13:45	2.01	29.02	0.94
2019/12/08 14:00	1.84	24.97	0.91
2019/12/08 14:15	1.80	24.42	0.92
2019/12/08 14:30	1.55	19.73	0.92
2019/12/08 14:45	1.51	18.98	0.92
2019/12/08 15:00	1.50	17.40	0.86
2019/12/08 15:15	1.47	15.73	0.80
2019/12/08 15:30	1.47	13.35	0.68
2019/12/08 15:45	1.50	13.16	0.65
2019/12/08 16:00	1.47	10.19	0.52
2019/12/08 16:15	1.47	6.84	0.35
2019/12/08 16:30	1.44	5.98	0.31
2019/12/08 16:45	1.36	5.49	0.31
2019/12/08 17:00	1.36	5.49	0.31
2019/12/08 17:15	1.41	8.55	0.46
2019/12/08 17:30	1.41	8.55	0.46
2019/12/08 17:45	1.41	8.55	0.46
2019/12/08 18:00	1.41	7.87	0.42

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/08 18:15	1.41	7.58	0.41
2019/12/08 18:30	1.36	7.00	0.40
2019/12/08 18:45	1.41	7.58	0.41
2019/12/08 19:00	1.41	7.41	0.40
2019/12/08 19:15	1.47	7.84	0.40
2019/12/08 19:30	1.54	8.92	0.42
2019/12/08 19:45	1.55	9.07	0.42
2019/12/08 20:00	1.54	8.92	0.42
2019/12/08 20:15	1.54	8.95	0.42
2019/12/08 20:30	1.55	9.46	0.44
2019/12/08 20:45	1.55	9.46	0.44
2019/12/08 21:00	1.54	9.98	0.47
2019/12/08 21:15	1.55	11.29	0.53
2019/12/08 21:30	1.64	12.16	0.53
2019/12/08 21:45	1.66	12.46	0.53
2019/12/08 22:00	1.64	10.05	0.44
2019/12/08 22:15	1.64	10.05	0.44
2019/12/08 22:30	1.68	8.78	0.37
2019/12/08 22:45	1.59	8.16	0.37
2019/12/08 23:00	1.59	10.77	0.49
2019/12/08 23:15	1.44	9.56	0.50
2019/12/08 23:30	1.55	10.37	0.49
2019/12/08 23:45	1.44	9.32	0.49
2019/12/09 00:00	1.37	8.90	0.50
2019/12/09 00:15	1.37	8.90	0.50
2019/12/09 00:30	1.37	10.98	0.61
2019/12/09 00:45	1.37	10.98	0.61
2019/12/09 01:00	1.40	12.56	0.68
2019/12/09 01:15	1.40	12.56	0.68
2019/12/09 01:30	1.43	12.93	0.68
2019/12/09 01:45	1.43	11.83	0.62
2019/12/09 02:00	1.43	10.00	0.53
2019/12/09 02:15	1.43	10.00	0.53
2019/12/09 02:30	1.43	10.00	0.53
2019/12/09 02:45	1.37	13.87	0.78
2019/12/09 03:00	1.36	13.73	0.78
2019/12/09 03:15	1.36	13.73	0.78
2019/12/09 03:30	1.34	13.47	0.78
2019/12/09 03:45	1.34	10.39	0.60
2019/12/09 04:00	1.36	10.55	0.60
2019/12/09 04:15	1.36	10.55	0.60
2019/12/09 04:30	1.37	10.81	0.60
2019/12/09 04:45	1.43	11.45	0.60
2019/12/09 05:00	1.43	11.45	0.60
2019/12/09 05:15	1.43	10.06	0.53

TimeStamp	Level (in)	Flow (gpm)	Velocity (fps)
2019/12/09 05:30	1.43	10.06	0.53
2019/12/09 05:45	1.37	9.50	0.53
2019/12/09 06:00	1.36	10.47	0.59
2019/12/09 06:15	1.36	10.47	0.59
2019/12/09 06:30	1.36	10.47	0.59
2019/12/09 06:45	1.47	10.85	0.55
2019/12/09 07:00	1.48	11.00	0.55
2019/12/09 07:15	1.48	11.00	0.55
2019/12/09 07:30	1.48	12.37	0.62
2019/12/09 07:45	1.48	17.04	0.85
2019/12/09 08:00	1.48	17.26	0.86
2019/12/09 08:15	1.50	17.49	0.86
2019/12/09 08:30	1.62	19.38	0.85
2019/12/09 08:45	1.62	11.70	0.51
2019/12/09 09:00	1.62	11.56	0.51
2019/12/09 09:15	1.62	11.42	0.50
2019/12/09 09:30	1.62	11.29	0.50

APPENDIX D

Calculations

Building	Use	SF	SWR Flow gpd ⁽¹⁾	SWR Flow cfs	SWR Flow Peaked ⁽²⁾ (cfs)	SWR Flow Peaked (MGD)
One	R	3500	3500	0.0054	0.0143	0.0093
Two	R	3950	3950	0.0061	0.0162	0.0105
Three	R	4870	4870	0.0075	0.0200	0.0129
Four (A)	R	5700	5700	0.0088	0.0234	0.0151
Four (B)	R	5700	5700	0.0088	0.0234	0.0151
Overall Site		23720	23720	0.0367	0.0972	0.0629
		SWR Flow mgd	0.0237			

1. Sewer Flow generation 1,000 gpd per 1,000 SF from LA Co. Sanitation District Will Serve Table 1
2. 2.65 Peak factor

MH	Size	Ex. SWR Flow Max. (cfs)	Pr. SWR Flow Max (cfs)	SWR Flow Peaked (MGD)	Flow Depth Max. (in)	D/d
4+06	8	0.2120	0.3372	0.2180	3.72	46.50%
17+06	8	0.1810	0.2783	0.1799	3.36	42.00%
27+82	8	0.1269	0.2241	0.1449	3	37.50%
190TH	8	0	0.0972	0.0629	2	25.00%

4+06 includes 0.028 cfs from City of Torrance approved apartment development PM 78228

Ex Flow 4+06 MH Western

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Diameter	0.67	ft
Discharge	0.21	ft ³ /s

Results

Normal Depth	0.24	ft
Flow Area	0.11	ft ²
Wetted Perimeter	0.86	ft
Hydraulic Radius	0.13	ft
Top Width	0.64	ft
Critical Depth	0.21	ft
Percent Full	35.6	%
Critical Slope	0.00644	ft/ft
Velocity	1.87	ft/s
Velocity Head	0.05	ft
Specific Energy	0.29	ft
Froude Number	0.79	
Maximum Discharge	0.83	ft ³ /s
Discharge Full	0.77	ft ³ /s
Slope Full	0.00029	ft/ft
Flow Type	SubCritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Average End Depth Over Rise	0.00	%
Normal Depth Over Rise	35.60	%
Downstream Velocity	Infinity	ft/s

DRC Engineering

Ex Flow 4+06 MH Western

GVF Output Data

Upstream Velocity	Infinity	ft/s
Normal Depth	0.22	ft
Critical Depth	0.19	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00642	ft/ft

Ex Flow 17+06 MH Western

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Diameter	0.67	ft
Discharge	0.18	ft ³ /s

Results

Normal Depth	0.22	ft
Flow Area	0.10	ft ²
Wetted Perimeter	0.82	ft
Hydraulic Radius	0.12	ft
Top Width	0.63	ft
Critical Depth	0.19	ft
Percent Full	32.8	%
Critical Slope	0.00642	ft/ft
Velocity	1.79	ft/s
Velocity Head	0.05	ft
Specific Energy	0.27	ft
Froude Number	0.79	
Maximum Discharge	0.83	ft ³ /s
Discharge Full	0.77	ft ³ /s
Slope Full	0.00022	ft/ft
Flow Type	SubCritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Average End Depth Over Rise	0.00	%
Normal Depth Over Rise	32.83	%
Downstream Velocity	Infinity	ft/s

DRC Engineering

Ex Flow 17+06 MH Western

GVF Output Data

Upstream Velocity	Infinity	ft/s
Normal Depth	0.22	ft
Critical Depth	0.19	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00642	ft/ft

Ex Flow 27+82 MH 186th & Western

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Diameter	0.67	ft
Discharge	0.13	ft ³ /s

Results

Normal Depth	0.19	ft
Flow Area	0.08	ft ²
Wetted Perimeter	0.74	ft
Hydraulic Radius	0.11	ft
Top Width	0.60	ft
Critical Depth	0.16	ft
Percent Full	27.7	%
Critical Slope	0.00647	ft/ft
Velocity	1.63	ft/s
Velocity Head	0.04	ft
Specific Energy	0.23	ft
Froude Number	0.79	
Maximum Discharge	0.83	ft ³ /s
Discharge Full	0.77	ft ³ /s
Slope Full	0.00011	ft/ft
Flow Type	SubCritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Average End Depth Over Rise	0.00	%
Normal Depth Over Rise	27.69	%
Downstream Velocity	Infinity	ft/s

DRC Engineering

Ex Flow 27+82 MH 186th & Western

GVF Output Data

Upstream Velocity	Infinity	ft/s
Normal Depth	0.19	ft
Critical Depth	0.16	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00647	ft/ft

Worksheet for Pr Flow 4+06 MH Western

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Diameter	0.67	ft
Discharge	0.34	ft ³ /s

Results

Normal Depth	0.31	ft
Flow Area	0.16	ft ²
Wetted Perimeter	1.00	ft
Hydraulic Radius	0.16	ft
Top Width	0.67	ft
Critical Depth	0.27	ft
Percent Full	46.1	%
Critical Slope	0.00659	ft/ft
Velocity	2.12	ft/s
Velocity Head	0.07	ft
Specific Energy	0.38	ft
Froude Number	0.77	
Maximum Discharge	0.83	ft ³ /s
Discharge Full	0.77	ft ³ /s
Slope Full	0.00076	ft/ft
Flow Type	SubCritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Average End Depth Over Rise	0.00	%
Normal Depth Over Rise	46.13	%
Downstream Velocity	Infinity	ft/s

DRC Engineering

Worksheet for Pr Flow 4+06 MH Western

GVF Output Data

Upstream Velocity	Infinity	ft/s
Normal Depth	0.31	ft
Critical Depth	0.27	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00659	ft/ft

Pr Flow 17+06 MH Western

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Diameter	0.67	ft
Discharge	0.28	ft ³ /s

Results

Normal Depth	0.28	ft
Flow Area	0.14	ft ²
Wetted Perimeter	0.94	ft
Hydraulic Radius	0.15	ft
Top Width	0.66	ft
Critical Depth	0.24	ft
Percent Full	41.4	%
Critical Slope	0.00646	ft/ft
Velocity	2.02	ft/s
Velocity Head	0.06	ft
Specific Energy	0.34	ft
Froude Number	0.78	
Maximum Discharge	0.83	ft ³ /s
Discharge Full	0.77	ft ³ /s
Slope Full	0.00052	ft/ft
Flow Type	SubCritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Average End Depth Over Rise	0.00	%
Normal Depth Over Rise	41.42	%
Downstream Velocity	Infinity	ft/s

DRC Engineering

Pr Flow 17+06 MH Western

GVF Output Data

Upstream Velocity	Infinity	ft/s
Normal Depth	0.28	ft
Critical Depth	0.24	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00646	ft/ft

Pr Flow 27+82 MH 186th & Western

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Diameter	0.67	ft
Discharge	0.22	ft ³ /s

Results

Normal Depth	0.25	ft
Flow Area	0.12	ft ²
Wetted Perimeter	0.87	ft
Hydraulic Radius	0.13	ft
Top Width	0.65	ft
Critical Depth	0.22	ft
Percent Full	36.8	%
Critical Slope	0.00644	ft/ft
Velocity	1.90	ft/s
Velocity Head	0.06	ft
Specific Energy	0.30	ft
Froude Number	0.79	
Maximum Discharge	0.83	ft ³ /s
Discharge Full	0.77	ft ³ /s
Slope Full	0.00033	ft/ft
Flow Type	SubCritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Average End Depth Over Rise	0.00	%
Normal Depth Over Rise	36.81	%
Downstream Velocity	Infinity	ft/s

DRC Engineering

Pr Flow 27+82 MH 186th & Western

GVF Output Data

Upstream Velocity	Infinity	ft/s
Normal Depth	0.25	ft
Critical Depth	0.22	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00644	ft/ft

Worksheet for 190TH SWR

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00320	ft/ft
Diameter	0.67	ft
Discharge	0.10	ft ³ /s

Results

Normal Depth	0.17	ft
Flow Area	0.07	ft ²
Wetted Perimeter	0.71	ft
Hydraulic Radius	0.10	ft
Top Width	0.58	ft
Critical Depth	0.14	ft
Percent Full	25.3	%
Critical Slope	0.00656	ft/ft
Velocity	1.39	ft/s
Velocity Head	0.03	ft
Specific Energy	0.20	ft
Froude Number	0.70	
Maximum Discharge	0.75	ft ³ /s
Discharge Full	0.69	ft ³ /s
Slope Full	0.00006	ft/ft
Flow Type	SubCritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Average End Depth Over Rise	0.00	%
Normal Depth Over Rise	25.31	%
Downstream Velocity	Infinity	ft/s

DRC Engineering

Worksheet for 190TH SWR

GVF Output Data

Upstream Velocity	Infinity	ft/s
Normal Depth	0.17	ft
Critical Depth	0.14	ft
Channel Slope	0.00320	ft/ft
Critical Slope	0.00656	ft/ft

APPENDIX E

Record Drawings:

City of Torrance Atlas Map SS-16

City of Torrance Atlas Map SS-22

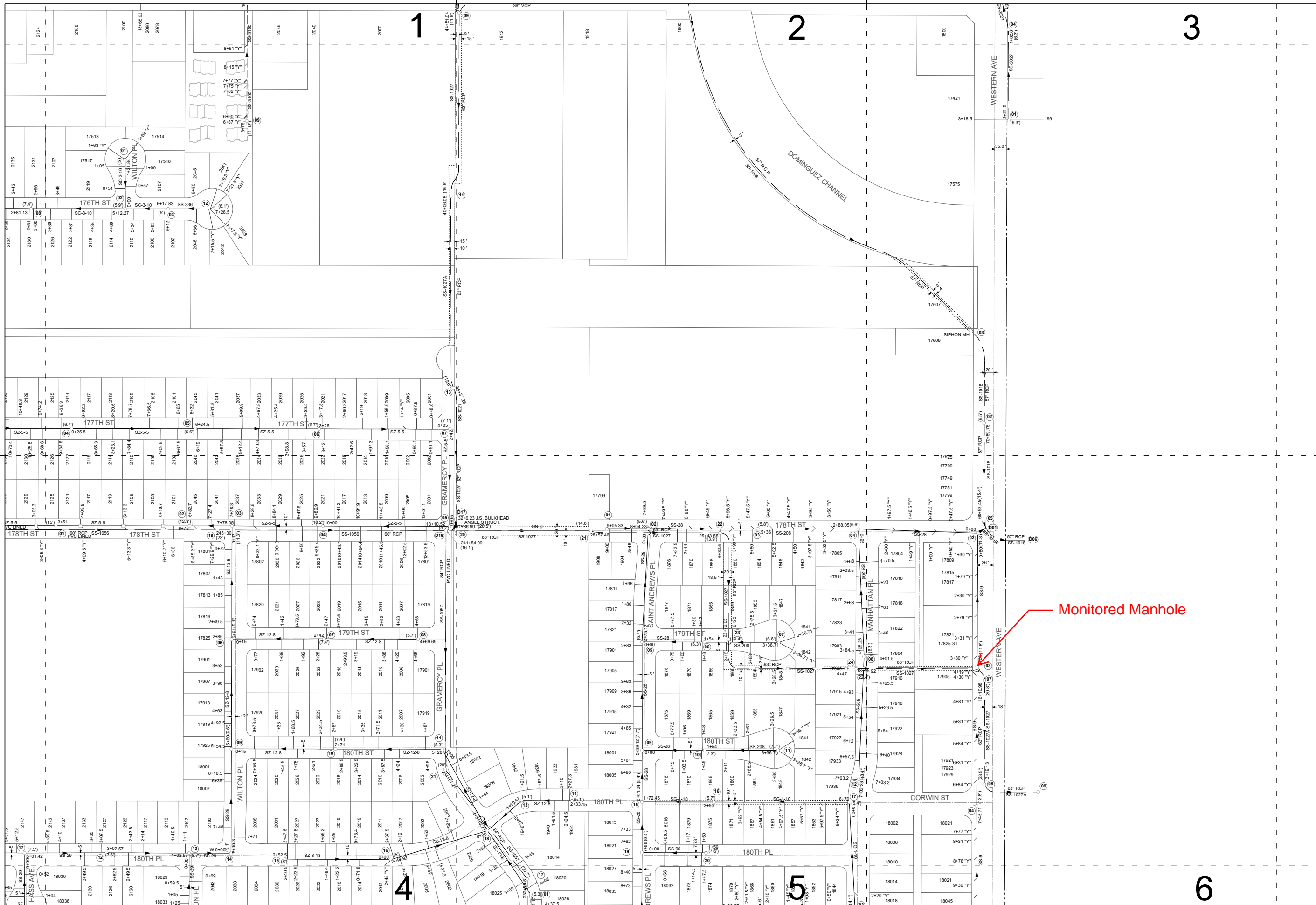
City of Torrance Atlas Map SS-29

As-Built Drawings SS-9

As-Built Drawings SS-17

As Built Drawings SS-102

As Built Drawings SS-214



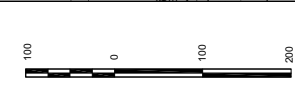
CITY OF TORRANCE

SANITARY SEWERS

DRAWN: TT DATE: July 14, 2017
 CHECKED: NA, SY REV:

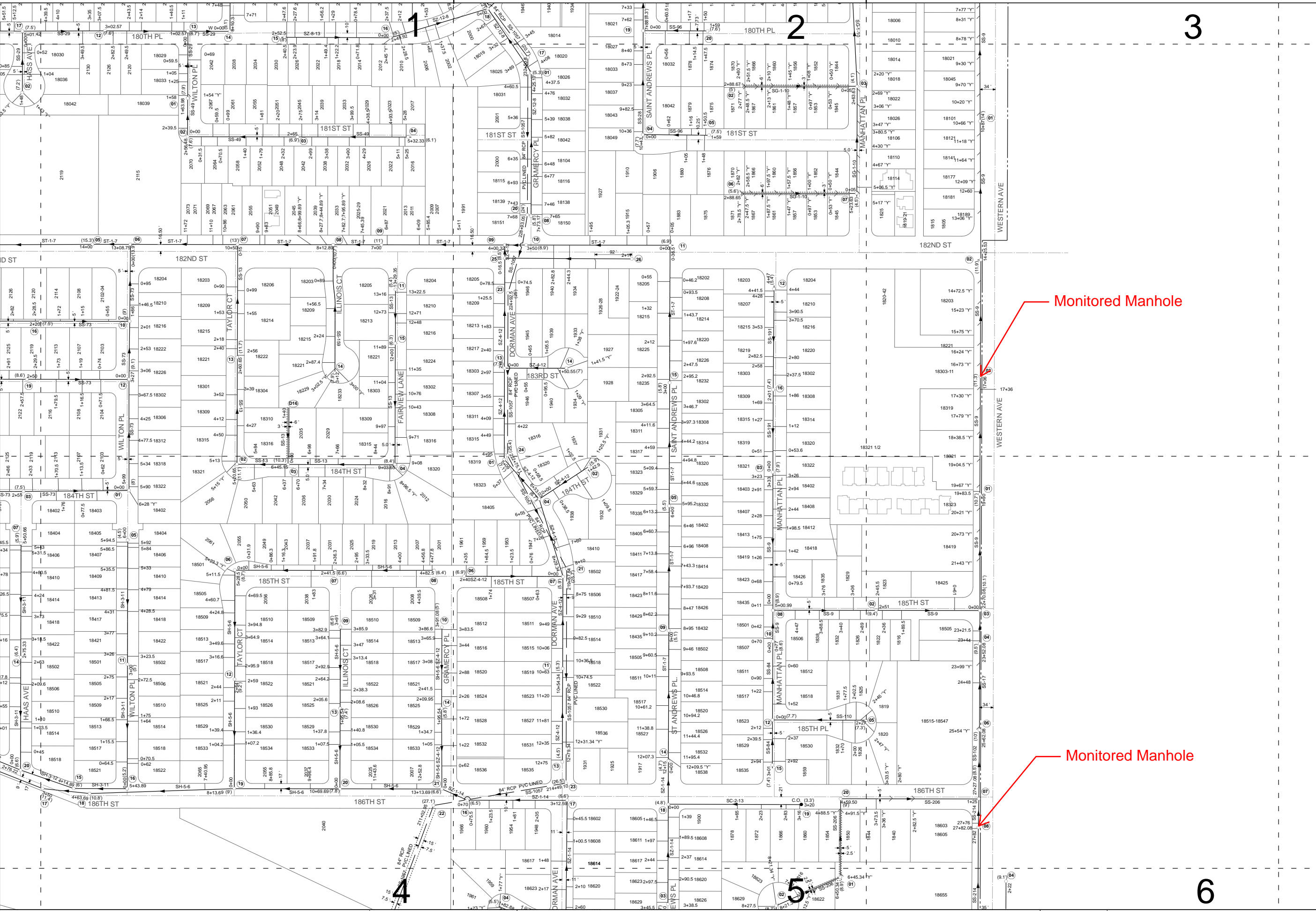
LEGEND

- 1" = 0'0" H.C. TO P.L.
- 0" = 0'0" H.C. TO C.O.
- 0" = 0'0" H.C. TO CURB
- CHIMNEY
- LIFT STATION M.H.
- 8" SEWER UNLESS INDICATED
- STA. DEPTH 0' + 0.0 (6.6')
- PLAN NO.
- COUNTY SEWER
- PRIVATE SEWER
- ABAND. SEWER & M.H.
- STREET CENTER LINE
- SEWER EASEMENT



10	11	11E
15	16	16E
21	22	22E

SHEET NO. 16



CITY OF TORRANCE

SANITARY SEWERS
 DRAWN: IT DATE: Aug 28, 2012
 CHECKED: NA REV:

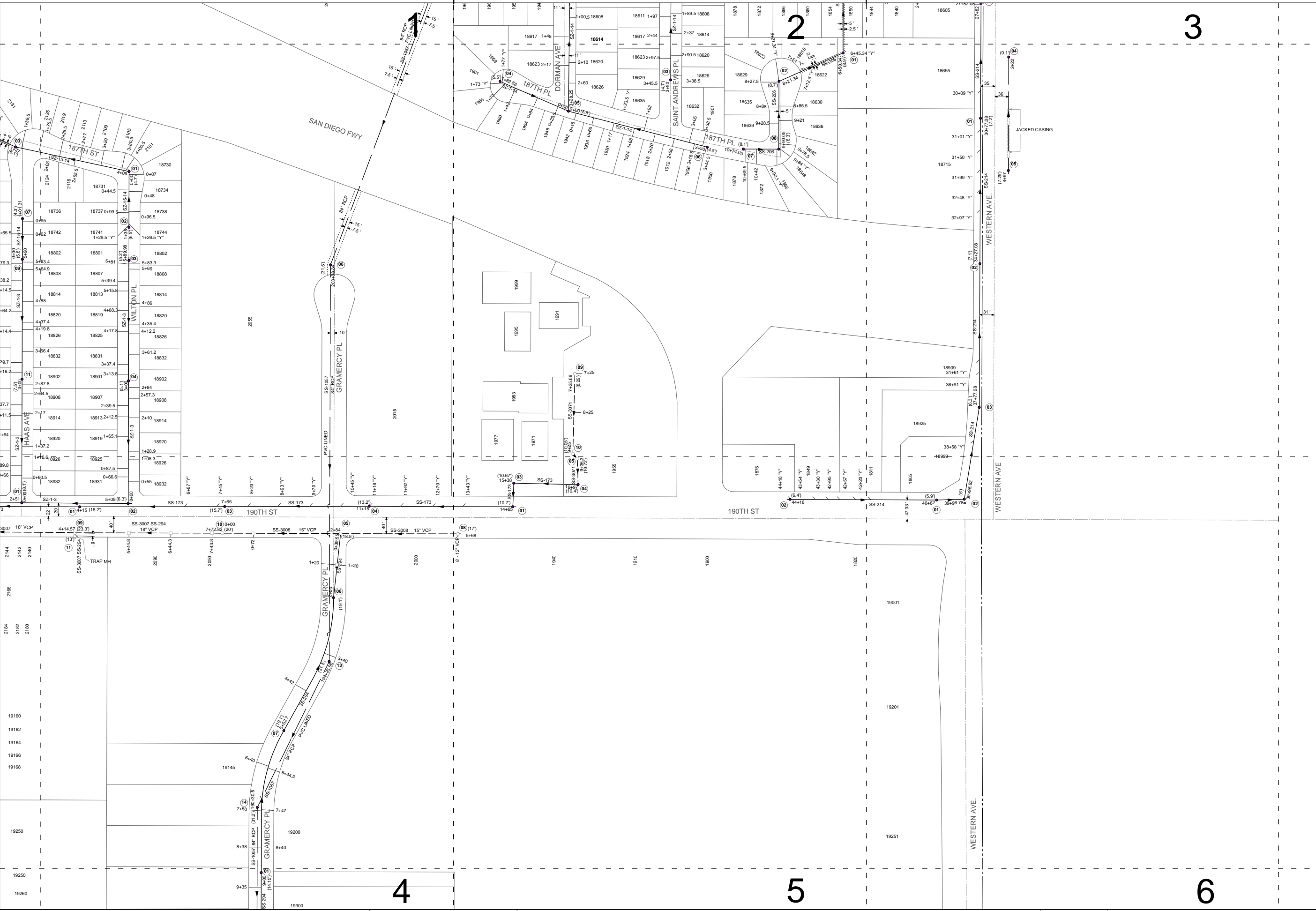
LEGEND
 8" SEWER UNLESS INDICATED
 STA. DEPTH 0+00 (6.6)
 LIFT STATION M.H.
 CHIMNEY
 1+00 H.C. TOP
 0+00 C.O.
 1" PVC
 1" CURB

COUNTY SEWER
 PRIVATE SEWER
 ABAND. SEWER & MH
 STREET CENTER LINE
 SEWER EASEMENT



15	16	16E
21	22	22E
28	29	29E

SHEET NO.22



CITY OF TORRANCE

SANITARY SEWERS

DRAWN: IT DATE: Feb 10, 2015
 CHECKED: NA, SY REV:

LEGEND

- 1 + 00 H.C. TO PL
- 0 + 80
- 0.75" C.O.
- 0.50" C.I.C.D.
- 0.50" CURB
- CHIMNEY
- 8" SEWER UNLESS INDICATED
- STA. DEPTH
- 0 + 00 (6.6)
- SS-100 PLANNING
- COUNTY SEWER
- PRIVATE SEWER
- ABAND. SEWER & MH
- STREET CENTER LINE
- SEWER EASEMENT



21	22	22E
28	29	29E
36	37	37E

SHEET NO.29

① WESTERN AVENUE

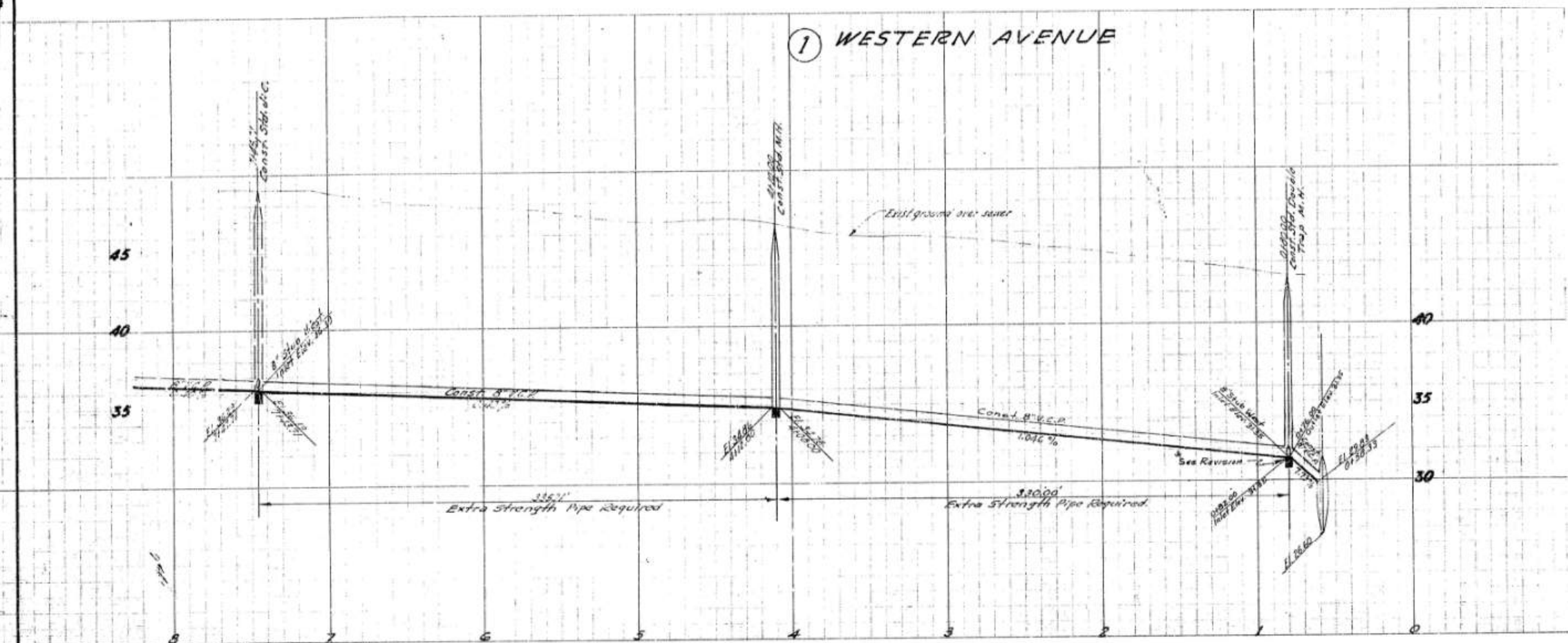
PLAN AND PROFILE
SANITARY SEWERS IN

- ① WESTERN AVENUE
FROM 20' N'LY OF 178TH STREET TO 82' S'LY OF 186TH STREET.
 - ② 185TH STREET
FROM MANHATTAN PLACE TO WESTERN AVE.
 - ③ & ④ MANHATTAN PLACE
FROM 185TH STREET TO 82' FT. S'LY. AND
FROM 185TH STREET TO 328 FT. N'LY.
- (TRACT NO. 25033 & OFFSITE)

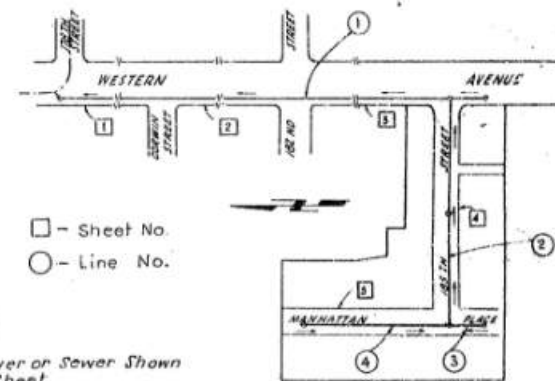
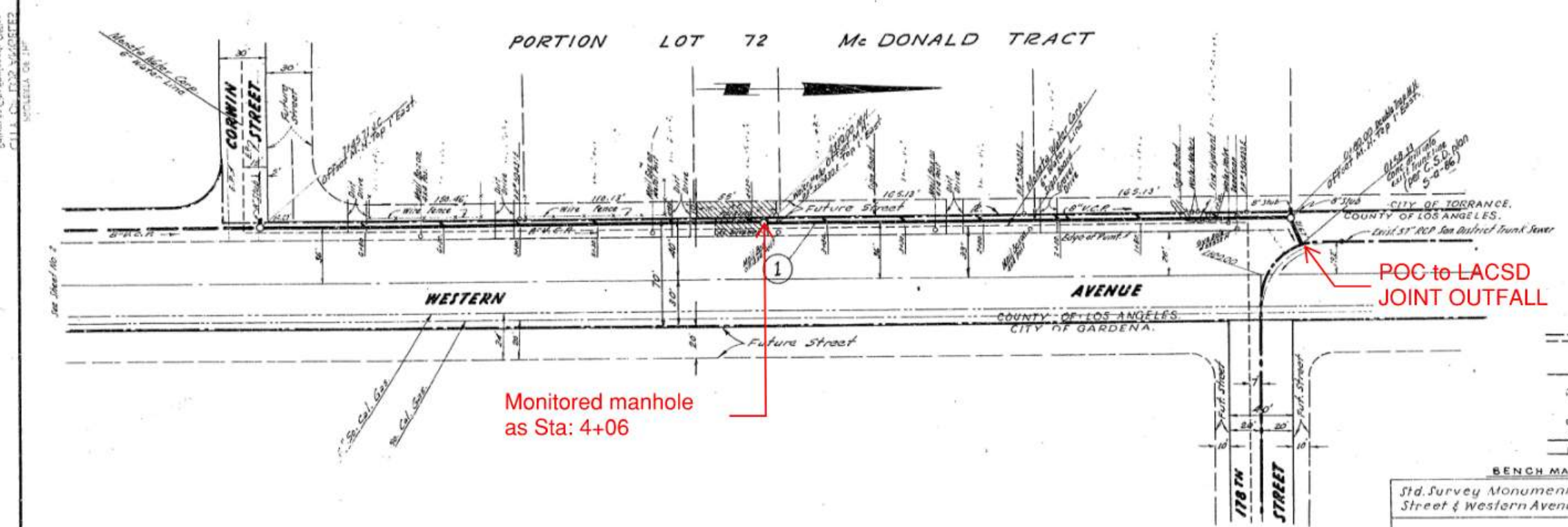
SCALES
HORIZ - 1"=40'
VERT - 1"=4'

NOTES:

1. All work shall be done in accordance with Standards and Specifications of the City of Torrance, California, to the satisfaction of the City Engineer.
2. All necessary permits will be obtained before beginning construction.
3. Bottom of trench shall have 4 inches of pea gravel below subgrade if other than sand is encountered.
4. The contractor shall install plugged "Y"s and H.C. laterals as indicated on the plans.
5. Before breaking into any existing structure and before final acceptance of this work the Office of County Sanitation District No. 5 must be notified in order that required inspection may be made.
6. Contractor will reset all manhole frames & covers to finished grade including those on County Sanitation Dist. trunk lines.
7. It shall be the responsibility of the contractor to locate and protect all structures (including substructures) shown hereon. The contractor will bear the entire cost of repairing any of said structures damaged by him during the prosecution of the work.
8. Trenches in shoulders, driveways, etc. shall be resurfaced in kind. Trenches cut in street paving shall be resurfaced with 4" A.C. on 12" untreated rock base.
9. Torrance Standard Drawings which apply: Std. M.H. - A2; J.C. - A3; M.H. Frame and Cover - A12 Std. Double Trap M.H. to be per L.A. County San. Dist. No. 5 Std. Drwg. No. 5-a-210.
10. The contractor shall notify all public utility companies and owners of all private facilities within the area of construction 48 hours in advance of performing any work within said area.
11. Crossing 182nd St.: Sawcut P.C.C. Paving; Compact Backfill to 90% Compaction at 36" depth; Resurface with 4" A.C. over 16" untreated rock base.



PORTION LOT 72 Mc DONALD TRACT



KEY MAP
SCALE 1"=200'
TRACT NO. 25033

- LEGEND
- Exist. San Sewer or Sewer Shown on Another Sheet.
 - San. Sewer to be Constructed.
 - Exist. M.H. or M.H. Shown on Another sheet.
 - M.H. to be Constructed.
 - 8"x6" plugged Y to be Constructed.
 - H.C. lateral to be Constructed.

BENCH MARK
Std. Survey Monument at E. of 186TH Street & Western Avenue Elev. 52.935

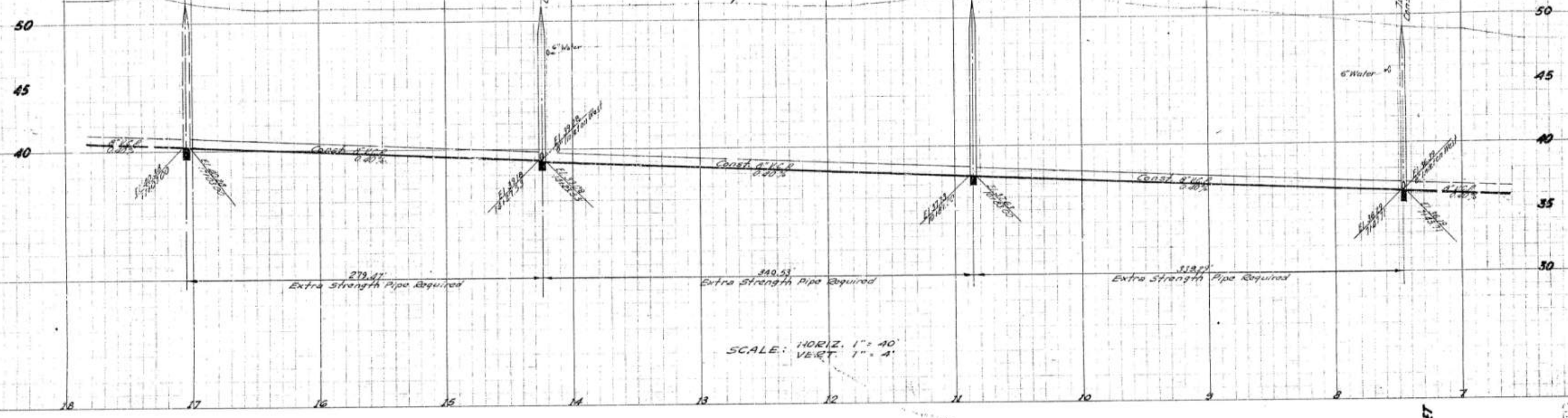
APPROVED C.R. COMPTON CHIEF ENGINEER
CO. SAN. DIST. NO. 5
BY: [Signature] OFFICE ENGINEER

Prepared in the offices of:
BARCLAY-PEARSON CO., INC.
343 HAWTHORNE WAY,
HAWTHORNE, CALIFORNIA.

REVISIONS		
MARK	DATE	DESCRIPTION
*	5-18-60	M.H. 0-8000 - R Changed from Elev. 32.02 to Elev. 31.35

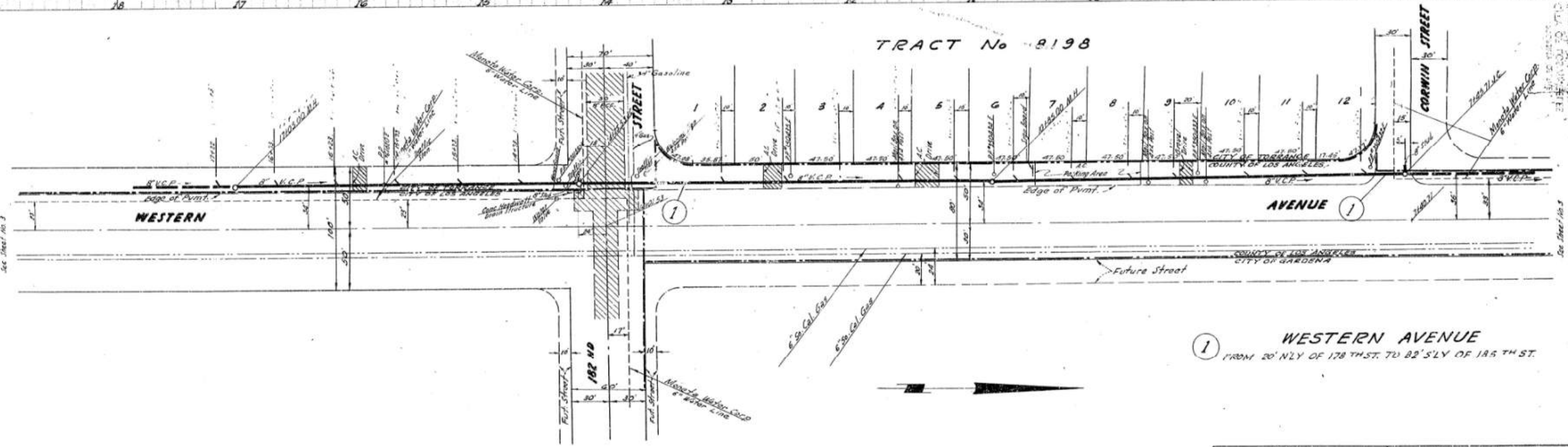
CITY OF TORRANCE
ENGINEERING DIVISION
DRAWN BY PRIVATE ENGINEER
DESIGNED BY PRIVATE ENGINEER
CHECKED BY: [Signature]
APPROVED: [Signature] 10/20/60
CITY ENGINEER P.C.E. NO. 870

① WESTERN AVENUE



SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'

TRACT No 8198



① WESTERN AVENUE
FROM 20' NLY OF 178 TH ST. TO 82' SLY OF 186 TH ST.

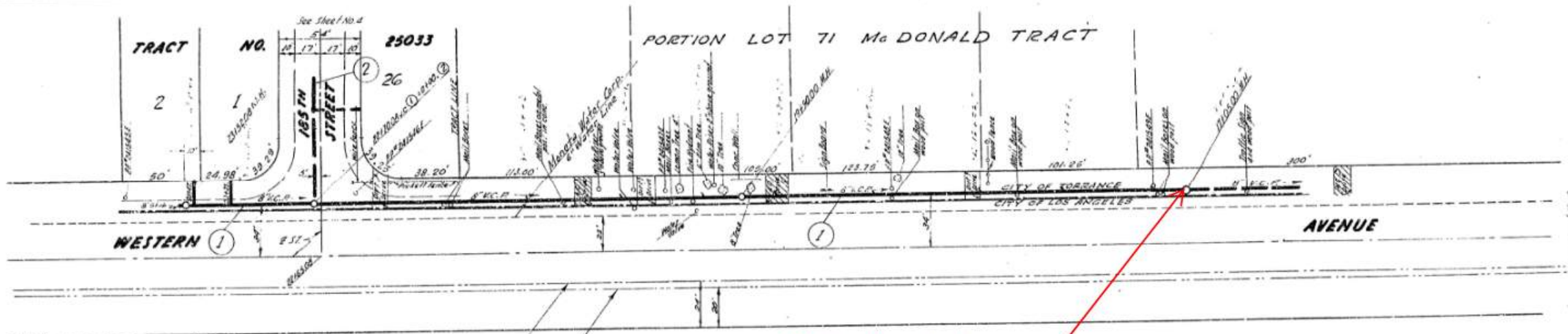
Prepared in the offices of
BARCLAY-PEARSON CO., INC.
343 HAWTHORNE WAY,
HAWTHORNE, CALIFORNIA.
By: *Edward J. Simon*

REVISIONS			CITY OF TORRANCE ENGINEERING DIVISION
MARK	DATE	DESCRIPTION	
			DRAWN BY _____
			DESIGNED BY _____
			CHECKED BY <i>W. M. Miller</i>
			APPROVED <i>March 28 1960</i>
			<i>W. M. Miller</i> CITY ENGINEER R.C.E. NO. 8175
			PLAN NO. SF 19 55-9

① WESTERN AVENUE



SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'



Monitored manhole
as Sta: 17+06

① WESTERN AVENUE
FROM 20' NLY OF 178TH ST. TO 82' SLY OF 185TH ST.

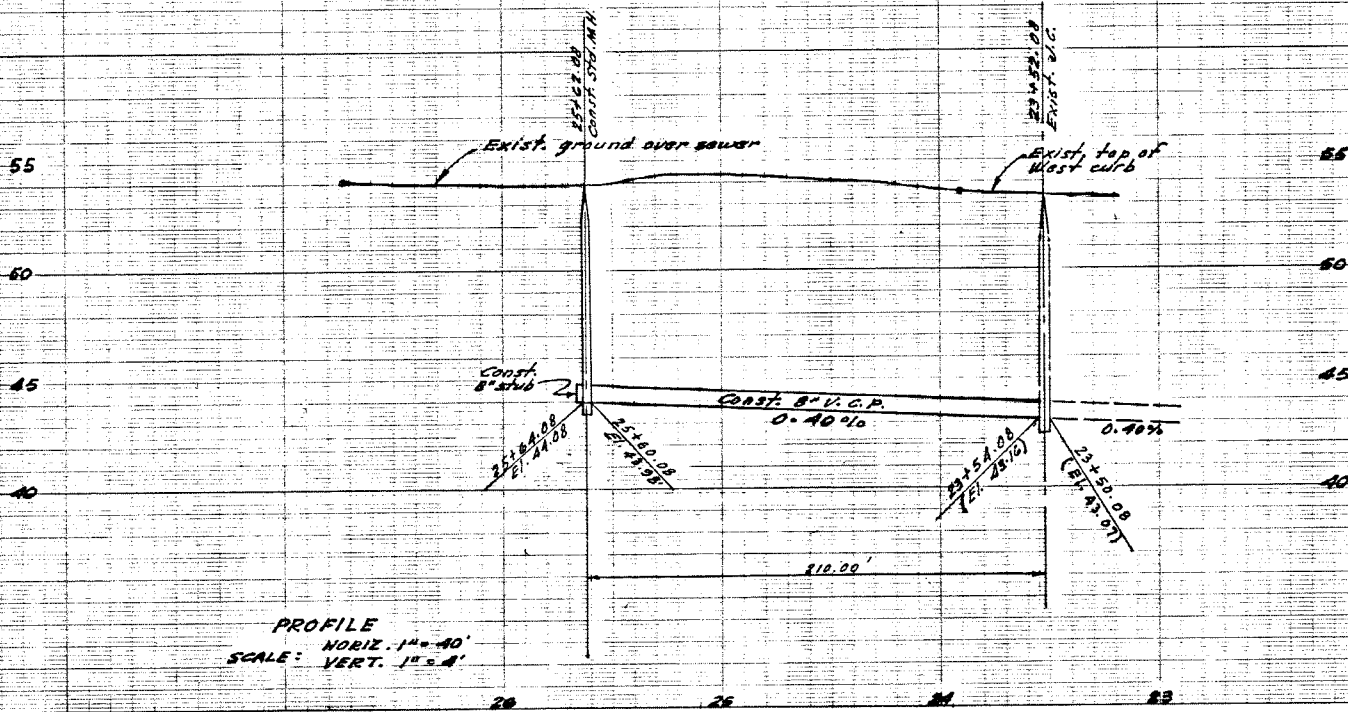
Prepared in the offices of:
BARCLAY-PEARSON CO., INC.
343 HAWTHORNE WAY,
HAWTHORNE, CALIFORNIA
By: *David Pearson*
R. E. No. 9783

REVISIONS			CITY OF TORRANCE ENGINEERING DIVISION	
MARK	DATE	DESCRIPTION	DRAWN BY	
			DESIGNED BY	
			CHECKED BY	
			APPROVED	<i>March 28, 1960</i>
			<i>John M. Nelson</i>	CITY ENGINEER R. C. E. NO. 8417
SHEET 3 OF 3 SHEETS			PLAN NO.	5F-19 SS-9

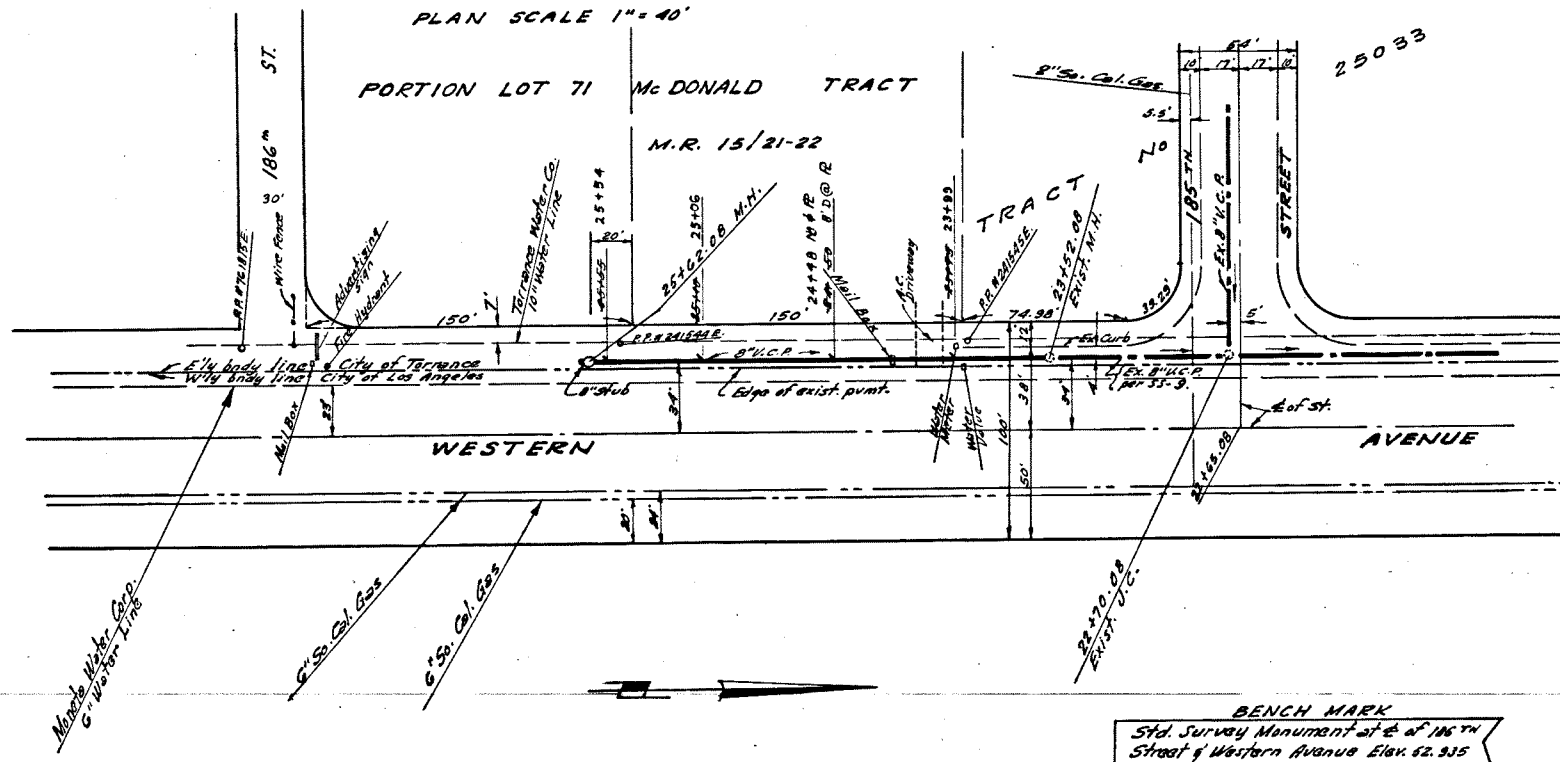
DL2451

WESTERN AVENUE

PLAN AND PROFILE
 SANITARY SEWERS IN
 WESTERN AVENUE
 FROM 87' 5" LY OF 185TH ST. TO 200' 5" LY.



- All work shall be done in accordance with standards and specifications of the City of Torrance, California, to the satisfaction of the City Engineer.
- All necessary permits will be obtained before beginning construction.
- Bottom of trench shall have 4 inches of pea gravel below subgrade if other than sand is encountered.
- The contractor shall install plugged "Y" and H.C. laterals as indicated on the plans.
- Before breaking into any existing structure and before final acceptance of this work the Office of County Sanitation No. 5 must be notified in order that required inspection may be made.
- Contractor will reset all manhole frames & covers to finished grade.
- It shall be the responsibility of the contractor to locate and protect all structures (including substructures) shown hereon. The contractor will bear the entire cost of repairing any of said structures damaged by him during the prosecution of this work.
- Trenches in shoulders, driveways, etc. shall be resurfaced in kind. Trenches cut in street paving shall be resurfaced with 4" H.C. on 12" U.C.B.
- Torrance Standard Drawings which apply: Std. M.H. = A-2
M.H. frame and cover = A-12
- The contractor shall notify all public utility companies and owners of all private facilities within the area of construction 48 hours in advance of performing any work within said area.
- Existing improvements removed or damaged during construction shall be replaced or repaired to the satisfaction of the owner.



- LEGEND**
- Exist. San Sewer or Sewer Shown on Another Sheet
 - San. Sewer to be Constructed.
 - Exist. M.H. or M.H. Shown on Another Sheet.
 - M.H. to be Constructed.
 - 8"x6" plugged "Y" to be Constructed.
 - H.C. Lateral to be Constructed.
- As built corr. made 10-24-62 by D.D.D

NO CONNECTIONS FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS WITHOUT WRITTEN PERMISSION FROM THE CHIEF ENGINEER AND GENERAL MANAGER OF THE COUNTY SANITATION DISTRICTS.

J. D. Parkhurst
 Chief Engineer of S. C. Sanitation Dist. No. 5
 Approved By: *[Signature]*
 Office Engineer

Prepared in the offices of:
BARCLAY-PEARSON CO., INC.
 343 HAWTHORNE WAY,
 HAWTHORNE, CALIFORNIA.
[Signature]
 R.C.E. No. 3783

REVISIONS			CITY OF TORRANCE ENGINEERING DIVISION
MARK	DATE	DESCRIPTION	
			DRAWN BY: _____
			DESIGNED BY: _____
			CHECKED BY: <i>[Signature]</i>
			APPROVED <i>[Signature]</i> May 8 1962
			CITY ENGINEER R.C.E. NO. 8475
SHEET 1 OF 1 SHEET			SCALE: As shown
PLAN NO. SS-17			

Western Ave. S/O 185 ST.

SS-17

SS-17

SS-214 1-3
 7/0 Western Ave. & 190th St. - 186th St.

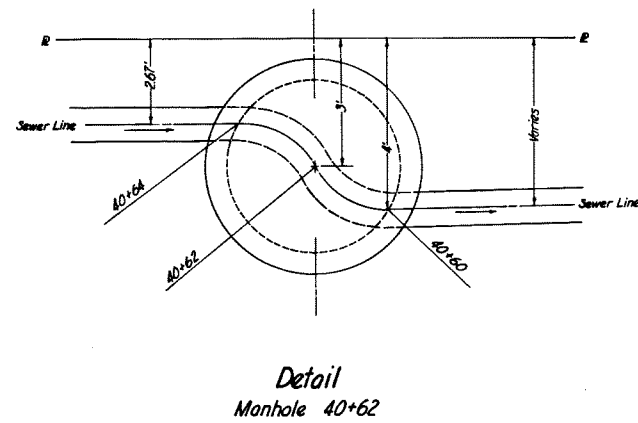
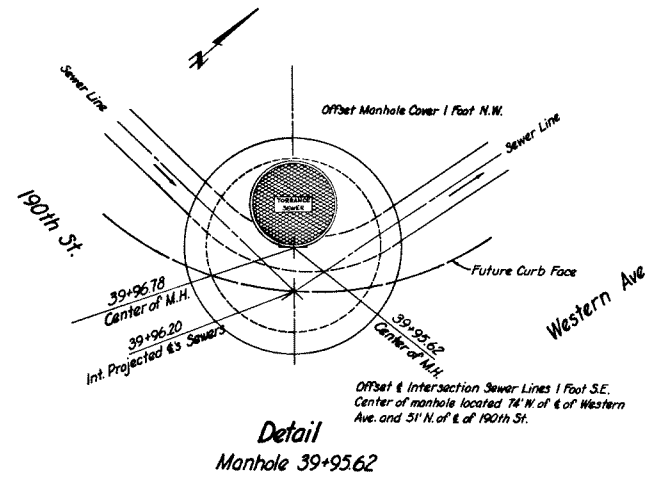
MS-22

MS-22

General Notes

1. It shall be the responsibility of the Contractor to locate and protect all structures (including substructures) shown hereon. The Contractor shall bear the entire cost of repairing any of said structures damaged by him during prosecution of the work.
2. The Contractor shall notify all public utility companies and owners of private facilities within the area of construction 48 hours in advance of performing any work within said area.
3. Before breaking in to any existing structures and before final acceptance of this work, County Sanitation District must be notified in order that required inspection may be made.
4. All required permits shall be obtained before beginning construction.
5. All work shall be done in accordance with the specifications of the City of Torrance to the satisfaction of the City Engineer.
6. Stationing is on sewer centerline.
7. Trench resurfacing shall be 6" A.C. on 12" A.B.
8. Bedding and reinforcement shall be per SS-19.
9. No connections for the disposal of industrial wastes shall be made to sewers shown on these drawings without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

Plan and Profile
 of Sanitary Sewer in
Western Avenue
 from 186th St. to 190th St.
 and in
190th Street
 from Western Ave. to 494 Feet ± Westerly



City of Torrance Standard Drawings

- SS-8 Std. San. Sewer Manhole
- SS-10 Std. San. Sewer Manhole Frame & Cover
- SS-11 Std. Manhole Step
- SS-19 San. Sewer Bedding & Reinforcement

Legend

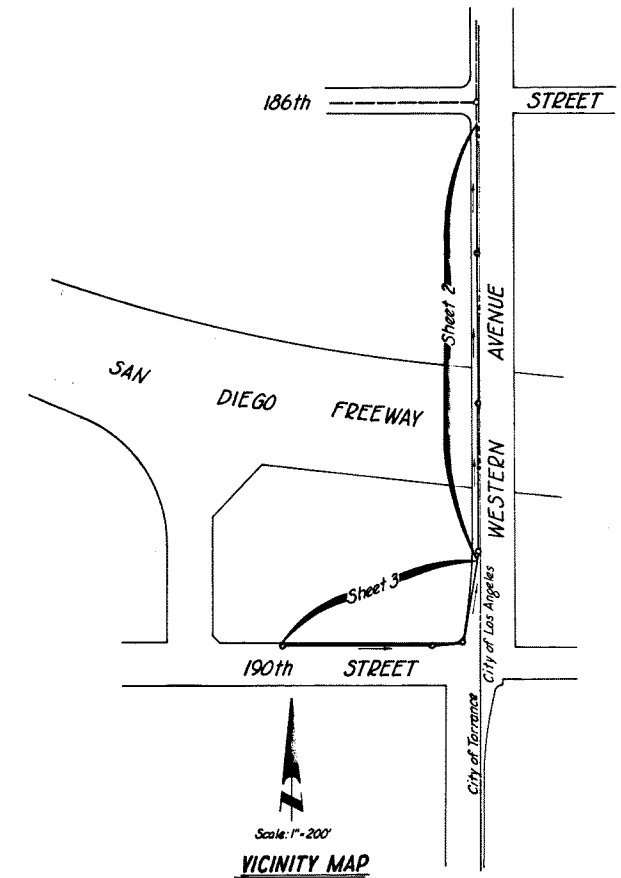
- Existing Sewer
- Sewer to be Constructed
- Existing Manhole
- Manhole to be Constructed
- "T" to be Constructed; "Y" may be used in lieu of "T".

References

- F.B. 33-r-18
- F.B. 44-r-22
- SS-102
- ST-221
- ST-249
- ST-462

Bench Mark
 Torrance 473
 Chiseled "C" at N.W. cor. of
 int. of 186th St. and Western
 Ave. on top of curb at 4/2 of
 curb return.
 1960 Adj. Elev. = 53.82'

Bench Mark
 53-5-1
 L.A. Co. Engr. brass cap man.
 in sidewalk 51' N. of E. of 190th
 St. and 41' E. of E. of Van Ness Ave.
 1960 Adj. Elev. = 62.62



REVISION	DATE	DESCRIPTION	BY	CHECKED

CITY OF TORRANCE
ENGINEERING DEPARTMENT

Approved:
 J.D. Parkhurst, Chief Engineer
 County Sanitation District No. 5
 By: *J. Parkhurst*
 Office Engineer Date

DRAWN: Byrd
 DESIGNED: R.O. Beckman
 REVIEWED: C.E. Boushous
 RECOMMENDED: M. Allen Weaver
 DATE: Sept. 10, 1968
 ASSISTANT CITY ENGINEER

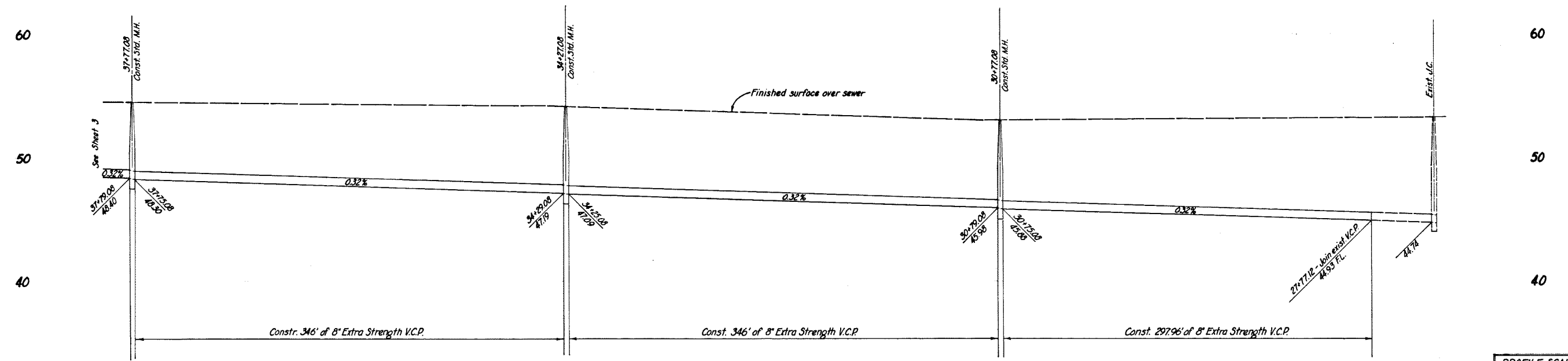
APPROVED: *W.M. Miller*
 DATE: 9-12-68
 CITY ENGINEER R.C.E. NO. 8415
 SCALE: As Shown SHEET 1 OF 3
 PLAN NO. SS-214

AS BUILT, PER
 RALPH ZIEGLER
 12-30-68.

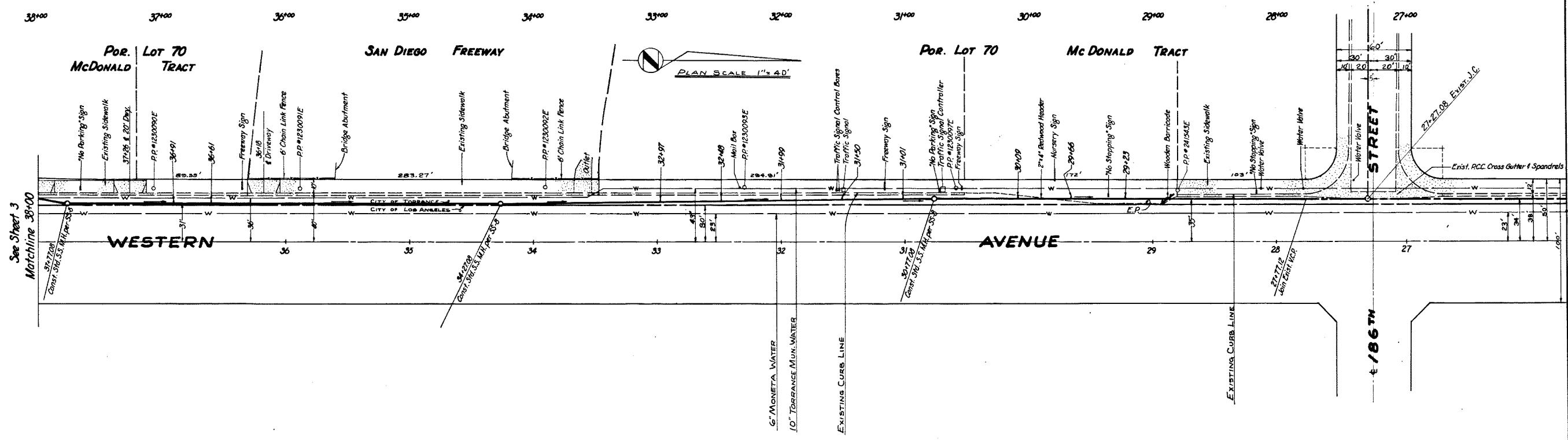
SS-214 2-3
 1/2 Western Ave. & 190th St ~ 186th St

22-514

22-514



PROFILE SCALE
 Horiz.: 1"=40'
 Vert.: 1"=4'



REVISION	DATE	DESCRIPTION	BY	CHECKED

**CITY OF TORRANCE
 ENGINEERING DEPARTMENT**

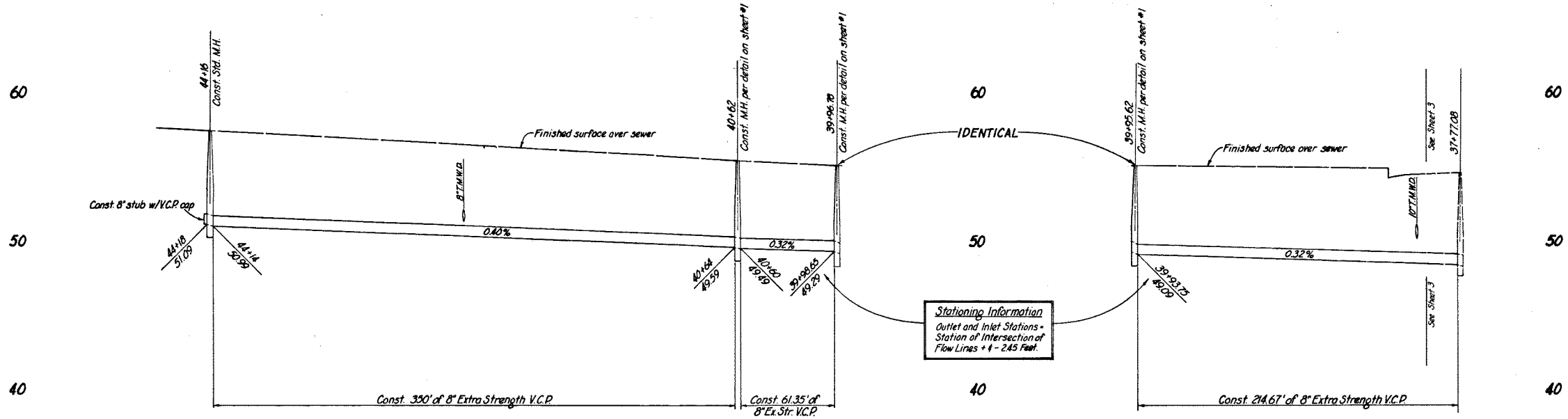
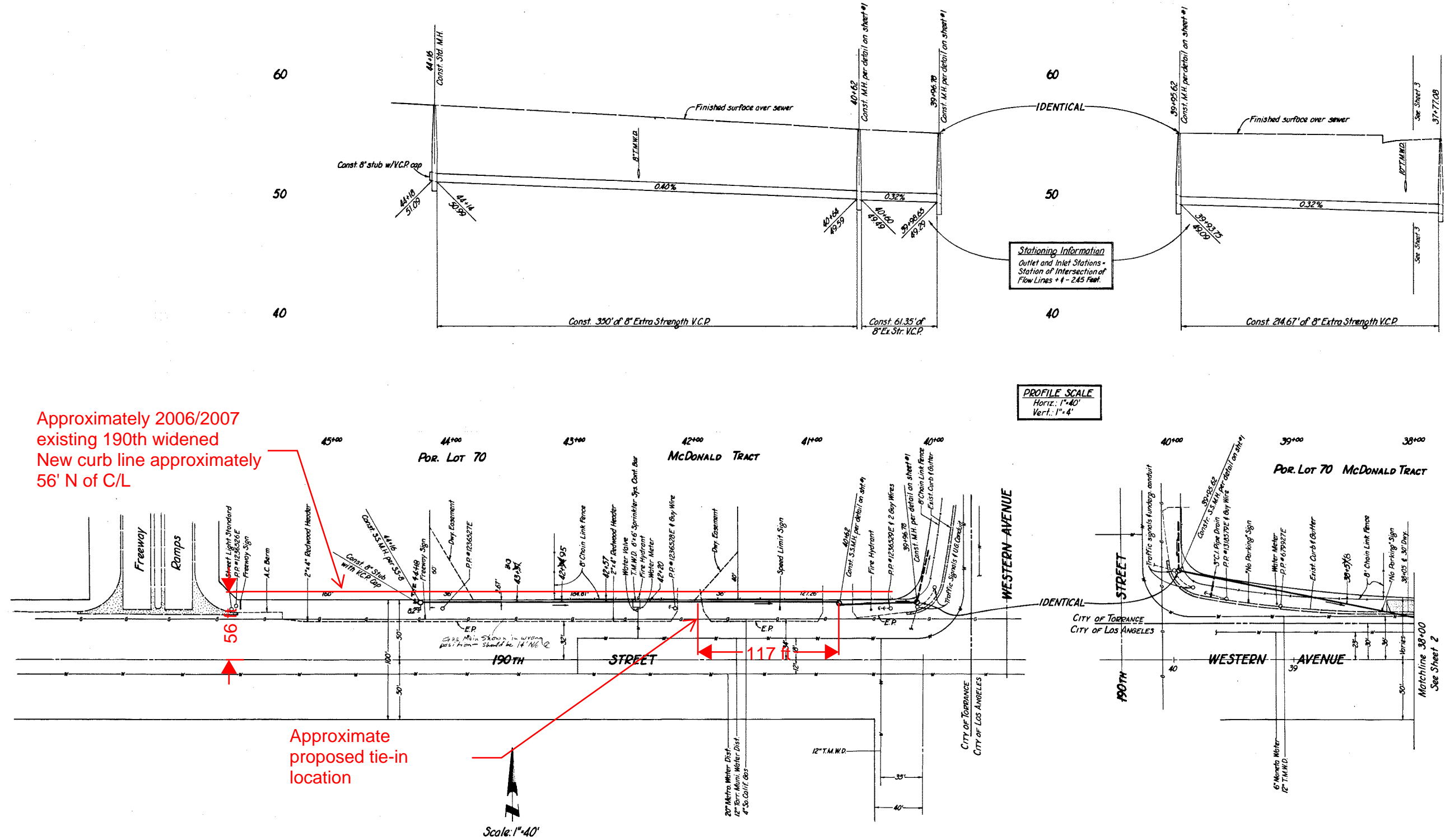
DRAWN: <i>Byrd</i>	APPROVED:
DESIGNED: <i>R. B. Beckman</i>	9-18-68 <i>W.M. Miller</i>
REVIEWED: <i>S. B. Bowman</i>	DATE CITY ENGINEER R.C.E. NO. 8415
RECOMMENDED: <i>M. Blum</i>	SCALE: <i>As Shown</i> SHEET 2 OF 3
DATE ASSISTANT CITY ENGINEER	PLAN NO. <i>SS-214</i>

AS BUILT, PER
 RALPH ZIEGLER
 12-30-68. (B2)

SS-214 3-3
 1/2 Western Ave. @ 190th St ~ 186th St

Approximately 2006/2007
 existing 190th widened
 New curb line approximately
 56' N of C/L

Approximate
 proposed tie-in
 location



Stationing Information
 Outlet and Inlet Stations -
 Station of Intersection of
 Flow Lines + 4 - 245 Feet

PROFILE SCALE
 Horiz.: 1"=40'
 Vert.: 1"=4'

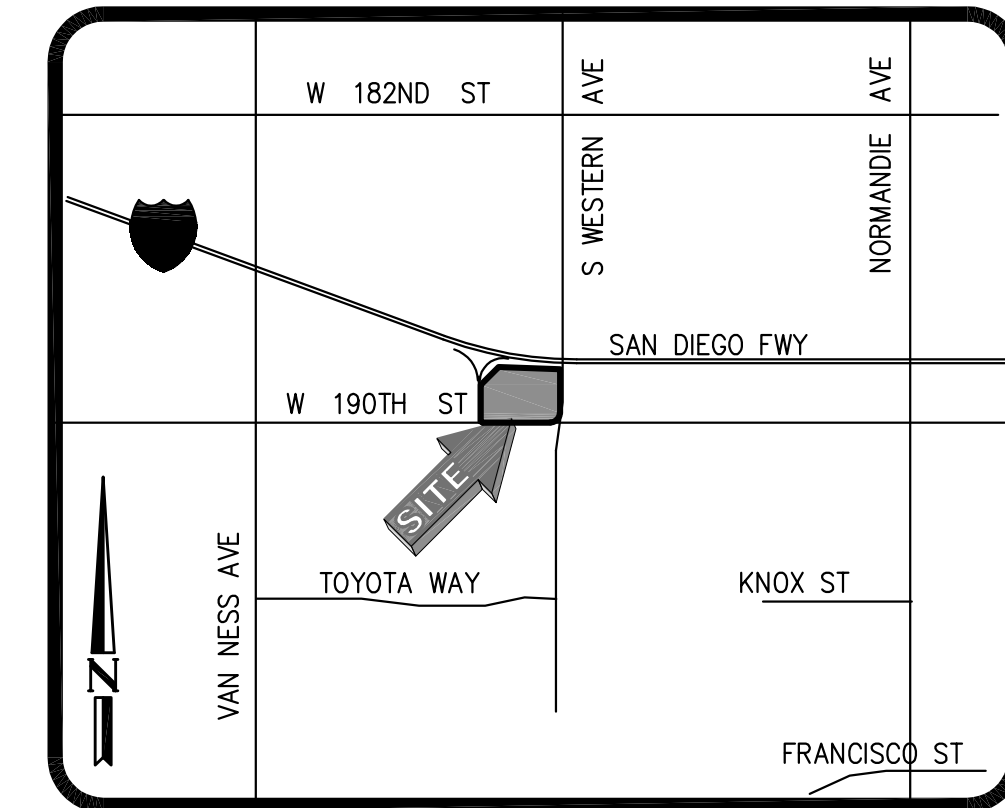
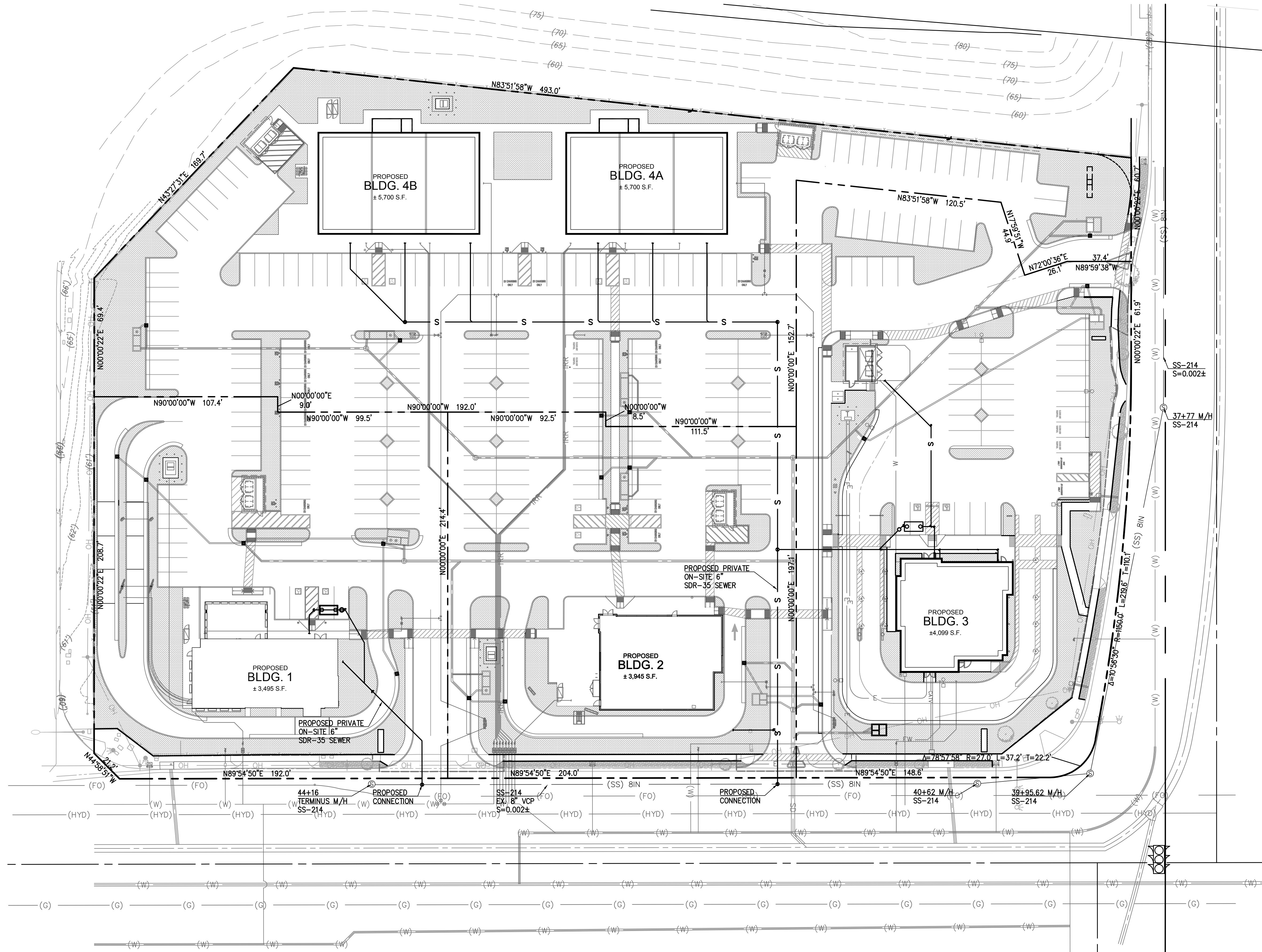
Scale: 1"=40'

REVISION	DATE	DESCRIPTION	BY	CHECKED
CITY OF TORRANCE ENGINEERING DEPARTMENT				
DRAWN: <i>Byrd</i>		APPROVED: <i>W.M. Miller</i>		
DESIGNED: <i>R.Q. Bachman</i>		DATE: <i>9-12-68</i> CITY ENGINEER R.C.E. NO. 8415		
REVIEWED: <i>C. Baumbach</i>		SCALE: <i>As Shown</i> SHEET <i>3</i> OF <i>3</i>		
RECOMMENDED: <i>M. Alan Weaver</i>		PLAN NO. <i>SS-214</i>		
DATE: <i>Sept 10, 1968</i>		ASSISTANT CITY ENGINEER		

AS BUILT, PER
 RALPH ZIEGLER
 12-30-68. (CE)

CONCEPTUAL SITE PLAN FOR SEWER STUDY

PROPOSED TORRANCE CENTER NWC WESTERN AVENUE AND 190TH STREET TORRANCE, California



Building	Use	SF	SWR Flow gpd (1)	SWR Flow cfs	SWR Flow Peaked (cfs)	SWR Flow Peaked (MGD)
One	R	3500	3500	0.0054	0.0143	0.0093
Two	R	3950	3950	0.0061	0.0162	0.0105
Three	R	4870	4870	0.0075	0.0200	0.0129
Four (A)	R	5700	5700	0.0088	0.0234	0.0151
Four (B)	R	5700	5700	0.0088	0.0234	0.0151
Overall Site		23720	23720	0.0367	0.0972	0.0629

(1) SEWER FLOW GENERATION PER TABLE 1 OF LA CO. SANITATION WILL SERVE LOADING FOR CLASS OF LAND USE
 (2) 2.65 PEAKING FACTOR
 (3) BUILDING 3 SHOWN AS CURRENT PROPOSED 4,100±SF RESTAURANT, 4,870 SF POTENTIAL ULTIMATE BUILD OUT SIZE UTILIZED FOR STUDY

160 S. Old Springs Road
 Suite 210
 Anaheim Hills, CA 92808
 714-685-6860

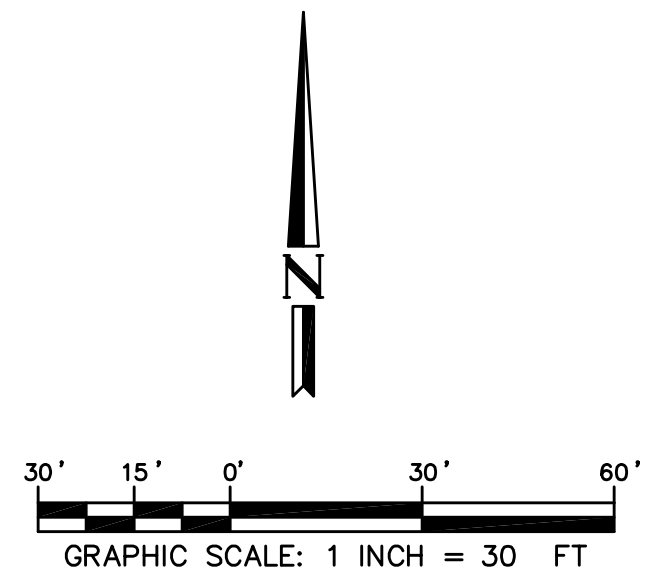
DRRC Engineering, Inc.
 Civil Engineering/Land Surveying/Land Planning

LEPHTA BRANDER
 R.C.E. 83997

NO.	REVISION	DATE

**CALBAY TORRANCE
 190TH ST &
 CITY OF TORRANCE
 SITE PLAN**

PROJECT: CALBAY TORRANCE
 DATE: 2021/09/20
 CHECKED: JB DRAWN: JS
 DRAWING FILE: 18935CG100
 PROJECT NO.: 18-035
 SHEET NUMBER: 1
 OF 1 SHEETS
 SCALE: AS SHOWN



NOT FOR CONSTRUCTION

FILENAME: M:\2018\18-035 Calbay Torrance\Appendices\Appendix A Maps\18-035 Torrance SP.dwg, LAST SAVED ON: Sep 20 2021 12:03pm PLOTTED BY: JAY, ON: Sep 21 2021 11:18am, CFG: