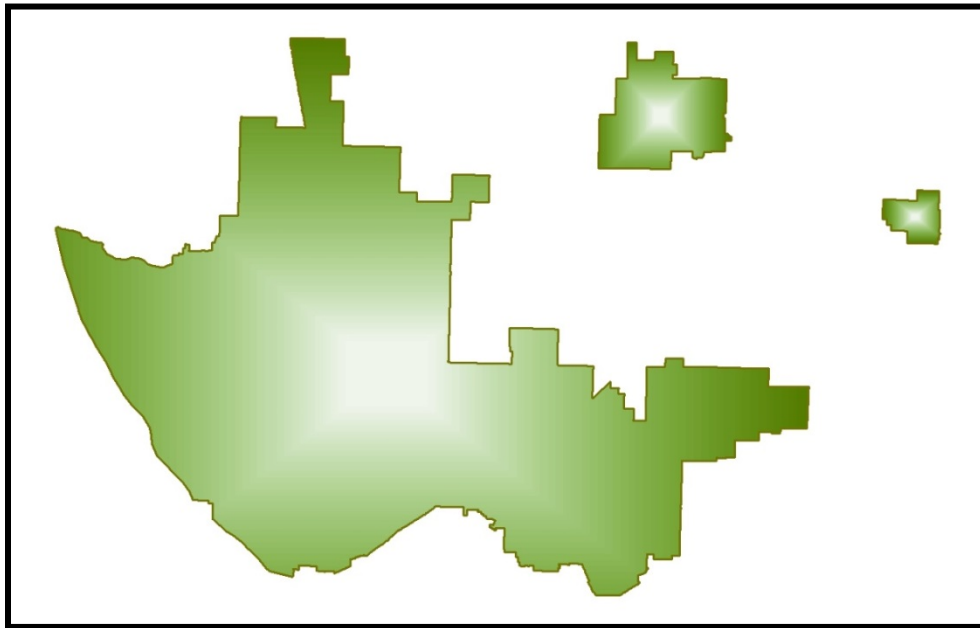


2014

Clark Regional
Wastewater District

**Infiltration and Inflow Report
For
Salmon Creek Treatment Plant**



February 5, 2015

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



TABLE OF CONTENTS

2014

Clark Regional Wastewater District
INFILTRATION AND INFLOW REPORT

Overview 1
Monitoring Program and Rehabilitation Projects 3

Appendix

Appendix A - Annual Infiltration/Inflow (I/I) Report (DOE form)

Appendix B - Flow Analysis Data

Appendix C - Monthly Flow and Rainfall

Appendix D - ERU and Sewer Line Data

2014 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 (publication 97-03).

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 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 73 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 100 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 Equivalent Residential Units (ERU's) 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 ERU's in addition to residents of the area. At the beginning of 2014 the District had approximately 31,000 ERU's with a population equivalent of roughly 75,500 in the Salmon Creek tributary area.

Flow data during 2014 includes only one anomaly on November 23, 2014. It is related to the Meadow Glade inflow at the Battle Ground head works. The reported flow of 9,000 gpd was revised to 200,000 gpd, which represents a more typical flow.

As shown on the attached Annual Infiltration/Inflow Report, the District's 2014 I/I of 1.50 MGD represents a 36% increase compared to the number of MGD for the 2003 base year.

To better understand I/I trends in the system, the District reviews the average monthly flows and rainfall between January 1997 and December 2014. Table 1

shows that prior to 2013 the lowest I/I year on record was 2003. The District's I/I averaged 1.45 over the past 17 years. Based on the historical performance and excessive inflow and infiltration calculations, the 2014 I/I of 1.50 does not lead us to believe that the system is experiencing higher than normal I/I.

TABLE 1

1997-2014 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	5.34	6.84	1.50	32.17
Average	-	-	1.45	36.55

Monitoring Program and Rehabilitation Projects

Introction

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.

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 percent 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 50 pump stations as well as our four motor operated valves (MOV's). Daily and annual reviews 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 deployed and collected flow data from 15 FloDar ultrasonic flow meters during both wet and dry weather flows. Dry weather data was collected during the summer months and wet weather data is currently being collected. The District will re-deploy the meters into particular sub-basins suspected of experiencing the greatest amount of I/I. This data will inform more robust efforts to eliminate I/I in the District's system in the future.

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 Districts 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 that can and do reduce I/I in the system. The District completed manhole grouting at fourteen (14) locations in 2014, which stopped an estimated 25 gallons per minute of I/I, or 36,000 gallons per day. Also in 2014, the District restored 1,800 feet of 36-inch and 15-inch trunk sewers with demonstrated I/I: St. Johns and Cougar Canyon.

APPENDIX A

ANNUAL INFILTRATION/INFLOW (I/I) REPORT

The following tables and guidelines have been developed to assist in preparing an Annual Infiltration/Inflow Report:
Please provide data for the last three years and fill yellow shaded areas.

Salmon Creek Wastewater Treatment Plant

ANNUAL INFILTRATION/INFLOW (I/I) REPORT

Reporting Year: From: 2012 To: 2014

Max month design flow: 11.48 MGD (District allocation beginning in 2009)
Peak daily design flow: 15.31 MGD
Design Population Equivalent: 86,989

Month	Average Monthly Flow (MGD)			Total Monthly Rainfall (inches)			Population Served			Additional Sewer Lines Added (feet)			
	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year		
January	6.95	6.39	5.77	5.51	2.63	2.54	72871	73986	75504	399	873	9975	
February	5.82	5.99	6.63	3.45	1.36	3.70	73033	74089	75567	1849	8107	0	
March	6.66	5.74	6.84	6.17	1.43	5.78	73253	74172	75715	1850	6668	14747	
April	6.39	5.78	6.27	2.24	2.19	2.49	73309	74319	76049	4434	1312	9661	
May	5.98	5.81	5.91	2.06	2.94	2.28	73392	74410	76286	739	0	13276	
June	5.85	5.68	5.68	2.54	1.41	2.34	73497	74512	76510	820	1537	4499	
July	5.47	5.39	5.45	0.21	0.01	0.57	73563	74646	76626	25	4020	1082	
August	5.27	5.32	5.35	0.00	0.39	0.03	73647	74799	76689	775	2333	1926	
September	5.19	5.65	5.34	0.07	4.25	1.03	73696	74967	76793	2510	0	1104	
October	5.45	5.43	5.55	5.61	0.93	5.14	73789	75135	77022	2050	879	5985	
November	6.21	5.62	5.90	6.87	2.04	2.39	73837	75278	77111	15	6890	6199	
December	7.19	5.77	6.36	6.92	1.61	3.88	73854	75364	77219	2385	2833	3103	
TOTAL	72.43	68.56	71.04	41.65	21.19	32.17				Total (feet)	17851	35452	71557
Low	5.19	5.32	5.34							Total (miles)	3.38	6.71	13.55
High	7.19	6.39	6.84										
Average	6.04	5.71	5.92										
I/I	2.00	1.07	1.50										

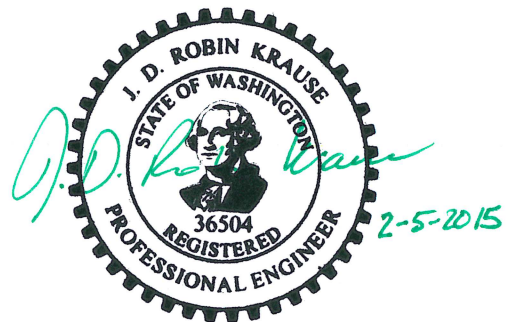
Base Year: 2003

Base Year I/I: 1.1 MGD

INFILTRATION/INFLOW SUMMARY

Year	I/I	% increase from base I/I	% of max mo. design flow
2012	2.00	82	17
2013	1.07	-3	9
2014	1.50	36	13

Comments: See report.



J. D. Robin Krause
 J. D. Robin Krause, PE
 District Engineer

APPENDIX B

FLOW ANALYSIS DATA

Salmon Creek Wastewater Management System - Clark Regional Wastewater District

ANNUAL INFILTRATION/INFLOW REPORT 1/1/2014 to 12/31/2014

FLOW AND PRECIPITATION DATA

2013 POPULATION AND SEWER LINE DATA

MONTH	Average Monthly Flow (MGD)						Total Monthly Precipitation (Inches)					
	Year						Year					
	2009	2010	2011	2012	2013	2014	2009	2010	2011	2012	2013	2014
January	6.39	6.48	6.76	6.28	6.39	5.77	4.96	6.29	4.19	5.51	2.63	2.54
February	5.45	6.08	6.11	5.82	5.99	6.63	1.40	3.72	3.81	3.45	1.36	3.70
March	5.57	5.87	6.99	6.66	5.74	6.84	2.95	2.20	5.02	6.17	1.43	5.78
April	5.64	5.91	6.55	6.39	5.78	6.27	2.42	2.37	3.55	2.24	2.19	2.49
May	5.73	5.79	6.10	5.98	5.81	5.91	3.39	3.66	1.96	2.06	2.94	2.28
June	5.38	6.34	5.80	5.85	5.68	5.68	1.07	4.35	0.50	2.54	1.41	2.34
July	5.14	5.36	5.42	5.47	5.39	5.45	0.43	0.15	0.92	0.21	0.01	0.57
August	5.11	5.24	5.23	5.27	5.32	5.35	0.38	0.21	0.01	0.00	0.39	0.03
September	5.13	5.35	5.11	5.19	5.65	5.34	1.44	1.81	0.33	0.07	4.25	1.03
October	5.19	5.45	5.20	5.45	5.43	5.55	2.89	3.31	1.95	5.61	0.93	5.14
November	5.73	6.32	5.59	6.32	5.62	5.90	5.73	5.97	6.59	6.87	2.04	2.39
December	5.88	7.00	5.05	7.19	5.77	6.36	4.87	8.03	1.94	6.92	1.61	3.88
Avg Flow / Total Rain	5.53	5.93	5.83	5.99	5.71	5.92	31.93	42.07	30.77	41.65	21.19	32.17
Low Month	5.11	5.24	5.05	5.19	5.32	5.34	0.38	0.15	0.01	0.00	0.01	0.03
High Month	6.39	7.00	6.99	7.19	6.39	6.84	5.73	8.03	6.59	6.92	4.25	5.78

MONTH	Population Served (Population Equivalent)	Sewer Lines Added (Feet)
	Year	Year
	2014	2014
January	75504	9975
February	75567	0
March	75715	14747
April	76049	9661
May	76286	13276
June	76510	4499
July	76626	1082
August	76689	1926
September	76793	1104
October	77022	5985
November	77111	6199
December	77219	3103
Present Equivalent	77219	Total (feet) 71557
		Total (miles) 13.55

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

1/1/2014 to 12/31/2014

DETERMINATION OF NON EXCESSIVE INFILTRATION

EPA Infiltration Criteria 120 gpcd

District Infiltration 73 gpcd

Period	Flow	Rain	Population Equivalent
Jan 21	5.48	0.00	75504
Jan 22	5.43	0.00	75504
Jan 23	5.43	0.00	75504
Jan 24	5.34	0.00	75504
Jan 25	5.54	0.00	75504
Jan 26	5.73	0.00	75504
Jan 27	5.75	0.00	75504
Average Flow (MGD)	5.53	0.00	Inches Rain

Comments: The seven day period of January 21 through January 27, 2014 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 100 gpcd

Period	Flow	Rain	Population Equivalent
Mar 05	7.61	1.16	75715
Mar 06	7.74	0.18	75715
Mar 07	6.83	0.00	75715
Mar 08	7.07	0.31	75715
Mar 09	7.59	0.28	75715
Mar 10	8.69	0.11	75715
Mar 11	7.45	0.00	75715
Average Flow (MGD)	7.57	2.04	Inches Rain

Comments: The seven day period of March 5 through March 11, 2014 was identified as a period of significant rainfall with surface ponding and runoff.

Salmon Creek Wastewater Management System - Clark Regional Wastewater District

ANNUAL INFILTRATION/INFLOW REPORT

1/1/2014 to 12/31/2014

INFILTRATION/INFLOW SUMMARY

Year	I/I	% Over Base I/I	% of Max Design Flow
2009	1.28	16.4%	12.4%
2010	1.75	59.4%	15.3%
2011	1.95	76.9%	16.9%
2012	2.00	81.7%	17.4%
2013	1.07	-2.6%	9.3%
2014	1.50	36.3%	13.1%

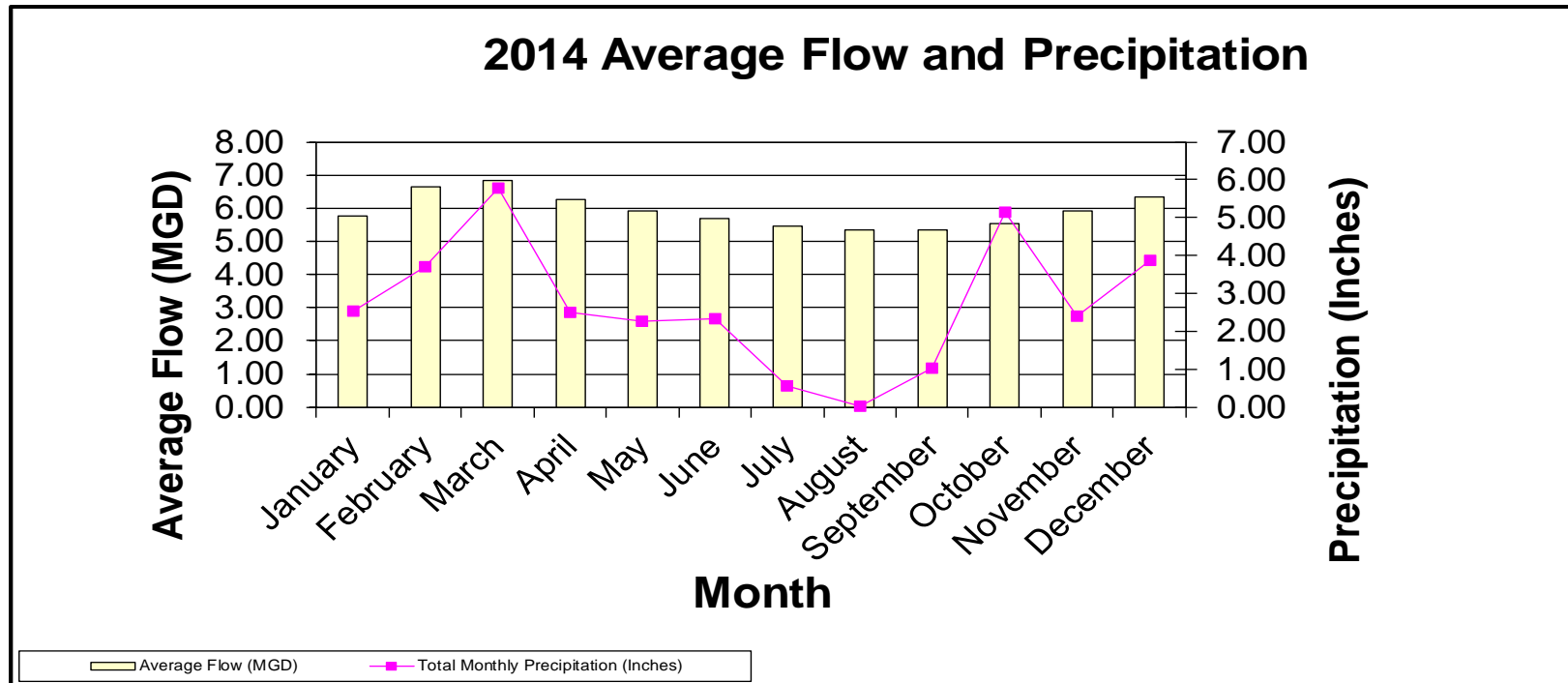
Base Year: 2003

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
1/1/2014	212100	10200	1.48	1.26	1.48	0.00	6.65	6.38	0.27	0.02	0.00
1/2/2014	193600	11800	1.59	1.39	1.52	0.07	6.72	6.46	0.26	0.01	0.12
1/3/2014	187100	14200	1.71	1.51	1.60	0.11	6.85	6.56	0.29	0.27	0.04
1/4/2014	197800	11100	1.58	1.37	1.56	0.02	6.91	6.52	0.38	0.03	0.00
1/5/2014	216600	12900	1.53	1.30	1.56	-0.02	7.10	6.74	0.36	0.00	0.00
1/6/2014	199400	20600	1.56	1.34	1.25	0.31	6.82	6.53	0.29	0.00	0.01
1/7/2014	208100	27600	1.78	1.55	1.65	0.14	6.95	6.72	0.23	0.07	0.38
1/8/2014	258400	33100	2.45	2.16	2.12	0.33	7.73	7.54	0.19	0.59	0.26
1/9/2014	250900	37200	2.50	2.21	2.51	-0.01	8.40	8.19	0.22	0.69	0.12
1/10/2014	216300	31100	2.36	2.11	2.31	0.04	8.02	7.89	0.14	0.37	0.01
1/11/2014	276600	27900	2.65	2.35	2.48	0.17	8.68	8.45	0.23	0.27	0.76
1/12/2014	292800	32800	2.69	2.36	2.80	-0.11	9.36	9.07	0.29	0.73	0.17
1/13/2014	230200	27300	2.28	2.03	1.80	0.49	8.34	8.14	0.20	0.18	0.00
1/14/2014	216600	29900	2.06	1.81	2.07	-0.01	7.75	7.51	0.24	0.01	0.00
1/15/2014	223200	25900	1.93	1.68	1.90	0.03	7.39	7.13	0.26	0.02	0.00
1/16/2014	194900	27600	1.97	1.75	1.87	0.10	7.32	7.08	0.24	0.02	0.00
1/17/2014	186400	23700	1.59	1.38	1.76	-0.17	7.11	6.85	0.26	0.02	0.00
1/18/2014	204000	15100	1.74	1.52	1.73	0.01	7.25	6.95	0.30	0.02	0.00
1/19/2014	211300	12900	1.70	1.48	1.63	0.07	7.15	6.85	0.30	0.01	0.00
1/20/2014	231900	11400	1.73	1.48	1.40	0.33	7.23	6.94	0.29	0.00	0.00
1/21/2014	183600	24700	1.70	1.50	1.59	0.12	6.86	6.58	0.28	0.00	0.00
1/22/2014	200200	21800	1.44	1.21	1.50	-0.07	6.71	6.46	0.25	0.02	0.00
1/23/2014	197600	17700	1.53	1.31	1.54	-0.01	6.75	6.47	0.28	0.00	0.00
1/24/2014	186400	21400	1.63	1.42	1.48	0.15	6.61	6.34	0.28	0.00	0.00
1/25/2014	190600	11200	1.51	1.31	1.52	-0.01	6.86	6.55	0.31	0.00	0.00
1/26/2014	208800	12000	1.44	1.22	1.51	-0.07	7.02	6.69	0.33	0.00	0.00
1/27/2014	191000	22300	1.50	1.29	1.21	0.29	6.74	6.46	0.28	0.00	0.00
1/28/2014	203500	27700	1.76	1.53	1.56	0.20	6.72	6.49	0.23	0.04	0.31
1/29/2014	236700	31900	2.15	1.89	2.08	0.08	7.65	7.44	0.21	0.88	0.26
1/30/2014	238700	29600	2.17	1.90	2.16	0.00	7.66	6.69	0.97	0.44	0.08
1/31/2014	230700	36300	2.38	2.11	2.21	0.17	7.61	7.36	0.25	0.33	0.02
Total	6676000	700900	58.11	50.73	55.35	2.77	226.92	218.03	8.89	5.04	2.54
Min	183600	10200	1.44	1.21	1.21	-0.17	6.61	6.34	0.14	0.00	0.00
Max	292800	37200	2.69	2.36	2.80	0.49	9.36	9.07	0.97	0.88	0.76
Average	215355	22610	1.87	1.64	1.79	0.09	7.32	7.03	0.29	0.16	0.08

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
2/1/2014	240900	20800	2.18	1.92	2.18	0.00	7.79	7.49	0.30	0.28	0.00
2/2/2014	245900	20600	2.06	1.79	2.00	0.06	7.71	7.35	0.36	0.01	0.00
2/3/2014	215600	22900	1.65	1.41	1.51	0.14	7.28	6.95	0.33	0.07	0.03
2/4/2014	205500	27800	1.76	1.53	1.79	-0.02	7.10	6.76	0.34	0.00	0.00
2/5/2014	203100	24700	1.72	1.49	1.67	0.05	6.94	6.55	0.39	0.00	0.00
2/6/2014	195300	17100	1.60	1.39	1.65	-0.05	6.90	6.51	0.39	0.00	0.00
2/7/2014	189900	12700	1.67	1.47	1.65	0.03	7.05	6.66	0.39	0.36	0.00
2/8/2014	202600	14700	1.52	1.30	1.54	-0.02	6.97	6.63	0.34	0.07	0.00
2/9/2014	275300	11700	1.53	1.25	1.51	0.03	7.06	6.74	0.32	0.25	0.12
2/10/2014	185000	23500	2.06	1.85	1.55	0.51	7.38	7.09	0.29	0.01	0.00
2/11/2014	282000	48400	2.77	2.44	2.50	0.27	9.00	8.73	0.27	0.21	0.38
2/12/2014	262100	47900	2.65	2.34	2.77	-0.12	9.75	9.58	0.17	0.73	0.05
2/13/2014	228200	38200	2.66	2.39	2.35	0.30	8.47	8.31	0.16	0.15	0.18
2/14/2014	251200	30100	2.36	2.08	2.55	-0.18	9.03	8.83	0.20	0.46	0.37
2/15/2014	266900	36400	2.74	2.43	2.76	-0.03	9.62	9.29	0.33	0.03	0.05
2/16/2014	337200	39500	3.33	2.96	0.15	3.19	9.59	9.32	0.27	0.92	0.07
2/17/2014	269500	35800	3.20	2.89	3.06	0.14	12.02	10.90	1.12	1.30	1.12
2/18/2014	260000	57800	3.77	3.45	2.07	1.70	11.16	10.83	0.33	0.29	0.65
2/19/2014	218000	39300	2.69	2.43	3.01	-0.33	10.16	9.87	0.29	1.00	0.11
2/20/2014	208700	41100	2.92	2.67	2.90	0.02	9.60	9.33	0.27	0.33	0.12
2/21/2014	156800	33200	2.44	2.25	2.59	-0.14	9.01	8.78	0.23	0.27	0.00
2/22/2014	190400	20800	2.39	2.18	2.31	0.08	8.68	8.35	0.33	0.02	0.00
2/23/2014	184200	19600	2.21	2.00	2.13	0.08	8.45	8.18	0.27	0.00	0.01
2/24/2014	187100	29000	2.04	1.82	1.75	0.28	8.32	8.12	0.20	0.11	0.17
2/25/2014	171000	28200	2.08	1.88	2.09	-0.02	8.10	7.91	0.19	0.25	0.00
2/26/2014	168800	26100	2.01	1.81	1.93	0.08	7.77	7.54	0.23	0.00	0.00
2/27/2014	178800	31500	1.99	1.78	2.00	-0.01	7.86	7.64	0.22	0.00	0.17
2/28/2014	130700	25500	1.82	1.66	1.94	-0.12	7.69	7.52	0.17	0.34	0.10
Total	6110700	824900	63.80	56.86	57.89	5.90	236.46	227.76	8.70	7.46	3.70
Min	130700	11700	1.52	1.25	0.15	-0.33	6.90	6.51	0.16	0.00	0.00
Max	337200	57800	3.77	3.45	3.06	3.19	12.02	10.90	1.12	1.30	1.12
Average	218239	29461	2.28	2.03	2.07	0.21	8.45	8.13	0.31	0.27	0.13

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
3/1/2014	170300	15100	1.87	1.69	1.87	0.00	7.74	7.43	0.31	0.00	0.04
3/2/2014	257500	28700	2.51	2.22	2.11	0.40	8.43	8.15	0.28	0.05	0.43
3/3/2014	204900	33400	2.50	2.26	1.98	0.52	9.00	8.84	0.16	0.87	0.24
3/4/2014	207900	39800	2.66	2.42	2.20	0.47	8.27	8.11	0.16	0.11	0.01
3/5/2014	255100	44200	2.95	2.65	3.04	-0.09	10.35	10.10	0.25	0.52	1.16
3/6/2014	217600	37100	2.91	2.66	3.03	-0.11	10.51	10.28	0.23	0.95	0.18
3/7/2014	179400	30600	2.64	2.43	2.52	0.12	9.14	8.90	0.24	0.23	0.00
3/8/2014	209500	28800	2.77	2.53	2.59	0.18	9.42	9.13	0.29	0.00	0.31
3/9/2014	229600	27600	2.68	2.43	3.02	-0.33	10.35	10.05	0.30	1.06	0.28
3/10/2014	191100	32700	2.45	2.22	1.89	0.56	10.36	10.06	0.30	0.08	0.11
3/11/2014	178900	31800	2.18	1.97	2.22	-0.04	9.46	9.21	0.25	0.10	0.00
3/12/2014	174800	27600	2.05	1.84	2.03	0.01	8.70	8.44	0.26	0.00	0.00
3/13/2014	177300	29100	2.02	1.82	1.96	0.06	8.32	8.07	0.25	0.00	0.01
3/14/2014	161000	29100	2.12	1.93	2.08	0.04	8.23	8.08	0.15	0.37	0.17
3/15/2014	179100	15700	1.93	1.74	1.92	0.02	8.24	8.08	0.16	0.02	0.00
3/16/2014	234800	26500	2.36	2.10	2.19	0.17	8.56	8.31	0.25	0.00	0.71
3/17/2014	202800	33300	2.41	2.17	1.85	0.56	9.28	9.05	0.23	0.93	0.02
3/18/2014	168400	26700	2.10	1.90	2.14	-0.04	8.33	8.13	0.20	0.03	0.00
3/19/2014	207600	30200	2.06	1.82	2.00	0.07	7.99	8.11	-0.12	0.00	0.01
3/20/2014	184700	26400	1.92	1.71	1.92	0.00	7.84	7.76	0.08	0.14	0.00
3/21/2014	162300	24700	1.82	1.63	1.82	0.00	7.64	7.45	0.19	0.02	0.00
3/22/2014	186900	13700	1.74	1.54	1.78	-0.03	7.66	7.36	0.30	0.00	0.00
3/23/2014	250400	18900	2.10	1.83	1.70	0.40	7.76	7.45	0.31	0.00	0.00
3/24/2014	177800	18200	1.39	1.20	1.34	0.06	7.38	7.23	0.15	0.00	0.00
3/25/2014	197000	24900	1.75	1.53	1.73	0.02	7.46	7.33	0.13	0.13	0.26
3/26/2014	234100	31600	2.18	1.92	1.93	0.26	7.83	7.64	0.19	0.21	0.30
3/27/2014	243700	33000	2.42	2.14	2.42	0.00	8.83	8.64	0.19	0.85	0.13
3/28/2014	249300	48600	3.01	2.71	2.83	0.17	9.68	9.62	0.06	0.41	0.92
3/29/2014	287300	32700	3.06	2.74	3.03	0.03	10.46	10.18	0.28	0.59	0.42
3/30/2014	254500	24000	2.47	2.19	2.59	-0.12	9.86	9.51	0.35	0.70	0.04
3/31/2014	266100	28200	2.33	2.04	1.74	0.60	8.86	8.60	0.26	0.01	0.03
Total	6501700	892900	71.36	63.97	67.45	3.92	271.94	265.30	6.64	8.38	5.78
Min	161000	13700	1.39	1.20	1.34	-0.33	7.38	7.23	-0.12	0.00	0.00
Max	287300	48600	3.06	2.74	3.04	0.60	10.51	10.28	0.35	1.06	1.16
Average	209732	28803	2.30	2.06	2.18	0.13	8.77	8.56	0.21	0.27	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
4/1/2014	230800	30300	2.3457	2.0846	2.375	-0.0293	9.22	9.05	0.17	0.3	0.16
4/2/2014	252000	31600	2.3144	2.0308	2.131	0.1834	8.63	8.42	0.21	0.18	0
4/3/2014	213200	23200	1.9432	1.7068	2.074	-0.1308	8.27	8.06	0.21	0	0.03
4/4/2014	201000	26100	2.1744	1.9473	2.036	0.1384	8.14	7.98	0.16	0.25	0
4/5/2014	231500	18500	2.1748	1.9248	2.103	0.0718	8.19	8.02	0.17	0.14	0.14
4/6/2014	224300	19000	2.0465	1.8032	2.012	0.0345	8.11	7.98	0.13	0.29	0
4/7/2014	212800	12500	1.7286	1.5033	1.497	0.2316	7.7	7.52	0.18	0.01	0
4/8/2014	211200	16900	1.8772	1.6491	1.83	0.0472	7.45	7.31	0.14	0	0.37
4/9/2014	205500	15700	1.8487	1.6275	1.881	-0.0323	7.7	7.56	0.14	0.34	0.01
4/10/2014	196600	16600	1.7947	1.5815	1.8	-0.0053	7.42	7.24	0.18	0	0
4/11/2014	172600	12800	1.7899	1.6045	1.737	0.0529	7.31	7.14	0.17	0	0
4/12/2014	198900	12900	1.7105	1.4987	1.704	0.0065	7.41	7.22	0.19	0	0
4/13/2014	217000	16800	1.777	1.5432	1.666	0.111	7.59	7.36	0.23	0	0
4/14/2014	193300	17800	1.488	1.2769	1.291	0.197	7.38	7.16	0.22	0	0
4/15/2014	186600	20300	1.5796	1.3727	1.583	-0.0034	7.1	6.92	0.18	0	0
4/16/2014	189400	21600	1.6037	1.3927	1.545	0.0587	7.06	6.95	0.11	0.05	0.01
4/17/2014	204400	31800	1.9194	1.6832	1.879	0.0404	7.79	7.69	0.1	0.32	0.31
4/18/2014	182400	21000	1.7868	1.5834	1.76	0.0268	7.48	7.3	0.18	0.41	0
4/19/2014	207900	14600	1.7636	1.5411	1.749	0.0146	7.64	7.46	0.18	0	0.07
4/20/2014	210500	14100	1.6756	1.451	1.662	0.0136	7.63	7.44	0.19	0.17	0
4/21/2014	234200	25500	1.7701	1.5104	1.37	0.4001	7.45	7.29	0.16	0	0.08
4/22/2014	216400	31800	1.8697	1.6215	1.836	0.0337	7.81	7.7	0.11	0.39	0.24
4/23/2014	256200	42300	2.3434	2.0449	2.146	0.1974	8.22	8.12	0.1	0.43	0.29
4/24/2014	253500	38900	2.6832	2.3908	2.681	0.0022	9.19	9.05	0.14	0.87	0.41
4/25/2014	187500	29700	2.1967	1.9795	2.286	-0.0893	8.52	8.31	0.21	0.23	0
4/26/2014	241100	19700	2.2448	1.984	2.151	0.0938	8.3	8.08	0.22	0.17	0.19
4/27/2014	294700	22100	2.3862	2.0694	2.324	0.0622	8.91	8.71	0.2	0.51	0.18
4/28/2014	226600	27600	2.1407	1.8865	1.639	0.5017	8.36	8.15	0.21	0.22	0
4/29/2014	214000	27700	1.8965	1.6548	1.935	-0.0385	7.83	7.66	0.17	0	0
4/30/2014	199600	27700	1.8138	1.5865	1.771	0.0428	7.56	7.41	0.15	0	0
Total	6465700	687100	58.69	51.53	56.45	2.23	237.37	232.26	5.11	5.28	2.49
Min	172600	12500	1.49	1.28	1.29	-0.13	7.06	6.92	0.10	0.00	0.00
Max	294700	42300	2.68	2.39	2.68	0.50	9.22	9.05	0.23	0.87	0.41
Average	215523	22903	1.96	1.72	1.88	0.07	7.91	7.74	0.17	0.18	0.08

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
5/1/2014	197300	23100	1.7545	1.5341	1.75	0.0045	7.52	7.21	0.31	0	0
5/2/2014	141800	21300	1.5405	1.3774	1.659	-0.1185	7.34	7.39	-0.05	0	0
5/3/2014	203300	17100	1.7217	1.5013	1.6737	0.048	7.39	7.24	0.15	0	0.01
5/4/2014	264600	23600	2.0173	1.7291	1.812	0.2053	7.93	7.79	0.14	0.34	0.18
5/5/2014	208200	26300	1.8064	1.5719	1.403	0.4034	7.64	7.5	0.14	0.56	0.03
5/6/2014	187400	26800	1.8665	1.6523	1.704	0.1625	7.36	7.2	0.16	0	0
5/7/2014	203400	21500	1.4502	1.2253	1.588	-0.1378	7.16	6.97	0.19	0	0
5/8/2014	212100	31700	1.9318	1.688	1.796	0.1358	7.4	7.26	0.14	0	0.33
5/9/2014	212900	32700	2.2372	1.9916	2.042	0.1952	7.99	7.9	0.09	0.74	0.43
5/10/2014	219600	20000	1.9649	1.7253	1.984	-0.0191	7.99	7.81	0.18	0.55	0.04
5/11/2014	229000	15100	1.7303	1.4862	1.783	-0.0527	7.76	7.55	0.21	0	0
5/12/2014	203700	24500	1.7337	1.5055	1.356	0.3777	7.56	7.38	0.18	0	0
5/13/2014	194200	27300	1.6531	1.4316	1.65	0.0031	7.27	7.26	0.01	0	0
5/14/2014	165100	24700	1.5908	1.401	1.5546	0.0362	7.14	7.11	0.03	0	0
5/15/2014	215000	24600	1.5624	1.3228	1.545	0.0174	7.09	7.42	-0.33	0	0
5/16/2014	163300	20900	1.5652	1.381	1.494	0.0712	6.96	6.87	0.09	0	0
5/17/2014	190400	11300	1.5125	1.3108	1.491	0.0215	7.02	6.88	0.14	0	0.06
5/18/2014	216600	16700	1.7619	1.5286	1.617	0.1449	7.74	7.61	0.13	0.2	0.76
5/19/2014	193400	24300	1.6175	1.3998	1.272	0.3455	7.48	7.33	0.15	0.44	0.01
5/20/2014	199700	20700	1.3959	1.1755	1.533	-0.1371	7.16	7.07	0.09	0.01	0
5/21/2014	180500	21600	1.5915	1.3894	1.452	0.1395	7.02	6.92	0.1	0	0
5/22/2014	206700	25100	1.666	1.4342	1.488	0.178	6.98	6.85	0.13	0	0
5/23/2014	144400	15300	1.1833	1.0236	1.421	-0.2377	6.84	6.77	0.07	0	0.01
5/24/2014	168200	8200	1.3166	1.1402	1.388	-0.0714	6.71	6.61	0.1	0.05	0
5/25/2014	165500	8400	1.326	1.1521	1.282	0.044	6.6	6.47	0.13	0	0.07
5/26/2014	215100	9700	1.5113	1.2865	1.303	0.2083	7.25	7.15	0.1	0.22	0.02
5/27/2014	176400	21100	1.4196	1.2221	1.4	0.0196	6.99	6.86	0.13	0	0
5/28/2014	196200	22300	1.4597	1.2412	1.414	0.0457	6.85	6.78	0.07	0.01	0.33
5/29/2014	165100	24600	1.522	1.3323	1.52	0.002	6.98	6.9	0.08	0.49	0
5/30/2014	158300	21800	1.499	1.3189	1.42	0.079	6.81	6.74	0.07	0	0
5/31/2014	177100	12000	1.3853	1.1962	1.412	-0.0267	6.91	6.79	0.12	0	0
Total	5974500	644300	50.29	43.68	48.21	2.09	224.84	221.59	3.25	3.61	2.28
Min	141800	8200	1.18	1.02	1.27	-0.24	6.60	6.47	-0.33	0.00	0.00
Max	264600	32700	2.24	1.99	2.04	0.40	7.99	7.90	0.31	0.74	0.76
Average	192726	20784	1.62	1.41	1.56	0.07	7.25	7.15	0.10	0.12	0.07

Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

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6/1/2014	202400	12500	1.3565	1.1416	1.369	-0.0125	7.07	6.92	0.15	0	0
6/2/2014	178300	21300	1.4174	1.2178	1.129	0.2884	6.94	6.84	0.1	0	0
6/3/2014	171500	20000	1.3487	1.1572	1.358	-0.0093	6.71	6.6	0.11	0	0
6/4/2014	172000	19200	1.3339	1.1427	1.3	0.0339	6.71	6.61	0.1	0	0
6/5/2014	172600	16000	1.3376	1.149	1.319	0.0186	6.67	6.56	0.11	0	0
6/6/2014	142000	18200	1.3102	1.15	1.309	0.0012	6.61	6.45	0.16	0	0
6/7/2014	172000	9800	1.2703	1.0885	1.291	-0.0207	6.69	6.57	0.12	0	0
6/8/2014	203000	13800	1.457	1.2402	1.287	0.17	6.86	6.74	0.12	0	0
6/9/2014	177100	18000	1.2274	1.0323	1.076	0.1514	6.79	6.62	0.17	0	0
6/10/2014	174300	18300	1.2757	1.0831	1.289	-0.0133	6.62	6.49	0.13	0	0
6/11/2014	152100	19000	1.3706	1.1995	1.241	0.1296	6.56	6.46	0.1	0	0
6/12/2014	199900	21000	1.3193	1.0984	1.322	-0.0027	6.67	6.56	0.11	0	0.18
6/13/2014	164800	22800	1.544	1.3564	1.444	0.1	6.86	6.84	0.02	0.63	0.1
6/14/2014	172200	8400	1.2931	1.1125	1.352	-0.0589	6.81	6.69	0.12	0.07	0.01
6/15/2014	195800	9800	1.2963	1.0907	1.327	-0.0307	6.91	6.78	0.13	0.01	0.16
6/16/2014	177100	21300	1.4189	1.2205	1.13	0.2889	7.08	6.97	0.11	0.07	0.4
6/17/2014	173900	20300	1.3583	1.1641	1.348	0.0103	6.87	6.76	0.11	0.06	0.02
6/18/2014	170000	22400	1.3501	1.1577	1.309	0.0411	6.73	6.63	0.1	0.06	0.01
6/19/2014	185800	17300	1.3336	1.1305	1.317	0.0166	6.68	6.57	0.11	0	0.15
6/20/2014	135800	15200	1.3273	1.1763	1.3	0.0273	6.65	6.53	0.12	0.12	0.14
6/21/2014	156800	9600	1.2266	1.0602	1.275	-0.0484	6.66	6.49	0.17	0	0
6/22/2014	208400	9600	1.4831	1.2651	1.233	0.2501	6.69	6.53	0.16	0	0
6/23/2014	163200	9300	1.1345	0.962	1.074	0.0605	6.7	6.53	0.17	0	0.01
6/24/2014	162500	9300	1.2703	1.0985	1.256	0.0143	6.47	6.4	0.07	0	0
6/25/2014	174100	9700	1.6295	1.4457	1.48	0.1495	6.67	6.59	0.08	0	0.01
6/26/2014	184500	19200	1.9685	1.7648	1.905	0.0635	7.58	7.53	0.05	1.7	0.66
6/27/2014	140600	16100	1.7273	1.5706	1.8931	-0.1658	7.52	7.49	0.03	0.83	0.21
6/28/2014	175600	10900	1.6485	1.462	1.6815	-0.033	7.22	7.14	0.08	0.08	0.04
6/29/2014	216300	11100	1.6092	1.3818	1.518	0.0912	7.06	6.93	0.13	0.04	0.24
6/30/2014	174400	11100	1.5364	1.3509	1.223	0.3134	6.91	6.8	0.11	0	0
Total	5249000	460500	42.18	36.47	40.36	1.82	204.97	201.62	3.35	3.67	2.34
Min	135800	8400	1.13	0.96	1.07	-0.17	6.47	6.40	0.02	0.00	0.00
Max	216300	22800	1.97	1.76	1.91	0.31	7.58	7.53	0.17	1.70	0.66
Average	174967	15350	1.41	1.22	1.35	0.06	6.83	6.72	0.11	0.12	0.08

Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

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7/1/2014	167700	10200	1.4058	1.2279	1.424	-0.0182	6.7	6.53	0.17	0	0
7/2/2014	173300	11600	1.4125	1.2276	1.375	0.0375	6.76	6.58	0.18	0	0
7/3/2014	192400	14900	1.6804	1.4731	1.389	0.2914	6.7	6.57	0.13	0	0
7/4/2014	151000	6600	1.1405	0.9829	1.293	-0.1525	6.52	6.41	0.11	0	0
7/5/2014	173500	8800	1.3432	1.1609	1.278	0.0652	6.38	6.22	0.16	0	0
7/6/2014	168500	9700	1.1576	0.9794	1.272	-0.1144	6.64	6.53	0.11	0	0
7/7/2014	166400	10800	1.378	1.2008	1.096	0.282	6.81	6.75	0.06	0	0
7/8/2014	172900	10000	1.3015	1.1186	1.278	0.0235	6.58	6.44	0.14	0	0
7/9/2014	170500	11900	1.3026	1.1202	1.207	0.0956	6.43	6.34	0.09	0	0
7/10/2014	157400	8100	1.281	1.1155	1.236	0.045	6.44	6.29	0.15	0	0
7/11/2014	129200	7600	1.2214	1.0846	1.262	-0.0406	6.47	6.28	0.19	0	0
7/12/2014	181300	8200	1.329	1.1395	1.222	0.107	6.44	6.33	0.11	0	0
7/13/2014	185500	7900	1.2029	1.0095	1.232	-0.0291	6.48	6.4	0.08	0	0.05
7/14/2014	162600	9300	1.2835	1.1116	1.051	0.2325	6.55	6.46	0.09	0.03	0
7/15/2014	167900	10000	1.2652	1.0873	1.24	0.0252	6.49	6.41	0.08	0	0
7/16/2014	158500	10700	1.2241	1.0549	1.194	0.0301	6.4	6.22	0.18	0	0
7/17/2014	150000	9200	1.3708	1.2116	1.215	0.1558	6.38	6.26	0.12	0	0
7/18/2014	150400	7100	1.136	0.9785	1.218	-0.082	6.36	6.22	0.14	0	0
7/19/2014	152300	8600	1.1467	0.9858	1.196	-0.0493	6.33	6.26	0.07	0	0
7/20/2014	196000	9000	1.2457	1.0407	1.187	0.0587	6.59	6.48	0.11	0	0
7/21/2014	163400	8200	1.2724	1.1008	1.036	0.2364	6.51	6.41	0.1	0	0
7/22/2014	172900	11600	1.307	1.1225	1.286	0.021	6.49	6.47	0.02	0.28	0.24
7/23/2014	172900	15600	1.4495	1.261	1.375	0.0745	6.78	6.75	0.03	0.1	0.27
7/24/2014	171600	11400	1.3695	1.1865	1.361	0.0085	6.6	6.56	0.04	0.73	0.01
7/25/2014	168300	15100	1.4795	1.2961	1.291	0.1885	6.42	6.36	0.06	0.01	0
7/26/2014	164900	3100	1.1864	1.0184	1.261	-0.0746	6.44	6.35	0.09	0	0
7/27/2014	176900	10900	1.1797	0.9919	1.219	-0.0393	6.55	6.48	0.07	0	0
7/28/2014	173800	8100	1.3024	1.1205	1.061	0.2414	6.52	6.41	0.11	0	0
7/29/2014	159800	8700	1.2446	1.0761	1.238	0.0066	6.42	6.29	0.13	0	0
7/30/2014	172800	10500	1.3696	1.1863	1.168	0.2016	6.32	6.12	0.2	0	0
7/31/2014	158100	7600	1.0682	0.9025	1.204	-0.1358	6.34	6.09	0.25	0	0
Total	5182700	301000	40.06	34.57	38.37	1.69	201.84	198.27	3.57	1.15	0.57
Min	129200	3100	1.07	0.90	1.04	-0.15	6.32	6.09	0.02	0.00	0.00
Max	196000	15600	1.68	1.47	1.42	0.29	6.81	6.75	0.25	0.73	0.27
Average	167184	9710	1.29	1.12	1.24	0.05	6.51	6.40	0.12	0.04	0.02

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
8/1/2014	155700	11400	1.2856	1.1185	1.178	0.1076	6.34	6.12	0.22	0	0
8/2/2014	163200	10200	1.1766	1.0032	1.189	-0.0124	6.47	6.24	0.23	0	0
8/3/2014	181200	8800	1.1199	0.9299	1.162	-0.0421	6.51	6.32	0.19	0	0
8/4/2014	164800	8200	1.2619	1.0889	1.029	0.2329	6.56	6.37	0.19	0	0
8/5/2014	164600	9500	1.205	1.0309	1.199	0.006	6.37	6.2	0.17	0	0
8/6/2014	167700	7700	1.1612	0.9858	1.127	0.0342	6.3	6.16	0.14	0	0
8/7/2014	155800	9100	1.2955	1.1306	1.16	0.1355	6.35	6.01	0.34	0	0
8/8/2014	168100	6700	1.1827	1.0079	1.187	-0.0043	6.34	5.83	0.51	0	0
8/9/2014	160600	7300	1.1362	0.9683	1.183	-0.0468	6.36	6.52	-0.16	0	0
8/10/2014	194800	7900	1.1885	0.9858	1.14	0.0485	6.5	6.4	0.1	0	0
8/11/2014	158000	14000	1.2204	1.0484	0.999	0.2214	6.38	6.21	0.17	0	0
8/12/2014	169200	9300	1.2282	1.0497	1.199	0.0292	6.34	6.36	-0.02	0	0.01
8/13/2014	157300	11700	1.1967	1.0277	1.165	0.0317	6.32	6.33	-0.01	0.15	0
8/14/2014	169300	10200	1.231	1.0515	1.188	0.043	6.3	6.28	0.02	0	0
8/15/2014	160300	9100	1.2871	1.1177	1.185	0.1021	6.27	6.04	0.23	0	0
8/16/2014	171500	9300	1.1934	1.0126	1.179	0.0144	6.27	6.06	0.21	0	0
8/17/2014	186400	11500	1.1135	0.9156	1.145	-0.0315	6.44	6.34	0.1	0	0
8/18/2014	176300	11600	1.258	1.0701	1.029	0.229	6.42	6.31	0.11	0	0
8/19/2014	173000	8400	1.1965	1.0151	1.184	0.0125	6.3	5.84	0.46	0	0
8/20/2014	170900	10500	1.1919	1.0105	1.111	0.0809	6.16	5.28	0.88	0	0
8/21/2014	163500	9500	1.1721	0.9991	1.165	0.0071	6.21	6.26	-0.05	0	0
8/22/2014	157100	11600	1.2534	1.0847	1.157	0.0964	6.2	6.18	0.02	0	0
8/23/2014	147900	7300	1.0609	0.9057	1.153	-0.0921	6.29	6.14	0.15	0	0
8/24/2014	201700	8600	0.9944	0.7841	1.118	-0.1236	6.32	6.16	0.16	0	0
8/25/2014	175200	9700	1.4376	1.2527	0.996	0.4416	6.33	6.15	0.18	0	0
8/26/2014	164200	12200	1.1892	1.0128	1.17	0.0192	6.28	5.97	0.31	0	0
8/27/2014	162000	9600	1.2826	1.111	1.129	0.1536	6.16	6.04	0.12	0	0
8/28/2014	159400	15400	1.2574	1.0826	1.159	0.0984	6.3	6.12	0.18	0	0
8/29/2014	143200	12000	0.9468	0.7916	1.1519	-0.2051	6.18	6.02	0.16	0	0
8/30/2014	164300	13300	1.1621	0.9845	1.1349	0.0272	6.15	6.05	0.1	0	0.02
8/31/2014	161300	12900	1.1106	0.9364	1.0655	0.0451	6.02	5.86	0.16	0.1	0
Total	5168500	314500	37.00	31.51	35.34	1.66	195.74	190.17	5.57	0.25	0.03
Min	143200	6700	0.95	0.78	1.00	-0.21	6.02	5.28	-0.16	0.00	0.00
Max	201700	15400	1.44	1.25	1.20	0.44	6.56	6.52	0.88	0.15	0.02
Average	166726	10145	1.19	1.02	1.14	0.05	6.31	6.13	0.18	0.01	0.00

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
9/1/2014	222300	10000	1.3329	1.1006	1.086	0.2469	6.52	6.33	0.19	0	0
9/2/2014	173400	14100	1.2356	1.0481	1.225	0.0106	6.54	6.38	0.16	0	0
9/3/2014	173700	17300	1.2106	1.0196	1.14	0.0706	6.2	6.03	0.17	0	0
9/4/2014	170600	17400	1.2559	1.0679	1.209	0.0469	6.19	6.03	0.16	0	0
9/5/2014	155500	18100	1.3083	1.1347	1.17	0.1383	6.1	5.74	0.36	0	0
9/6/2014	162100	7600	1.1698	1.0001	1.169	0.0008	6.15	5.94	0.21	0	0
9/7/2014	181700	9600	1.1233	0.932	1.179	-0.0557	6.49	6.27	0.22	0	0
9/8/2014	162200	21500	1.3694	1.1857	0.99	0.3794	6.38	6.23	0.15	0	0
9/9/2014	169000	17600	1.1625	0.9759	1.177	-0.0145	6.21	6.04	0.17	0	0
9/10/2014	164300	18400	1.2895	1.1068	1.15	0.1395	6.21	6.07	0.14	0	0
9/11/2014	185500	21000	1.1144	0.9079	1.214	-0.0996	6.28	6.07	0.21	0	0
9/12/2014	162400	19700	1.3823	1.2002	1.171	0.2113	6.12	5.89	0.23	0	0
9/13/2014	158000	6600	1.1374	0.9728	1.182	-0.0446	6.25	6	0.25	0	0
9/14/2014	195100	11600	1.1548	0.9481	1.162	-0.0072	6.46	6.19	0.27	0	0
9/15/2014	153700	20600	1.3334	1.1591	0.993	0.3404	6.32	6.03	0.29	0	0
9/16/2014	208400	19600	1.2003	0.9723	1.177	0.0233	6.2	5.78	0.42	0	0
9/17/2014	148800	23200	1.3759	1.2039	1.1609	0.215	6.18	6.06	0.12	0	0.01
9/18/2014	169900	19800	1.1665	0.9768	1.195	-0.0285	6.16	6.05	0.11	0.02	0.05
9/19/2014	137100	18200	1.2265	1.0712	1.168	0.0585	6.1	5.97	0.13	0	0
9/20/2014	182600	10500	1.3629	1.1698	1.13878	0.22412	6.25	6.07	0.18	0	0
9/21/2014	179300	10200	1.2394	1.0499	1.13878	0.10062	6.48	6.29	0.19	0	0
9/22/2014	169200	20100	1.1061	0.9168	0.983	0.1231	6.29	6.11	0.18	0	0.01
9/23/2014	168300	19700	1.2618	1.0738	1.212	0.0498	6.19	6.06	0.13	0.01	0.44
9/24/2014	179400	19300	1.311	1.1123	1.28	0.031	6.65	6.6	0.05	0.84	0.35
9/25/2014	170200	18400	1.2549	1.0663	1.252	0.0029	6.37	6.25	0.12	0.1	0.04
9/26/2014	148800	17600	1.2984	1.132	1.202	0.0964	6.19	6.1	0.09	0.04	0
9/27/2014	171400	7700	1.1974	1.0183	1.228	-0.0306	6.37	6.19	0.18	0.01	0
9/28/2014	191000	12800	1.3853	1.1815	1.2099	0.1754	6.61	6.41	0.2	0	0
9/29/2014	188600	17400	1.1872	0.9812	1.056	0.1312	6.47	6.29	0.18	0	0.13
9/30/2014	176700	19300	1.3203	1.1243	1.334	-0.0137	6.42	6.26	0.16	0.58	0
Total	5179200	484900	37.47	31.81	34.95	2.52	189.35	183.73	5.62	1.60	1.03
Min	137100	6600	1.11	0.91	0.98	-0.10	6.10	5.74	0.05	0.00	0.00
Max	222300	23200	1.39	1.20	1.33	0.38	6.65	6.60	0.42	0.84	0.44
Average	172640	16163	1.25	1.06	1.17	0.08	6.31	6.12	0.19	0.05	0.03

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
10/1/2014	169100	22500	1.2674	1.0758	1.21	0.0574	6.2	6.03	0.17	0.1	0
10/2/2014	183800	19400	1.3025	1.0993	1.26	0.0425	6.25	6.07	0.18	0	0
10/3/2014	160100	18400	1.35	1.1715	1.221	0.129	6.12	5.94	0.18	0	0
10/4/2014	178400	8400	1.2202	1.0334	1.229	-0.0088	6.27	6.07	0.2	0	0
10/5/2014	178500	12400	1.1458	0.9549	1.212	-0.0662	6.45	6.28	0.17	0	0
10/6/2014	173800	17700	1.269	1.0775	1.011	0.258	6.27	6.16	0.11	0	0
10/7/2014	168000	18500	1.2293	1.0428	1.213	0.0163	6.19	6.07	0.12	0	0
10/8/2014	154400	17800	1.2541	1.0819	1.149	0.1051	6.14	5.99	0.15	0	0
10/9/2014	183600	17500	1.158	0.9569	1.195	-0.037	6.11	5.95	0.16	0	0
10/10/2014	143300	12000	1.214	1.0587	1.173	0.041	6.12	5.95	0.17	0	0
10/11/2014	181400	9900	1.3544	1.1631	1.265	0.0894	6.37	6.23	0.14	0.35	0.17
10/12/2014	199100	10300	1.4057	1.1963	1.232	0.1737	6.54	6.35	0.19	0.07	0.01
10/13/2014	177100	19600	1.1824	0.9857	1.043	0.1394	6.35	6.22	0.13	0.01	0.04
10/14/2014	156900	19300	1.3609	1.1847	1.355	0.0059	6.59	6.48	0.11	0.51	0.22
10/15/2014	188500	19900	1.5323	1.3239	1.441	0.0913	6.71	6.62	0.09	0.17	0.61
10/16/2014	171400	18200	1.3945	1.2049	1.354	0.0405	6.44	6.32	0.12	0.33	0
10/17/2014	143400	23000	1.4504	1.284	1.394	0.0564	6.41	6.28	0.13	0.13	0.21
10/18/2014	172800	9700	1.3746	1.1921	1.406	-0.0314	6.71	6.6	0.11	0.32	0
10/19/2014	209000	11300	1.5556	1.3353	1.32	0.2356	6.78	6.61	0.17	0.02	0
10/20/2014	178100	10200	1.3613	1.173	1.165	0.1963	6.68	6.57	0.11	0.23	0.24
10/21/2014	159000	20100	1.4367	1.2576	1.419	0.0177	6.53	6.44	0.09	0.25	0.05
10/22/2014	199100	39200	2.4529	2.2146	2.182	0.2709	8.1	7.25	0.85	0.2	0.92
10/23/2014	181800	29400	2.1122	1.901	2.11	0.0022	8.07	7.99	0.08	2.05	0.41
10/24/2014	141800	24700	1.7732	1.6067	1.8784	-0.1052	7.46	7.34	0.12	0.28	0.25
10/25/2014	180400	15700	1.8776	1.6815	1.8393	0.0383	7.42	7.26	0.16	0.22	0.2
10/26/2014	226900	16400	1.9872	1.7439	1.903	0.0842	7.71	7.46	0.25	0.38	0.04
10/27/2014	189500	19500	1.8571	1.6481	1.45	0.4071	7.24	7.04	0.2	0.27	0
10/28/2014	170700	25300	1.9397	1.7437	1.884	0.0557	7.45	7.29	0.16	0.24	0.25
10/29/2014	203800	23000	1.8329	1.6061	1.781	0.0519	7.36	7.26	0.1	0.47	0.04
10/30/2014	189000	29600	2.2545	2.0359	1.966	0.2885	7.33	7.22	0.11	0.04	0.38
10/31/2014	183000	36800	2.8198	2.6	2.721	0.0988	9.53	9.27	0.26	0.75	1.1
Total	5495700	595700	48.73	42.63	45.98	2.74	211.90	206.61	5.29	7.39	5.14
Min	141800	8400	1.15	0.95	1.01	-0.11	6.11	5.94	0.08	0.00	0.00
Max	226900	39200	2.82	2.60	2.72	0.41	9.53	9.27	0.85	2.05	1.10
Average	177281	19216	1.57	1.38	1.48	0.09	6.84	6.66	0.17	0.24	0.17

Salmon Creek Wastewater Treatment Plant Flow and Rainfall Report

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11/1/2014	179200	16200	1.9765	1.7811	2.097	-0.1205	8.09	7.81	0.28	0.22	0
11/2/2014	224800	21300	2.1095	1.8634	1.996	0.1135	7.88	7.6	0.28	0.04	0.15
11/3/2014	237800	46600	2.6835	2.3991	1.963	0.7205	8.28	8.08	0.2	0.61	0.22
11/4/2014	173600	35100	2.5619	2.3532	2.821	-0.2591	9.02	8.8	0.22	1.01	0.09
11/5/2014	200300	27000	2.1542	1.9269	2.178	-0.0238	7.97	7.8	0.17	0.05	0.01
11/6/2014	196800	26800	2.1246	1.901	2.085	0.0396	7.71	7.54	0.17	0	0.1
11/7/2014	183300	26200	2.0273	1.8178	1.913	0.1143	7.45	7.25	0.2	0.24	0
11/8/2014	186300	15400	1.76	1.5583	1.827	-0.067	7.39	7.13	0.26	0.01	0
11/9/2014	209800	15300	1.7129	1.4878	1.784	-0.0711	7.46	7.23	0.23	0	0.05
11/10/2014	196100	25400	1.9482	1.7267	1.392	0.5562	7.15	6.9	0.25	0.17	0
11/11/2014	197100	10800	1.4741	1.2662	1.668	-0.1939	7.08	6.8	0.28	0	0
11/12/2014	185400	21400	1.5356	1.3288	1.525	0.0106	6.8	6.52	0.28	0	0
11/13/2014	197300	18800	1.6379	1.4218	1.569	0.0689	6.94	6.69	0.25	0	0.1
11/14/2014	169900	22700	1.6529	1.4603	1.533	0.1199	6.83	6.55	0.28	0.13	0
11/15/2014	177600	9500	1.4684	1.2813	1.54	-0.0716	6.97	6.64	0.33	0	0
11/16/2014	224500	11500	1.5082	1.2722	1.509	-0.0008	7.12	6.77	0.35	0	0
11/17/2014	194700	18700	1.0913	0.8779	1.247	-0.1557	6.81	6.53	0.28	0	0
11/18/2014	176000	19200	1.8548	1.6596	1.43	0.4248	6.62	6.36	0.26	0	0
11/19/2014	184000	19500	1.4372	1.2337	1.393	0.0442	6.54	6.31	0.23	0	0
11/20/2014	184100	19200	1.4199	1.2166	1.409	0.0109	6.53	6.31	0.22	0.05	0.01
11/21/2014	201000	28200	1.9311	1.7019	1.678	0.2531	7.02	6.85	0.17	0.02	0.62
11/22/2014	188200	18100	2.0503	1.844	1.989	0.0613	7.97	7.76	0.21	0.97	0.16
11/23/2014	200000	23500	2.2846	2.2521	2.036	0.2486	8.12	7.9	0.22	0.31	0.26
11/24/2014	437200	28300	1.9702	1.5047	1.637	0.3332	7.81	7.63	0.18	0.38	0.02
11/25/2014	206000	22800	2.0008	1.772	1.998	0.0028	7.5	7.38	0.12	0.19	0
11/26/2014	203000	18200	1.873	1.6518	1.978	-0.105	7.69	7.52	0.17	0.25	0
11/27/2014	238100	18100	1.9815	1.7253	1.883	0.0985	7.75	7.58	0.17	0.1	0.03
11/28/2014	231900	28000	2.503	2.2431	2.318	0.185	7.94	7.74	0.2	0.39	0.52
11/29/2014	231900	22200	2.3531	2.099	2.401	-0.0479	8.62	8.29	0.33	0.82	0.05
11/30/2014	263000	19600	2.101	1.8184	2.061	0.04	8.16	7.77	0.39	0.02	0
Total	6278900	653600	57.19	50.45	54.86	2.33	225.22	218.04	7.18	5.98	2.39
Min	169900	9500	1.09	0.88	1.25	-0.26	6.53	6.31	0.12	0.00	0.00
Max	437200	46600	2.68	2.40	2.82	0.72	9.02	8.80	0.39	1.01	0.62
Average	209297	21787	1.91	1.68	1.83	0.08	7.51	7.27	0.24	0.20	0.08

Revised to represent typical flows.

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
12/1/2014	201300	26500	1.7118	1.484	1.548	0.1638	7.59	7.27	0.32	0	0
12/2/2014	200300	27400	1.5617	1.334	1.771	-0.2093	7.26	6.96	0.3	0	0
12/3/2014	200800	23800	1.496	1.2714	1.648	-0.152	7.08	6.84	0.24	0	0
12/4/2014	237100	36200	1.5166	1.2433	2.051	-0.5344	7.8	7.54	0.26	0.28	0.43
12/5/2014	215500	34200	2.6255	2.3758	2.104	0.5215	7.97	7.76	0.21	0.64	0.14
12/6/2014	254300	26300	2.2231	1.9425	2.504	-0.2809	8.87	8.63	0.24	0.58	0.33
12/7/2014	249900	22000	1.812	1.5401	2.147	-0.335	8.38	8.08	0.3	0.05	0
12/8/2014	221400	26400	1.7934	1.5456	1.595	0.1984	7.77	7.53	0.24	0	0.01
12/9/2014	244300	30700	1.9685	1.6935	2.066	-0.0975	7.77	7.64	0.13	0.07	0.4
12/10/2014	274900	35200	2.3317	2.0216	2.445	-0.1133	8.68	8.54	0.14	0.52	0.46
12/11/2014	236600	35100	2.1123	1.8406	2.221	-0.1087	8.47	8.39	0.08	0.54	0.13
12/12/2014	202100	25900	1.8218	1.5938	2.114	-0.2922	8.01	7.78	0.23	0.05	0
12/13/2014	213600	16500	1.5866	1.3565	1.923	-0.3364	7.78	7.55	0.23	0	0
12/14/2014	236200	16000	1.4915	1.2393	1.807	-0.3155	7.77	7.53	0.24	0	0
12/15/2014	204700	24000	1.5249	1.2962	1.441	0.0839	7.41	7.21	0.2	0	0
12/16/2014	197900	23100	1.4696	1.2486	1.68	-0.2104	7.16	6.97	0.19	0.06	0.03
12/17/2014	196800	22500	1.4165	1.1972	1.588	-0.1715	7.05	6.88	0.17	0.01	0.05
12/18/2014	208800	25500	1.5113	1.277	1.668	-0.1567	7.09	6.95	0.14	0.05	0.22
12/19/2014	189300	25800	1.5554	1.3403	1.8189	-0.2635	7.54	7.45	0.09	0.43	0.06
12/20/2014	312400	35900	2.6936	2.3453	2.7597	-0.0661	9.3	9.18	0.12	0.44	0.73
12/21/2014	317700	29400	2.9064	2.5593	2.8758	0.0306	9.69	9.51	0.18	1.13	0.04
12/22/2014	280500	21900	2.5734	2.271	2.0917	0.4817	9.12	8.9	0.22	0.43	0.01
12/23/2014	202900	16700	1.6761	1.4565	2.3454	-0.6693	8.53	8.32	0.21	0.07	0.12
12/24/2014	292200	25300	2.3886	2.0711	2.7048	-0.3162	9.8	9.58	0.22	0.57	0.39
12/25/2014	265000	20700	2.351	2.0653	2.2359	0.1151	8.69	8.48	0.21	0.15	0.06
12/26/2014	244100	15100	1.7392	1.48	2.1319	-0.3927	8.37	8.11	0.26	0.05	0
12/27/2014	263500	23100	2.0598	1.7732	2.1705	-0.1107	8.33	8.08	0.25	0.09	0.14
12/28/2014	258700	21800	1.827	1.5465	2.205	-0.378	8.55	8.35	0.2	0.39	0.1
12/29/2014	235100	18400	1.909	1.6555	1.742	0.167	8.38	8.12	0.26	0.16	0.03
12/30/2014	218400	15900	1.7361	1.5018	1.941	-0.2049	7.97	7.62	0.35	0	0
12/31/2014	213100	17100	1.8096	1.5794	1.863	-0.0534	7.99	7.65	0.34	0	0
Total	7289400	764400	59.20	51.15	63.21	-4.01	252.17	245.40	6.77	6.76	3.88
Min	189300	15100	1.42	1.20	1.44	-0.67	7.05	6.84	0.08	0.00	0.00
Max	317700	36200	2.91	2.56	2.88	0.52	9.80	9.58	0.35	1.13	0.73
Average	235142	24658	1.91	1.65	2.04	-0.13	8.13	7.92	0.22	0.22	0.13

APPENDIX D

ERU AND SEWER LINE DATA

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

Year: Jan 2014 - Dec 2014

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 Constructor	Total Miles
								Developer	District		
Balance Forward	ERU's	21018.0		5057.9		3970.0	30045.9			1805071	341.6
Jan	43.0	21061.0	12.8 ♦	5070.7	0.0	3970.0	30101.7	3919	0	1808990	342.6
Feb	22.0	21083.0	0.0	5070.7	0.0	3970.0	30123.7	0	0	1808990	342.6
Mar	41.0	21124.0	16.8 ♦	5087.5	1.0 ♦	3971.0	30182.5	12717	2030	1823737	345.4
Apr	61.0	21185.0	74.4 ♦	5161.9	0.0	3971.0	30317.9	5083	1093	1829913	346.6
May	54.0	21239.0	41.6 ♦	5203.5	0.0	3971.0	30413.5	7694	5582	1843189	349.1
Jun	41.0	21280.0	48.0 ♦	5251.5	1.1 ♦	3972.1	30503.6	4499	0	1847688	349.9
Jul	45.0	21325.0	0.0	5251.5	2.6 ♦	3974.7	30551.2	0	1082	1848770	350.1
Aug	26.0	21351.0	0.0	5251.5	0.1 ♦	3974.8	30577.3	613	1313	1850696	350.5
Sep	39.0	21390.0	0.0	5251.5	3.7 ♦	3978.5	30620.0	902	202	1851800	350.7
Oct	55.0	21445.0	0.0	5251.5	36.2 ♦	4014.7	30711.2	5785	0	1857585	351.8
Nov	36.0	21481.0	0.0	5251.5	0.6 ♦	4015.3	30747.8	5689	0	1863274	352.9
Dec	44.0	21525.0	0.0	5251.5	0.1 ♦	4015.4	30791.9	2301	0	1865575	353.3
Subtotals	507.0		193.6		45.4			49202	11302		
Total ERU's		21525.0		5251.5		4015.4	30791.9			1865575	353.3

Year to Date

ERU'S	
SCTP - All	
Res	523.0
Multi-Family	193.6
Comm	46.8
Total	763.4
VTP	
Res	129.0
Multi-Family	0.0
Comm	3.1
Total	132.1
RTP	
Res	123.0
Multi-Family	0.8
Comm	2.2
Total	126.0
Permits	
SCTP	544
VTP	127
RTP	124
Total	795

♦ See reverse for explanation

Revised: 21-Jan-15

January	
SCTP	Rock Creek Commons
	11800 NE 124th Ave
	◆ Building C
	12.8
	<u>12.8</u>

March	
SCTP	Vista Dell Apartments
	9517 NE Hazel Dell Ave
	◆ Office Building
	1.0
	◆ Building A
	9.6
	◆ Building B
	7.2
	<u>17.8</u>

April	
SCTP	Vista Dell Apartments
	9517 NE Hazel Dell Ave
	◆ Building C
	7.2
	◆ Building D
	9.6
	◆ Building F
	9.6
	◆ Building G
	9.6
	<u>36.0</u>

SCTP	Rock Creek Commons
	11800 NE 124th Ave
	◆ Building K
	9.6
	◆ Building L
	9.6
	◆ Building M
	9.6
	◆ Building R
	9.6
	<u>38.4</u>

May	
SCTP	Vista Dell Apartments
	9517 NE Hazel Dell Ave
	◆ Building H
	9.6
	◆ Building K
	9.6
	<u>19.2</u>

SCTP	Rock Creek Commons
	11800 NE 124th Ave
	◆ Building J
	12.8
	◆ Building N
	9.6
	<u>41.6</u>

June	
SCTP	Vista Dell Apartments
	9517 NE Hazel Dell Ave
	◆ Building E
	19.2
	◆ Building J
	19.2
	◆ Building I
	9.6
	<u>48.0</u>

SCTP	Aadland Office Building
	2702 NE 78th St Ste 108
	◆ Diehl Dental
	0.5
SCTP	Hazel Dell Towne Center
	8920 NE 5th Ave
	◆ Party City
	0.6
	<u>49.1</u>

July	
SCTP	Center Square Salmon Creek Retail
	13307 NE Highway 99 Ste 112
	◆ Barnick Chiropractic
	0.3
SCTP	Kaiser Permanente Salmon Creek
	14406 NE 20th Ave
	◆ 2014 Remodels
	2.2
SCTP	Hazel Dell Towne Center
	9301 NE 5th Ave Ste 132
	◆ Urban Wolves Fibre Arts
	0.1
	<u>2.6</u>

August	
SCTP	Crossroads Retail Center
	14300 NE 20th Ave Ste 202B
	◆ Lee Nail & Organic Spa
	0.1
	<u>0.1</u>

September	
SCTP	West Side Golf Range
	◆ 14205 NE 3rd Ct
	1.0
SCTP	North Park Bldg E
	5408 NE 88th St Bldg E
	◆ nLight Photonics
	2.7
	<u>3.7</u>

October	
SCTP	Bonaventure Salmon Creek
	◆ 13700 NE Salmon Creek
	36.2
	<u>36.2</u>

November	
SCTP	Salmon Creek Retail
	910 NE Tenney Rd Ste A103
	◆ Freshii
	0.6
	<u>0.6</u>

December	
SCTP	Centerpoint Retail Bldg A
	8720 NE Centerpointe Dr Ste 209
	◆ Tan Republic
	0.1
	<u>0.1</u>

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

Year: Jan 2014 - Dec 2014

Month	New Residential	Total Residential	Multi Family/ Guesthomes (* .8)	Total Res/ Multi-Family	New Commercial	Total Commercial	Grand Total ERU's	<u>Line Construction</u>		Total Line Constructor	Total Miles
								Developer	District		
Balance Forward	ERU's	675.0		1.6		106.7	783.3			25182	4.8
Jan	2.0	677.0	0.0	1.6	0.0	106.7	785.3	0	0	25182	4.8
Feb	3.0	680.0	0.0	1.6	0.0	106.7	788.3	0	0	25182	4.8
Mar	1.0	681.0	0.0	1.6	1.2 ♦	107.9	790.5	0	0	25182	4.8
Apr	2.0	683.0	0.0	1.6	0.0	107.9	792.5	0	0	25182	4.8
May	1.0	684.0	0.0	1.6	0.0	107.9	793.5	0	0	25182	4.8
Jun	2.0	686.0	0.0	1.6	0.0	107.9	795.5	0	0	25182	4.8
Jul	0.0	686.0	0.0	1.6	0.0	107.9	795.5	0	0	25182	4.8
Aug	1.0	687.0	0.0	1.6	0.0	107.9	796.5	0	0	25182	4.8
Sep	0.0	687.0	0.0	1.6	0.0	107.9	796.5	0	0	25182	4.8
Oct	3.0	690.0	0.0	1.6	0.2 ♦	108.1	799.7	200	0	25382	4.8
Nov	0.0	690.0	0.0	1.6	0.0	108.1	799.7	0	0	25382	4.8
Dec	0.0	690.0	0.0	1.6	0.0	108.1	799.7	0	0	25382	4.8
Subtotals	15.0		0.0		1.4			0	0		
Total ERU's		690.0		1.6		108.1	799.7			25382	4.8

♦ See reverse for explanation

March

MG

Camellia Medical Office

◆ 3921 SW 13th Ave 1.2
1.2

October

SCTP - M Columbia Adventist Academy

19300 NE 112th Ave Ste 105

◆ Dance of Joy 0.2
0.2

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

Year: Jan 2014 - Dec 2014

Month	New Residential	Total Residential	Multi Family/ Guesthomes (*.8)	Total Res/ Multi-Family	New Commercial	Total Commercial	Grand Total ERU's	Line Construction Developer	District	Total Line Construction	Total Miles
Balance Forward	ERU's	51.0		0.0		133.6	184.6			5746	1.1
Jan	0.0	51.0	0.0	0.0	0.0	133.6	184.6	0	0	5746	1.1
Feb	1.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Mar	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Apr	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
May	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Jun	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Jul	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Aug	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Sep	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Oct	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Nov	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Dec	0.0	52.0	0.0	0.0	0.0	133.6	185.6	0	0	5746	1.1
Subtotals	1.0		0.0		0.0			0	0		
Total ERU's		52.0		0.0		133.6	185.6			5746	1.1

◆ See reverse for explanation

**CLARK REGIONAL WASTEWATER DISTRICT
VANCOUVER TREATMENT PLANT
SEWER CONNECTION REPORT**

Year: Jan 2014 - Dec 2014

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
								Developer	District		
Balance Forward	ERU's	3095.0		732.0		832.0	4659.0			340799	64.5
Jan	5.0	3100.0	0	732.0	0.0	832.0	4664.0	6056	0	346855	65.7
Feb	13.0	3113.0	0	732.0	0.0	832.0	4677.0	0	0	346855	65.7
Mar	12.0	3125.0	0	732.0	0.0	832.0	4689.0	0	0	346855	65.7
Apr	13.0	3138.0	0	732.0	0.0	832.0	4702.0	0	0	346855	65.7
May	12.0	3150.0	0	732.0	1.5 ♦	833.5	4715.5	0	0	346855	65.7
Jun	18.0	3168.0	0	732.0	0.0	833.5	4733.5	0	0	346855	65.7
Jul	13.0	3181.0	0	732.0	0.0	833.5	4746.5	0	0	346855	65.7
Aug	14.0	3195.0	0	732.0	0.0	833.5	4760.5	0	0	346855	65.7
Sep	6.0	3201.0	0	732.0	0.0	833.5	4766.5	0	0	346855	65.7
Oct	11.0	3212.0	0	732.0	1.6 ♦	835.1	4779.1	0	0	346855	65.7
Nov	7.0	3219.0	0	732.0	0.0	835.1	4786.1	445	0	347300	65.8
Dec	5.0	3224.0	0	732.0	0.0	835.1	4791.1	802	0	348102	65.9
Subtotals	129.0		0		3.1			7303	0		
Total ERU's		3224.0		732.0		835.1	4791.1			348102	65.9

♦ See reverse for explanation

May

VTP	Hazel Dell Square	
	7604 NE 5th Ave Ste 100	
	◆ Vitamin Cottage	1.5
		<u>1.5</u>

October

VTP	MAJ Place	
	7200 NE Highway 99	
	◆ Panera Bread	0.3

VTP	Hazel Dell Square	
	7715 5th Ave Ste 109	
	◆ Chipotle Mexican Grill	1.3
		<u>1.6</u>