



2016

Clark Regional Wastewater District Pretreatment Report



Salmon Creek Treatment Plant at Sunset



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Transmittal Cover

Project: 2016 Pretreatment Annual Report
 Industrial Pretreatment
Date: January 26, 2017

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:

2016 Annual Pretreatment Report

MESSAGE:

Enclosed please find our 2016 Annual Pretreatment Report. The report describes the Clark Regional Wastewater District's Pretreatment Program for the Salmon Creek Treatment Plant activities during the 2016 reporting period of January 1, 2016 through December 31, 2016.

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

C: File
 Robin Krause, District Engineer
 Bryan Cast, City of Ridgefield



Updated 1/26/2017

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COVER SHEET

NPDES Permit Holder: Clark County Department of Public Works
Period Covered by this Report: January 1, 2016 to December 31, 2016
Report Date: February 15, 2017

NAME OF WASTEWATER TREATMENT PLANT

NPDES PERMIT #

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

WA – 002363-9

Person to contact concerning information in this report:

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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

1/19/2017
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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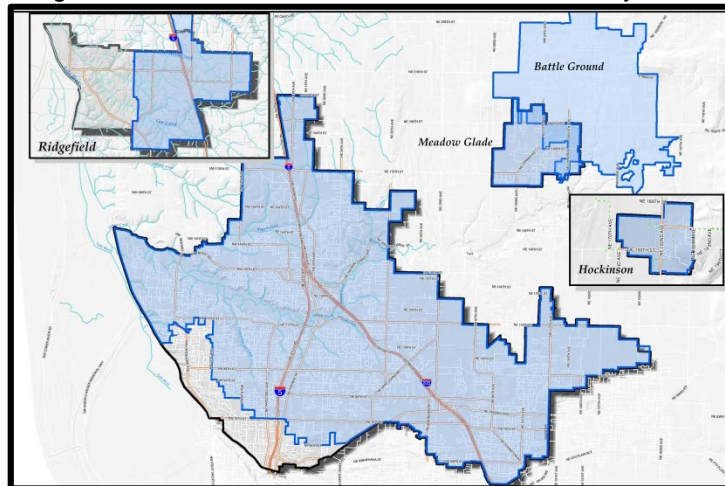
PROGRAM SUMMARY

INTRODUCTION

The National Pollutant Discharge Elimination Permit (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. 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 (Alliance) 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 (SCTP) and transmission infrastructure to the Alliance was effective as of January 1, 2015.

As the Administrative Lead, District responsibilities include the management of the Pretreatment Program by acting as a local regulatory presence on behalf of the Alliance 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 SCTP while also enhancing the environment. The District performs inspections and monitoring activities on four (4) significant industrial users (SIUs) and four (4) minor industrial users (MIUs). Continuous surveying of new businesses is conducted throughout the year. In 2016, the SCTP was monitored in accordance with permit requirements set forth in the Permit. The summary of these activities is outlined below.

Figure 1 – Salmon Creek Treatment Plant Tributary Areas



The map depicts areas discharging into the SCTP through the District sewage conveyance system and Alliance transmission system. The Columbia River is the receiving water for all flow discharged from the Publicly Owned Treatment Works.

PROGRAM UPDATE

The District has diligently performed pretreatment activities as required by Permit during 2016. Early in the year, Phase 1 of the Discovery Corridor Wastewater Transmission System (DCWTS) was placed into operation. This project includes a new wastewater conveyance pipeline to connect the City of Ridgefield's Interstate 5 Junction area to the Salmon Creek Wastewater Management System (SCWMS).

During 2016, 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 Alliance transmission system. All three SIU's located in the District are categorical industrial users, 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 Alliance transmission system. This SIU has been classified as an SIU due to significant non-compliance in previous years. All four of the SIUs were monitored by the District during 2016. Copies of all analytical results and inspection reports were forwarded to Ecology for review.

ADMINISTRATIVE ENFORCEMENT

In 2016, two Notice of Violations (NOV) were issued to two industrial users. In September 2016, Bi-O-Kleen Industries, Inc. was issued an NOV after it was determined that this industry violated the local wastewater pretreatment regulations, District Code Chapter 5.52, particularly DC 5.52.050(B)(19). In October 2016, Diversified Welding Works Inc. was issued an NOV after it was determined that this industry violated pretreatment regulations, DC 5.52.050(B)(3). NOV documents were forwarded to Ecology for review. Both facilities will be monitored as MIU.

LOCAL LIMIT EVALUATION

The evaluation of Maximum Allowable Headworks Loading (MAHL) in general metals, were similar to previous years. This consisted of a comparison of actual headworks loading to MAHL's developed in the SCTP Local Limit Technical Evaluation. Biosolids concentrations of all metals remain well below the standards for Class B Biosolids land application programs. SCTP has not experienced inhibition or pass through from industrial sources.

INDUSTRIAL USER SURVEY

Industries that may require wastewater discharge permits are identified through 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.

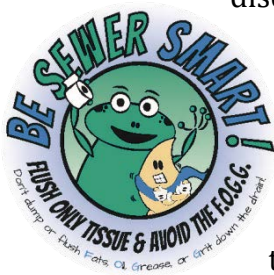
If an industrial/commercial user is identified as a potential significant industrial user they are given a "Pretreatment Application" form to complete. In 2016, two industries were given this form for completion. One was ICD High Performance Coatings, located in Ridgefield, WA., an industry that manufactures silicone resin and colorants. This industry does not meet

categorical standards and therefore does not need to be permitted by the Department of Ecology as an SIU. This facility has not connected to sewer at this time; at the time a decision is made to connect to sewer the user will be monitored as an MIU for an interim period. The second one was Bakken Industries, Inc. (General Glass), a glass manufacturer. This industry does not meet categorical standards. This facility will be monitored as an MIU in 2017, once construction is completed. No new SIU’s were found during 2016 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 2016. 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. The program encourages people to keep grease and non-dispersible materials out of their home laterals. District staff attended several community events to discuss residential



The Sewer Smart Logo

discharge issues with the public and distribute information. A program called “Sewer Smart” was continued during 2016. 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 continues to be distributed. The coloring book is intended to educate a younger audience of users about the treatment system and discourages users from flushing wipes, rags and other non-dispersible material into the sewer system.

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. Food Service Establishment survey efforts were continued in 2016. The District conducted 379 FOGG inspections in 2016. 71 re-inspections were required due to failure to meet District standards, an 18.7% re-inspection rate. Pretreatment staff has worked diligently with all FSE to promote good practices to achieve compliance status. In 2016, an increased re-inspection rate was experienced. This upsurge was likely driven by the increased use of CCTV to supplement the FOGG program. FOGG ‘hotspots’ identified by maintenance staff were closely monitored throughout the year which required additional device clean outs for users contributing to the hot spot which subsequently increased the re-inspection rate.

	2015	2016
Total FOGG Inspections	420	379
Re-Inspections	45	71
Re-Inspection Rate (%)	10.7	18.7

Corrosion & Odor Control

Multiple corrosion and odor control measures are being explored by the District. The intent is to determine which measures perform best under specific conditions. The District has invested in equipment including storage tanks, pumps and Hydrogen Sulfide (H₂S) detection monitors. These units are deployed to monitor concentrations of air phase H₂S for control of chemical feed rates at select pump stations, including the District and Alliance.

Regional Coordination and Training

In 2016, the District was active in the Oregon Association of Clean Water Agencies (ACWA) Pretreatment subcommittee. Pretreatment staff attended the 2016 National Association of Clean Water Agencies (NACWA) National Pretreatment and Pollution Prevention Conference in Long Beach, CA. Staff also attended the Pacific Northwest Source Control Training Associations 2016 Pretreatment Workshop held in Vancouver, WA. The District staff participated as the Planning Committee chair 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 2016.

GOALS FOR 2017

Listed below are the pretreatment program goals for 2017:

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. Continue to work with partner agencies to advance Public Health and environmental programs in Clark County.
5. To keep abreast of changes of regulations and industrial processes.

PROGRAM RESOURCES

PRETREATMENT STAFFING RESOURCES

1 – Pretreatment Coordinator

The Pretreatment Coordinator is responsible for administration and all activities listed under the program requirements with oversight from the District Engineer. FOGG Inspections have been completed by the Pretreatment Coordinator in 2016. The Engineering department has additional support staff available if needed, such as the GIS staff, Development Review staff, Inspectors 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

PLANT PERFORMANCE

INFLUENT AND EFFLUENT POLLUTANT MONITORING

In accordance with the Permit, the influent and effluent is monitored for priority pollutants. The monitoring results indicate that pollutants are present in non-inhibitory concentrations or are non-detectable in the influent and effluent.

INFLUENT AND EFFLUENT METALS MONITORING

In accordance with the Permit, influent and effluent are monitored for metals quarterly. In addition, SCTP staff conduct monitoring of 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 2016									
CAS ID#	Influent Sampled: 3/08/16				Effluent Sampled: 3/09/16				Percent Removal
	Results in mg/L								
	Parameter	INF	MDL	Q	Parameter	EFF	MDL	Q	
7440-36-0	Antimony	ND	0.0050		Antimony	ND	0.0005		NA
7440-38-2	Arsenic	0.00142	0.0010		Arsenic	0.00132	0.0010		7%
7440-41-7	Beryllium	ND	0.0001		Beryllium	ND	0.0001		NA
7440-43-9	Cadmium	ND	0.0001		Cadmium	ND	0.0001		NA
7440-47-3	Chromium	0.0013	0.0010		Chromium	ND	0.0005		62%
7440-50-8	Copper	0.0726	0.0020		Copper	0.0447	0.0020		38%
7439-92-1	Lead	0.000456	0.0002		Lead	0.000211	0.0002		54%
7439-98-7	Molybdenum	0.00177	0.0010		Molybdenum	ND	0.0002		44%
7440-02-0	Nickel	0.00150	0.0010		Nickel	0.00134	0.0010		11%
7782-49-2	Selenium	ND	0.0005		Selenium	ND	0.0005		NA
7440-22-4	Silver	ND	0.0001		Silver	ND	0.0001		NA
7440-28-0	Thallium	ND	0.0001		Thallium	ND	0.0001		NA
7440-66-6	Zinc	0.0621	0.0040		Zinc	0.0399	0.0040		36%

Total Metals per EPA 200 series / HG per EPA 1631E									
2nd Quarter 2016									
CAS ID#	Influent Sampled: 5/12/16				Effluent Sampled: 5/12/16				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	0.0013	0.0010		48%
7440-41-7	Beryllium	ND	0.0004	R04	Beryllium	ND	0.0001		NA
7440-43-9	Cadmium	ND	0.0004	R04	Cadmium	ND	0.0001		NA
7440-47-3	Chromium	ND	0.0025	R04	Chromium	ND	0.0005		NA
7440-50-8	Copper	0.0817	0.0050		Copper	0.0141	0.0010		83%
7439-89-6	Iron	0.5260	0.5000		Iron	0.2020	0.1000		62%
7439-92-1	Lead	ND	0.0005	R04	Lead	0.0003	0.0002		67%

7439-98-7	Molybdenum	ND	0.0025	R04	Molybdenum	0.00426	0.0010		70%
7439-97-6	Mercury	0.000126	0.0000001		Mercury	0.0000025	0.0000001		98%
7440-02-0	Nickel	ND	0.0025	R04	Nickel	0.00151	0.0010		40%
7782-49-2	Selenium	ND	0.0100	R04	Selenium	ND	0.0020		NA
7440-22-4	Silver	ND	0.0010	R04	Silver	ND	0.0001		NA
7440-28-0	Thallium	ND	0.0010	R04	Thallium	ND	0.0001		NA
7440-66-6	Zinc	0.0867	0.0200	R04	Zinc	0.0421	0.0040		51%

Total Metals per EPA 200 series									
3rd Quarter 2016									
CAS ID#	Influent Sampled: 8/09/16				Effluent Sampled: 8/09/16				Percent Removal
	Results in mg/L								
	Parameter	INF	MDL	Q	Parameter	EFF	MDL	Q	
7440-36-0	Antimony	ND	0.0005		Antimony	ND	0.0005		NA
7440-38-2	Arsenic	0.00177	0.0010		Arsenic	0.00173	0.0010		2%
7440-41-7	Beryllium	ND	0.0001		Beryllium	ND	0.0005		NA
7440-43-9	Cadmium	ND	0.0001		Cadmium	ND	0.0005		NA
7440-47-3	Chromium	0.00161	0.0010		Chromium	0.0010	0.0010		38%
7440-50-8	Copper	0.0275	0.0010		Copper	0.0094	0.0010		66%
7439-92-1	Lead	0.000678	0.0002		Lead	0.000833	0.0002		NA
7439-98-7	Molybdenum	0.00260	0.0010		Molybdenum	0.00214	0.0010		18%
7440-02-0	Nickel	0.00186	0.0010		Nickel	0.00159	0.0010		15%
7782-49-2	Selenium	ND	0.0100		Selenium	ND	0.0010		NA
7440-22-4	Silver	ND	0.0001		Silver	ND	0.0001		NA
7440-28-0	Thallium	ND	0.0001		Thallium	ND	0.0001		NA
7440-66-6	Zinc	0.0656	0.0040		Zinc	0.0432	0.0040		34%


Total Metals per EPA 200 series / HG per EPA 1631E									
4th Quarter 2016									
CAS ID#	Influent Sampled: 11/17/16				Effluent Sampled: 11/17/16				Percent Removal
	Results in mg/L								
	Parameter	INF	MDL	Q	Parameter	EFF	MDL	Q	
7440-36-0	Antimony	ND	0.0010		Antimony	ND	0.0005		NA
7440-38-2	Arsenic	0.1470	0.0010		Arsenic	0.00129	0.0010		99%
7440-41-7	Beryllium	ND	0.0001		Beryllium	ND	0.0002		NA
7440-43-9	Cadmium	ND	0.0001		Cadmium	ND	0.0002		NA
7440-47-3	Chromium	0.00202	0.0005	Q-42	Chromium	ND	0.0010		NA
7440-50-8	Copper	0.2260	0.0010		Copper	0.0314	0.0010		86%
7439-92-1	Lead	0.00633	0.0002		Lead	ND	0.0001		NA
7439-98-7	Molybdenum	0.0011	0.0010	Q-42	Molybdenum	ND	0.0005		84%
	Mercury	0.000047	0.00001		Mercury	ND	0.0000005		99%
7440-02-0	Nickel	0.00286	0.0010	Q-42	Nickel	0.00141	0.0010		76%
7782-49-2	Selenium	ND	0.0005	Q-42	Selenium	ND	0.0005		NA
7440-22-4	Silver	0.000411	0.0001	Q-42	Silver	ND	0.0001		NA
7440-28-0	Thallium	ND	0.0001		Thallium	ND	0.0001		NA
7440-66-6	Zinc	0.0820	0.0040		Zinc	0.0395	0.0040		70%

Biosolids Monitoring

In 2016, Biosolids were monitored in accordance with the Permit. The monitoring results indicate that pollutants are present in non-inhibitory concentrations or are non-detectable in the Biosolids. 1,475.9 dry tons were produced exclusively by the SCTP with an additional 21.07 dry tons contributed by the Ridgefield treatment plant. The below chart summarizes 2016 Biosolids production.


2016 Biosolids Production	Cubic Yards	Dry Pounds	Wet Pounds
January	1041	241,853	1,790,140
February	866	206,591	1,489,736
March	902	234,479	1,551,331
April	913	226,175	1,569,653
May	1,052	255,582	1,809,329
June	1,107	264,505	1,904,668
July	1,041	242,843	1,790,953
August	948	232,445	1,943,286
September	1,288	298,764	1,630,161
October	1,288	298,764	2,215,697
November	1,028	257,343	1,768,778
December	993	256,923	1,707,915
Total	12,309.10	2,994,001	21,171,648
	Tons	1,497	10,586
	Metric Ton	1,358	9,603
DRY TON BALANCE:			
From Ridgefield			21.07
Produced (no RF)			1,475.9
Total Produced			1,497.0

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	1	C	
WA Permit No. ST 6194, effective 10/1/08	4	0	0	1	0	C	
40 CFR Part 433.17 Facility exceeded lower permit limit for pH in July 2016.							225
nLIGHT PHOTONICS CORPORATION	1	0	1	3	1	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 Facility exceeded permit limit for Maximum Daily Flow in February 2016.							2782
IMAT INC.	1	0	0	3	0	C	
12516 NE 95th Street	2	1	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 No exceedances or excursions from permit requirements were reported in 2016.							2344
OLD CASTLE BUILDING ENVELOPE	1	1	1	3	0	C	
1611 SE Commerce Avenue	2	0	0	3	2	C	
Battle Ground, WA 98604	3	0	1	3	1	C	
WA Permit No. ST 6203, effective 11/30/12; Mod. 10/1/15	4	1	0	3	1	C	
The facility exceeded their permit limit for Total Suspended Solids in May and December of 2016. The facility exceeded flow limits in June and July of 2016.							Not reported

C = Compliance; NC = Non-compliance; SNC = Significant Non-compliance; 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	0	0	1	0	C	
MIU Letter of Discharge (LOD) 3-2015 expires March 31, 2018	4	1	0	1	0	C	
<p>The District renewed a Letter of Discharge to Waste Connections in 2015 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 2016.</p>							
LAPEL SOLUTIONS	1	0	0	3	0	C	
11304 NE 66th St	2	0	0	3	0	C	
Vancouver, WA 98662	3	0	0	3	0	C	
MIU Letter of Discharge (LOD) 4-2016 expires October 31, 2019	4	1	0	3	0	C	
<p>The District renewed a Letter of Discharge to Lapel Solutions in 2016 for the discharge of industrial process wastewater. The permit requires the monitoring and reporting of pH and flow monthly. Their pH limit is 6.0 – 9.0. They have developed and submitted a Spill Prevention and Response Plan.</p>							

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



APPENDIX C: FSE SURVEY FORM



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 <small>(if unknown, leave blank)</small>
Exterior Grease Inceptor	<input type="checkbox"/> Gal <input type="checkbox"/> lb. <input type="checkbox"/> gpm	
Interior Under Sink Trap	<input type="checkbox"/> Gal <input type="checkbox"/> lb. <input type="checkbox"/> gpm	
Interior Floor Trap	<input type="checkbox"/> Gal <input type="checkbox"/> lb. <input type="checkbox"/> gpm	
	<input type="checkbox"/> Gal <input type="checkbox"/> lb. <input type="checkbox"/> gpm	
	<input type="checkbox"/> Gal <input type="checkbox"/> lb. <input type="checkbox"/> 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



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CLARK COUNTY
WASHINGTON

PUBLIC WORKS

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