CLARK REGIONAL WASTEWATER DISTRICT

2015

Clark Regional Wastewater District

Pretreatment Report

Salmon Creek Treatment Plant at Sunset

ACCREDITED AGENCY A•P•W•A

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CLARK REGIONAL WASTEWATER DISTRICT

Post Office Box 8979
Vancouver, WA 98668-8979

8000 N.E. 52nd Court
Vancouver, WA 98665-0983

(360) 750-5876 ◆ FAX (360) 750-7570
www.crwwd.com

Transmittal Cover

Project: 2015 Pretreatment Annual Report
Industrial Pretreatment
Date: February 5, 2016

To:	Attention:	No. Copies	Action Requested	Transmitted Via
Washington State Department of Ecology	Carey Cholski	1 Original 1 Copy	Records	FedEx
Clark County SCTP	Travis Capson	1 copy	Records	Hand Carried
City of Battle Ground	Scott Sawyer	1 copy	Records	Hand Carried
City of Vancouver	Frank Dick	1 copy	Records	USPS

DESCRIPTION:

2015 Annual Pretreatment Report

MESSAGE:

Enclosed please find our 2015 Annual Pretreatment Report. The report describes the Clark Regional Wastewater District's Pretreatment Program for the Salmon Creek Treatment Plant activities during the 2015 reporting period of January 1, 2015 through December 31, 2015.

This submittal fulfills the Pretreatment Program reporting requirements as outlines in Section S6 of NPDES Permit No. WA0023639.

C: File
Robin Krause, District Engineer

COVER SHEET

NPDES Permit Holder: Clark County Department of Public Works
Period Covered by this Report: January 1, 2015 to December 31, 2015
Report Date: February 15, 2016

NAME OF WASTEWATER TREATMENT PLANT

Salmon Creek Wastewater Treatment Plant
15100 NW McCann Road
Vancouver, WA 98685

NPDES PERMIT #

WA – 002363-9

Person to contact concerning information in this report:

Name: Andria Swann
Title: Pretreatment Coordinator
Mailing Address: Clark Regional Wastewater District
PO Box 8979, Vancouver, WA 98668–8979
Telephone: (360) 993-8833
Fax: (360) 750-7570
E-mail: aswann@crwwd.com

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Signature

2.5.15
Date

Pretreatment Coordinator
Title

Mission

Providing customer-focused, professional wastewater services in an environmentally and financially responsible manner.

Vision

To be an active partner in Clark County, to support economic development and to manage and protect water resources.

Values

The Values of Clark Regional Wastewater District are "SERVICE":

Stewardship of the environmental and financial resources entrusted to the District

Employees who are talented and motivated professionals that work together in a spirit of cooperation

Responsibility, integrity and fairness in every decision, every interaction and in every challenge we undertake

Valued partner involved and active within our communities

Innovation and learning, creating an environment of personal and professional growth

Communication that is active, open, honest and timely

Efficient and effective solutions that are reliable, consistent and meet the needs of our communities

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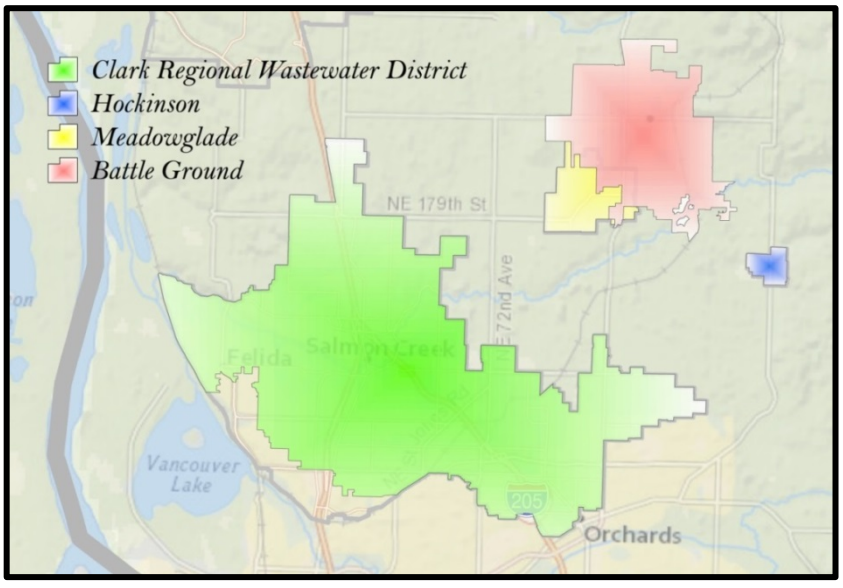
PROGRAM SUMMARY

INTRODUCTION

In 2012, the Clark Regional Wastewater District (District), Clark County, the City of Ridgefield and the City of Battle Ground (Alliance Members) entered into the "Discovery Clean Water Alliance Interlocal Formation Agreement" (Alliance Agreement). Effective January 1, 2015, the Alliance Agreement provides for the formation of the Discovery Clean Water Alliance (DCWA) whose purpose is to jointly provide regional wastewater transmission and treatment for the Alliance Members. The Alliance Agreement designates the District as the Administrative Lead to administer and manage the Alliance and Regional Assets. Asset transfer of the Salmon Creek Treatment Plant and transmission infrastructure to the Alliance was effective as of January 1, 2015. The National Pollutant Discharge Elimination (NPDES) Permit Number WA-002363 – 9 as issued by the Department of Ecology (Ecology), states as a condition of the permit under § S6.A.4, that the owner/permittee shall provide Ecology with an annual pretreatment report of its non-delegated Pretreatment Program to briefly describe its program activities during the previous calendar year.

As the Administrative Lead, District responsibilities include the management of the Pretreatment Program by acting as a local regulatory presence on behalf of the DCWA and by monitoring and surveying industrial waste users of the regional wastewater transmission system. The goal of the Alliance Pretreatment Program is to protect public health and the Salmon Creek Treatment Plant (SCTP) while also enhancing the environment. The District performs inspections and monitoring activities on four (4) significant industrial users (SIUs) and two (2) minor industrial users (MIUs). Continuous surveying of new businesses is conducted throughout the year. In 2015 the SCTP was monitored in accordance with permit requirements set forth in the NPDES permit. The summary of these actives is outlined below.



The map depicts areas discharging into the SCTP through the District sewage conveyance system. The Columbia River is the receiving water for all flow discharged from the POTWs.

PROGRAM UPDATE

The District as the Administrative Lead for the DCWA has diligently performed pretreatment activities as required by Permit during 2015. During 2015, there were four SIUs, discharging to the SCTP, three located within the District and one located within the City of Battle Ground. Three SIU's discharged to SCTP through the District sanitary sewer system and DCWA transmission system. All three SIU's located in the District are Categorical CIUs, one 40 CFR 433 Metal Finishing and two 40 CFR 469 Electrical and Electronics Components. One SIU is located in City of Battle Ground and discharges to SCTP through the Battle Ground sanitary sewer system and the DCWA transmission system. All four of the SIUs were sampled by the District and inspected once during 2015. Copies of all analytical results and inspection reports were forwarded to Ecology for review.

INDUSTRIAL USER SURVEYS

Industries that may require wastewater discharge permits are identified through submittal review of Commercial/Industrial Pretreatment Application surveys. Surveys are submitted to the District and the City of Battle Ground as part of the development review process and are reviewed by staff. No new potential SIU's were found during 2015 in any of the jurisdictions.

PRIORITIES AND ACCOMPLISHMENTS FOR REPORTING YEAR

Public Education and Outreach

The District participated in multiple public education and outreach opportunities throughout 2015. Public education and outreach efforts include newsletter distribution, Freeze the Grease program, online outreach and community events. The newsletter has continued outreach efforts focusing on pollution prevention habits that are formed at home. Distribution of "Freeze the Grease" kits to District customers was continued as part of an educational program encouraging people to keep grease and non-dispersible materials out of their home laterals. District staff attended several community events to discuss residential discharge issues with the public and distribute information. A program called "Sewer Smart" was implemented during 2015. The Sewer Smart program encourages users to be mindful of the discharge of FOGG, non-dispersible material, and other topics related to pollution prevention. A coloring book that features the three Sewer Smart characters: Reggie the Rag Ball, Frog and FOGG was produced. The coloring book is intended to educate users about the treatment system and discourages users from flushing wipes, rags and other non-dispersible material into the sewer system.

The Sewer Smart Logo

Fats, Oils, Grease and Grit (FOGG) Program

The District continued its implementation of the FOGG program for control of FOGG discharged to the sanitary sewer system. During 2015, the District purchased program monitoring software to integrate with the District cMMS. The Lucity FOG module effectively tracks and manages the FOG inspection data. The software allows the District staff to efficiently monitor Food Service Establishments (FSE) ensuring that all FOGG related devices are maintained properly. A new FSE survey was developed in 2015. See Appendix C to view the new survey form. In past years FSE had been required to complete the same form as the commercial and industrial users. The District has created a new survey form to increase the level of data received from a new or existing user. Once the survey form is completed, the information provided will be entered into the Lucity Database. In 2015, a FSE survey was conducted for the City of Battle Ground. The new survey form was mailed to all FSE in the Battle Ground city limits. An FSE survey effort will be conducted for the central are users in 2016. The District conducted 420 FOGG inspections in 2015. 45 re-inspections were required due to failure to meet District standards, a 10.7% re-inspection rate. Pretreatment staff has worked diligently with all FSE to promote good practices to achieve compliance status. A new Interlocal Agreement was entered into by the City of Battleground and the District for pretreatment services related to the FOGG program.

	2014	**2015**
Total FOG Inspections	629	**420**
Re-Inspections	105	**45**
Re-Inspection Rate (%)	16.8	**10.7**

Corrosion Control

Multiple corrosion and odor control measures are being explored by the District with the intent to determine which measures perform best under specific conditions. The District has invested in equipment including storage tanks, pumps, and Hydrogen Sulfide (H_2S) detection monitors which are deployed to monitor concentrations of air phase H_2S for control of chemical feed rates at select pump stations. In 2015 the District purchased two new OdaLog RTx units, compact portable wireless gas data-loggers, which are capable of transmitting data twice per day, allowing for improved chemical feed rate control.

Regional Coordination and Training

In 2015 the District was active in the Oregon Association of Clean Water Agencies (ACWA) Pretreatment subcommittee through the ACWA Pretreatment Committee. Pretreatment staff attended the 2015 National Association of Clean Water Agencies (NACWA) National Pretreatment and Pollution Prevention conference in Greensville, NC. The Pacific Northwest Source Control Training Associations 2015 Pretreatment Workshop held in Vancouver, WA was attended by the District Pretreatment Coordinator. The District staff participated in the Planning Committee for this workshop. The Pretreatment Coordinator also participated in the Local Interagency Networking Cooperative (LINC). Finally, the Pretreatment Coordinator has participated as a planning member for the Source Control Section of the Water Environment Foundations annual Short School in 2015.

GOALS FOR 2016

Listed below are the pretreatment program goals for 2016:

1. To continue to actively participate in the Local Interagency Networking Cooperative (LINC).
2. Update procedures and implement changes to the pretreatment program as needed.
3. Continue public outreach activities.
4. Conduct a FSE survey for the Central service Area. Continue population of FSE updated information in the Lucity FOG module database.
5. Continue to work with partner agencies to advance Public Health and environmental programs in Clark County.
6. To keep abreast of changes of regulations and industrial processes.

PROGRAM RESOURCES

PRETREATMENT STAFFING RESOURCES

1 – Pretreatment Coordinator
1 – FOG Inspector (0.5 FTE)

The Pretreatment Coordinator is responsible for administration and all activities listed under the program requirements with oversight from the District Engineer. The FOG Inspector works partially under the supervision of the Pretreatment Coordinator and performs inspections, sampling, data entry and other FOG Program related duties as assigned. The engineering department has additional support staff such as the GIS staff, development review staff, and administrative staff. The District currently utilizes contract laboratories in the area for analysis of treatment plant and industrial monitoring conducted throughout the year.

PRETREATMENT EQUIPMENT INVENTORY

1	Oakton pH Meter
1	Myron L Ultra Pen PT2 pH and Temp Meter
1	Myron L Ultra Pen PT5 Dissolved Oxygen Meter
1	Sigma 900 Portable Sampler w/Accessories
2	Sigma 950 Area Velocity Flow Meter
1	1999 Chevrolet Astro Van
1	American Sigma Composite Sampler
5	OdaLog L2
4	OdaLog RTX

Influent and Effluent Pollutant Monitoring

DCWA, in accordance with the SCTP NPDES Permit, monitors the influent and effluent for priority pollutants. The monitoring results indicate that pollutants are present in non-inhibitory concentrations or are non-detectable in the influent and effluent. Of the volatile organic pollutants monitored in 2015, only Toluene was reported in levels above the reporting levels for the influent sample. Toluene concentrations were well below inhibitory levels. There were no effluent volatile organic pollutants reported above reporting levels in 2015.

Volatile Organic Compounds per EPA Methods 624/5035/8260B								
CAS ID#	*Parameter*	INF Sampled: 9/23/15			EFF Sampled: 9/23/15			Percent Removal
		Results in ug/L						
		INF	MDL	Q	EFF	MDL	Q	
108-88-3	**Toluene**	**1.55**	**1.00**		ND	0.50		NA

The table below lists conventional pollutants analyzed during the annual sampling event.

Conventional Pollutants								
CAS ID#	*Parameter*	INF Sampled: 9/23/15			EFF Sampled: 9/23/15			Percent Removal
		Results in mg/L						
		INF	MDL	Q	EFF	MDL	Q	
68153-81-1	Oil and Grease (total)	**25.3**			ND	4.76		NA
18496-25-8	Sulfides, Total	**0.26**			ND	0.006		NA
57-12-5	Cyanide	ND	0.0050		ND	0.0050		NA
7664-36-0	Ammonia	**30.3**			**0.259**			**99%**
7440-42-8	Boron	**0.24**			**0.220**			**8%**
16887-00-6	Chloride	**35**			**43**			**-23%**
16984-48-8	Fluoride	ND	0.10		ND	1.000		NA
7440-70-2	Calcium	**28**			**29.0**			**-4%**
7439-95-4	Magnesium	**10**			**8.0**			**20%**
	Hardness	**112**			**107**			**4%**
14797-55-8	Nitrate-N	ND	0.250		**20.6**			NA
14808-79-8	Sulfate	**16.6**			**22.5**			**-36%**
	TDS	**332**			**360**			**-8%**
	TIN	**30.550**			**20.859**			**32%**
7723-14-0	TP	**4.7**			**2.04**			**57%**
64743-03-9	Phenolics	**0.082**			ND	0.0050		NA
	Salinity	**15.7**			**11.9**			**24%**

The table below lists the Tentatively Identified Compounds (TIC) found. TICs were only found to be present in the influent sample; there were none found in the effluent sample.

Tentatively Identified Compounds			
Parameter	INF Sampled: 9/23/15		
	Results in ug/L		
	INF	MDL	Q
Acetone	**32**	**NA**	
Disulfide, dimethyl	**1.7**	NA	
Isopropyl alcohol	**10**	NA	

Influent and Effluent Metals Monitoring

DCWA, in accordance with the SCTP Permit, monitors the influent and effluent for metals quarterly. SCTP staff monitors the Biosolids for metals quarterly. All metal concentrations were found to be below inhibition levels. ND indicates that the parameter was reported to be Non-Detectable by analytical method. If either sample location reported an ND, the percent removal for that parameter is represented as Not Applicable (NA)

Total Metals per EPA 200 series									
1st Quarter 2015									
CAS ID#	Influent Sampled: 3/11/15				Effluent Sampled: 3/11/15				Percent Removal
	Results in mg/L								
	Parameter	INF	MDL	Q	*Parameter*	EFF	MDL	Q	
7440-36-0	Antimony	ND	0.0050		Antimony	0.0025	0.0025		NA
7440-38-2	Arsenic	ND	0.0050		Arsenic	**0.0015**			NA
7440-41-7	Beryllium	ND	0.0010		Beryllium	0.0005	0.0005		NA
7440-43-9	Cadmium	ND	0.0010		Cadmium	0.0005	0.0005		NA
7440-47-3	Chromium	ND	0.0050		Chromium	0.0025	0.0025		NA
7440-50-8	Copper	**0.1130**			Copper	**0.0350**			**69%**
7439-92-1	Lead	**0.0018**			Lead	**0.0002**			**89%**
7439-98-7	Molybdenum	ND	0.0050		Molybdenum	0.0025	0.0025		NA
7440-02-0	Nickel	ND	0.0050		Nickel	**0.0013**			NA
7782-49-2	Selenium	ND	0.0100		Selenium	0.0050	0.0050		NA
7440-22-4	Silver	ND	0.0010		Silver	0.0005	0.0005		NA
7440-28-0	Thallium	ND	0.0010		Thallium	0.0005	0.0005		NA
7440-66-6	Zinc	**0.1680**			Zinc	**0.0428**			**75%**

Total Metals per EPA 200 series / HG per EPA 1631E									
2nd Quarter 2015									
CAS ID#	Influent Sampled: 5/27/15				Effluent Sampled: 5/28/15				Percent Removal
	Results in mg/L								
	Parameter	INF	MDL	Q	*Parameter*	EFF	MDL	Q	
7440-36-0	Antimony	ND	0.0020	R04	Antimony	ND	0.0010		NA
7440-38-2	Arsenic	ND	0.0020	R04	Arsenic	**0.00139**			NA
7440-41-7	Beryllium	ND	0.0004	R04	Beryllium	ND	0.0002		NA
7440-43-9	Cadmium	ND	0.0004	R04	Cadmium	ND	0.0002		NA
7440-47-3	Chromium	**0.0024**			Chromium	ND	0.0010		NA
7440-50-8	Copper	**0.5910**			Copper	**0.00980**			**98%**
7439-92-1	Lead	**0.0014**			Lead	**0.00030**			**78%**
7439-98-7	Molybdenum	**0.0041**			Molybdenum	**0.00199**			**52%**
7439-97-6	Mercury	**0.00022**			Mercury	**0.0000035**			**98%**
7440-02-0	Nickel	**0.0037**			Nickel	**0.00157**			**58%**
7782-49-2	Selenium	ND	0.0020	R04	Selenium	ND	0.0010		NA
7440-22-4	Silver	**0.0007**			Silver	ND	0.0002		NA
7440-28-0	Thallium	ND	0.0002	R04	Thallium	ND	0.0002		NA
7440-66-6	Zinc	**0.1420**			Zinc	**0.04690**			**67%**

Total Metals per EPA 200 series									
3rd Quarter 2015									
CAS ID#	Influent Sampled: 9/23/15				Effluent Sampled: 9/23/15				Percent Removal
	Results in mg/L								
	Parameter	INF	MDL	Q	*Parameter*	EFF	MDL	Q	
7440-36-0	Antimony	ND	0.0020	R04	Antimony	ND	0.0010		NA
7440-38-2	Arsenic	ND	0.0020	R04	Arsenic	**0.00146**			NA
7440-41-7	Beryllium	ND	0.0004	R04	Beryllium	ND	0.0002		NA
7440-43-9	Cadmium	ND	0.0004	R04	Cadmium	ND	0.0005		NA
7440-47-3	Chromium	**0.00298**			Chromium	ND	0.0010		NA
7440-50-8	Copper	**0.0688**			Copper	**0.02420**			**65%**
7439-89-6	Iron	**0.2460**			Iron	**0.14400**			**41%**
7439-92-1	Lead	**0.00180**			Lead	**0.00047**			**74%**
7439-98-7	Molybdenum	**0.00871**			Molybdenum	**0.00212**	0.0025		NA
7440-02-0	Nickel	**0.00316**	0.0050		Nickel	**0.00149**			**70%**
7782-49-2	Selenium	ND	0.0100	R04	Selenium	ND	0.0010		NA
7440-22-4	Silver	**0.00071**			Silver	ND	0.0002		NA
7440-28-0	Thallium	ND	0.0010	R04	Thallium	ND	0.0002		NA
7440-66-6	Zinc	**0.1650**			Zinc	**0.04590**			**72%**

Total Metals per EPA 200 series / HG per EPA 1631E									
4th Quarter 2015									
CAS ID#	Influent Sampled: 12/16/15				Effluent Sampled: 12/16/15				Percent Removal
	Results in mg/L								
	Parameter	INF	MDL	Q	*Parameter*	EFF	MDL	Q	
7440-36-0	Antimony	ND	0.0050		Antimony	ND	0.0025		NA
7440-38-2	Arsenic	ND	0.0050		Arsenic	ND	0.0025		NA
7440-41-7	Beryllium	ND	0.0010		Beryllium	ND	0.0002		NA
7440-43-9	Cadmium	ND	0.0010		Cadmium	ND	0.0002		NA
7440-47-3	Chromium	ND	0.0050		Chromium	ND	0.0010		NA
7440-50-8	Copper	**0.06750**			Copper	**0.04240**			**37%**
7439-92-1	Lead	ND	0.0010		Lead	ND			NA
7439-98-7	Molybdenum	**0.04150**			Molybdenum	**0.00810**			**80%**
	Mercury	**0.00640**			Mercury	**0.00243**			**62%**
7440-02-0	Nickel	ND	0.0050		Nickel	**0.00118**			**76%**
7782-49-2	Selenium	ND	0.0050		Selenium	ND	0.0010		NA
7440-22-4	Silver	**0.00117**			Silver	ND	0.0002		NA
7440-28-0	Thallium	ND	0.0010		Thallium	ND	0.0002		NA
7440-66-6	Zinc	**0.12400**			Zinc	**0.03660**			**70%**

Biosolids Monitoring

In 2015 Biosolids were monitored in accordance with the SCTP NPDES permit. The monitoring results indicate that pollutants are present in non-inhibitory concentrations or are non-detectable in the Biosolids. The below chart summarizes 2015 Biosolids production.

2015 Biosolids Production	Cubic Yards	Dry Pounds	Wet Pounds
January	1,433	319,448	2,465,404
February	1,114	246,695	1,916,314
March	462	106,739	795,221
April	325	228,907	1,591,061
May	911	225,171	1,567,074
June	942	225,437	1,619,964
July	873	203,980	1,501,669
August	984	224,401	1,692,451
September	1,120	255,415	1,926,016
October	1,073	249,380	1,845,243
November	1,101	268,651	1,893,888
December	1,012	243,619	1,740,743
Total	11,950	2,797,843	20,555,049
	Tons	1,399	10,278
	Metric Ton	1,269	9,324

DRY TON BALANCE:		
From Ridgefield		80.40
Produced (no RF)		1,318.50
Total Produced		1,398.90

APPENDIX A: SIGNIFICANT INDUSTRIAL USERS

SIGNIFICANT INDUSTRIAL USERS	REPORTING QUARTER	DISTRICT INSPECTIONS	DISTRICT SAMPLING	SELF-MONITORING	LIMIT VIOLATIONS	REPORTING STATUS	Average Monthly Flow (GPD)
PRO-TECH INDUSTRIES, INC.	1	0	0	1	0	C	
14113 NE 3rd Court	2	1	1	1	0	C	
Vancouver, WA 98685	3	0	1	1	0	C	
WA Permit No. ST 6194, effective 10/1/08	4	0	0	1	0	C	
40 CFR Part 433.17							354
No exceedances or excursion from permit requirements were reported in 2015.							
nLIGHT PHOTONICS CORPORATION	1	0	1	3	0	C	
5408 NE 88th Street	2	1	0	3	0	C	
Vancouver, WA 98665	3	0	1	3	0	C	
WA Permit No. ST 6025, effective 10/1/08	4	0	0	3	0	C	
40 CFR Part 469							3614
No exceedances or excursions from permit requirements were reported in 2015.							
IMAT INC.	1	1	0	3	0	C	
12516 NE 95th Street	2	0	1	3	0	C	
Vancouver, WA 98682	3	0	1	3	0	C	
WA Permit No. ST 6162, effective 2/1/09; Mod. 4/6/09, 8/11/09	4	0	0	3	0	C	
40 CFR Part 469							911
No exceedances or excursions from permit requirements were reported in 2015.							
OLDCASTLE BUILDING ENVELOPE	1	1	1	3	2	C	
1611 SE Commerce Avenue	2	0	0	3	3	C	
Battle Ground, WA 98604	3	0	1	3	0	C	
WA Permit No. ST 6203, effective 11/30/12; Mod. 10/1/15	4	1	0	3	0	C	
							Not reported
Facility exceeded Max Daily Flow (MDF) in January, February, April, May and June due to a combination of increase in work load at facility and issues with the flow meter. These occurrences were referred to the Department of Ecology. In October 2015, the Department of Ecology issued a modification to their permit MDF increased from 20,000 to 50,000. No further permit excursions since the permit revision. The facility exceeded 300 mg/L permit limit for Total Suspended Solids in October (360 mg/L) and November (2200 mg/L). Increased workload likely forced collection pit water though the emergency overflow line resulting in some solids settled in discharge line. The facility will be upgrading their system in 2016 to include a filter press. These occurrences were referred to the Department of Ecology.							

C = Compliance; NC = Noncompliance; SNC = Significant Noncompliance; NSCIU = Non-Significant Categorical Industrial User

APPENDIX B: MINOR INDUSTRIAL USERS

MINOR INDUSTRIAL USERS	REPORTING QUARTER	DISTRICT INSPECTIONS	DISTRICT SAMPLING	SELF-MONITORING	LIMIT VIOLATIONS	REPORTING QUARTER STATUS	
WASTE CONNECTIONS	1	0	0	1	0	C	
9411 NE 94th Avenue	2	0	0	1	0	C	
Vancouver, WA 98662	3	1	0	1	0	C	
MIU Letter of Discharge (LOD) 3-2010 expires March 31, 2015	4	0	0	1	0	C	

The District renewed a Letter of Discharge to Waste Connections in 2012 for their wash area. The Waste Connections wash pad is used to clean garbage trucks and receptacles. The permit requires them to sample and analyze wastewater from the wash pad in order to characterize the wastewater. They are required to maintain a pH of 6.0 - 9.0 and report results of monitoring for pollutants found in Appendix D of 40 CFR 122 Tables II and III annually and utilize approved Best Management Practices during washing events. Waste Connections completed all required self-monitoring during 2015.

LAPEL SOLUTIONS	1	0	0	3	0	C	
11304 NE 66th St	2	1	0	3	0	C	
Vancouver, WA 98662	3	0	0	3	0	C	
MIU Letter of Discharge (LOD) 2-2014 expires March 31, 2015	4	0	0	3	0	C	

The District issued a Letter of Discharge to Lapel Solutions in 2014 for the discharge of industrial process wastewater. The permit requires the monitoring and reporting of pH and flow monthly. They are also required to conduct waste characterization sampling before the end of the permit cycle. Their pH limit is 6.0 – 9.0. They are required to develop a Spill Prevention and Response Plan.

C = Compliance; NC = Noncompliance; SNC = Significant Noncompliance; NSCIU = Non-Significant Categorical Industrial User

APPENDIX C: FSE SURVEY FORM

CLARK REGIONAL WASTEWATER DISTRICT

FOOD SERVICE ESTABLISHMENT GREASE REMOVAL DEVICE SURVEY

Please see directions for completing this form on the reverse side.

1. Facility Name: _____
2. Facility Contact: _____
3. Mailing/Billing Address: _____
4. Contact Telephone Number: _____ 5. Facility Telephone Number: _____
6. Email Address: _____
7. Facility Address: _____
8. Establishment Type:

☐	Bakery	☐	Daycare	☐	School Cafeteria
☐	Brewery	☐	Fast Food	☐	Sports Grill
☐	Coffeehouse	☐	Grocery	☐	Steakhouse
☐	Commercial Cafeteria	☐	Hotel	☐	Winery
☐	Convenience Store	☐	Pizzeria		
☐	Corporate Cafeteria	☐	Restaurant		

9. Hours of Operation: _____ 10. Seating Capacity: _____
11. Meals Served: Breakfast ☐ Lunch ☐ Dinner ☐ Lounge ☐ 12. Number of Meals Served Per Day: _____
13. Is There Food Preparation on the Premises: Yes ☐ No ☐ If No, skip to bottom of page, sign and submit.
14. Food Type (Check all that apply):

☐	Asian	☐	Ice Cream	☐	Pizza	☐	Southern
☐	Barbecue	☐	Italian	☐	Sandwich/Soup	☐	Western
☐	Burgers	☐	Mexican	☐	Seafood	☐	
☐	Doughnuts/Pastries	☐	Middle Eastern	☐	Smoothies	☐	
☐	Other:						

15. Number of Fixtures:

☐	Deep Fryers	☐	Tilt Kettles	☐	3-Compartment Sinks	☐	Floor Sinks
☐	Grills	☐	Wok Ranges	☐	Dishwashers	☐	Low Temp Sanitizer
☐	Ovens	☐	1-Compartment Sinks	☐	Garbage Disposals	☐	Pre-Wash Sinks
☐	Stove	☐	2-Compartment Sinks	☐	Floor Drains	☐	Mop Sinks
☐	Other:						

16. Grease Removal Device (GRD) Location/Type (Include additional devices in blank boxes):

Location	Size	Manufacturer / Model (if unknown, leave blank)
Exterior Grease Inceptor	☐Gal ☐ lb. ☐ gpm	
Interior Under Sink Trap	☐Gal ☐ lb. ☐ gpm	
Interior Floor Trap	☐Gal ☐ lb. ☐ gpm	
	☐Gal ☐ lb. ☐ gpm	
	☐Gal ☐ lb. ☐ gpm	

17. GRD Cleaning Frequency (How often do you clean the GRD?):

☐	Daily	☐	Bi-Weekly	☐	Weekly
☐	Monthly	☐	Quarterly	☐	Annually

18. Who Cleans GRD? ☐ Self ☐ Vendor/Contractor 19. Date of Last Cleaning: _____
20. GRD Service Company: _____
21. Yellow/Fryer Grease Rendering Container on Site? Yes ☐ No ☐
22. Yellow/Fryer Grease Rendering Company: _____

I, _____ certify that to the best of my knowledge the above information is correct

(Print Name and Title)

_____ _____

(Signature) *(Date)*

APPENDIX D: SIGNATORY AUTHORITY LETTER

PUBLIC WORKS

proud past, promising future

CLARK COUNTY
WASHINGTON

1300 Franklin Street • P.O. Box 9810 • Vancouver, WA 98666-9810 • tel: [360] 397-6118 • fax: [360] 397-6051 • www.clark.wa.gov

February 3, 2015

David Knight, P.E.
Environmental Engineer
State of Washington
Department of Ecology
PO Box 47775
Olympia, WA 98504-7775

Dear Mr. Knight:

RE: Signatory Authority – Industrial Pretreatment Reports
Salmon Creek Wastewater Treatment Plant (SCWWTP)

The Clark Regional Wastewater District is under contract with Clark County Public Works to provide industrial pretreatment services for flows entering the Salmon Creek Wastewater Treatment Plant. As such, I am giving signatory authority to CRWD's representative, Andria Swann, to sign the required industrial pretreatment reports for the SCWWTP.

If you have any questions or concerns regarding this, please contact me at (360) 397-6118, extension 4358.

Sincerely,

Heath H. Henderson, P.E.
Public Works Director/County Engineer

C: Kay Hust, Salmon Creek Wastewater Treatment Plant
Andria Swann, CRWD