Santa Fe – Nutrient Loading and Removal Optimization Study RFP Questions

Facility Design and Plant Data

We would appreciate the opportunity to review the following drawings if you can make them available: In Addendum 2, the City has provided process drawings it deems sufficient to develop a proposal for this scope of work and are uploaded to the City's website at http://www.santafenm.gov/wastewater_division . All record drawing will be made available once study begins.

   a. Diffuser system in the aeration basins.
   b. Mechanical drawings of the anaerobic selectors.

2. Please send a list of the design criteria and process flow diagrams for the liquid and solids processes for the solids and liquids train. Attached is flow diagram and hydraulic model.
3. Please send a list of the DO readings staff collects in the aeration basins for a representative period if available. Attached

Available Data and Conditions Questions

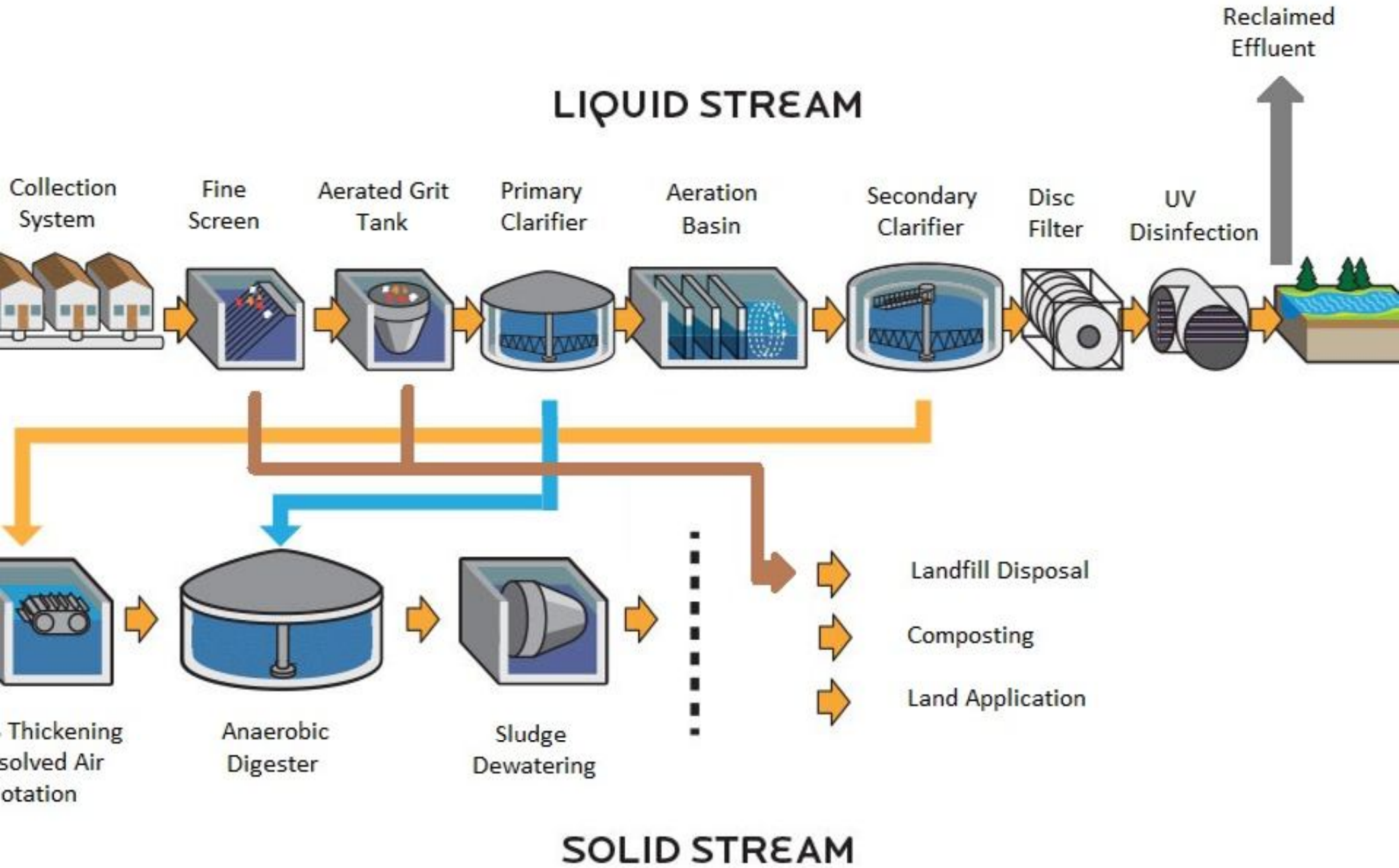
1. We see that there are some nutrient data available on the City of Santa Fe website. Would you please let us know if you have continuous pH, DO (mg/L and % saturated) temperature, and conductivity data for the WWTP effluent and stream sites below the outfall? There is no continuous pH, DO, Temperature, or conductivity data.
2. Have there been any other restoration projects completed since 1998 in the area of concern below the WWTP? If so, have there been any data collected to estimate the effectiveness of projects (i.e. reduced N, P, and sediment)? 2008 Composting and Dewatering Facility constructed some data collection available in the 2016 Facility Master Plan. 2010 Digester Bio Gas project added ability to feed ferric chlorine into primary clarifiers and into primary feed to digesters. 2010 Miscellaneous added two new secondary clarifiers and airline piping from Hoffman Blower (Bioselector) to the Aeration Basins. No data collection to determine effectiveness in nutrient removal.
3. What is the extent of the reach to be evaluated for the assimilative capacity analysis? The reach extents are to be determined by the bidder based on the objectives of the proposed study. The bidder is referred to the following hydrology studies:
   a. https://www.env.nm.gov/swqb/documents/swqbdocs/WPS/Wetlands/LaCienega/LaCienega02-28-2013.pdf
   b. https://www.santafecountynm.gov/media/files/2015LaCienegaandLaCieneguillaPlanUpdate.pdf
   c. https://geoinfo.nmt.edu/publications/monographs/bulletins/downloads/161/B161.pdf

General questions regarding 1999 TMDL and previous data analysis

1. It appears that TetraTech modeled the Santa Fe River to determine the Santa Fe WWTP Waste Load Allocation for the 1999 nutrient TMDL, which was approved by the EPA.
   a. Is the calibrated WASP/EUTRO model used for the analysis available for review? If so, can you provide us with that model? The information is available from NMED at https://www.env.nm.gov/swqb/TMDL/List/#UpperRioGrande

b. Are the data used to calibrate the model, and the TetraTech appendices referenced in the TMDL (p. 18) available for review? Please see link above
c. Are the algae data, and analysis, referenced in the TMDL (p. 9) to determine N as the limiting nutrient available? Please see link above.

CITY OF SANTA FE WASTEWATER TREATMENT PLANT



graves Daily 01/01/2015 - 12/31/2015	Santa Fe Waste Water RAWINF Flow Mgd MGD	RAS 50050 FLOW MGD MGD Daily	Santa Fe Waste Water AB MLRE Flow Mgd MGD	Plant In 50050 Peak Flow MGD MGD Daily	AB1 00545 SETT SOLIDS ML/L	AB1 00010 WATER TEMP Degrees C	AB1 00300 DISSOVLED OXYGEN MG/L	EFF Diss Oxygen MG/L Daily	EFF pH Lab S.U. Daily	Santa Fe Waste Water EFF Temp Water C Degrees C	Santa Fe Waste Water EFF Flow Mgd MGD	Santa Fe Waste Water EFF Temp Water C Degrees C
01/01/2015	5.6	5.2	17.7	7.6	360.0	14.5	2.0	8.1	7.2	14.1	5.4	14.1
01/02/2015	5.4	5.4	19.3	8.1	350.0	14.1	2.4	7.7	7.1	14.4	5.0	14.4
01/03/2015	5.6	5.4	17.9	8.6		13.5	1.6	8.0	7.3	13.5	5.3	13.5
01/04/2015	5.6	5.5	20.5	8.5		15.5	2.6	9.0	7.1	13.5	5.4	13.5
01/05/2015	5.3	5.5	16.5	7.4	410.0	14.0	1.9	7.8	7.1	14.3	5.1	14.3
01/06/2015	5.4	5.3	20.7	6.8	450.0	14.5	2.7	7.8	7.2	15.1	5.3	15.1
01/07/2015	5.3	5.2	18.7	7.0	380.0	15.0	2.6	8.6	7.2	14.3	5.1	14.3
01/08/2015	5.4	5.4	22.3	6.6	400.0	14.4	2.6	7.8	7.2	14.9	5.1	14.9
01/09/2015	5.2	5.4	18.6	6.7	500.0	15.0	2.3	9.0	7.2	14.2	5.1	14.2
01/10/2015	5.5	5.4	21.4	8.1		14.3	2.4	8.2	7.3	15.0	6.4	15.0
01/11/2015	5.3	5.6	17.4	7.8		15.2	2.6	8.2	7.0	13.7	5.6	13.7
01/12/2015	5.3	5.4	19.5	7.0	530.0	14.5	2.6	8.0	7.2	14.2	5.3	14.2
01/13/2015	5.2	5.3	19.3	6.0	450.0	14.0	3.1	8.5	7.3	12.9	5.1	12.9
01/14/2015	5.2	5.3	18.5	6.6	490.0	14.0	2.4	8.9	7.2	13.6	5.3	13.6
01/15/2015	5.3	5.4	21.1	6.6	350.0	15.0	2.2	7.7	7.2	15.4	5.7	15.4
01/16/2015	5.3	5.3	17.9	7.0	400.0	14.2	3.3	7.7	7.2	15.6	5.4	15.6
01/17/2015	5.4	5.5	20.4	7.8		15.2	2.1	8.3	7.1	15.2	5.4	15.2
01/18/2015	5.3	5.3	17.2	7.8		14.5	2.7	8.2	7.3	13.9	6.2	13.9
01/19/2015	5.4	5.4	20.6	8.0	650.0	14.3	1.5	7.8	7.2	15.6	5.6	15.6
01/20/2015	5.3	5.5	19.2	6.9	550.0	14.8	2.6	8.2	7.2	15.7	5.3	15.7
01/21/2015	5.3	5.2	20.3	6.1	480.0	14.7	2.3	8.5	7.1	14.2	5.3	14.2
01/22/2015	5.3	5.3	18.0	6.9	400.0	14.3	2.9	7.9	7.2	14.6	6.5	14.6
01/23/2015	5.2	5.5	20.5	7.0	500.0	15.0	2.2	7.9	7.1	14.5	5.7	14.5
01/24/2015	5.3	5.5	19.8	7.9		14.2	2.4	7.3	8.2	14.6	5.4	14.6
01/25/2015	5.3	5.3	19.5	8.1				8.4	7.2	13.7	5.4	13.7
01/26/2015	5.4	5.5	19.1	7.2	550.0	14.4	2.6	7.9	7.2	14.8	5.4	14.8
01/27/2015	5.2	5.2	21.7	6.8	610.0	14.6	1.8	7.4	7.1	16.4	5.9	16.4
01/28/2015	5.4	5.5	18.3	6.8	650.0	14.9	4.6	8.2	7.2	16.3	5.8	16.3
01/29/2015	5.6	6.7	21.0	6.8	670.0	15.0	2.3	8.1	7.2	15.9	5.0	15.9
01/30/2015	4.8	5.2	17.8	6.5	560.0			8.0	7.2	14.9	4.7	14.9
01/31/2015	5.3	5.4	20.9	7.5		14.0	2.2	8.5	7.1	14.1	4.8	14.1
02/01/2015	5.6	5.3	19.6	7.9				8.2	7.3	14.5	5.8	14.5
02/02/2015	5.4	5.5	18.8	6.9	700.0	14.7	2.3	7.9	7.1	14.7	5.5	14.7
02/03/2015	5.2	5.1	16.6	6.7	600.0	14.9	2.8	7.5	7.2	15.7	5.4	15.7
02/04/2015	5.2	5.2	23.3	7.2	550.0	15.1	2.3	7.6	7.2	16.1	5.4	16.1
02/05/2015	5.2	5.0	17.1	6.6	480.0	15.0	2.3	7.6	7.2	16.2	5.2	16.2
02/06/2015	5.5	5.3	18.4	7.3	590.0	15.2	2.5	7.5	7.1	16.3	5.4	16.3
02/07/2015	5.3	5.4	23.7	8.4		14.9	2.0	7.9	7.0	14.9	5.3	14.9
02/08/2015	5.3	5.3	23.0	7.8				8.2	7.0	15.1	5.6	15.1
02/09/2015	5.3	5.1	23.6	7.1	480.0	15.3	2.0	7.1	7.3	17.8	5.6	17.8
02/10/2015	5.3	5.4	23.3	7.1	500.0	14.6	2.6	7.1	7.2	17.7	4.3	17.7
02/11/2015	5.4	5.2	24.1	6.9				8.0	7.2	16.1	4.0	16.1
02/12/2015	5.5	5.5	24.0	7.0	490.0	15.0	2.3	8.1	7.2	16.2	5.0	16.2
02/13/2015	5.3	5.2	23.3	7.1	550.0	15.5	2.3	7.4	7.1	16.7	5.4	16.7
02/14/2015	5.5	5.3	23.3	7.0		16.0	2.2	8.0	7.3	16.7	5.7	16.7
02/15/2015	5.5	5.5	24.1	8.3				7.8	7.2	15.6	5.7	15.6
02/16/2015	5.5	5.1	23.5	8.1	600.0	15.6	2.2	8.0	7.1	15.0	5.4	15.0
02/17/2015	5.3	5.5	23.5	6.7	600.0	15.4	1.6	7.5	7.2	16.3	4.9	16.3
02/18/2015	5.5	5.4	24.0	7.2	540.0	15.0	2.3	7.5	7.2	16.6	5.4	16.6
02/19/2015	5.2	5.2	24.0	7.1	530.0	15.4	2.8	7.4	7.2	16.9	5.2	16.9
02/20/2015	5.3	5.3	22.7	7.2	490.0	16.0	2.3	7.5	7.1	17.3	4.2	17.3
02/21/2015	5.3	5.4	23.8	8.2		15.4	2.4	7.5	7.0	15.2	4.6	15.2
02/22/2015	5.4	5.2	24.5	7.9		14.7	1.5	8.0	7.3	14.4	4.6	14.4
02/23/2015	5.3	5.3	23.9	7.0	640.0	13.1	2.5	9.6	7.1	11.9	5.9	11.9
02/24/2015	5.2	5.3	23.5	6.4	620.0	14.2	2.0	8.1	7.1	14.1	5.1	14.1
02/25/2015	5.4	5.4	23.3	7.2	620.0	14.0	2.5	8.4	7.1	14.7	4.3	14.7
02/26/2015	5.7	5.4	24.6	7.4	500.0	15.5	2.3	7.8	7.2	15.3	5.3	15.3
02/27/2015	5.1	5.1	22.6	6.9	470.0	14.1	3.4	8.0	7.1	13.0	4.9	13.0
02/28/2015	5.5	5.2	23.6	7.4		16.0	2.2	7.8	7.0	13.2	5.3	13.2
03/01/2015	5.9	5.9	19.7	8.9				8.0	7.0	13.7	5.6	13.7
03/02/2015	5.6	5.8	22.3	7.2	520.0	13.5	1.9	7.8	7.1	14.7	5.4	14.7
03/03/2015	5.4	5.6	17.8	7.0		14.3	3.9	6.8	7.1	17.1	5.0	17.1
03/04/2015	5.4	5.6	23.3	7.0	450.0	16.0	2.1	8.5	7.1	14.3	5.1	14.3
03/05/2015	5.4	5.8	25.4	6.8	360.0	14.2	2.5	7.8	7.2	15.5	5.3	15.5
03/06/2015	5.4	5.8	23.6	6.9		16.0	2.2	7.9	7.2	15.7	3.9	15.7
03/07/2015	5.5	5.9	23.9	7.9		15.6	2.2	8.2	7.0	14.3	4.2	14.3
03/08/2015	5.2	5.3	22.4	7.7		14.9	1.4	8.4	7.4	14.7	4.6	14.7
03/09/2015	5.6	5.8	23.6	7.0	550.0	15.4	1.6	7.5	7.1	18.6	4.2	18.6
03/10/2015	5.6	5.6	24.0	6.9	500.0	14.0	1.8	7.5	7.1	16.5	3.4	16.5
03/11/2015	5.5	5.9	23.2	7.4	600.0	15.0	2.2	7.1	7.1	18.0	3.7	18.0
03/12/2015	5.8	5.7	25.2	6.8	620.0	16.9	2.4	7.9	7.1	17.0	4.9	17.0
03/13/2015	5.2	5.8	22.8	7.7	550.0	15.1	1.9	6.9	7.1	18.5	4.5	18.5
03/14/2015	5.7	5.4	24.5	8.2		15.9	2.4	8.0	7.1	15.9	5.5	15.9
03/15/2015	5.6	5.9	23.1	8.2				8.0	7.4	16.1	5.6	16.1
03/16/2015	5.6	5.7	24.1	7.6	600.0	16.7	2.5	6.9	7.1	18.3	4.9	18.3
03/17/2015	5.4	5.7	24.2	7.7	600.0			8.1	7.1	17.1	4.1	17.1
03/18/2015	5.6	5.7	23.8	7.6	700.0			7.8	7.2	17.4	3.4	17.4
03/19/2015	5.9	5.8	24.4	8.1	480.0	15.0	2.3	6.9	7.1	18.4	4.5	18.4
03/20/2015	5.8	5.6	23.6	7.9	400.0	16.9	2.9	7.5	7.1	17.7	5.7	17.7
03/21/2015	5.5	5.7	23.6	8.3		16.4	2.1	7.6	7.2	16.4	5.5	16.4
03/22/2015	5.6	5.9	23.7	8.3				7.5	7.1	16.8	5.7	16.8

03/23/2015	5.4	5.8	23.0	7.3	700.0	17.3	2.4	7.3	7.2	18.6	4.2	18.6
03/24/2015	5.6	5.7	24.0	7.2	650.0	17.5	1.8	7.2	7.1	19.2	4.8	19.2
03/25/2015	5.5	5.9	23.6	7.2	700.0			7.6	7.2	18.7	3.6	18.7
03/26/2015	5.3	5.6	23.5	7.2	560.0	17.1	2.5	7.2	7.0	19.1	4.7	19.1
03/27/2015	5.5	5.7	23.9	7.2	600.0	16.0	2.3	6.8	7.0	19.1	4.1	19.1
03/28/2015	5.7	5.9	24.2	8.4				7.5	7.0	17.3	5.2	17.3
03/29/2015	5.6	5.9	24.0	8.3				7.5	7.1	17.4	5.1	17.4
03/30/2015	5.3	5.7	23.8	7.3	550.0	18.1	1.4	7.2	7.2	18.9	3.6	18.9
03/31/2015	5.5	4.8	24.3	7.1	600.0	14.0	2.9	7.3	7.2	20.0	3.4	20.0
04/01/2015	5.4	5.8	22.9	7.5	570.0	17.4	2.3	7.4	7.2	19.6	3.7	19.6
04/02/2015	5.7	5.5	24.3	7.3	430.0	17.0	2.2	7.6	7.2	18.9	3.4	18.9
04/03/2015	5.6	3.1	23.7	7.7	480.0	17.7	2.2	8.4	7.3	18.4	3.6	18.4
04/04/2015	5.7	5.6	22.7	8.5		17.5	2.3	7.7	7.1	17.1	5.0	17.1
04/05/2015	5.6	6.1	24.4	9.0		18.1	1.5	7.7	7.1	17.9	4.7	17.9
04/06/2015	5.7	5.7	23.8	7.7	650.0	18.2	2.5	7.3	7.2	19.4	3.6	19.4
04/07/2015	5.5	5.7	23.8	7.1	600.0	18.0	2.0	7.1	7.1	19.3	4.5	19.3
04/08/2015	5.5	5.7	23.5	6.8	550.0	18.0	2.7	7.2	7.2	19.4	4.7	19.4
04/09/2015	5.8	5.6	24.2	7.3	630.0	17.0	2.3	7.6	7.2	18.3	3.9	18.3
04/10/2015	5.6	5.8	23.9	7.4	550.0	18.2	2.4	7.5	7.2	19.4	3.5	19.4
04/11/2015	5.5	5.5	22.7	8.2		18.4	2.3	7.8	7.3	18.2	3.5	18.2
04/12/2015	5.8	5.7	23.5	8.3				7.8	7.3	18.4	5.0	18.4
04/13/2015	5.6	5.7	24.0	7.3	640.0	18.9	2.6	7.1	7.3	19.8	4.8	19.8
04/14/2015	5.6	5.8	24.3	7.2	550.0	18.9	2.9	7.6	7.4	19.1	3.7	19.1
04/15/2015	5.7	5.6	23.8	7.0	500.0	19.0	1.6	7.0	7.3	20.0	4.9	20.0
04/16/2015	5.5	5.7	24.0	6.9	430.0	19.0	2.5	7.7	7.3	19.2	3.9	19.2
04/17/2015	5.5	5.9	22.7	7.8	410.0	18.0	2.2	7.8	7.4	18.7	3.9	18.7
04/18/2015	5.5	5.7	24.5	7.9		17.8	2.6	7.1	7.0	17.8	5.7	17.8
04/19/2015	5.8	5.7	23.9	8.8		18.4	1.3	7.2	7.2	17.6	5.7	17.6
04/20/2015	5.5	5.7	23.8	7.6	360.0		2.1	7.4	7.4	19.0	3.9	19.0
04/21/2015	5.6	5.8	23.9	7.1	360.0	18.1	2.2	7.4	7.3	20.0	3.5	20.0
04/22/2015	5.7	5.8	23.9	7.2	400.0	19.1	1.9	7.2	7.3	19.7	4.6	19.7
04/23/2015	5.6	5.8	22.6	7.1	430.0	18.0	2.5	7.3	7.4	20.4	3.2	20.4
04/24/2015	5.6	5.6	25.1	7.2	300.0			7.6	7.4	19.4	3.3	19.4
04/25/2015	6.1	6.0	25.7	8.2				8.0	7.2	18.6	5.4	18.6
04/26/2015	5.4	3.2	18.6	8.4				7.5	7.5	19.0	3.5	19.0
04/27/2015	5.7	3.2	25.1	7.7	450.0			7.6	7.4	18.6	3.9	18.6
04/28/2015	5.5	5.8	24.4	7.7	450.0			7.4	7.4	20.0	3.5	20.0
04/29/2015	5.6	5.4	20.8	7.0	550.0	18.0	2.5	7.4	7.4	21.1	3.5	21.1
04/30/2015	5.7	5.1	25.7	7.5	430.0	19.9	1.7	7.1	7.4	20.7	4.3	20.7
05/01/2015	5.1	5.9	23.0	6.9	490.0	18.4	2.5	8.0	7.3	20.4	3.4	20.4
05/02/2015	5.6	5.6	25.5	8.1				7.5	7.3	20.2	4.9	20.2
05/03/2015	5.5	5.8	25.6	8.0				6.7	7.3	20.0	4.5	20.0
05/04/2015	5.6	5.8	24.9	7.0	520.0			7.5	7.4	22.0	3.2	22.0
05/05/2015	5.4	5.7	26.1	6.9	600.0			7.4	7.5	19.3	4.9	19.3
05/06/2015	5.5	5.7	25.5	6.9	570.0	20.0	1.6	7.9	7.4	20.1	5.5	20.1
05/07/2015	5.7	5.9	28.3	7.2	500.0	19.0	2.4	7.2	7.4	21.0	4.1	21.0
05/08/2015	5.5	6.1	23.3	7.6	490.0	20.0	2.3	7.3	7.3	20.2	3.6	20.2
05/09/2015	5.3	5.9	23.7	7.5		19.6	2.3	7.6	7.2	19.5	4.7	19.5
05/10/2015	5.5	5.6	24.3	8.5				7.9	7.3	19.6	4.4	19.6
05/11/2015	5.5	5.8	23.8	7.3	650.0	20.1	1.6	7.1	7.3	21.4	3.1	21.4
05/12/2015	5.6	5.6	24.1	7.0	600.0	19.9	1.5	8.0	7.3	19.9	3.4	19.9
05/13/2015	5.7	5.7	23.8	6.7	600.0	20.0	2.3	8.2	7.3	20.0	3.9	20.0
05/14/2015	5.7	5.7	24.5	7.1	450.0	20.0	2.3	7.3	7.2	21.2	4.3	21.2
05/15/2015	5.8	5.7	24.4	7.5	510.0	20.0	2.2	7.6	7.2	19.7	4.2	19.7
05/16/2015	5.3	5.6	22.2	8.7		19.0	1.8	7.7	7.1	18.9	5.0	18.9
05/17/2015	5.9	5.8	25.4	8.2		19.1	1.7	7.9	7.2	19.1	5.5	19.1
05/18/2015	6.0	5.8	23.8	7.5	650.0	19.9	2.8	8.7	7.2	22.5	4.1	22.5
05/19/2015	6.2	5.9	26.5	7.2	600.0	19.0	1.2	7.9	7.2	20.3	4.5	20.3
05/20/2015	5.4	5.4	23.7	7.1	650.0	19.0	2.3	8.3	7.2	20.7	3.8	20.7
05/21/2015	5.1	5.9	22.7	7.4	550.0	18.8	1.9	7.7	7.2	19.9	4.9	19.9
05/22/2015	5.8	5.8	24.7	7.7	450.0	18.7	1.7	7.2	7.1	21.0	4.8	21.0
05/23/2015	5.5	5.6	23.3	8.1		18.9	1.8	7.5	7.1	19.7	5.5	19.7
05/24/2015	5.3	5.7	23.2	8.0				7.5	7.1	19.8	5.2	19.8
05/25/2015	5.7	5.7	23.7	8.6	450.0	20.4	1.3	6.5	7.1	22.5	5.6	22.5
05/26/2015	5.6	5.8	34.2	7.5	640.0			8.6	7.2	21.1	3.5	21.1
05/27/2015	5.6	5.8	23.9	7.1	680.0	20.0	2.3	6.7	7.3	22.6	3.7	22.6
05/28/2015	5.8	5.6	25.6	7.8	580.0			7.0	7.2	21.2	3.9	21.2
05/29/2015	5.8	5.7	25.9	8.2	530.0			7.5	7.2	21.0	3.8	21.0
05/30/2015	5.2	5.6	23.6	7.0		20.6	2.0	7.3	7.3	20.6	4.7	20.6
05/31/2015	5.6	5.8	24.1	7.9		21.3		7.4	7.4	21.3	4.8	21.3
06/01/2015	5.6	5.4	24.0	7.8	570.0			8.0	7.3	23.0	3.4	23.0
06/02/2015	5.5	5.5	23.2	7.3	550.0	22.2	2.5	7.0	7.4	22.5	3.1	22.5
06/03/2015	5.7	5.3	24.1	7.3	550.0	22.5	2.9	6.9	7.3	22.9	3.2	22.9
06/04/2015	5.7	5.5	24.2	7.3	530.0	20.0	2.6	7.5	7.3	22.0	4.6	22.0
06/05/2015	5.4	5.1	22.9	7.6	430.0	21.4	2.5	7.0	7.2	21.1	3.7	21.1
06/06/2015	5.5	5.7	23.8	7.9		21.7	2.1	7.3	7.2	21.7	4.9	21.7
06/07/2015	5.4	5.1	22.9	8.0				7.2	7.2	22.1	4.4	22.1
06/08/2015	5.7	5.5	22.2	7.1	300.0	22.0	1.1	6.4	7.2	23.5	3.6	23.5
06/09/2015	5.6	5.3	24.4	7.1	280.0	22.9	2.7	6.8	6.6	23.8	2.8	23.8
06/10/2015	5.4	5.5	24.4	7.1	390.0	21.0	2.4	6.7	7.4	23.1	2.9	23.1
06/11/2015	6.1	5.5	26.4	7.2	420.0	21.2	2.3	7.0	7.3	22.5	3.7	22.5
06/12/2015	5.8	5.2	24.7	7.6	460.0	21.2	2.5	6.6	7.4	23.5	3.8	23.5
06/13/2015	5.4	5.3	23.7	8.2		22.5	1.9	7.3	7.2	22.5	3.5	22.5
06/14/2015	5.5	5.2	22.3	8.3		22.1	1.8	7.5	7.4	22.1	4.4	22.1
06/15/2015	5.9	5.3	22.6	7.6	330.0	22.8	1.6	6.9	7.4	23.5	3.3	23.5
06/16/2015	5.5	5.4	22.6	7.1	350.0	22.1	1.5	6.3	7.5	25.3	2.8	25.3
06/17/2015	5.6	5.5	23.4	7.2	420.0	23.2	2.7	6.3	7.4	25.5	3.4	25.5

06/18/2015	6.1	5.5	25.6	7.3	400.0	21.0	2.3	7.1	7.5	23.3	3.5	23.3
06/19/2015	5.1	5.2	24.2	7.6	370.0	22.0	2.4	7.8	7.4	22.6	3.1	22.6
06/20/2015	5.6	5.5	23.6	7.8		23.8	2.0	7.2	7.3	23.8	3.7	23.8
06/21/2015	5.5	5.2	23.5	7.8		23.6	2.0	7.3	7.3	23.8	3.7	23.8
06/22/2015	5.7	5.5	23.7	8.0	290.0			6.9	7.4	25.3	3.2	25.3
06/23/2015	6.5	5.3	23.1	4.2	430.0	24.0	1.4	6.9	7.4	25.4	2.9	25.4
06/24/2015	5.7	5.4	22.9	7.7	330.0	22.0	2.3	8.1	7.4	24.2	3.2	24.2
06/25/2015	6.0	5.5	27.9	7.4	380.0	22.7	2.4	6.3	7.4	26.3	3.6	26.3
06/26/2015	5.6	5.2	25.7	8.0	380.0			6.7	7.4	24.9	3.2	24.9
06/27/2015	5.8	5.7	25.3	8.3		23.9	1.9	7.4	7.4	23.9	3.3	23.9
06/28/2015	5.2	4.9	21.3	8.4		24.0	1.4	7.3	7.4	24.0	2.9	24.0
06/29/2015	5.8	5.4	25.0	7.6	340.0	24.1	1.6	7.5	7.3	24.7	3.8	24.7
06/30/2015	5.6	5.4	24.8	7.3	380.0	24.7	2.7	6.3	7.4	26.0	3.3	26.0
07/01/2015	5.5	5.4	23.0	7.6	360.0	24.8	2.5	7.2	7.4	25.3	3.0	25.3
07/02/2015	6.0	5.5	25.1	7.9	380.0	23.2	2.3	6.6	7.4	24.0	3.5	24.0
07/03/2015	5.8	5.4	24.7	8.2	380.0	22.0	2.3	7.0	7.4	23.8	4.1	23.8
07/04/2015	4.9	5.2	22.5	8.0		24.2	2.0	7.2	7.3	24.2	3.1	24.2
07/05/2015	5.6	5.3	23.1	8.3		24.5	1.9	7.4	7.3	24.5	3.3	24.5
07/06/2015	6.0	5.4	22.9	7.8	330.0	24.0	1.3	6.7	7.4	25.0	3.6	25.0
07/07/2015	6.0	5.4	24.0	8.2	300.0	24.8	2.9	7.1	7.3	24.1	4.6	24.1
07/08/2015	6.4	5.5	22.9	7.6	330.0	22.5	2.4	6.8	7.4	24.2	4.3	24.2
07/09/2015	6.0	5.3	23.7	7.5	330.0	22.0	2.3	7.0	7.4	22.5	5.6	22.5
07/10/2015	5.9	5.5	23.5	8.2	330.0	25.1	2.5	7.0	7.3	24.3	4.7	24.3
07/11/2015	5.7	5.2	23.2	8.2		24.1	2.2	7.3	7.3	24.1	3.7	24.1
07/12/2015	5.4	5.4	23.5	8.3				7.3	7.4	24.4	3.0	24.4
07/13/2015	5.6	5.4	20.3	8.5	350.0	24.4	2.7	6.4	7.4	24.3	2.9	24.3
07/14/2015	5.4	5.5	19.8	7.8	300.0			7.6	7.4	25.3	2.8	25.3
07/15/2015	5.6	5.5	19.8	9.9		25.3	2.5	6.5	7.3	24.3	4.0	24.3
07/16/2015	5.4	5.3	20.0	7.9	330.0	24.2	2.1	6.7	7.4	25.9	3.6	25.9
07/17/2015	5.5	5.5	20.8	8.0	290.0	24.3	2.2	7.6	7.3	23.8	2.9	23.8
07/18/2015	5.8	5.3	19.7	8.5		24.5	2.0	6.9	7.3	24.5	3.7	24.5
07/19/2015	4.9	5.4	20.1	7.8				7.1	7.3	24.7	4.0	24.7
07/20/2015	5.4	5.4	19.2	7.7	330.0	25.3	2.5	6.7	7.4	25.0	3.0	25.0
07/21/2015	5.7	5.5	20.7	7.4	300.0	24.0	1.6	6.9	7.3	24.9	4.4	24.9
07/22/2015	5.5	5.4	20.8	7.9	290.0	25.0	1.9	7.0	7.3	25.2	4.4	25.2
07/23/2015	5.4	5.3	17.9	7.8	350.0	24.9	1.9	6.7	7.3	24.5	3.3	24.5
07/24/2015	5.7	5.3	22.9	7.7	290.0	25.1	2.0	6.7	7.3	25.8	4.5	25.8
07/25/2015	5.4	5.3	25.0	8.2		25.3	2.0	6.8	7.3	25.3	3.7	25.3
07/26/2015	5.0	5.5	22.3	8.4		25.6	2.2	6.8	7.2	25.4	4.4	25.4
07/27/2015	5.6	5.4	22.4	8.3	330.0	25.6	0.9	8.5	7.3	25.4	3.0	25.4
07/28/2015	5.6	5.5	20.8	8.0	350.0	25.9	1.8	6.7	7.3	26.4	2.9	26.4
07/29/2015	5.4	5.3	22.8	7.4	350.0	25.0	0.9	7.1	7.4	24.7	3.4	24.7
07/30/2015	5.8	5.4	26.2	7.8	360.0	24.7	2.3	7.3	7.3	24.1	5.1	24.1
07/31/2015	5.7	5.3	24.1	8.3		25.0	2.4	6.5	7.3	24.4	5.5	24.4
08/01/2015	6.0	5.5	22.8	8.6		24.7	2.5	6.7	7.3	25.3	5.1	25.3
08/02/2015	5.4	5.2	21.9	8.7		25.6	1.7	6.7	7.2	25.6	4.6	25.6
08/03/2015	5.5	5.4	22.1	8.0	320.0	25.0	1.0	6.2	7.3	26.0	4.6	26.0
08/04/2015	5.3	5.4	21.7	7.9	390.0	25.8	1.5	6.3	7.3	27.0	4.7	27.0
08/05/2015	5.5	5.6	21.0	8.2	320.0	25.4	2.1	6.3	7.3	26.7	3.2	26.7
08/06/2015	5.4	5.3	21.9	7.2	390.0	25.1	2.4	6.6	7.4	25.0	2.8	25.0
08/07/2015	5.7	5.3	20.4	7.6	390.0	24.7	2.4	7.2	7.4	24.8	3.2	24.8
08/08/2015	5.4	5.3	21.2	8.6	390.0	24.8	2.1	7.1	7.4	24.8	3.8	24.8
08/09/2015	4.8	5.3	21.1	8.8				7.3	7.4	24.9	2.3	24.9
08/10/2015	5.4	5.4	22.4	8.2	400.0	25.6	2.5	8.0	7.4	24.7	2.9	24.7
08/11/2015	5.5	5.3	23.3	7.8	400.0	25.0	1.3	6.9	7.5	25.9	3.2	25.9
08/12/2015	5.4	5.3	22.6	7.3	420.0	25.0	1.6	6.3	7.4	25.8	4.3	25.8
08/13/2015	5.6	5.6	23.9	7.7	420.0	24.8	2.3	6.9	7.5	24.8	3.0	24.8
08/14/2015	5.8	5.4	23.2	8.2	420.0			6.9	7.5	25.0	3.5	25.0
08/15/2015	5.1	5.9	22.0	8.3				6.9	7.4	25.4	3.2	25.4
08/16/2015	5.4	5.3	22.2	7.8				7.0	7.3	25.6	3.6	25.6
08/17/2015	5.5	5.3	22.7	7.8	250.0	25.7	1.8	7.2	7.4	25.2	2.8	25.2
08/18/2015	5.3	5.4	21.5	7.6	250.0	25.6	2.0	6.7	7.5	26.5	2.7	26.5
08/19/2015	5.7	5.4	22.8	7.2	380.0	25.5	2.6	8.0	7.1	23.7	2.9	23.7
08/20/2015	5.4	5.6	21.5	7.8	430.0	25.0	2.5	6.7	7.4	24.6	2.7	24.6
08/21/2015	5.4	5.3	21.5	8.0	370.0	25.4	2.5	6.4	7.4	25.0	4.3	25.0
08/22/2015	5.6	4.3	22.8	8.2		25.0	2.4	7.2	7.4	25.1	3.5	25.1
08/23/2015	5.6	5.4	20.4	8.9		25.7	1.9	7.2	7.6	24.7	3.1	24.7
08/24/2015	5.6	5.3	20.2	7.9	350.0	25.7	2.4	6.9	7.3	25.1	2.9	25.1
08/25/2015	5.2	5.4	22.5	7.3	280.0	25.6	2.0	6.6	7.3	24.9	2.5	24.9
08/26/2015	5.5	5.4	21.8	8.1	280.0	25.6	2.2	7.2	7.4	24.7	2.7	24.7
08/27/2015	5.4	5.3	22.8	7.5	380.0	25.0	2.2	6.6	7.3	25.0	3.3	25.0
08/28/2015	6.0	5.5	25.2	7.8	390.0	25.0	2.5	6.6	7.3	25.0	4.0	25.0
08/29/2015	5.2	5.3	20.4	8.6		25.1	1.7	6.8	7.3	25.1	3.3	25.1
08/30/2015	5.2	5.4	19.9	8.9		25.8	1.9	6.9	7.4	25.2	2.9	25.2
08/31/2015	5.3	5.3	21.7	7.5	420.0	25.2	1.9	7.7	7.4	24.6	2.5	24.6
09/01/2015	5.3	5.5	21.3	8.0	370.0	25.7	1.4	7.0	7.4	25.0	2.5	25.0
09/02/2015	5.5	5.6	22.6	7.9	500.0	25.6	1.7	6.5	7.3	25.4	3.2	25.4
09/03/2015	5.4	5.3	24.1	7.2	400.0	25.0	2.3	6.8	7.4	25.0	3.8	25.0
09/04/2015	5.4	5.4	22.6	7.7	380.0	25.2	2.3	7.1	7.3	24.1	3.9	24.1
09/05/2015	6.8	5.0	21.3	9.0		25.5	1.9	6.9	7.4	25.0	3.6	25.0
09/06/2015	5.4	5.5	21.7	8.5		25.1	1.9	7.6	7.5	24.9	3.5	24.9
09/07/2015	5.5	5.5	22.9	9.3	375.0	25.8	1.9	6.7	7.3	26.2	3.5	26.2
09/08/2015	5.3	5.3	22.0	7.5	400.0	25.7	1.5	6.2	7.4	26.1	3.2	26.1
09/09/2015	5.1	5.4	21.3	6.8	350.0	25.9	0.9	6.7	7.4	25.8	3.1	25.8
09/10/2015	5.9	5.5	24.0	7.3	380.0	25.0	2.4	7.7	7.4	24.4	3.0	24.4
09/11/2015	5.3	5.4	22.5	7.5	380.0	25.0	2.4	7.2	7.3	23.8	4.2	23.8
09/12/2015	4.9	5.6	22.5	8.0				7.0	7.4	24.9	4.4	24.9

09/13/2015	5.3	5.2	20.7	8.8		25.7	1.8	7.1	7.2	24.9	4.3	24.9
09/14/2015	5.4	5.4	17.9	7.8	325.0	25.1	1.9	8.2	7.4	23.9	2.8	23.9
09/15/2015	5.2	5.3	17.3	7.3	350.0	25.4	1.9	7.4	7.4	23.6	2.3	23.6
09/16/2015	5.4	5.6	23.4	7.6	350.0	25.1	2.5	7.2	7.5	24.1	2.6	24.1
09/17/2015	4.9	5.2	16.3	7.7	380.0	25.2	2.5	7.1	7.4	23.7	2.7	23.7
09/18/2015	5.5	5.5	19.9	7.6	480.0	25.2	2.9	7.0	7.4	24.0	3.4	24.0
09/19/2015	5.4	5.3	20.4	8.6				7.3	7.3	24.1	3.4	24.1
09/20/2015	5.2	5.5	14.8	8.7		25.7	1.5	7.3	7.3	24.6	2.6	24.6
09/21/2015	5.7	5.5	19.7	7.8	410.0	25.1	1.6	6.8	7.5	24.5	2.8	24.5
09/22/2015	5.1	5.4	15.7	7.4	350.0	25.4	0.8	7.6	7.4	23.5	3.0	23.5
09/23/2015	5.5	5.3	21.7	7.3	350.0	25.1	1.4	7.4	7.5	24.2	3.1	24.2
09/24/2015	5.3	5.4	17.5	7.5	470.0	23.0	2.4	8.4	7.5	23.5	3.0	23.5
09/25/2015	5.4	5.4	21.9	7.8	410.0	25.0	3.6	7.5	7.5	23.8	3.9	23.8
09/26/2015	5.6	5.6	18.2	8.8		25.2	1.9	7.3	7.4	24.2	2.9	24.2
09/27/2015	5.1	5.3	18.8	8.7	0.0			7.0	7.5	27.5	3.9	27.5
09/28/2015	5.2	5.3	15.7	7.9	480.0			6.6	7.6	25.4	2.6	25.4
09/29/2015	5.3	5.4	22.1	7.3	480.0			6.7	7.5	24.7	3.1	24.7
09/30/2015	5.2	5.4	18.4	7.1	510.0	22.0	2.4	7.7	7.5	23.6	2.8	23.6
10/01/2015	5.3	5.5	22.6	7.3	470.0	22.0	2.4	7.4	7.5	23.4	3.0	23.4
10/02/2015	5.2	5.3	18.3	7.6	470.0	25.0	3.0	7.0	7.5	24.6	2.7	24.6
10/03/2015	5.2	5.4	20.3	8.2				7.2	7.4	24.0	3.9	24.0
10/04/2015	5.4	5.4	18.0	7.1				7.2	7.4	23.7	3.9	23.7
10/05/2015	5.3	5.4	17.1	7.7	520.0			6.9	7.5	23.3	5.0	23.3
10/06/2015	5.3	5.3	20.7	7.6	700.0			7.6	7.5	23.3	5.0	23.3
10/07/2015	5.2	5.5	13.2	7.4	790.0			7.8	7.6	22.4	3.3	22.4
10/08/2015	5.4	5.3	22.5	7.6	830.0			7.8	7.6	21.6	2.6	21.6
10/09/2015	5.2	5.1	13.9	6.7	640.0	22.0	2.4	7.0	7.5	22.9	2.5	22.9
10/10/2015	5.3	5.0	18.0	8.2		22.0	2.2	7.1	7.4	22.0	4.3	22.0
10/11/2015	5.4	5.6	17.6	8.6				7.4	7.4	23.7	3.3	23.7
10/12/2015	5.4	5.4	22.5	8.5	600.0			6.6	7.4	23.6	3.3	23.6
10/13/2015	5.4	5.3	16.4	7.9	500.0			7.0	7.4	22.9	2.7	22.9
10/14/2015	5.5	5.4	23.2	7.6	610.0	22.0	2.3	7.4	7.4	22.4	2.7	22.4
10/15/2015	5.1	5.4	16.8	7.7	630.0			6.2	7.5	23.4	3.1	23.4
10/16/2015	5.1	5.4	19.6	7.8	550.0			7.6	7.4	21.8	3.7	21.8
10/17/2015	5.4	5.5	15.7	9.3				7.8	7.4	22.1	3.8	22.1
10/18/2015	5.4	5.4	19.8	8.4				7.5	7.4	22.6	4.8	22.6
10/19/2015	5.2	5.4	14.4	7.8	650.0			6.9	7.4	22.5	5.4	22.5
10/20/2015	5.3	5.4	18.4	7.4	550.0			7.6	7.4	21.7	5.2	21.7
10/21/2015	6.2	5.4	16.0	8.2	600.0			8.0	7.3	19.7	6.1	19.7
10/22/2015	5.3	5.5	17.1	7.5	680.0			7.7	7.3	20.4	5.4	20.4
10/23/2015	5.4	5.4	17.4	8.7	650.0			7.5	7.2	20.3	4.4	20.3
10/24/2015	5.2	5.1	19.2	8.6				7.6	7.4	21.1	4.9	21.1
10/25/2015	5.3	5.6	15.8	9.1				7.8	7.3	21.5	5.2	21.5
10/26/2015	5.2	5.3	22.4	8.6	630.0			7.3	7.4	20.7	5.6	20.7
10/27/2015	5.0	5.4	17.1	7.3	650.0			7.6	7.4	21.2	3.9	21.2
10/28/2015	4.9	5.5	20.0	6.8	600.0			8.2	7.4	19.8	2.9	19.8
10/29/2015	4.9	5.4	14.9	6.9	710.0			7.4	7.4	20.2	4.0	20.2
10/30/2015	5.3	5.6	18.1	7.2	640.0			7.4	7.4	19.8	4.9	19.8
10/31/2015	4.7	5.4	13.9	8.4				7.7	7.4	20.3	4.5	20.3
11/01/2015	5.4	5.9	19.2	8.2				7.5	7.4	20.1	5.2	20.1
11/02/2015	4.9	5.7	14.7	7.3	650.0			7.0	7.4	20.3	5.2	20.3
11/03/2015	5.0	5.7	20.5	8.1	500.0			7.7	7.6	20.5	5.3	20.5
11/04/2015	5.1	5.8	16.6	6.8	650.0			8.2	7.4	18.4	4.8	18.4
11/05/2015	4.8	5.8	16.6	6.8	600.0			8.1	7.5	18.3	4.8	18.3
11/06/2015	5.4	6.0	19.1	7.3	680.0			7.7	7.4	18.4	6.0	18.4
11/07/2015	4.8	5.5	7.6	8.5				8.2	7.2	18.7	4.8	18.7
11/08/2015	5.3	6.0	10.2	8.3				8.0	7.4	18.4	5.3	18.4
11/09/2015	5.0	5.7	13.9	6.7	550.0			7.1	7.4	19.5	5.0	19.5
11/10/2015	5.0	5.9	11.2	6.3	575.0			7.1	7.3	19.5	4.4	19.5
11/11/2015	5.2	5.7	10.6	7.6	650.0			7.8	7.4	17.7	4.6	17.7
11/12/2015	4.9	4.2	6.2	7.1	650.0			7.6	7.5	18.3	4.2	18.3
11/13/2015	5.0	5.7	24.5	7.3	550.0			7.4	7.4	19.0	4.3	19.0
11/14/2015	5.2	6.0	3.1	8.5				7.9	7.4	17.6	4.5	17.6
11/15/2015	5.1	5.8		8.1				8.0	7.4	17.7	4.5	17.7
11/16/2015	5.3	5.8		8.0	600.0			7.8	7.4	16.2	5.2	16.2
11/17/2015	5.2	5.7		7.4	575.0			7.7	7.3	17.5	4.9	17.5
11/18/2015	5.1	5.8		7.2	550.0			7.8	7.3	16.8	5.2	16.8
11/19/2015	5.3	5.7		6.8	560.0			7.6	7.3	18.1	5.5	18.1
11/20/2015	4.9	5.9		6.6	650.0			7.5	7.3	18.1	3.6	18.1
11/21/2015	5.2	5.5		8.1				8.1	7.2	16.9	5.3	16.9
11/22/2015	5.2	5.8		8.4				8.1	7.5	16.5	6.6	16.5
11/23/2015	5.1	5.8	3.0	7.7	550.0			7.4	7.2	17.2	4.8	17.2
11/24/2015	5.0	5.8	5.6	7.1	550.0			7.7	7.2	17.5	4.7	17.5
11/25/2015	5.0	5.6		7.8	500.0			7.9	7.3	17.8	4.8	17.8
11/26/2015	5.1	5.8	16.9	8.3	510.0			7.6	7.3	17.7	4.8	17.7
11/27/2015	4.8	5.8	23.6	7.7	580.0			7.8	7.4	16.5	4.5	16.5
11/28/2015	5.0	5.8	17.3	8.7				8.7	7.1	16.2	4.8	16.2
11/29/2015	5.2	5.7	20.9	8.4				8.4	7.2	16.7	4.6	16.7
11/30/2015	4.9	5.8	24.9	7.0	375.0			8.3	7.2	15.2	4.6	15.2
12/01/2015	5.0	5.7	18.0	6.9	375.0			7.9	7.2	15.7	4.7	15.7
12/02/2015	4.9	5.8	17.5	6.8	250.0			8.2	7.2	15.9	4.3	15.9
12/03/2015	5.0	5.5	18.2	6.6	300.0			7.5	7.2	15.1	4.4	15.1
12/04/2015	5.0	5.9	23.1	6.9	380.0			7.7	7.3	17.1	4.3	17.1
12/05/2015	5.0	5.9	15.3	7.7				8.2	7.1	15.7	4.9	15.7
12/06/2015	5.1	5.5	15.6	8.7				8.5	7.3	16.1	4.9	16.1
12/07/2015	4.7	5.9	22.3	7.0	250.0			7.7	7.3	16.0	4.2	16.0
12/08/2015	5.0	5.8	24.2	7.1	300.0			7.6	7.2	16.8	4.3	16.8

12/09/2015	5.1	5.8	19.4	7.0	300.0			7.8	7.3	15.6	4.5	15.6
12/10/2015	5.2	5.6	22.6	7.6	270.0			7.4	7.4	17.6	4.7	17.6
12/11/2015	4.9	6.0	17.2	7.0	300.0			7.0	7.3	17.8	4.5	17.8
12/12/2015	4.9	6.1	23.1	8.1				8.2	7.3	16.0	4.6	16.0
12/13/2015	5.3	5.3	21.3	7.9				8.2	7.4	16.1	5.0	16.1
12/14/2015	5.0	5.7	16.0	7.2	290.0			7.8	7.4	15.2	4.7	15.2
12/15/2015	5.0	5.8	20.6	7.8	275.0			8.7	7.4	13.6	5.0	13.6
12/16/2015	5.2	5.8	15.5	7.2	320.0			8.0	7.3	14.1	5.3	14.1
12/17/2015	4.7	5.5	19.7	7.4	350.0			8.7	7.4	14.7	4.9	14.7
12/18/2015	5.0	6.0	17.6	7.0	400.0			7.8	7.4	15.6	5.4	15.6
12/19/2015	5.1	5.7	22.1	7.9				8.3	7.2	14.0	4.9	14.0
12/20/2015	5.0	5.8	16.4	8.3				8.1	7.5	14.5	4.6	14.5
12/21/2015	5.3	5.7	19.8	7.7	450.0			7.3	7.2	15.7	4.9	15.7
12/22/2015	5.3	5.7	15.5	8.3	550.0			7.3	7.1	15.7	5.0	15.7
12/23/2015	5.2	5.6	18.9	8.0	500.0			7.6	7.2	15.6	4.9	15.6
12/24/2015	5.6	5.9	17.1	8.0	550.0			7.7	7.3	16.0	5.2	16.0
12/25/2015	4.8	5.6	18.4	7.2	520.0			7.9	7.3	16.3	4.5	16.3
12/26/2015	5.3	5.9	19.2	8.1				8.4	7.2	14.3	5.3	14.3
12/27/2015	5.0	5.4	18.6	8.2				8.9	7.2	13.0	4.6	13.0
12/28/2015	5.5	5.8	23.0	8.4	500.0			8.0	7.3	13.5	5.2	13.5
12/29/2015	5.4	5.9	22.6	8.3	700.0			8.1	7.3	13.5	5.2	13.5
12/30/2015	5.4	5.7	20.2	8.3	630.0			8.0	7.2	14.0	5.3	14.0
12/31/2015	5.5	5.7	20.6	8.2	560.0			8.2	7.5	14.7	5.3	14.7
Sum	1976.8	2006.9	7602.2	2791.2	122815.0	4687.3	504.7	2730.9	2661.4	7316.9	1562.3	7316.9
Avg	5.4	5.5	21.4	7.6	476.0	20.2	2.2	7.5	7.3	20.1	4.3	20.1
Max	6.8	6.7	34.2	9.9	830.0	25.9	4.6	9.6	8.2	27.5	6.6	27.5
Min	4.7	3.1	3.0	4.2	0.0	13.1	0.8	6.2	6.6	11.9	2.3	11.9

RECORD DOCUMENTS

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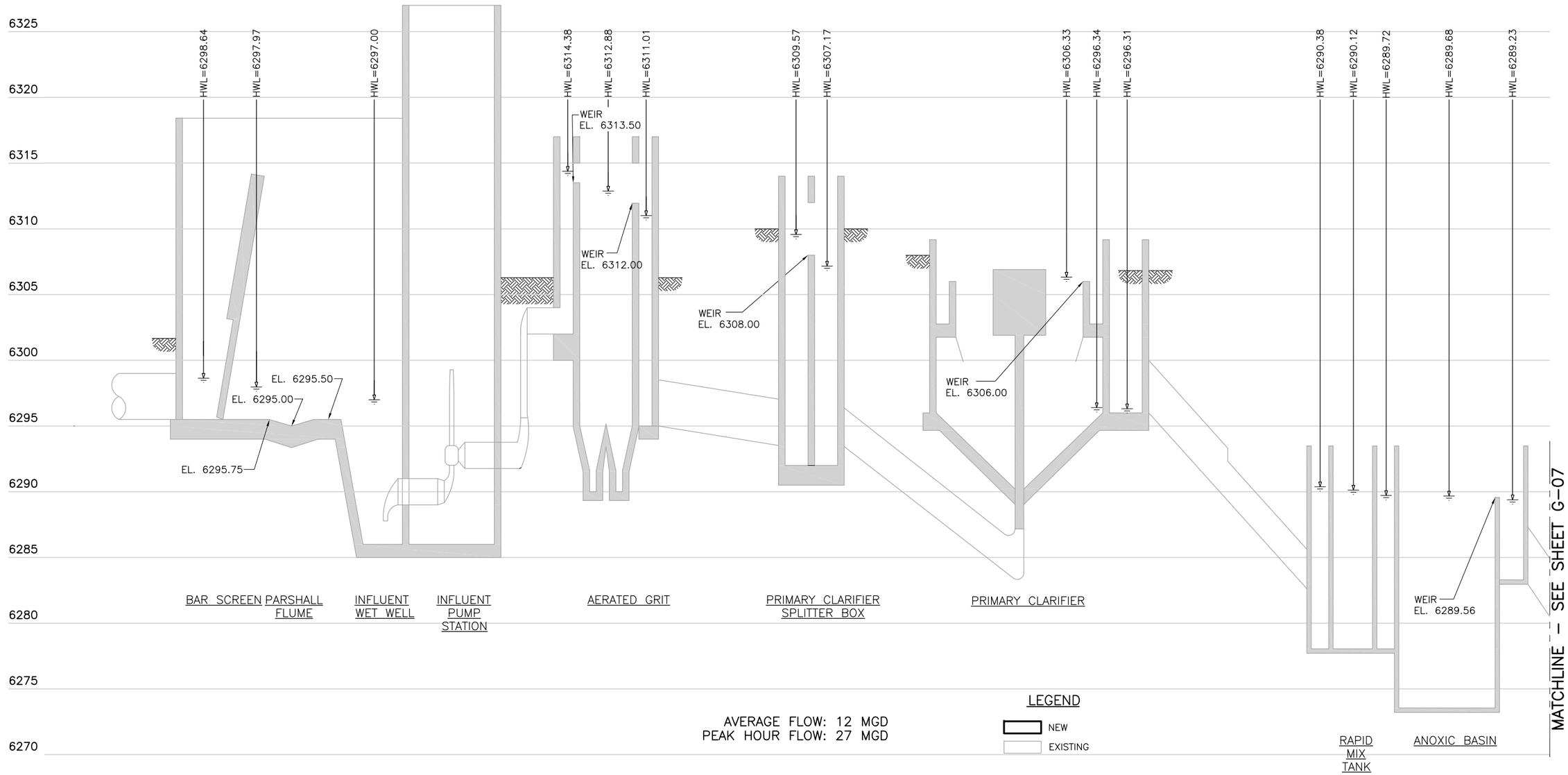


HYDRAULIC PROFILE

NTS

HDR
HDR Engineering, Inc.

ISSUE	DATE	DESCRIPTION
1	03/2010	RECORD DRAWINGS

PROJECT MANAGER	C.B.R.
DESIGNER	W.M.C.
DESIGNER	
DESIGNER	
CHECKER	
DRAWN	G.R.H.
PROJECT NUMBER	32658

CITY OF SANTA FE, NM
WASTEWATER TREATMENT PLANT IMPROVEMENTS

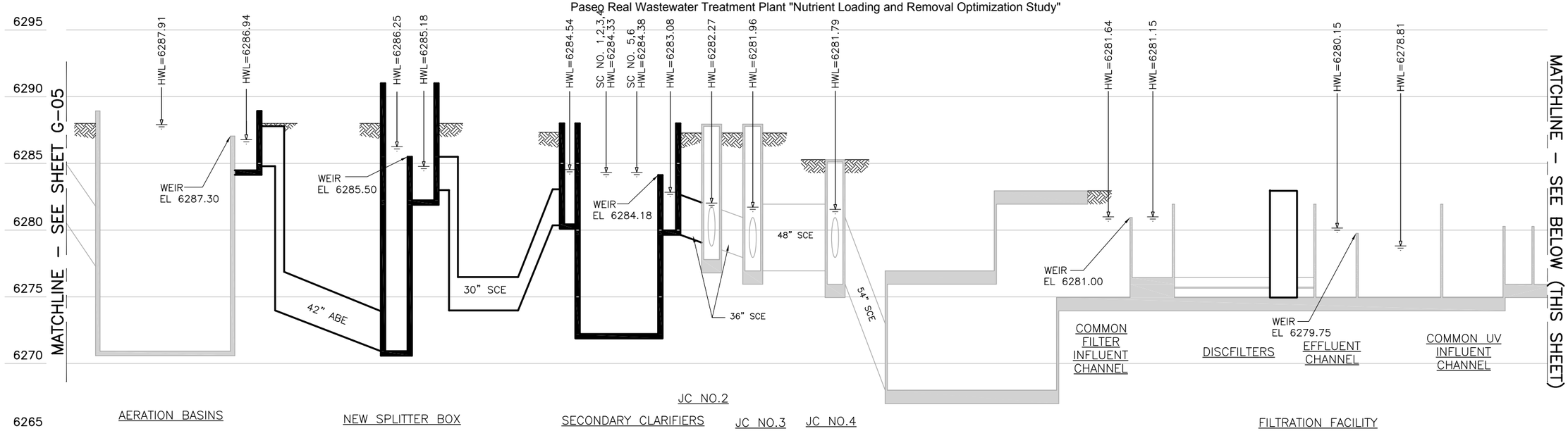
BAR LENGTH ON ORIGINAL DRAWING EQUALS ONE INCH. ADJUST SCALE ACCORDINGLY.

GENERAL

HYRAULIC PROFILE

DATE	APRIL 2008	FILE NAME	32658G-06
SCALE		DWG NO.	G-06

SHEET **7** of **100**



HYDRAULIC PROFILE

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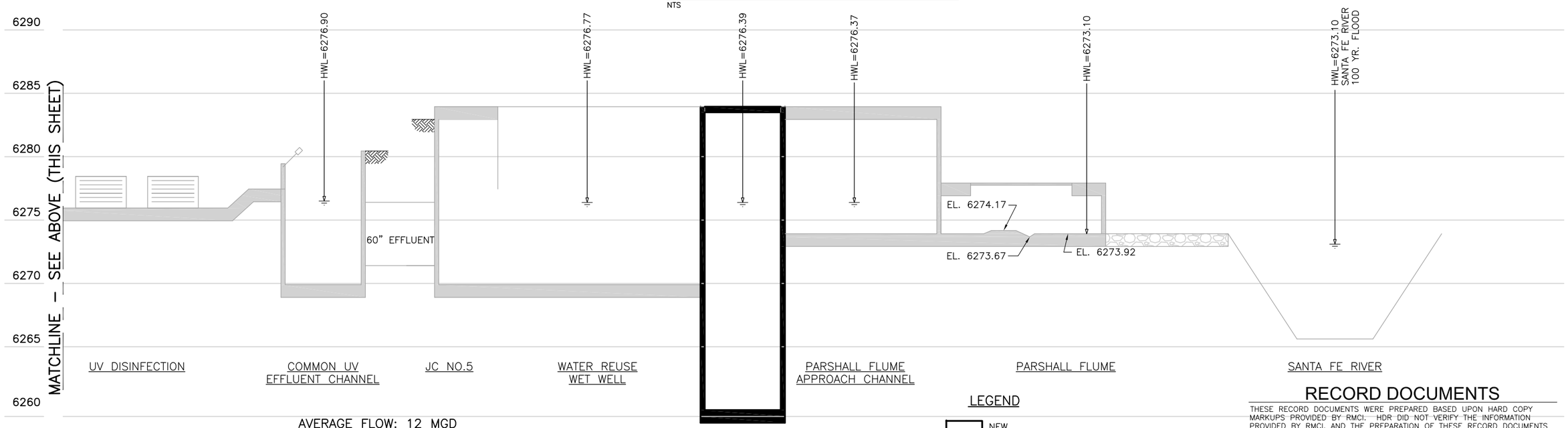

AVERAGE FLOW: 12 MGD
PEAK HOUR FLOW: 27 MGD

HYDRAULIC PROFILE

NTS

LEGEND

NEW

EXISTING

RECORD DOCUMENTS

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HDR
HDR Engineering, Inc.

ISSUE	DATE	DESCRIPTION
1	03/2010	RECORD DRAWINGS

PROJECT MANAGER	C.B.R.
DESIGNER	W.M.C.
DESIGNER	
DESIGNER	
CHECKER	
DRAWN	G.R.H.
PROJECT NUMBER	23658

CITY OF SANTA FE, NM
WASTEWATER TREATMENT PLANT IMPROVEMENTS

BAR LENGTH ON ORIGINAL DRAWING EQUALS ONE INCH. ADJUST SCALE ACCORDINGLY.

GENERAL

HYDRAULIC PROFILE

DATE	APRIL 2008	FILE NAME	23685G-07	SHEET 8 of 100
SCALE		DWG NO.	G-07	

Sign In Form

Engineering Services for Paseo Real Wastewater Treatment Optimization

Date: 09/08/2016

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Sign In Form

Engineering Services for Paseo Real Wastewater Treatment Optimization

Date: 09/08/2016

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Sign In Form

Engineering Services for Paseo Real Wastewater Treatment Optimization

Date: 09/08/2016

	Name (Printed)	Address	Phone Number	Email
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