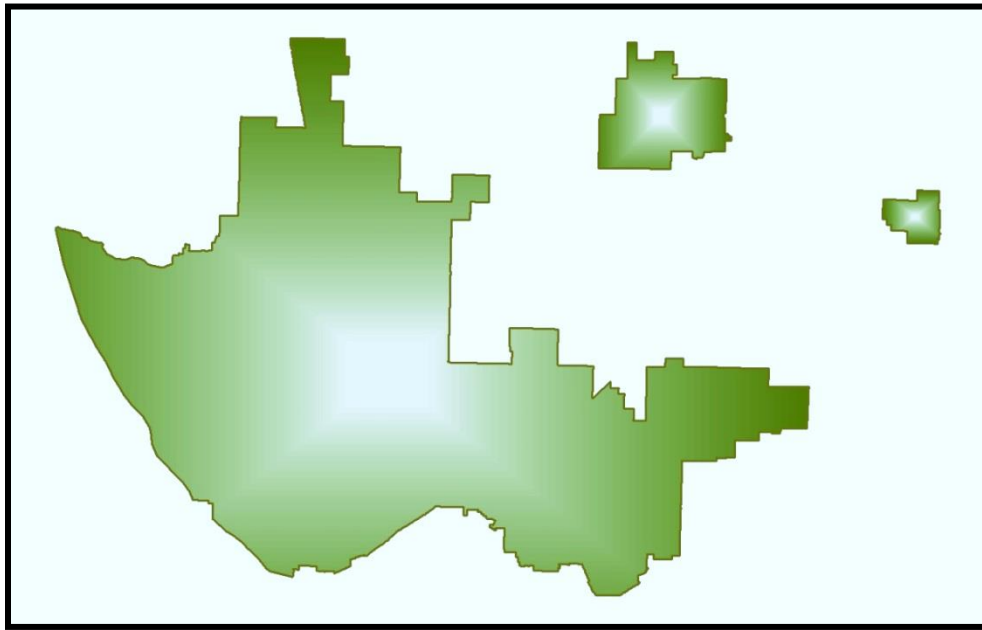


2016

Clark Regional Wastewater District

Infiltration and Inflow Report For Salmon Creek Treatment Plant



February 13, 2017

In Compliance with the NPDES Waste Discharge Permit
No. WA-002363-9 Special Condition S4.E





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2016 Infiltration and Inflow Report

Clark Regional Wastewater District

OVERVIEW

The Clark Regional Wastewater District (District) was formed in 1958. The District has always maintained a comprehensive construction specification, inspection and maintenance program to minimize infiltration and inflow (I/I) into the system. As a result, the system flow characteristics perform well below the non-excessive criteria as established in the EPA Infiltration/Inflow Analysis and Project Certification (Ecology publication 97-03).

Beginning in 2016, the District began conveying a portion of the flow generated in the City of Ridgefield service area to the Salmon Creek Treatment Plant. Currently, all flow tributary to the Pioneer Canyon Pump Station is conveyed through the Discovery Corridor Wastewater Transmission System and ultimately to the Salmon Creek Treatment Plant. The Pioneer Canyon Pump Station receives about 0.1 MGD (1,358 Equivalent Residential Units (ERUs)) of flow generated in the City of Ridgefield. The Ridgefield Treatment Plant processes the remaining flow generated in Ridgefield. The additional flow to Salmon Creek is incorporated into this report.

ANALYSIS

The District's average dry weather and wet weather I/I rates are well below what would generally be considered excessive. Average dry weather flows greater than 120 gallons per capita per day (gpcd) indicate excessive infiltration. Infiltration occurs during periods of high seasonal groundwater and dry weather with little or no rainfall. The District's infiltration remains well below excessive at only 79 gpcd. Average wet weather flows greater than 275 gpcd indicate excessive inflow. Inflow occurs during periods of wet weather with significant rainfall resulting in ponding and surface runoff. The District's inflow remains well below excessive at only 106 gpcd.

For the purpose of this report, population calculations have been based on population equivalents. This method calculates a population based on the total number of ERUs multiplied by the planning assumption of people per ERU. This assumption is 2.43 people per ERU for the Salmon Creek Treatment Plant (CH2M HILL, 2004 SCTP Phase 4). The calculation for population equivalent includes commercial and industrial ERUs in addition to residents of the area. At the beginning of 2016, the District had approximately 32,800 ERU's with a population equivalent of roughly 80,000 in the Salmon Creek tributary area. The City of Ridgefield component adds another 381 ERUs with a population equivalent of about 925.

As shown in Appendix A, the District's 2016 I/I of 1.73 MGD represent a 58% increase compared to the 2003 base year. To better understand I/I trends in the system, the District reviews the average monthly flows and rainfall for the available records between January 1997 and December 2016. That data shows that 2013 and 2003 represent the lowest I/I years on record. The District's I/I averaged 1.54 over the past 19 years. Reviewing years with similar total rainfall, the 2016 I/I does not appear to be out of trend with historical performance. Also, the excessive inflow and infiltration calculations do not lead us to believe that the system is experiencing higher than normal I/I.

TABLE 1

1997-2016 I/I AND RAINFALL

Year	Min of Average Monthly Flow (MGD)	Max of Average Monthly Flow (MGD)	I / I	Annual Rainfall
1997	3.90	5.73	1.84	48.18
1998	4.27	5.48	1.22	45.73
1999	4.20	5.92	1.72	43.87
2000	4.41	5.23	0.82	32.89
2001	4.39	5.74	1.35	36.41
2002	4.34	5.53	1.19	34.01
2003	4.63	5.72	1.10	41.02
2004	4.77	5.94	1.17	35.21
2005	4.79	5.90	1.11	34.82
2006	4.92	7.04	2.12	42.96
2007	5.12	6.64	1.52	34.14
2008	5.13	6.48	1.35	28.79
2009	5.11	6.39	1.28	31.93
2010	5.24	7.00	1.75	42.07
2011	5.05	6.99	1.95	30.77
2012	5.19	7.19	2.00	41.65
2013	5.32	6.39	1.07	21.19
2014	5.13	6.95	1.82	32.17
2015	5.31	8.06	2.75	39.44
2016	5.44	7.27	1.73	48.17
Average	-	-	1.54	37.27

Monitoring Program and Rehabilitation Projects

Introduction

The District places an emphasis on good design and inspection to minimize I/I into the system. However, as pipes age, a variety of methods for the monitoring and identification of I/I are necessary to use. This includes yearly review of pump station records, treatment plant flow reports, trunk line flow monitoring, smoke testing, visual inspection of manholes and closed circuit television (CCTV) camera inspection. Through these efforts, the District is able to locate areas of concern for follow-up investigation and correction.

Cross-Connections

For issues on private property (i.e., stormwater cross connections, roof drains or broken laterals), the District contacts the homeowner and works with them to correct the situation. The District typically addresses issues that are within public right-of-way. All side sewer connections (between right-of-way and building envelope) are permitted and inspected by the District.

Following the December 2015 storm events, the District performed smoke testing at various locations upstream of known high flows. This work revealed two significant sources of inflow where broken or missing cleanout caps were draining stormwater into the wastewater system. Both locations were repaired in the summer of 2016.


New Construction

The District addresses I/I by inspecting all new systems during construction, including all mainlines, manholes and individual laterals. In addition, during plan review and field inspection, the District reviews the need for inflow dishes or watertight locking lids to control inflow. The District addresses infiltration by requiring manhole joints to be externally sealed in areas of high groundwater, vacuum testing of 50% of all new manholes and air testing of all new gravity mainlines.

Flow Monitoring

The District owns several FloDar ultrasonic flow meters that are used to measure flows where I/I is suspected. The District also monitors its 64 pump stations as well as our four motor operated valves (MOV's). Daily and annual review of the flow data, help us identify the potential for I/I. In addition, the two satellite service areas (Meadow Glade and Hockinson) that are served by STEP systems have individual flow meters at their termination.

The District continues to deploy and collect flow data from 10 FloDar ultrasonic flow meters during both wet and dry weather flows. That data is currently being



used to calibrate the District's wet and dry weather flows as part of the General Sewer Plan update.

Rehabilitation

The District inspects all gravity mains and trunk sewers with CCTV cameras every eight years to assess condition, I/I and other related issues. Results help inform the District's Six-Year Capital Program. The six-year program includes an annual "I/I program" as well as a "Spot Repair" program component. Both programs provide for completion of specific projects targeting the reduction of I/I in the system. The District completed manhole grouting at 15 locations in 2016, which will stop an estimated 25 gallons per minute of I/I, or 36,000 gallons per day. The District is currently preparing two cured-in-place pipe contracts for 2017 to stop infiltration and rehabilitate existing concrete pipes.



APPENDIX A

ANNUAL INFILTRATION/INFLOW (I/I) REPORT







APPENDIX B

FLOW ANALYSIS DATA



Salmon Creek Wastewater Management System - Clark Regional Wastewater District

ANNUAL INFILTRATION/INFLOW REPORT 1/1/2016 to 12/31/2016

FLOW AND PRECIPITATION DATA

MONTH	Average Monthly Flow (MGD)						Total Monthly Precipitation (Inches)					
	Year						Year					
	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016
January	6.76	6.28	6.39	5.77	7.27	7.27	4.19	5.51	2.63	2.54	2.35	9.68
February	6.11	5.82	5.99	6.63	6.89	6.89	3.81	3.45	1.36	3.70	2.85	5.13
March	6.99	6.66	5.74	6.84	7.07	7.07	5.02	6.17	1.43	5.78	3.19	6.04
April	6.55	6.39	5.78	6.27	6.11	6.11	3.55	2.24	2.19	2.49	1.21	1.56
May	6.10	5.98	5.81	5.91	5.93	5.93	1.96	2.06	2.94	2.28	0.40	1.13
June	5.80	5.85	5.68	5.68	5.74	5.74	0.50	2.54	1.41	2.34	0.39	1.80
July	5.42	5.47	5.39	5.45	5.58	5.58	0.92	0.21	0.01	0.57	0.25	0.44
August	5.23	5.27	5.32	5.35	5.54	5.54	0.01	0.00	0.39	0.03	0.53	0.22
September	5.11	5.19	5.65	5.34	5.54	5.54	0.33	0.07	4.25	1.03	1.11	1.32
October	5.20	5.45	5.43	5.55	6.23	6.23	1.95	5.61	0.93	5.14	4.19	9.58
November	5.59	6.32	5.62	5.90	6.67	6.67	6.59	6.87	2.04	2.39	5.03	6.75
December	5.05	7.19	5.77	6.36	0.00	6.99	1.94	6.92	1.61	3.88	17.94	4.49
Avg Flow / Total Rain	5.83	5.99	5.71	5.92	5.71	6.30	30.77	41.65	21.19	32.17	39.44	48.14
Low Month	5.05	5.19	5.32	5.34	0.00	5.54	0.01	0.00	0.01	0.03	0.25	0.22
High Month	6.99	7.19	6.39	6.84	7.27	7.27	6.59	6.92	4.25	5.78	17.94	9.68

POPULATION AND SEWER LINE DATA

MONTH	Population Served (Population Equivalent)		Sewer Lines Added (Feet)	
	Year		Year	
	2016		2016	
January	80807		1502	
February	80984		11950	
March	81277		9748	
April	81423		11092	
May	81849		10966	
June	82251		13771	
July	82480		821	
August	82771		19210	
September	82966		3889	
October	83218		1608	
November	83482		7905	
December	83699		13127	
Present Equivalent	83699	Total (feet)	105589	
		Total (miles)	20.00	

Comments: Measured data presented in this report reflects the Clark Regional Wastewater District's capacity usage only. Battle Ground usage is reported separately.

Salmon Creek Wastewater Management System - Clark Regional Wastewater District

ANNUAL INFILTRATION/INFLOW REPORT

1/1/2016 to 12/31/2016

DETERMINATION OF NON EXCESSIVE INFILTRATION

EPA Infiltration Criteria 120 gpcd

District Infiltration 79 gpcd

Period	Flow	Rain	Population Equivalent
Mar 28	6.73	0.00	81277
Mar 29	6.47	0.00	81277
Mar 30	6.40	0.00	81277
Mar 31	6.33	0.00	81277
Apr 01	6.19	0.00	81423
Apr 02	6.27	0.00	81423
Apr 03	6.38	0.03	81423
Average Flow (MGD)	6.40	0.03	Inches Rain

Comments: The seven day period of March 28 through April 3, 2016 was identified as a dry weather period within a period of seasonal high groundwater.

DETERMINATION OF NON EXCESSIVE INFLOW

EPA Inflow Criteria 275 gpcd

District Inflow 114 gpcd

Period	Flow	Rain	Population Equivalent
Jan 12	6.88	1.19	80807
Jan 13	8.56	1.11	80807
Jan 14	7.97	0.38	80807
Jan 15	7.27	0.11	80807
Jan 16	8.02	0.77	80807
Jan 17	8.51	0.87	80807
Jan 18	9.19	0.26	80807
Highest Average Flow (MGD)	9.19	4.69	Inches Rain

Comments: The seven day period of January 12 through January 18, 2016 was identified as a period of significant rainfall with surface ponding and runoff. January 18 was the highest recorded daily flow during a storm event.

Salmon Creek Wastewater Management System - Clark Regional Wastewater District

ANNUAL INFILTRATION/INFLOW REPORT

1/1/2016 to 12/31/2016

INFILTRATION/INFLOW SUMMARY

Year	I/I	% Over Base I/I	% of Max Design Flow
2011	1.94	76.4%	16.9%
2012	2.00	81.7%	17.4%
2013	1.07	-2.6%	9.3%
2014	1.50	36.3%	13.1%
2015	7.27	561.1%	63.3%
2016	1.73	57.6%	15.1%

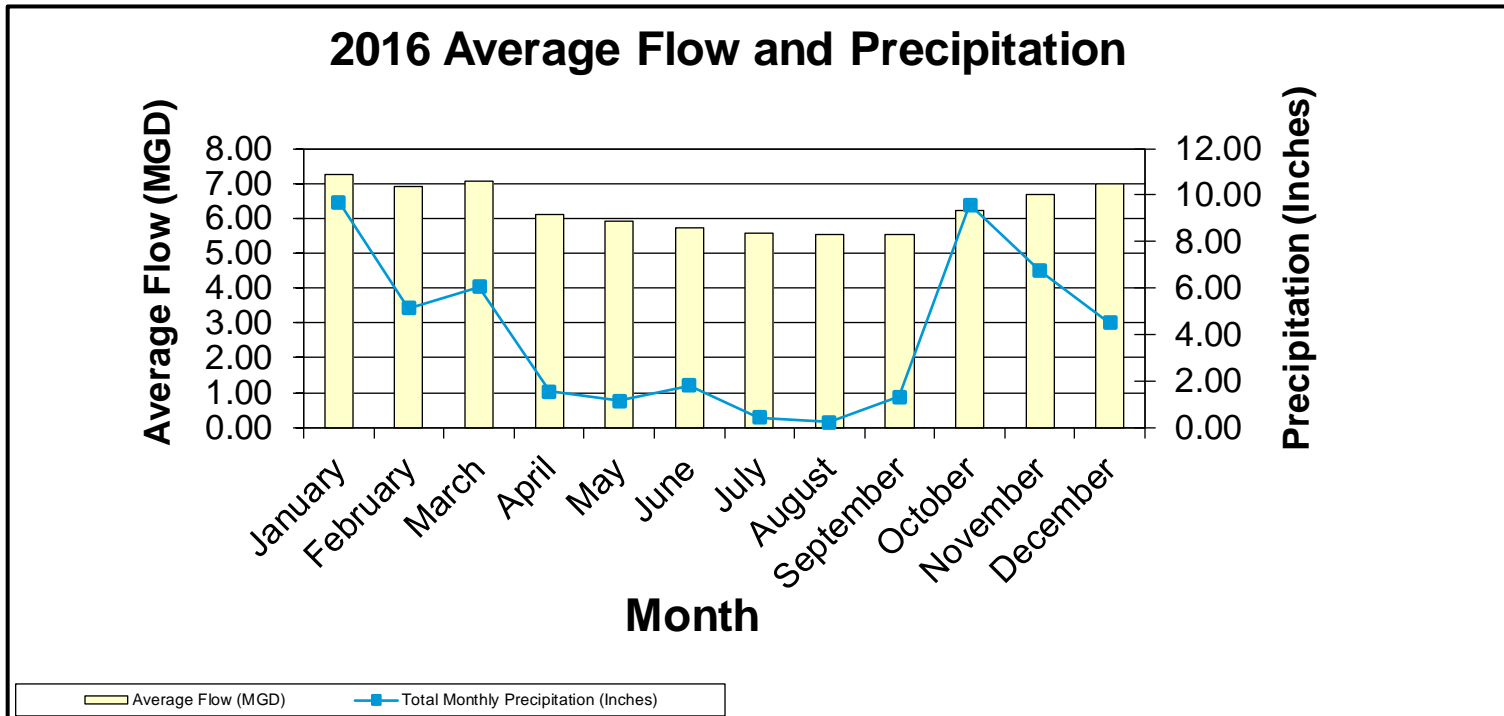
Base Year: 2003

I/I: 1.1

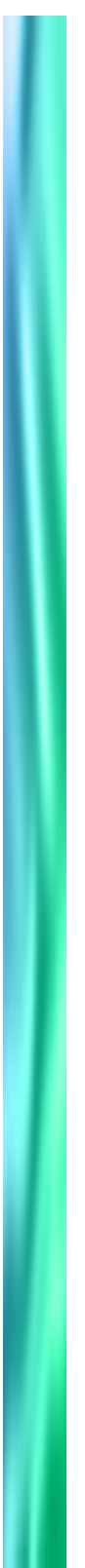
PLANT DESIGN CAPACITY

Peak Design Flow:	15.31 MGD
Max Month Design Flow:	11.48 MGD
Design Population Equivalent:	86,989 People

Comments: See Overview for I/I discussion.



Comments: Design capacity represents total plant capacity. Present population and infiltration/inflow data included in this report represent Clark Regional Wastewater's usage only. Battle Ground usage is reported separately.





APPENDIX C

MONTHLY FLOW AND RAINFALL



Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
1/1/2016	172600	16000	1.67	1.48	1.91	-0.24	8.20	7.88	0.32	0.00	0.00
1/2/2016	184900	18500	1.78	1.58	1.94	-0.16	8.28	7.93	0.35	0.00	0.00
1/3/2016	191700	17800	1.41	1.20	1.85	-0.44	8.23	7.91	0.32	0.00	0.01
1/4/2016	182700	18100	1.81	1.61	1.96	-0.15	8.53	8.23	0.30	0.27	0.14
1/5/2016	163000	26900	1.73	1.54	1.94	-0.20	8.19	7.92	0.27	0.10	0.41
1/6/2016	199200	23100	1.56	1.34	1.81	-0.24	7.98	7.71	0.27	0.07	0.02
1/7/2016	179000	27300	1.57	1.37	1.79	-0.22	7.78	7.54	0.24	0.00	0.00
1/8/2016	138300	22500	1.44	1.28	1.72	-0.29	7.63	7.38	0.25	0.00	0.00
1/9/2016	177600	14100	1.57	1.37	1.74	-0.18	7.84	7.62	0.22	0.05	0.06
1/10/2016	217600	14100	1.60	1.37	1.74	-0.13	8.01	7.74	0.27	0.00	0.00
1/11/2016	183600	25700	1.51	1.30	1.70	-0.19	7.65	7.45	0.20	0.06	0.20
1/12/2016	263500	41000	2.25	1.95	2.09	0.17	8.66	8.44	0.22	0.13	1.19
1/13/2016	267400	51100	2.83	2.51	3.18	-0.36	11.42	11.06	0.36	1.36	1.11
1/14/2016	222600	40300	2.62	2.36	2.82	-0.19	10.53	10.24	0.29	0.55	0.38
1/15/2016	222000	34300	2.25	1.99	2.45	-0.20	9.46	9.24	0.22	0.13	0.11
1/16/2016	238600	26000	2.55	2.29	2.89	-0.34	10.65	10.33	0.32	0.36	0.77
1/17/2016	296800	41000	3.14	2.80	3.19	-0.05	11.36	10.93	0.43	0.57	0.87
1/18/2016	234100	25200	2.32	2.06	2.17	0.15	11.10	10.73	0.37	0.80	0.26
1/19/2016	291600	58800	3.01	2.66	3.09	-0.08	10.95	10.56	0.39	0.23	0.65
1/20/2016	252200	45100	2.84	2.55	3.23	-0.38	10.96	10.64	0.32	0.98	0.32
1/21/2016	245300	43300	2.66	2.37	3.03	-0.37	10.81	10.53	0.28	0.41	0.40
1/22/2016	202300	38800	2.65	2.41	3.02	-0.37	11.09	10.81	0.28	0.48	0.48
1/23/2016	215700	28600	2.45	2.20	2.84	-0.39	10.62	10.33	0.29	0.22	0.29
1/24/2016	220300	24400	2.41	2.16	2.55	-0.14	10.07	9.76	0.31	0.18	0.04
1/25/2016	190300	27800	1.86	1.64	2.30	-0.44	9.22	9.00	0.22	0.01	0.00
1/26/2016	185700	27300	1.90	1.68	2.15	-0.25	8.72	8.55	0.17	0.03	0.12
1/27/2016	188000	31100	1.91	1.69	2.01	-0.10	8.42	8.28	0.14	0.06	0.06
1/28/2016	218800	39600	2.38	2.12	2.59	-0.22	9.53	9.36	0.17	0.61	0.69
1/29/2016	202700	34100	2.47	2.23	2.54	-0.06	9.51	9.30	0.21	0.36	0.48
1/30/2016	219900	28400	2.48	2.24	2.69	-0.20	10.10	9.81	0.29	0.69	0.46
1/31/2016	223500	22200	2.09	1.85	2.67	-0.58	9.95	9.60	0.35	0.12	0.16
Total	6591500	932500	66.73	59.20	73.56	-6.83	291.45	282.81	8.64	8.83	9.68
Min	138300	14100	1.41	1.20	1.70	-0.58	7.63	7.38	0.14	0.00	0.00
Max	296800	58800	3.14	2.80	3.23	0.17	11.42	11.06	0.43	1.36	1.19
Average	212629	30081	2.15	1.91	2.37	-0.22	9.40	9.12	0.28	0.28	0.31

Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
2/1/2016	194200	28600	1.47	1.25	1.70	-0.23	8.66	8.46	0.20	0.13	0.05
2/2/2016	183900	29000	1.87	1.66	2.62	-0.75	9.10	8.86	0.24	0.04	0.01
2/3/2016	204200	32500	1.97	1.74	2.09	-0.11	8.61	8.44	0.17	0.00	0.33
2/4/2016	229100	38800	2.50	2.23	2.73	-0.23	9.74	9.53	0.21	0.65	0.59
2/5/2016	158400	29400	2.10	1.91	2.49	-0.39	9.28	9.09	0.19	0.37	0.06
2/6/2016	194900	22100	2.03	1.81	2.31	-0.28	9.15	8.91	0.24	0.14	0.00
2/7/2016	226200	19200	1.95	1.70	2.13	-0.18	8.96	8.69	0.27	0.00	0.00
2/8/2016	186300	26700	1.86	1.64	2.01	-0.16	8.42	8.16	0.26	0.00	0.00
2/9/2016	171400	25600	1.60	1.40	1.91	-0.31	8.14	7.91	0.23	0.00	0.00
2/10/2016	173500	25000	1.61	1.41	1.79	-0.18	7.91	7.73	0.18	0.00	0.00
2/11/2016	181700	24800	1.60	1.39	1.83	-0.23	7.97	7.84	0.13	0.00	0.30
2/12/2016	158500	21200	1.64	1.46	1.86	-0.23	8.09	7.98	0.11	0.23	0.24
2/13/2016	230300	27900	2.08	1.82	2.04	0.04	8.44	8.24	0.20	0.19	0.38
2/14/2016	251100	35900	2.63	2.34	2.87	-0.25	9.83	9.65	0.18	1.10	0.40
2/15/2016	266400	27200	2.36	2.07	2.65	-0.28	9.60	9.41	0.19	0.30	0.00
2/16/2016	236100	40500	2.48	2.20	2.82	-0.34	9.75	9.55	0.20	0.54	0.40
2/17/2016	248100	43400	2.48	2.19	2.68	-0.20	9.58	9.35	0.23	0.11	0.47
2/18/2016	249300	50800	2.56	2.26	2.90	-0.33	10.20	9.92	0.28	0.58	0.43
2/19/2016	191100	44700	2.38	2.14	2.54	-0.17	9.89	9.70	0.19	0.52	0.41
2/20/2016	202100	27100	2.16	1.93	2.32	-0.16	9.69	9.43	0.26	0.25	0.02
2/21/2016	236000	23900	2.29	2.03	2.33	-0.03	9.44	9.17	0.27	0.00	0.13
2/22/2016	204600	25800	1.75	1.52	2.18	-0.44	8.86	8.63	0.23	0.18	0.02
2/23/2016	188300	28700	1.76	1.54	2.04	-0.28	8.50	8.32	0.18	0.00	0.00
2/24/2016	182900	25100	1.67	1.46	1.87	-0.21	8.15	7.99	0.16	0.00	0.00
2/25/2016	188300	24700	1.61	1.40	1.85	-0.24	7.97	7.81	0.16	0.00	0.00
2/26/2016	156900	31600	1.70	1.51	1.83	-0.13	7.96	7.82	0.14	0.00	0.40
2/27/2016	217100	24100	1.98	1.74	2.18	-0.21	8.75	8.58	0.17	0.57	0.08
2/28/2016	218400	23700	1.86	1.62	2.08	-0.22	8.69	8.49	0.20	0.11	0.03
2/29/2016	244600	33600	1.81	1.53	2.03	-0.22	8.39	8.25	0.14	0.15	0.38
Total	5973900	861600	57.74	50.90	64.66	-6.92	257.72	251.91	5.81	6.16	5.13
Min	156900	19200	1.47	1.25	1.70	-0.75	7.91	7.73	0.11	0.00	0.00
Max	266400	50800	2.63	2.34	2.90	0.04	10.20	9.92	0.28	1.10	0.59
Average	205997	29710	1.99	1.76	2.23	-0.24	8.89	8.69	0.20	0.21	0.18

Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
3/1/2016	229100	34300	2.12	1.85	2.39	-0.27	9.29	9.19	0.10	0.42	0.67
3/2/2016	244900	37500	2.20	1.92	2.34	-0.13	9.11	8.96	0.15	0.28	0.45
3/3/2016	216800	32200	2.03	1.78	2.43	-0.40	9.32	9.14	0.18	0.39	0.06
3/4/2016	157800	29100	1.84	1.65	2.17	-0.33	8.70	8.55	0.15	0.02	0.00
3/5/2016	221300	21500	1.99	1.75	2.28	-0.28	9.08	8.96	0.12	0.24	0.43
3/6/2016	254800	27500	2.19	1.91	2.20	-0.01	9.15	8.94	0.21	0.11	0.18
3/7/2016	247000	33000	2.18	1.90	2.46	-0.28	9.14	8.90	0.24	0.52	0.11
3/8/2016	215100	32300	2.10	1.85	2.41	-0.31	8.95	8.73	0.22	0.22	0.22
3/9/2016	260300	39900	2.47	2.17	2.53	-0.06	9.51	9.35	0.16	0.22	0.31
3/10/2016	253500	33900	2.59	2.31	2.93	-0.34	10.54	10.37	0.17	0.68	0.68
3/11/2016	195900	33000	2.34	2.12	2.67	-0.33	9.95	9.73	0.22	0.30	0.27
3/12/2016	230900	24300	2.36	2.11	2.67	-0.31	10.07	9.86	0.21	0.37	0.23
3/13/2016	305200	34800	2.61	2.27	2.96	-0.35	11.05	10.75	0.30	0.36	0.63
3/14/2016	243400	37500	2.44	2.16	2.80	-0.36	10.08	9.80	0.28	0.49	0.33
3/15/2016	234400	38300	2.42	2.15	2.69	-0.27	10.14	9.91	0.23	0.26	0.31
3/16/2016	212100	32500	2.16	1.92	2.46	-0.29	9.68	9.50	0.18	0.31	0.04
3/17/2016	198900	28800	1.97	1.74	2.26	-0.29	9.18	9.67	-0.49	0.00	0.00
3/18/2016	180200	30700	1.96	1.75	2.08	-0.12	8.72	8.61	0.11	0.00	0.00
3/19/2016	190600	16600	1.74	1.53	1.99	-0.25	8.62	8.48	0.14	0.00	0.01
3/20/2016	218700	18900	1.68	1.44	1.98	-0.30	8.82	8.63	0.19	0.00	0.25
3/21/2016	219200	30800	1.90	1.65	2.15	-0.25	8.93	8.81	0.12	0.52	0.29
3/22/2016	210400	23400	1.93	1.70	2.14	-0.21	8.69	8.54	0.15	0.25	0.17
3/23/2016	216200	38200	1.82	1.56	2.09	-0.27	8.54	8.42	0.12	0.23	0.04
3/24/2016	211500	30800	1.86	1.62	2.11	-0.25	8.61	8.46	0.15	0.15	0.13
3/25/2016	182500	28900	1.84	1.62	2.03	-0.19	8.36	8.19	0.17	0.09	0.01
3/26/2016	218300	20300	1.78	1.54	2.04	-0.26	8.53	8.36	0.17	0.04	0.11
3/27/2016	259700	25300	1.88	1.59	2.10	-0.23	8.87	8.65	0.22	0.27	0.11
3/28/2016	277800	28300	1.94	1.63	2.06	-0.12	8.48	8.28	0.20	0.20	0.00
3/29/2016	220500	23100	1.44	1.20	1.93	-0.49	8.16	8.02	0.14	0.00	0.00
3/30/2016	221500	22500	1.58	1.33	1.80	-0.23	7.96	7.95	0.01	0.00	0.00
3/31/2016	231700	21200	1.51	1.25	1.76	-0.26	7.84	7.67	0.17	0.00	0.00
Total	6980200	909400	62.87	54.98	70.91	-8.04	282.07	277.38	4.69	6.94	6.04
Min	157800	16600	1.44	1.20	1.76	-0.49	7.84	7.67	-0.49	0.00	0.00
Max	305200	39900	2.61	2.31	2.96	-0.01	11.05	10.75	0.30	0.68	0.68
Average	225168	29335	2.03	1.77	2.29	-0.26	9.10	8.95	0.15	0.22	0.19

Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
4/1/2016	165400	17600	1.37	1.18	1.69	-0.32	7.69	7.53	0.16	0.00	0.00
4/2/2016	226600	13000	1.47	1.23	1.70	-0.23	7.73	7.51	0.22	0.00	0.00
4/3/2016	258900	14100	1.44	1.17	1.59	-0.15	7.70	7.52	0.18	0.00	0.03
4/4/2016	201800	14500	1.42	1.21	1.66	-0.23	7.54	7.38	0.16	0.14	0.18
4/5/2016	193800	11300	1.38	1.18	1.58	-0.20	7.29	7.01	0.28	0.09	0.00
4/6/2016	196500	10500	1.29	1.08	1.49	-0.20	7.18	6.78	0.40	0.00	0.00
4/7/2016	196200	11300	1.29	1.09	1.50	-0.21	7.11	6.68	0.43	0.00	0.00
4/8/2016	164100	11900	1.30	1.12	1.48	-0.19	7.16	6.87	0.29	0.00	0.00
4/9/2016	199000	10500	1.30	1.09	1.52	-0.22	7.28	7.12	0.16	0.00	0.00
4/10/2016	237600	11100	1.31	1.07	1.50	-0.19	7.57	7.40	0.17	0.00	0.00
4/11/2016	202800	21400	1.28	1.05	1.49	-0.21	7.39	7.25	0.14	0.00	0.00
4/12/2016	201200	22800	1.32	1.09	1.50	-0.19	7.31	7.18	0.13	0.00	0.31
4/13/2016	214100	27800	1.50	1.26	1.55	-0.05	7.43	7.36	0.07	0.36	0.27
4/14/2016	207400	23900	1.40	1.17	1.75	-0.35	7.96	7.90	0.06	0.29	0.61
4/15/2016	196500	23600	1.51	1.29	1.64	-0.13	7.58	7.47	0.11	0.30	0.01
4/16/2016	211800	11500	1.39	1.17	1.62	-0.22	7.57	7.41	0.16	0.00	0.00
4/17/2016	201900	11700	1.28	1.07	1.58	-0.30	7.73	7.56	0.17	0.00	0.00
4/18/2016	232300	22600	1.28	1.02	1.55	-0.28	7.51	7.36	0.15	0.00	0.00
4/19/2016	197900	20600	1.27	1.05	1.49	-0.22	7.30	7.17	0.13	0.00	0.00
4/20/2016	198500	21600	1.24	1.02	1.44	-0.20	7.21	7.39	-0.18	0.00	0.00
4/21/2016	200300	21900	1.29	1.06	1.45	-0.16	7.15	7.36	-0.21	0.02	0.00
4/22/2016	198800	26100	1.53	1.30	1.58	-0.05	7.66	7.72	-0.06	0.27	0.00
4/23/2016	177300	13600	1.28	1.09	1.58	-0.30	7.58	7.52	0.06	0.23	0.00
4/24/2016	230800	15900	1.57	1.32	1.80	-0.23	8.10	7.97	0.13	0.49	0.15
4/25/2016	265800	24100	1.41	1.12	1.69	-0.28	7.68	7.55	0.13	0.24	0.00
4/26/2016	228000	25100	1.35	1.10	1.61	-0.26	7.39	7.28	0.11	0.00	0.00
4/27/2016	210700	22300	1.29	1.06	1.51	-0.21	7.24	7.95	-0.71	0.02	0.00
4/28/2016	200500	20600	1.28	1.06	1.52	-0.24	7.23	7.16	0.07	0.00	0.00
4/29/2016	190400	20300	1.37	1.16	1.46	-0.08	7.08	7.01	0.07	0.00	0.00
4/30/2016	208200	9300	1.27	1.05	1.48	-0.21	7.22	7.14	0.08	0.02	0.00
Total	6215100	532500	40.69	33.94	47.00	-6.31	223.57	220.51	3.06	2.47	1.56
Min	164100	9300	1.24	1.02	1.44	-0.35	7.08	6.68	-0.71	0.00	0.00
Max	265800	27800	1.57	1.32	1.80	-0.05	8.10	7.97	0.43	0.49	0.61
Average	207170	17750	1.36	1.13	1.57	-0.21	7.45	7.35	0.10	0.08	0.05

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Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
5/1/2016	219300	9600	1.14	0.91	1.45	-0.31	7.39	7.27	0.12	0.00	0.00
5/2/2016	199900	20300	1.22	1.00	1.47	-0.24	7.25	7.14	0.11	0.00	0.00
5/3/2016	195400	26400	1.21	0.98	1.42	-0.22	7.07	7.00	0.07	0.00	0.00
5/4/2016	195400	13600	1.16	0.95	1.36	-0.20	7.01	6.95	0.06	0.04	0.00
5/5/2016	195600	24000	1.20	0.98	1.40	-0.20	6.97	6.90	0.07	0.00	0.00
5/6/2016	143200	20700	1.10	0.94	1.37	-0.26	6.89	6.84	0.05	0.00	0.00
5/7/2016	199300	13300	1.19	0.97	1.40	-0.21	7.02	6.93	0.09	0.00	0.00
5/8/2016	247800	10400	1.16	0.90	1.30	-0.14	7.15	7.00	0.15	0.00	0.00
5/9/2016	204500	20500	1.25	1.03	1.38	-0.13	7.10	6.96	0.14	0.00	0.00
5/10/2016	187100	24000	1.05	0.84	1.34	-0.29	6.90	6.80	0.10	0.00	0.00
5/11/2016	186300	20100	1.12	0.91	1.29	-0.17	6.84	6.71	0.13	0.00	0.00
5/12/2016	187900	19200	1.13	0.92	1.33	-0.20	6.90	6.76	0.14	0.00	0.00
5/13/2016	179900	23200	1.27	1.06	1.29	-0.02	6.76	6.66	0.10	0.00	0.00
5/14/2016	194000	19300	1.23	1.01	1.34	-0.11	6.98	6.88	0.10	0.00	0.00
5/15/2016	184700	21000	1.36	1.16	1.72	-0.36	8.16	8.08	0.08	0.80	0.47
5/16/2016	224200	22800	1.29	1.05	1.58	-0.29	7.55	7.48	0.07	0.29	0.00
5/17/2016	198600	24400	1.27	1.05	1.46	-0.19	7.20	7.16	0.04	0.00	0.00
5/18/2016	186300	19800	1.15	0.95	1.38	-0.22	7.06	7.00	0.06	0.00	0.00
5/19/2016	203200	23600	1.32	1.10	1.51	-0.18	7.26	7.14	0.12	0.01	0.43
5/20/2016	150600	21000	1.27	1.10	1.50	-0.23	7.23	7.15	0.08	0.32	0.01
5/21/2016	222300	17200	1.50	1.26	1.57	-0.07	7.58	7.45	0.13	0.01	0.00
5/22/2016	199700	11900	1.31	1.09	1.56	-0.25	7.77	7.63	0.14	0.37	0.04
5/23/2016	234700	26400	1.25	0.99	1.52	-0.27	7.37	7.24	0.13	0.06	0.04
5/24/2016	194000	23800	1.24	1.02	1.46	-0.22	7.12	6.99	0.13	0.00	0.00
5/25/2016	195600	23100	1.18	0.96	1.36	-0.19	7.01	6.85	0.16	0.00	0.00
5/26/2016	201900	22700	1.17	0.94	1.41	-0.24	7.00	6.84	0.16	0.00	0.02
5/27/2016	180900	23400	1.29	1.09	1.37	-0.08	6.89	6.73	0.16	0.02	0.12
5/28/2016	187600	13600	1.11	0.91	1.32	-0.21	6.78	6.62	0.16	0.05	0.00
5/29/2016	183300	8400	1.05	0.86	1.22	-0.16	6.64	6.48	0.16	0.00	0.00
5/30/2016	214900	8900	1.07	0.84	1.39	-0.33	7.19	6.97	0.22	0.00	0.00
5/31/2016	200700	20400	1.13	0.91	1.35	-0.23	7.01	6.86	0.15	0.00	0.00
Total	6098800	597000	37.39	30.69	43.82	-6.43	221.05	217.47	3.58	1.97	1.13
Min	143200	8400	1.05	0.84	1.22	-0.36	6.64	6.48	0.04	0.00	0.00
Max	247800	26400	1.50	1.26	1.72	-0.02	8.16	8.08	0.22	0.80	0.47
Average	196735	19258	1.21	0.99	1.41	-0.21	7.13	7.02	0.12	0.06	0.04

Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
6/1/2016	192500	21000	1.12	0.90	1.28	-0.16	6.81	6.64	0.17	0.00	0.17
6/2/2016	206700	19500	1.21	0.98	1.39	-0.18	6.97	6.87	0.10	0.25	0.17
6/3/2016	156200	19400	1.16	0.98	1.34	-0.18	6.84	6.61	0.23	0.00	0.00
6/4/2016	193500	12000	1.14	0.93	1.33	-0.19	6.83	6.58	0.25	0.00	0.00
6/5/2016	195300	10800	1.12	0.92	1.30	-0.18	7.05	6.87	0.18	0.00	0.00
6/6/2016	217900	19500	1.11	0.87	1.35	-0.24	7.04	6.87	0.17	0.00	0.00
6/7/2016	186700	21100	1.11	0.90	1.32	-0.21	6.86	6.70	0.16	0.00	0.00
6/8/2016	195900	19600	1.11	0.90	1.29	-0.18	6.75	6.52	0.23	0.00	0.00
6/9/2016	183900	22800	1.16	0.95	1.33	-0.17	6.88	6.70	0.18	0.00	0.27
6/10/2016	139200	22300	1.13	0.97	1.37	-0.24	6.96	6.89	0.07	0.15	0.44
6/11/2016	189700	9200	1.19	0.99	1.38	-0.19	7.01	6.91	0.10	0.21	0.00
6/12/2016	235100	11100	1.21	0.96	1.33	-0.12	7.13	7.02	0.11	0.00	0.00
6/13/2016	195500	21100	1.20	0.98	1.38	-0.18	7.03	6.93	0.10	0.00	0.14
6/14/2016	192600	23000	1.17	0.95	1.37	-0.20	6.89	6.74	0.15	0.23	0.11
6/15/2016	187500	17800	1.15	0.95	1.32	-0.17	6.80	6.67	0.13	0.14	0.00
6/16/2016	186900	14300	1.15	0.95	1.35	-0.20	6.77	6.67	0.10	0.10	0.00
6/17/2016	195000	12300	1.28	1.08	1.33	-0.04	6.74	6.63	0.11	0.08	0.01
6/18/2016	195200	16100	1.15	0.94	1.34	-0.19	6.83	6.69	0.14	0.02	0.04
6/19/2016	208500	11700	0.92	0.70	1.27	-0.34	6.85	6.72	0.13	0.10	0.00
6/20/2016	169600	14800	1.15	0.96	1.31	-0.16	6.84	6.68	0.16	0.00	0.00
6/21/2016	189900	13900	1.10	0.90	1.05	0.06	6.32	6.22	0.10	0.00	0.00
6/22/2016	178400	11400	1.10	0.91	1.46	-0.36	6.93	6.87	0.06	0.00	0.00
6/23/2016	177500	19500	1.41	1.21	1.50	-0.09	7.14	7.12	0.02	0.27	0.40
6/24/2016	180500	12500	1.21	1.02	1.49	-0.27	7.10	7.30	-0.20	0.76	0.05
6/25/2016	196500	11200	1.22	1.02	1.42	-0.20	6.96	6.93	0.03	0.06	0.00
6/26/2016	206900	11800	1.26	1.04	1.34	-0.08	6.96	6.90	0.06	0.00	0.00
6/27/2016	205900	10000	1.09	0.87	1.37	-0.28	6.91	6.84	0.07	0.00	0.00
6/28/2016	181000	12400	1.15	0.96	1.33	-0.17	6.63	6.50	0.13	0.00	0.00
6/29/2016	181400	11100	1.12	0.93	1.27	-0.14	6.77	6.68	0.09	0.00	0.00
6/30/2016	183200	10200	1.12	0.92	1.29	-0.17	6.69	6.64	0.05	0.00	0.00
Total	5704600	463400	34.74	28.57	40.18	-5.44	206.29	202.91	3.38	2.37	1.80
Min	139200	9200	0.92	0.70	1.05	-0.36	6.32	6.22	-0.20	0.00	0.00
Max	235100	23000	1.41	1.21	1.50	0.06	7.14	7.30	0.25	0.76	0.44
Average	190153	15447	1.16	0.95	1.34	-0.18	6.88	6.76	0.11	0.08	0.06

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Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
7/1/2016	131300	10800	1.06	0.92	1.25	-0.19	6.63	6.57	0.06	0.00	0.00
7/2/2016	181400	13700	1.11	0.91	1.28	-0.18	6.63	6.52	0.11	0.00	0.00
7/3/2016	176600	9300	1.02	0.84	1.18	-0.16	6.50	6.44	0.06	0.00	0.00
7/4/2016	222000	9700	1.11	0.88	1.26	-0.15	6.77	6.69	0.08	0.01	0.00
7/5/2016	193500	10900	1.10	0.89	1.29	-0.20	6.74	6.69	0.05	0.00	0.00
7/6/2016	190000	10100	1.07	0.87	1.22	-0.15	6.63	6.61	0.02	0.00	0.00
7/7/2016	177200	13100	1.10	0.91	1.25	-0.15	6.67	6.67	0.00	0.00	0.17
7/8/2016	162000	9800	1.17	0.99	1.27	-0.10	6.66	6.69	-0.03	0.25	0.22
7/9/2016	174300	9000	1.12	0.93	1.36	-0.24	6.96	6.92	0.04	0.29	0.01
7/10/2016	222100	10900	1.11	0.88	1.28	-0.17	6.98	6.91	0.07	0.03	0.02
7/11/2016	181600	11800	1.14	0.94	1.31	-0.17	6.79	6.72	0.07	0.02	0.00
7/12/2016	191400	11500	1.08	0.88	1.27	-0.19	6.66	6.62	0.04	0.00	0.01
7/13/2016	180900	10400	1.08	0.89	1.21	-0.13	6.52	6.46	0.06	0.02	0.00
7/14/2016	183200	10400	1.08	0.89	1.27	-0.18	6.56	6.52	0.04	0.00	0.00
7/15/2016	164000	8400	1.12	0.95	1.25	-0.13	6.54	6.49	0.05	0.00	0.00
7/16/2016	211700	9300	1.13	0.91	1.25	-0.12	6.59	6.52	0.07	0.00	0.00
7/17/2016	224000	14800	1.22	0.98	1.24	-0.02	6.74	6.67	0.07	0.00	0.00
7/18/2016	165700	9900	0.84	0.67	1.25	-0.40	6.66	6.62	0.04	0.00	0.00
7/19/2016	177200	12100	1.04	0.85	1.21	-0.18	6.52	6.48	0.04	0.00	0.00
7/20/2016	173800	10500	1.03	0.84	1.16	-0.13	6.44	6.35	0.09	0.00	0.00
7/21/2016	169800	13300	1.04	0.86	1.19	-0.15	6.50	6.35	0.15	0.00	0.00
7/22/2016	160500	17000	1.11	0.93	1.20	-0.09	6.48	6.41	0.07	0.02	0.01
7/23/2016	167900	8700	0.99	0.82	1.21	-0.22	6.55	6.48	0.07	0.00	0.00
7/24/2016	190800	9500	1.04	0.84	1.18	-0.14	6.66	6.56	0.10	0.00	0.00
7/25/2016	205600	10300	1.05	0.84	1.23	-0.18	6.73	6.57	0.16	0.00	0.00
7/26/2016	194100	9500	1.00	0.80	1.19	-0.19	6.52	6.13	0.39	0.00	0.00
7/27/2016	180000	12300	1.04	0.85	1.17	-0.12	6.45	6.07	0.38	0.00	0.00
7/28/2016	175300	12400	1.03	0.84	1.19	-0.16	6.49	5.98	0.51	0.00	0.00
7/29/2016	153100	18300	1.06	0.89	1.19	-0.13	6.54	5.78	0.76	0.00	0.00
7/30/2016	194600	14900	1.06	0.85	1.19	-0.12	6.46	5.87	0.59	0.00	0.00
7/31/2016	193300	14700	0.95	0.74	1.17	-0.22	6.62	6.25	0.37	0.00	0.00
Total	5668900	357300	33.11	27.08	38.17	-5.07	205.19	200.61	4.58	0.64	0.44
Min	131300	8400	0.84	0.67	1.16	-0.40	6.44	5.78	-0.03	0.00	0.00
Max	224000	18300	1.22	0.99	1.36	-0.02	6.98	6.92	0.76	0.29	0.22
Average	182868	11526	1.07	0.87	1.23	-0.16	6.62	6.47	0.15	0.02	0.01

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Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
8/1/2016	179500	11200	1.07	0.88	1.23	-0.16	6.65	6.34	0.31	0.00	0.00
8/2/2016	181900	9900	1.04	0.85	1.20	-0.15	6.48	7.14	-0.66	0.00	0.00
8/3/2016	187200	11200	1.01	0.81	1.14	-0.14	6.45	6.65	-0.20	0.00	0.00
8/4/2016	185000	9800	1.05	0.86	1.20	-0.14	6.52	5.95	0.57	0.00	0.00
8/5/2016	140000	12100	0.98	0.82	1.19	-0.21	6.55	6.33	0.22	0.00	0.00
8/6/2016	183300	9000	1.02	0.83	1.19	-0.16	6.53	6.42	0.11	0.00	0.00
8/7/2016	215800	14900	1.04	0.81	1.16	-0.12	6.67	6.55	0.12	0.00	0.01
8/8/2016	183000	11900	1.04	0.85	1.22	-0.17	6.69	6.59	0.10	0.03	0.06
8/9/2016	187500	11300	1.03	0.83	1.20	-0.17	6.56	6.47	0.09	0.04	0.00
8/10/2016	174900	12200	1.00	0.82	1.13	-0.13	6.50	6.30	0.20	0.04	0.00
8/11/2016	181000	9100	1.04	0.85	1.19	-0.15	6.54	6.32	0.22	0.00	0.00
8/12/2016	165800	13200	1.11	0.93	1.16	-0.05	6.51	6.29	0.22	0.00	0.00
8/13/2016	182000	10300	1.06	0.87	1.17	-0.11	6.50	6.41	0.09	0.00	0.00
8/14/2016	172100	9400	0.87	0.69	1.16	-0.29	6.68	6.58	0.10	0.00	0.00
8/15/2016	179600	14000	1.08	0.88	1.23	-0.15	6.66	6.46	0.20	0.00	0.00
8/16/2016	156700	11500	1.05	0.88	1.20	-0.15	6.48	6.27	0.21	0.00	0.00
8/17/2016	202000	11000	1.00	0.78	1.14	-0.14	6.41	6.18	0.23	0.00	0.00
8/18/2016	171600	10100	1.03	0.85	1.17	-0.15	6.45	6.17	0.28	0.00	0.00
8/19/2016	131700	10700	1.00	0.85	1.15	-0.15	6.36	6.01	0.35	0.00	0.00
8/20/2016	176000	8600	1.02	0.84	1.17	-0.15	6.38	6.17	0.21	0.00	0.00
8/21/2016	208600	9600	1.02	0.80	1.18	-0.15	6.57	6.40	0.17	0.00	0.00
8/22/2016	157500	12600	1.06	0.89	1.20	-0.13	6.59	6.42	0.17	0.00	0.00
8/23/2016	192000	13000	1.07	0.86	1.19	-0.12	6.48	6.21	0.27	0.00	0.00
8/24/2016	167600	11100	0.99	0.82	1.15	-0.15	6.42	6.07	0.35	0.00	0.00
8/25/2016	180500	12300	1.03	0.84	1.18	-0.15	6.48	6.15	0.33	0.00	0.00
8/26/2016	166900	10300	0.99	0.82	1.18	-0.19	6.44	5.91	0.53	0.00	0.00
8/27/2016	177200	8900	0.81	0.62	1.06	-0.25	6.43	6.20	0.23	0.00	0.00
8/28/2016	221100	10500	1.18	0.94	1.27	-0.10	6.64	6.54	0.10	0.00	0.00
8/29/2016	213200	14700	1.02	0.79	1.25	-0.23	6.71	6.44	0.27	0.00	0.00
8/30/2016	155100	14500	1.05	0.88	1.20	-0.16	6.55	6.28	0.27	0.00	0.00
8/31/2016	182500	15400	1.01	0.81	1.17	-0.16	6.57	6.51	0.06	0.00	0.15
Total	5558800	354300	31.76	25.85	36.61	-4.85	202.45	196.73	5.72	0.11	0.22
Min	131700	8600	0.81	0.62	1.06	-0.29	6.36	5.91	-0.66	0.00	0.00
Max	221100	15400	1.18	0.94	1.27	-0.05	6.71	7.14	0.57	0.04	0.15
Average	179316	11429	1.02	0.83	1.18	-0.16	6.53	6.35	0.18	0.00	0.01

Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
9/1/2016	188600	16100	1.02	0.82	1.21	-0.19	6.63	6.54	0.09	0.09	0.09
9/2/2016	160200	18200	1.06	0.88	1.20	-0.15	6.57	6.49	0.08	0.14	0.18
9/3/2016	178200	8700	0.99	0.80	1.18	-0.19	6.41	6.26	0.15	0.09	0.00
9/4/2016	173800	8300	0.96	0.77	1.09	-0.14	6.26	6.12	0.14	0.01	0.00
9/5/2016	223400	9500	1.08	0.84	1.28	-0.20	6.92	6.72	0.20	0.00	0.00
9/6/2016	197600	21100	1.16	0.94	1.32	-0.17	6.86	6.77	0.09	0.19	0.37
9/7/2016	190100	18600	1.02	0.81	1.20	-0.18	6.55	6.44	0.11	0.19	0.00
9/8/2016	184100	22000	1.06	0.86	1.23	-0.16	6.52	6.38	0.14	0.00	0.00
9/9/2016	134100	18700	0.98	0.83	1.19	-0.21	6.41	6.27	0.14	0.00	0.00
9/10/2016	182700	10500	1.03	0.84	1.20	-0.17	6.46	6.31	0.15	0.00	0.00
9/11/2016	239100	9600	1.07	0.82	1.19	-0.12	6.75	6.55	0.20	0.00	0.00
9/12/2016	180400	22100	1.07	0.87	1.22	-0.15	6.65	6.46	0.19	0.00	0.00
9/13/2016	161500	18700	1.05	0.87	1.22	-0.17	6.45	6.11	0.34	0.00	0.00
9/14/2016	182000	25400	1.04	0.83	1.19	-0.15	6.45	6.27	0.18	0.00	0.00
9/15/2016	181200	25100	0.94	0.73	1.21	-0.27	6.40	6.25	0.15	0.00	0.00
9/16/2016	207800	21100	1.16	0.93	1.20	-0.04	6.40	6.27	0.13	0.00	0.00
9/17/2016	174100	15800	1.23	1.04	1.38	-0.15	6.93	6.80	0.13	0.17	0.54
9/18/2016	180900	14200	1.10	0.91	1.35	-0.25	7.15	7.03	0.12	0.87	0.04
9/19/2016	197100	24100	1.18	0.96	1.33	-0.16	6.80	6.65	0.15	0.01	0.02
9/20/2016	201300	21000	1.15	0.93	1.27	-0.13	6.49	6.33	0.16	0.04	0.00
9/21/2016	178400	19200	1.03	0.83	1.19	-0.16	6.51	6.36	0.15	0.00	0.00
9/22/2016	163400	19100	0.98	0.80	1.24	-0.26	6.47	6.31	0.16	0.00	0.00
9/23/2016	176200	18000	1.04	0.85	1.22	-0.18	6.38	6.24	0.14	0.02	0.08
9/24/2016	189000	9400	1.10	0.90	1.25	-0.15	6.54	6.38	0.16	0.14	0.00
9/25/2016	207500	11500	1.16	0.94	1.24	-0.08	6.78	6.63	0.15	0.00	0.00
9/26/2016	191000	20200	1.07	0.86	1.25	-0.18	6.61	6.50	0.11	0.00	0.00
9/27/2016	186300	22400	1.04	0.83	1.23	-0.19	6.43	6.32	0.11	0.00	0.00
9/28/2016	185300	19000	1.03	0.82	1.16	-0.13	6.41	6.28	0.13	0.00	0.00
9/29/2016	190000	19200	1.10	0.89	1.23	-0.13	6.42	6.27	0.15	0.00	0.00
9/30/2016	192400	22000	1.08	0.87	1.19	-0.10	6.31	6.13	0.18	0.00	0.00
Total	5577700	528800	31.95	25.85	36.90	-4.94	196.92	192.44	4.48	1.96	1.32
Min	134100	8300	0.94	0.73	1.09	-0.27	6.26	6.11	0.08	0.00	0.00
Max	239100	25400	1.23	1.04	1.38	-0.04	7.15	7.03	0.34	0.87	0.54
Average	185923	17627	1.07	0.86	1.23	-0.16	6.56	6.41	0.15	0.07	0.04

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Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
10/1/2016	208700	10300	1.43	1.21	1.26	0.17	6.56	6.39	0.17	0.10	0.39
10/2/2016	186500	10500	1.17	0.98	1.31	-0.14	7.11	6.94	0.17	0.41	0.30
10/3/2016	184000	20600	1.33	1.13	1.31	0.03	6.74	6.57	0.17	0.00	0.04
10/4/2016	187200	21700	1.38	1.17	1.30	0.07	6.63	6.54	0.09	0.14	0.18
10/5/2016	192000	26900	1.51	1.29	1.41	0.10	6.90	6.90	0.00	0.44	0.33
10/6/2016	189000	26000	1.35	1.13	1.42	-0.07	6.78	6.78	0.00	0.65	0.13
10/7/2016	143300	24500	1.60	1.44	1.71	-0.10	7.29	7.42	-0.13	0.68	0.28
10/8/2016	189300	13100	1.59	1.39	1.91	-0.32	7.05	7.23	-0.18	0.07	0.07
10/9/2016	222700	21000	1.99	1.75	1.56	0.43	7.80	7.87	-0.07	0.51	0.86
10/10/2016	191300	23500	1.70	1.48	1.93	-0.24	7.95	7.91	0.04	0.74	0.00
10/11/2016	178800	23100	1.49	1.29	1.61	-0.12	7.15	7.07	0.08	0.01	0.01
10/12/2016	186300	23200	1.50	1.29	1.38	0.12	6.79	6.74	0.05	0.00	0.07
10/13/2016	206200	45900	2.51	2.25	1.69	0.81	8.39	8.35	0.04	0.52	2.29
10/14/2016	164700	31600	2.34	2.15	2.83	-0.49	9.83	9.66	0.17	1.75	0.66
10/15/2016	230500	28200	2.63	2.37	2.50	0.13	9.21	9.04	0.17	0.68	0.58
10/16/2016	241600	25900	2.48	2.22	2.40	0.09	9.21	9.19	0.02	0.70	0.64
10/17/2016	207700	37400	2.52	2.27	2.63	-0.11	9.27	9.42	-0.15	0.61	0.41
10/18/2016	192500	31200	2.26	2.04	2.36	-0.10	8.43	8.62	-0.19	0.42	0.04
10/19/2016	231400	30600	2.12	1.86	2.04	0.08	8.05	8.28	-0.23	0.28	0.24
10/20/2016	232500	37300	2.32	2.05	2.28	0.03	8.45	8.60	-0.15	0.28	0.28
10/21/2016	168000	34200	2.03	1.83	2.11	-0.08	8.14	8.21	-0.07	0.37	0.19
10/22/2016	220900	21800	2.04	1.79	1.98	0.06	8.07	8.12	-0.05	0.17	0.04
10/23/2016	247300	20900	1.95	1.68	1.91	0.04	8.21	8.26	-0.05	0.15	0.04
10/24/2016	212900	30600	1.89	1.65	1.83	0.06	7.74	7.80	-0.06	0.00	0.13
10/25/2016	217000	27900	1.81	1.56	1.79	0.02	7.49	7.60	-0.11	0.20	0.01
10/26/2016	238800	41300	2.46	2.18	1.93	0.53	8.18	8.28	-0.10	0.34	0.71
10/27/2016	232200	33000	2.38	2.12	2.69	-0.31	9.10	9.13	-0.03	0.83	0.17
10/28/2016	140400	25000	1.97	1.81	2.09	-0.12	8.19	8.21	-0.02	0.05	0.01
10/29/2016	248000	18500	1.97	1.71	1.99	-0.01	8.09	8.05	0.04	0.03	0.05
10/30/2016	270700	21600	2.12	1.83	1.80	0.32	7.98	7.88	0.10	0.10	0.19
10/31/2016	218100	33400	2.08	1.83	2.02	0.06	8.03	8.04	-0.01	0.45	0.24
Total	6380500	820700	59.93	52.73	58.97	0.96	244.81	245.10	-0.29	11.68	9.58
Min	140400	10300	1.17	0.98	1.26	-0.49	6.56	6.39	-0.23	0.00	0.00
Max	270700	45900	2.63	2.37	2.83	0.81	9.83	9.66	0.17	1.75	2.29
Average	205823	26474	1.93	1.70	1.90	0.03	7.90	7.91	-0.01	0.38	0.31

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Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
11/1/2016	217200	32500	1.73	1.48	2.03	-0.30	7.97	7.97	0.00	0.17	0.00
11/2/2016	216300	27000	1.60	1.35	1.87	-0.27	7.62	7.65	-0.03	0.01	0.05
11/3/2016	213700	32800	1.56	1.31	1.77	-0.22	7.50	7.46	0.04	0.07	0.01
11/4/2016	198900	27800	1.60	1.38	1.69	-0.09	7.30	7.28	0.02	0.04	0.00
11/5/2016	252000	35200	2.42	2.14	2.12	0.30	8.15	8.11	0.04	0.00	1.06
11/6/2016	258700	25400	1.99	1.71	2.52	-0.53	9.76	9.71	0.05	1.23	0.02
11/7/2016	234600	31600	1.84	1.57	2.12	-0.28	8.60	8.64	-0.04	0.02	0.00
11/8/2016	214800	27900	1.68	1.43	2.05	-0.37	7.88	7.86	0.02	0.00	0.00
11/9/2016	221500	29300	1.58	1.33	1.83	-0.25	7.56	7.60	-0.04	0.05	0.06
11/10/2016	190500	26800	1.60	1.38	1.76	-0.15	7.38	7.38	0.00	0.02	0.00
11/11/2016	208800	15200	1.51	1.29	1.69	-0.18	7.39	7.41	-0.02	0.00	0.02
11/12/2016	209600	16900	1.48	1.25	1.69	-0.21	7.40	7.42	-0.02	0.07	0.00
11/13/2016	260700	20600	1.54	1.26	1.63	-0.09	7.58	7.53	0.05	0.02	0.06
11/14/2016	269300	48900	2.31	1.99	2.27	0.04	8.37	8.37	0.00	0.89	0.87
11/15/2016	268800	39500	2.36	2.05	2.80	-0.45	9.40	9.31	0.09	0.68	0.27
11/16/2016	257000	37800	2.21	1.92	2.26	-0.05	8.72	8.32	0.40	0.34	0.11
11/17/2016	260400	30100	1.76	1.47	2.36	-0.59	8.41	7.99	0.42	0.02	0.01
11/18/2016	174400	27000	1.66	1.46	2.00	-0.34	7.84	7.77	0.07	0.00	0.00
11/19/2016	252700	18100	1.75	1.48	1.99	-0.24	8.04	7.86	0.18	0.01	0.20
11/20/2016	300100	20900	1.82	1.50	1.98	-0.16	8.35	8.23	0.12	0.13	0.20
11/21/2016	238400	29400	1.65	1.39	1.78	-0.13	7.83	7.72	0.11	0.13	0.05
11/22/2016	251000	36100	2.04	1.75	1.92	0.11	8.03	7.90	0.13	0.02	0.60
11/23/2016	277100	25800	2.10	1.80	2.56	-0.46	9.28	9.12	0.16	0.81	0.00
11/24/2016	482600	56100	3.53	2.99	3.29	0.24	11.25	10.94	0.31	0.23	1.82
11/25/2016	373500	36300	3.00	2.59	3.99	-0.99	12.03	11.72	0.31	2.00	0.20
11/26/2016	326100	28500	2.39	2.04	2.91	-0.52	10.10	9.86	0.24	0.05	0.53
11/27/2016	416400	38800	2.94	2.49	3.00	-0.06	10.72	10.38	0.34	0.50	0.35
11/28/2016	327100	38300	2.33	1.97	2.87	-0.54	10.20	9.23	0.97	0.53	0.07
11/29/2016	294600	34100	2.22	1.89	2.61	-0.40	9.20	9.04	0.16	0.15	0.02
11/30/2016	309500	40100	2.43	2.08	2.53	-0.11	9.13	8.93	0.20	0.25	0.17
Total	7976300	934800	60.63	51.72	67.91	-7.28	258.99	254.71	4.28	8.44	6.75
Min	174400	15200	1.48	1.25	1.63	-0.99	7.30	7.28	-0.04	0.00	0.00
Max	482600	56100	3.53	2.99	3.99	0.30	12.03	11.72	0.97	2.00	1.82
Average	265877	31160	2.02	1.72	2.26	-0.24	8.63	8.49	0.14	0.28	0.23

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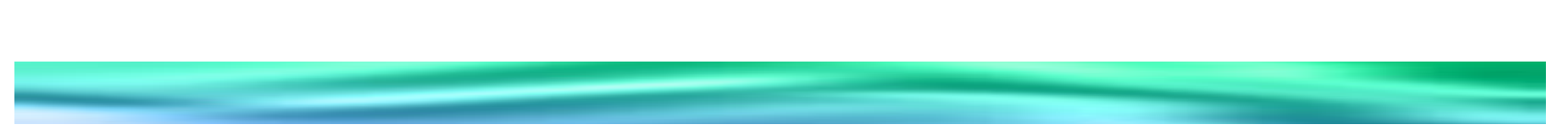
Date	Meadow Glade GPD	Hockinson GPD	Total BG Inf MGD	BG Only MGD	Total BG Eff MGD	Diff MGD	SC Inf MGD	SC Eff MGD	Diff MGD	BG Rainfall	SC Rainfall
12/1/2016	279500	34800	2.61	2.29	2.68	-0.07	9.02	8.76	0.26	0.47	0.06
12/2/2016	214600	30800	2.18	1.94	2.47	-0.29	8.66	8.47	0.19	0.13	0.13
12/3/2016	295800	28700	2.63	2.31	2.39	0.25	8.72	8.50	0.22	0.22	0.08
12/4/2016	419400	38000	3.34	2.88	3.26	0.08	10.57	10.16	0.41	0.85	0.52
12/5/2016	323200	45400	2.85	2.48	2.45	0.40	9.45	9.04	0.41	0.25	0.39
12/6/2016	281400	34500	2.49	2.18	2.73	-0.23	9.39	8.98	0.41	0.35	0.00
12/7/2016	256100	26600	2.19	1.90	2.48	-0.29	8.80	8.31	0.49	0.00	0.00
12/8/2016	273000	19200	2.18	1.89	2.17	0.01	8.62	8.11	0.51	0.00	0.00
12/9/2016	269700	35100	2.59	2.29	2.17	0.42	9.19	8.76	0.43	0.30	0.00
12/10/2016	357700	34300	2.99	2.60	2.55	0.44	10.09	9.66	0.43	0.64	1.03
12/11/2016	355600	34100	2.95	2.56	2.97	-0.03	10.56	10.20	0.36	0.55	0.39
12/12/2016	327200	37300	2.65	2.29	2.57	0.08	9.85	9.54	0.31	0.28	0.05
12/13/2016	267000	31800	2.34	2.04	2.82	-0.48	9.49	9.06	0.43	0.06	0.00
12/14/2016	249300	26600	2.11	1.83	1.87	0.24	8.26	7.80	0.46	0.00	0.00
12/15/2016	266800	20400	2.15	1.87	1.94	0.22	8.43	7.91	0.52	0.05	0.00
12/16/2016	221800	17700	2.00	1.76	1.96	0.03	8.25	7.76	0.49	0.00	0.00
12/17/2016	249400	15000	1.88	1.62	1.92	-0.04	8.23	7.71	0.52	0.00	0.00
12/18/2016	271000	15700	1.81	1.53	1.86	-0.04	8.20	7.70	0.50	0.03	0.04
12/19/2016	337600	43900	2.75	2.36	1.91	0.83	8.38	8.07	0.31	0.28	0.51
12/20/2016	321600	40800	3.23	2.87	3.95	-0.72	11.39	11.04	0.35	1.40	0.37
12/21/2016	287500	27900	2.39	2.08	1.88	0.52	8.78	8.33	0.45	0.03	0.01
12/22/2016	275500	25500	2.24	1.93	2.90	-0.67	9.35	8.86	0.49	0.27	0.07
12/23/2016	289100	28600	2.28	1.96	1.88	0.39	8.99	8.67	0.32	0.04	0.31
12/24/2016	287400	23200	2.16	1.85	2.45	-0.29	9.12	8.65	0.47	0.03	0.02
12/25/2016	259200	21800	1.87	1.59	1.93	-0.06	8.33	7.95	0.38	0.00	0.00
12/26/2016	338200	26300	2.26	1.89	1.86	0.40	8.41	7.98	0.43	0.73	0.12
12/27/2016	297900	30700	2.47	2.14	2.69	-0.22	9.39	9.04	0.35	0.03	0.21
12/28/2016	280900	25500	2.23	1.93	1.98	0.25	8.64	8.31	0.33	0.13	0.05
12/29/2016	271200	21000	2.14	1.85	2.18	-0.04	8.37	8.00	0.37	0.00	0.04
12/30/2016	251700	18900	2.20	1.93	2.18	0.02	8.59	8.24	0.35	0.07	0.01
12/31/2016	292500	21000	2.27	1.96	1.95	0.32	8.35	7.92	0.43	0.01	0.08
Total	8968800	881100	74.42	64.57	73.00	1.43	279.87	267.49	12.38	7.20	4.49
Min	214600	15000	1.81	1.53	1.86	-0.72	8.20	7.70	0.19	0.00	0.00
Max	419400	45400	3.34	2.88	3.95	0.83	11.39	11.04	0.52	1.40	1.03
Average	289316	28423	2.40	2.08	2.35	0.05	9.03	8.63	0.40	0.23	0.14

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APPENDIX D

ERU AND SEWER LINE DATA



**CLARK REGIONAL WASTEWATER DISTRICT
SALMON CREEK TREATMENT PLANT
SEWER CONNECTION REPORT**

Year: Jan 2016 - Dec 2016

Month	New Residential	Total Residential	Multi Family/ Guesthomes (* .8)	Total Res/ Multi-Family	New Commercial	Total Commercial	Grand Total ERU's	Line Construction		Total Line Construction	Total Miles	Year to Date	
								Developer	District			ERU'S	SCTP - All
Balance Forward		22266.0		5485.4		4048.6	31800.0			1923481	364.3	Res	1,149.0
Jan	68.0	22334.0	0.0	5485.4	1.0 ♦	4049.6	31869.0	52	1450	1924983	364.6	Multi-Family	88.0
Feb	53.0	22387.0	0.0	5485.4	0.0	4049.6	31922.0	11950	0	1936933	366.8	Comm	40.8
Mar	81.0	22468.0	0.0	5485.4	1.0 ♦	4050.6	32004.0	1960	0	1938893	367.2	Total	1,277.8
Apr	41.0	22509.0	0.0	5485.4	0.0	4050.6	32045.0	11092	0	1949985	369.3	VTP	
May	71.0	22580.0	87.2 ♦	5572.6	0.0	4050.6	32203.2	9616	0	1959601	371.1	Res	21.0
Jun	130.0	22710.0	0.0	5572.6	10.6 ♦	4061.2	32343.8	13771	0	1973372	373.7	Multi-Family	-
Jul	79.0	22789.0	0.0	5572.6	0.0	4061.2	32422.8	0	0	1973372	373.7	Comm	-
Aug	88.0	22877.0	0.0	5572.6	1.0 ♦	4062.2	32511.8	13390	5639	1992401	377.3	Total	21.0
Sep	67.0	22944.0	0.0	5572.6	8.7 ♦	4070.9	32587.5	3185	704	1996290	378.1	RTP	
Oct	87.0	23031.0	0.0	5572.6	1.6 ♦	4072.5	32676.1	1608	0	1997898	378.4	Res	115.0
Nov	93.0	23124.0	0.0	5572.6	0.8 ♦	4073.3	32769.9	7905	0	2005803	379.9	Multi-Family	-
Dec	73.0	23197.0	0.0	5572.6	4.0 ♦	4077.3	32846.9	10202	0	2016005	381.8	Comm	4.3
Subtotals	931.0		87.2		28.7			84731	7793			Total	119.3
Total ERU's		23197.0		5572.6		4077.3	32846.9			2016005	381.8	Permits	
												SCTP	963
												VTP	311
												RTP	21
												Total	1295

♦ See reverse for explanation

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	January		May		September	
SCTP	Union Prairie Business Park Bldg 2 11915 NE 113th St Ste 132		SCTP	Pioneer Vista Apartments 16501 NE 15th Ave	SCTP	Padden Employment Center 9000 NE 64th Ave
	◆ Rocket Delivery 0.3		◆ Office 1.0		◆ Seton Catholic High School <u>8.7</u>	
SCTP	SCBP Westland North Bldg E 14407 NE 13th St Ste 112		◆ Pool 0.5		8.7	
	◆ Performance Air 0.2		◆ Apartment Bldg A 10.4	SCTP	October	
	◆ Image Broadband 0.3		◆ Apartment Bldg B 19.2	SCTP	Bowyers Marketplace Retail D 11500 NE 119th St	
	◆ Enivrolux Energy Systems <u>0.2</u>		◆ Apartment Bldg C 19.2		◆ Clear Choice Chiropractic 0.1	
	1.0		◆ Apartment Bldg D 19.2	SCTP	Central Industrial Park Bldg 6000 NE 88th St	
		SCTP	◆ Apartment Bldg E <u>19.2</u>		◆ Prairie Electric <u>1.5</u>	
			88.7	SCTP R	South 11th Street 5525 S 11th St	
	February		SCTP	SCBP Westland North Bldg E 14407 NE 13th St Ste 106	◆ WA Dept of Fish & Wildlife 10.6	
SCTP	Felida Village Building 1 3600 NW 119th St Ste 201		◆ Silke 0.2		SCTP R	Union Ridge Lot 6 7555 S Union Parkway
	◆ Backstairs 0.6	SCTP	Community Home Health Hospice 3102 NE 136th St		◆ Self Storage <u>1.0</u>	
	◆ Apartment 0.8		◆ Care Center <u>1.4</u>		11.6	
SCTP	Union Prairie Business Park Bldg 2 11915 NE 113th St Ste 108		◆ Annual Review <u>1.6</u>		November	
	◆ Intermountain West Insulation 0.4	SCTP	June	SCTP	Ferenco Building 14018 NW 3rd Ct	
	◆ Heritage Enterprises <u>0.2</u>		Felida Village Building 2 3602 NW 119th St Ste 100		◆ Appliance Refrigeration & Hospital <u>0.8</u>	
	2.0		◆ Pines Coffee 1.0		0.8	
		SCTP	nLight Photonics 5408 NE 88th St Bldg E	SCTP	December	
	March		◆ Annual Review <u>9.6</u>	SCTP	Wubben Industrial Park 6601 NE 112th Ct Ste 1	
SCTP	Felida Village Building 2 3602 NW 119th St Ste 101		10.6		◆ General Glass <u>4.0</u>	
	◆ Studio V <u>1.0</u>	SCTP	August		4.0	
	1.0		ULID 14 9811 NE 15th Ave Ste 101			
			◆ Crossfit Untamed <u>1.0</u>			
			1.0			

**CLARK REGIONAL WASTEWATER DISTRICT
MEADOWGLADE AREA
SALMON CREEK TREATMENT PLANT
SEWER CONNECTION REPORT**

Year: Jan 2016 - Dec 2016

Month	New Residential ERU's	Total Residential	Multi Family/ Guesthomes (* .8)	Total Res/ Multi-Family	New Commercial	Total Commercial	Grand Total ERU's	Line Construction		Total Line Construction	Total Miles
								Developer	District		
Balance Forward		705.0		1.6		108.1	814.7			26980	5.1
Jan	0.0	705.0	0.0	1.6	0.0	108.1	814.7	0	0	26980	5.1
Feb	1.0	706.0	0.8	2.4	0.0	108.1	816.5	0	0	26980	5.1
Mar	2.0	708.0	0.0	2.4	0.5 ♦	108.6	819.0	0	0	26980	5.1
Apr	0.0	708.0	0.0	2.4	0.0	108.6	819.0	0	0	26980	5.1
May	4.0	712.0	0.0	2.4	0.0	108.6	823.0	1350	0	28330	5.4
Jun	0.0	712.0	0.0	2.4	0.0	108.6	823.0	0	0	28330	5.4
Jul	3.0	715.0	0.0	2.4	0.0	108.6	826.0	0	0	28330	5.4
Aug	3.0	718.0	0.0	2.4	0.0	108.6	829.0	181	0	28511	5.4
Sep	0.0	718.0	0.0	2.4	0.0	108.6	829.0	0	0	28511	5.4
Oct	1.0	719.0	0.0	2.4	0.0	108.6	830.0	0	0	28511	5.4
Nov	0.0	719.0	0.0	2.4	0.0	108.6	830.0	0	0	28511	5.4
Dec	1.0	720.0	0.0	2.4	0.0	108.6	831.0	0	0	28511	5.4
Subtotals	15.0		0.8		0.5			1531	0		
Total ERU's		720.0		2.4		108.6	831.0			28511	5.4

♦ See reverse for explanation

February

SCTP MG	Hardship mobile home conversion	
	18205 NE 110th Ave	
	◆ Guesthome	0.8
		<hr/> <hr/>
		0.8

March

SCTP MG	Columbia Adventist Academy	
	19300 NE 112th Ave Ste 102	
	◆ Alpha Impressions	0.5
		<hr/>
		0.5



**CLARK REGIONAL WASTEWATER DISTRICT
HOCKINSON AREA
SALMON CREEK TREATMENT PLANT
SEWER CONNECTION REPORT**

Year: Jan 2016 - Dec 2016

Month	New Residential	Total Residential	Multi Family/ Guesthomes (*.8)	Total Res/ Multi-Family	New Commercial	Total Commercial	Grand Total ERU's	Line Construction		Total Line Construction	Total Miles
	ERU's							Developer	District		
Balance Forward		56.0		0.0		133.6	189.6			5746	1.1
Jan	0.0	56.0	0.0	0.0	0.0	133.6	189.6	0	0	5746	1.1
Feb	1.0	57.0	0.0	0.0	0.0	133.6	190.6	0	0	5746	1.1
Mar	2.0	59.0	0.0	0.0	0.0	133.6	192.6	0	0	5746	1.1
Apr	1.0	60.0	0.0	0.0	0.0	133.6	193.6	0	0	5746	1.1
May	1.0	61.0	0.0	0.0	0.0	133.6	194.6	0	0	5746	1.1
Jun	1.0	62.0	0.0	0.0	0.0	133.6	195.6	0	0	5746	1.1
Jul	1.0	63.0	0.0	0.0	0.0	133.6	196.6	821	0	6567	1.2
Aug	0.0	63.0	0.0	0.0	0.0	133.6	196.6	0	0	6567	1.2
Sep	0.0	63.0	0.0	0.0	0.0	133.6	196.6	0	0	6567	1.2
Oct	0.0	63.0	0.0	0.0	0.0	133.6	196.6	0	0	6567	1.2
Nov	2.0	65.0	0.0	0.0	0.0	133.6	198.6	0	0	6567	1.2
Dec	0.0	65.0	0.0	0.0	0.0	133.6	198.6	0	0	6567	1.2
Subtotals	9.0		0.0		0.0			821	0		
Total ERU's		65.0		0.0		133.6	198.6			6567	1.2

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**CLARK REGIONAL WASTEWATER DISTRICT
RIDGEFIELD AREA
SALMON CREEK TREATMENT PLANT
SEWER CONNECTION REPORT**

Year: Jan 2016 - Dec 2016

Month	New Residential ERU's	Total Residential	Multi Family/ Guesthomes (*8)	Total Res/ Multi-Family	New Commercial	Total Commercial	Grand Total ERU's	Line Construction Developer	Line Construction District	Total Line Construction	Total Miles
Balance Forward		220.0		0.0		141.8	361.8			60643	11.5
Jan	19.0	239.0	0.0	0.0	0.0	141.8	380.8	0	0	60643	11.5
Feb	17.0	256.0	0.0	0.0	0.0	141.8	397.8	0	0	60643	11.5
Mar	34.0	290.0	0.0	0.0	0.0	141.8	431.8	7788	0	68431	13.0
Apr	18.0	308.0	0.0	0.0	0.0	141.8	449.8	0	0	68431	13.0
May	12.0	320.0	0.0	0.0	0.0	141.8	461.8	0	0	68431	13.0
Jun	24.0	344.0	0.0	0.0	0.0	141.8	485.8	0	0	68431	13.0
Jul	11.0	355.0	0.0	0.0	0.0	141.8	496.8	0	0	68431	13.0
Aug	28.0	383.0	0.0	0.0	0.0	141.8	524.8	0	0	68431	13.0
Sep	4.0	387.0	0.0	0.0	0.0	141.8	528.8	0	0	68431	13.0
Oct	3.0	390.0	0.0	0.0	11.6 ♦	153.4	543.4	0	0	68431	13.0
Nov	13.0	403.0	0.0	0.0	0.0	153.4	556.4	0	0	68431	13.0
Dec	11.0	414.0	0.0	0.0	0.0	153.4	567.4	2925	0	71356	13.5
Subtotals	194.0		0.0		11.6			10713	0		
Total ERU's		414.0		0.0		153.4	567.4			71356	13.5

♦ See next page for explanation

January

SCTP R

Carolees

888 S Hillhurst Rd

◆ Advanced Recovery

4.3

4.3

