



City of Yakima

Annual Pretreatment Report

2015

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ACRONYM GLOSSARY

BOD	<u>Biochemical Oxygen Demand</u> – The quantity of Oxygen utilized in the biological and chemical oxidation reaction of organic matter under standard laboratory procedures in five (5) days at 20° C (68° F) expressed either as total mass or mass concentration per unit volume.
CA	<u>Controlled Atmosphere</u> – a type of facility used to maintain consistent temperature, pressure, and humidity conditions for long term storage of fruits, vegetables, and perishable products.
DPA	<u>Diphenylamine</u> –anti-oxidant, often coupled with TBZ, used in the drenching process to prevent brown scald in fruit.
FOG	<u>Fats Oils and Grease</u> – relatively non-volatile hydrocarbons, vegetable oils, animal fats, waxes, soaps, greases, and other polar material.
HEM	<u>n-Hexane Extractable Material</u> – substance consisting of non-volatile hydrocarbons, vegetable oils, animal fats, waxes, soaps, greases, biological lipids, and related materials that can be extracted from solution using n-Hexane as a solvent.
MDL	<u>Minimum Detection Limit</u> – The lowest level at which an analyte can be detected with 99% confidence that the analyte concentration is greater than zero.
ND	<u>Not Detected</u>
SGT-HEM	<u>Silica Gel Treated n-Hexane Extractable Metal</u> – Components of HEM that are not absorbed by silica gel, i.e. non-polar material
(T)	<u>Total</u>
TBD	<u>To Be Determined</u>
TBZ	<u>Thiobenzadole</u> – fungicide toxic to aquatic life used to reduce post-harvest decay of apples. Used in the drenching process and with wax coating.
TKN	<u>Total Kjendahl Nitrogen</u> – organic and reduced Nitrogen, Ammonia, (NH ³), Ammonium (NH ₄ ⁺) present in soil, water, or wastewater
TSS	<u>Total Suspended Solids</u> – particulate matter suspended in a fluid
mg/L	<u>Milligrams per Liter</u> – measure of mass concentration per unit volume (density) representing 10 ⁻³ grams per Liter
ug/L	<u>Micrograms per Liter</u> – measure of mass concentration per unit volume (density) representing 10 ⁻⁶ grams per Liter
ng/L	<u>Nanograms per Liter</u> – measure of mass concentration per unit volume (density) representing 10 ⁻⁹ grams per Liter

EXHIBITS

- Exhibit A** Pretreatment Newsletter
- Exhibit B** Authorization to Discharge (Temporary Permits)
- Nob Hill Water Association
 - Tidrick's Quality Transmissions
 - Central Mechanical Services
 - IO Environmental & Infrastructure, Inc.
- Exhibit C** SIU Non-Domestic Inventory & Sampling Results
- Exhibit D** MIU Non-Domestic Inventory & Sampling Results
- Exhibit E** Commercial and Residential Sampling Results
- Exhibit F** Publication of Industrial Users in Significant Non-Compliance
- Exhibit G** Wastewater Results of Yakima Regional Wastewater Treatment Plant
- Quarterly Priority Pollutants Testing.
 - Organic Priority Pollutants Testing
 - Priority Pollutants Percent Removal Rates
 - Influent and Effluent Metals Summary Tables
 - Biosolids Priority Pollutants Summary Tables
- Exhibit H** Whole Effluent Testing (WET)
- Exhibit I** City of Union Gap Sampling Results
- Exhibit J** Terrace Heights Sewer District Sampling Results
- Exhibit K** Special Agreement Pretreatment Annual Reports
- City of Union Gap Annual Pretreatment Report
 - Terrace Height Sewer District/City of Moxee Annual Pretreatment Report

Introduction

The City of Yakima's (City) National Pollutant Discharge Elimination (NPDES) Permit No. WA-002402-3 as issued by the Department of Ecology (Ecology), states as a condition of the permit under § S6.A.4, that the City shall provide Ecology with an annual pretreatment report of its fully delegated Pretreatment Program no later than April 15th of each year to briefly describe its program activities during the previous calendar year.

The City enforces Federal, State and local limits on discharges to the publicly owned treatment works (POTW) through the fully delegated Pretreatment Program, the more stringent being defined as Pretreatment Standards under § 307 (d) of the Clean Water Act. The City performs inspections and monitoring activities on 28 significant industrial users (SIUs) and over 486 minor industrial users (MIUs). A thorough inspection and monitoring of each SIU shall be conducted at least annually.

Sewer Use Ordinance and Special Agreement Changes

There were no Sewer Use Ordinance or Special Agreement changes in 2015.

Local Limits

There were no changes to the local limits in 2015. The City performs annual local limit reviews as a quick check for any obvious signs that local limits may not be adequately protective of its treatment works, its workers, and the environment from the effects of interference and pass through.

Staffing and Funding of the Pretreatment Program

There were no changes to the funding or number of employees in 2015. The Pretreatment Supervisor, however, stepped down in the final quarter of the year and was replaced in November. The City intends to continue to provide adequate funding for staffing, capital equipment, and supplies for Pretreatment in 2016.

<u>Job Title</u>	<u>Number of Full Time Equivalents</u>
Pretreatment Supervisor	1
Environmental Compliance Specialist	1
Pretreatment Crew Leader	2
Pretreatment Technician	3

Industrial (IW) Surveys

In accordance with 40 CFR 403.8 (f)(2)(i), the City of Yakima is identifying and locating all possible industrial users which might be subject to the Pretreatment Program. Preliminary industrial waste (IW) surveys are submitted to each business with their business license application or renewal in the Codes Department. Business owners can also obtain or fill out IW Surveys by going to the City's website. Upon receipt of the completed IW survey in the pretreatment office, the business is added onto a spreadsheet and tracked. An initial review of the IW survey is made to determine whether this business is of "concern" to the City's POTW. If the IW survey is designated as a "no concern" there is no further follow-up. An inspection and possible testing are used to determine whether to add the industrial user to the Pretreatment Program.

Information sources for Industrial Wastewater Surveys include: internet and telephone books searches for target industries, business licenses, Yakima Business Newspaper, building permits, word of mouth, and drive by observations.

Notification of the Promulgated Pretreatment and / or Local Standards

SIUs are notified of any changes to the Pretreatment Standards including the proposed local limits through newspaper Public Notice, written notification, telephone conversations, and during inspections.

MIUs are notified of changes to Pretreatment Standards including the proposed local limits through newspaper Public Notice, written notification, telephone conversations, and during inspections.

The newsletter includes Operation and Maintenance Manual update and review reminders, Spill/Slugload Plan update reminders, self-monitoring requirements, rate information, and discharge monitoring report requirements as well as any upgrades and projects at the POTW.

A copy of the 2015 Pretreatment Newsletter sent to all SIUs is included as ***Exhibit A***.

Authorization to Discharge Temporary Permits

Temporary discharges, such as groundwater clean-up, require an "Authorization to Discharge". The City issued the following temporary 'Authorization to Discharge' permits during 2015.

Nob Hill Water Association (Dave England) was issued an Authorization to Discharge (effective January 1, 2015 – December 31, 2016) to batch discharge potable water used to flush dead ends or new mains at various locations throughout the Nob Hill Water system as well as routine flushing of existing main lines to meet water quality requirements.

Tidrick's Quality Transmissions (Scott Garland, PLSA) was issued an Authorization to Discharge (effective July 6, 2015 – July 6, 2016) to batch discharge petroleum contaminated groundwater, subsequent to onsite treatment, from onsite wells located at 1802 S. 1st St. in Yakima WA. Authorized volumetric flow was limited to no more than 50,000 gallons per day at a rate not to at any time exceed 50 gpm.

Central Mechanical Services (Kris Ash) was issued an Authorization to Discharge (effective October 1, 2015 – October 1, 2016) to batch discharge heating and cooling system water during demolition operations at the former Mills Music business location at 316 E. Yakima Ave. in Yakima WA. Authorized total volume was limited to no more than 1,000 gallons at a flow rate not to exceed 50 gpm.

IO Environmental & Infrastructure, Inc. (Jim Decker) was issued an Authorization to Discharge (effective March 15, 2015 – December 31, 2015) to batch discharge groundwater cleanup effluent subsequent to onsite treatment at the Tiger Oil Remediation Site located at 2312 W. Nob Hill Ave in Yakima WA. Authorized volumetric flow was limited to no more than 50,000 gallons per day at a rate not to at any time exceed 50 gpm.

Copies of the Authorization to Discharge for Nob Hill Water Association, Central Mechanical, and IO Environmental & Infrastructure, Inc. have been included as **Exhibit B**.

Updated Non-Domestic Inventory

Significant Industrial Users (SIUs)

The City of Yakima considers the following types of businesses in our service area to be SIUs because of one or more of the following criteria:

1. Is subject to Federal categorical pretreatment standards
2. Discharges an average of 25,000 gallons per day or more of process wastewater to the POTW (excluding domestic wastewater and non-contact cooling water)
3. Contributes a process waste stream which makes up five percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant
4. Is designated as such by the City on the basis that it has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement.

The City of Yakima sampled each SIU at least once during 2015 in accordance with 40 CFR 403.8(f)(2)(v) when self-monitoring was conducted by the SIU.

If self-monitoring was not conducted by the SIU, the City of Yakima sampled the SIU at least twice in accordance with § S6.A.g. of the City's NPDES Permit. SIU sampling results for 2015 are enclosed as **Exhibit C**.

Minor Industrial Users (MIUs)

The City of Yakima considers the following types of businesses in our service area to be MIUs because of one or more of the following criteria:

1. Daily average process wastewater flows exceed 5,000 gallons per day, but not more than 25,000 gallons per day (excluding domestic wastewater and non-contact cooling water)
2. Maximum daily discharge volume which exceeds one percent of the average dry weather hydraulic or organic capacity of the POTW
3. Is otherwise deemed by the City to be categorized as a MIU

Businesses that are classified as an MIU include food service establishments, automotive facilities, dental and medical clinics, grocery stores, laundromats, schools, jails, assisted living facilities, as well as miscellaneous businesses deemed by the City as having the potential to cause interference or pass-through at the POTW. MIU sampling results for 2015 are enclosed as *Exhibit D*.

Industrial Wastewater Discharge Permits

The City is responsible for issuing all SIUs an industrial wastewater discharge permit. Permits issued by Ecology and delegated to the City of Yakima will be re-written and issued to the SIU by the City. Industrial wastewater discharge permits are issued for a specified time period of up to five (5) years. Wastewater discharge permits, however, may be extended at the discretion of the Wastewater Manager. Ten Industrial Wastewater Discharge Permits were issued in 2015.

Hansen Fruit Company, 10 E. Meade Avenue, Permit # CY-HF-09. The City of Yakima granted permission to Hansen Fruit Company to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. Hansen Fruit Company agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies Hansen Fruit Company as a Significant Industrial User (SIU).

Frosty Packing Company, LLC, 2820 River Road, # CY-13-20. The City of Yakima granted permission to Frosty Packing Company, LLC to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. Frosty Packing Company, LLC agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies Frosty Packing Company, LLC as a Significant Industrial User (SIU).

Frosty Packing Company, LLC, 1225 N. 28th Avenue, # CY-JF-18. The City of Yakima granted permission to Frosty Packing Company, LLC to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. Frosty Packing Company, LLC agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies Frosty Packing Company, LLC as a Significant Industrial User (SIU).

John I Haas, Inc., 1710 River Road, # CY-JH-14. The City of Yakima granted permission to John I Haas, Inc. to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. John I Haas, Inc. agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies John I Haas, Inc. as a Significant Industrial User (SIU).

Roche Fruit #46, 115 Poplar Street, Permit # CY-RF46-21. The City of Yakima granted permission to Roche Fruit #46 to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. Roche Fruit #46 agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies Roche Fruit #46 as a Significant Industrial User (SIU).

Roche Fruit #13, Ltd., 601 N. 1st Avenue, # CY-13-20. The City of Yakima granted permission to Roche Fruit #13 to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. Roche Fruit #13 agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies Roche Fruit #13 as a Significant Industrial User (SIU).

Roche Fruit #2, 402 N. 1st Avenue, # CY-WFP-03(02). The City of Yakima granted permission to Roche Fruit #2 to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. Roche Fruit #2 agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies Roche Fruit #2 as a Significant Industrial User (SIU).

Stephens Metal Products, Inc., 3209 W. Washington Avenue, # CY-SMP-28. The City of Yakima granted permission to Stephens Metal Products, Inc. to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. Stephens Metal Products, Inc. agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies Stephens Metal Products, Inc. as a Significant Industrial User (SIU).

Washington Fruit & Produce Company, 1007 River Road N, # CY-WFPRR-23. The City of Yakima granted permission to Washington Fruit & Produce Company to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. Washington Fruit & Produce Company agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies Washington Fruit & Produce Company as a Significant Industrial User (SIU).

Washington Fruit & Produce Company, N. 6th Avenue, # CY-WFPRRG-31. The City of Yakima granted permission to Washington Fruit & Produce Company to discharge to the Yakima Regional Wastewater Treatment Plant subject to certain effluent limitations and special permit conditions. Washington Fruit & Produce Company agrees to take full responsibility for complying with the existing industrial wastewater discharge permit as well as the renewed permit. Based on federal standards and the potential to upset the City's POTW the City classifies Washington Fruit & Produce Company as a Significant Industrial User (SIU).

Compliance Inspections

The City of Yakima conducted a compliance inspection on 26 of the 26 SIUs, at least once during 2015 in accordance with 40 CFR 403.8(f)(2)(v) and § S.6.A.d. of the City's NPDES Permit. All facilities are subject to random inspection. A copy of the Compliance Inspection Report was sent to each of the SIUs.

Commercial and Residential Sampling Results

The Pretreatment Program continues to conduct sanitary sewer monitoring of commercial and residential users at key locations throughout the City. This information will be used in a future detailed local limit recalculation

Results of Commercial and Residential Sampling for 2015 are enclosed as ***Exhibit E***.

Wastewater Sampling at the Treatment Plant

Special Condition S4.B. of the City of Yakima's NPDES Permit, specifies that the City submit results of wastewater sampling as specified in Special Condition S6.B. at the treatment plant. Samples were taken from influent, effluent, and biosolids. Metals and organic priority pollutant removal rates were determined for the following priority pollutants:

Metals
Phenols
Cyanide
Volatile Organic Compounds (VOC's)
Semi-Volatile Organic Compounds
Pesticides
Polychlorinated Biphenyls (PCB's)

Results of Wastewater Sampling at the Treatment Plant have been enclosed as ***Exhibit F***.

Whole Effluent Toxicity (WET) Testing

Spring/Summer 2015

The Spring/Summer Chronic WET test was initiated on June 10, 2015 using both the test species *Pimephales promelas* (fathead minnow) and *Ceriodaphnia dubia* (water flea). The City passed the Chronic WET test due to the fact that the highest concentration with no observed effect (NOEC) was 100 percent effluent for both survival and reproduction, indicating no statistically significant difference occurred between the control and the Chronic Critical Effluent Concentration (CCEC) of 9.88 percent sample.

Fall/Winter 2015

The Spring/Summer Chronic WET test was initiated on October 6, 2015 using both the test species *Pimephales promelas* (fathead minnow) and *Ceriodaphnia dubia* (water flea). The City passed the Chronic WET test due to the fact that the highest concentration with no observed effect (NOEC) was 100 percent effluent for both survival and reproduction, indicating no statistically significant difference occurred between the control and the Chronic Critical Effluent Concentration (CCEC) of 9.88 percent sample.

Results of Wastewater Sampling at the Treatment Plant for Whole Effluent Toxicity have been enclosed as **Exhibit G**.

Pass Through and Upsets

There was no pass-through at the City's Wastewater Treatment Plant during 2015 that was directly attributable to wastes from industrial users.

Effluent Violations

There were no effluent violations in 2015 that were directly attributed to industrial users.

Violations and Enforcement Actions

Warning letters were sent to the following facilities for the listed violations. A written response or telephone call was required by each facility to indicate corrective actions to be taken to reach compliance with the City of Yakima's Sewer and Pretreatment Ordinance.

Fat, Oil and Grease (FOG)

Warning letters were sent to the following facilities for discharging wastewater above the local FOG discharge limit of 100 mg/L.

BUSINESS NAME	ADDRESS	SAMPLE DATE	FOG (mg/L)	DATE VIOLATION ISSUED	ENFORCEMENT ACTION
2 Busy 2 Cook	6002 Summitview	4/4/2015	194	4/14/2015	Warning Letter
Barrel House	22 North 1 st Street	9/21/2015	229	9/24/2015	Warning Letter
Big Cheese Pizza	2206 W. Nob Hill	3/23/2015	162	3/27/2015	Warning Letter
Bill's Place	206 S. 3 rd Ave	1/14/2015	126	1/26/2015	Warning Letter
Burger King	1605 E. Yakima	6/2/2015	192	6/5/2015	Warning Letter
Burger King	1605 E. Yakima	11/16/2015	244	11/18/2015	Second Warning Letter
Burger King	1605 E. Yakima	12/10/2015	199	12/29/2015	Final Warning Letter
Carl's Jr.	2208 N. 1 st St.	11/24/2015	139	11/30/2015	Warning Letter
Carl's Jr.	2208 N. 1 st St.	12/10/2015	117	12/15/2015	Second Warning Letter
Cintas	918 N. 5 th Ave.	1/14/2015	150	1/26/2015	Warning Letter
Congdon Orchards 64 th	1117 S. 64 th Ave.	11/17/2015	134	11/30/2015	Warning Letter
Congdon Orchards Mead	10 W. Mead Ave	8/25/2015	244	9/25/2015	Warning Letter
E. WA Comp. Mental Health	307 West Walnut	6/22/2015	203	7/2/2015	Warning Letter
China Buffet	2616 W. Nob Hill	11/10/2016	376	11/16/2015	Warning Letter
Cowiche Canyon Restarant	202 E. Yakima Ave.	1/26/2015	271	2/14/2015	Warning Letter
Cowiche Canyon Restarant.	202 E. Yakima Ave.	5/27/2015	292	6/5/2015	Second Warning Letter
Creekside Bar & Grill	400 Creekside Lp.	10/20/2015	226	11/18/2015	Warning Letter
Domino's	1901 W. Lincoln	10/28/2015	404	11/3/2015	Warning Letter
Eagles Lodge	307 W. Chestnut	1/14/2015	216	1/26/2015	Warning Letter
El Mirador II	1601 E. Yakima	6/2/2015	169	6/12/2015	Warning Letter
El Porton de Pepe	15 S. 15th Ave.	1/26/2015	437	2/2/2105	Warning Letter

El Porton de Pepe	15 S. 15th Ave.	11/16/2015	437	11/18/2015	Second Warning Letter
Epic Head Start	902 E. Viola	5/27/2015	191	6/5/2015	Warning Letter
Hops Extract	305 N. 2 nd Ave	5/28/2015	133	7/30/2015	Warning Letter
Jack in the Box	2317 S. 1 st Street	6/2/2015	161	6/5/2015	Warning Letter
Kapstone Container Corp.	2001 Longfibre	5/5/2015	137	5/8/2015	Warning Letter
Keoki's	2107 W. Lincoln	3/2/2015	132	3/9/2015	Warning Letter
Kyoto Japanese Steakhouse	2405 W. Washington	12/15/2015	127	12/29/2015	Warning Letter
Little Caesar's	2306 E. Nob Hill	5/21/2015	533	6/5/2015	Warning Letter
Little Caesar's	2306 E. Nob Hill	8/24/2015	604	8/31/2015	Second Warning Letter
Little Caesar's	2306 E. Nob Hill	12/11/2015	198	12/16/2015	Final Warning Letter
Memorial Hospital West	2811 Tieton Drive	3/12/2015	148	3/23/2015	Warning Letter
McDonalds	1305 S. 1st St.	10/5/2015	125	10/26/2015	AO To Install A Grease Interceptor
McDonalds	3907 River Rd.	1/7/2015	535	1/26/2015	Warning Letter
McDonalds	2326 S. 1st St.	5/5/2015	252	5/12/2015	AO To Mitigate Discharges
McDonalds	2326 S. 1st St.	5/21/2015	754	5/28/2015	\$500 Fine
McDonalds	2326 S. 1st St.	6/15/2015	187	6/30/2015	\$500 Fine
McDonalds	2326 S. 1st St.	7/1/2015	269	7/9/2015	\$500 Fine
McDonalds	2326 S. 1st St.	7/15/2015	236	7/30/2015	\$500 Fine
McDonalds	2326 S. 1st St.	7/28/2015	120	7/30/2015	\$500 Fine
McDonalds	2326 S. 1st St.	8/10/2015	253	8/17/2015	\$500 Fine
McDonalds	2326 S. 1st St.	9/11/2015	211	9/24/2015	\$500 Fine
McDonalds	2326 S. 1st St.	9/22/2015	176	9/24/2015	\$500 Fine
McDonalds	2326 S. 1st St.	10/8/2015	376	10/12/2015	\$1,000 Fine
McDonalds	2326 S. 1st St.	10/20/2015	558	10/28/2015	\$1,000 Fine
McDonalds	2326 S. 1st St.	11/4/2015	273	11/9/2015	\$1,000 Fine
McDonalds	5910 Summitview	5/21/2015	152	5/29/2015	Warning Letter
Orchard Rite	1702 Englewood	11/17/2015	11/30/2015	11/30/2015	Warning Letter
Panderia Delicias	1705 Fruitvale	8/3/2015	156	8/7/2015	Warning Letter
Pepe's Bakery	605 E. Nob Hill	7/27/2015	17,367	8/7/2015	resample
Pepe's Bakery	605 E. Nob Hill	7/31/2015	351	8/7/2015	Warning Letter
Shari's Restaurant	1401 Lakeside Ct.	2/23/2015	160	3/2/2015	Warning Letter
Subway	123 E. Yakima	6/24/2015	157	7/2/2015	Warning Letter

Taco Bell	2124 S. 1 st St.	7/7/2015	119	7/30/2015	Warning Letter
Taco Time	2111 S. 1 st St.	7/15/2015	717	7/30/2015	Warning Letter
Taj Palace	2710 W. Nob Hill	2/27/2015	212	3/26/2015	Warning Letter
Taqueria El Rinconsito	1001 N. 1 st Street	3/30/2015	168	4/6/2015	Warning Letter
Taqueria El Rinconsito	1001 N. 1 st Street	11/24/2015	947	11/30/2015	Second Warning Letter
Taqueria El Rinconsito	1001 N. 1 st Street	6/2/2014	167	6/4/2014	AO To Install A Grease Interceptor
The Tea Garden	110 S. 4 th St.	12/16/2015	146	12/28/2015	Warning Letter
Wray's Southgate Thriftway	401 W. Nob Hill	3/11/2015	142	3/23/2015	Warning Letter

The aforementioned facilities have either complied with City of Yakima FOG local limits or are currently working with the City to reach compliance.

Acidity/Alkalinity - pH

Warning letters were sent to the following facilities for discharging wastewater above or below the local pH limit 5.5-12.0.

pH Violations

BUSINESS NAME	ADDRESS	SAMPLE DATE	LEVEL	DATE VIOLATION ISSUED	ENFORCEMENT ACTION
Del Monte	108 W. Walnut Ave.	1/20/2015	4.34	1/26/2015	Warning Letter
Del Monte	108 W. Walnut Ave.	9/15/2015	5.00	9/24/2015	Second Warning Letter
Del Monte	108 W. Walnut Ave.	10/14/2015	4.47	10/28/2015	Final Warning Letter
Jewel Apple	703 . 1 st Ave.	3/2/2015	3.76	3/23/2015	Warning Letter
Panda Express	1915 S. 1 st St.	10/20/2015	3.96	10/28/2015	Warning Letter
Sonic Drive In	1327 S. 1 st Street	10/20/2015	3.95	10/28/2015	Warning Letter

The aforementioned facilities have since complied with City of Yakima pH local limits.

Metals

Warning letters were sent to the following facilities for discharging wastewater above the local metal limits.

Metals Violations

BUSINESS NAME	ADDRESS	SAMPLE DATE	METAL	RESULT (mg/L)	LOCAL LIMIT (mg/L)	ENFORCEMENT RESPONSE
Yakima Neighborhood Health Service	14th South 8th Street.	9/1/2015	Copper	0.518	0.30	Warning letter
David Clark DDS	4209 Tieton Drive	5/22/2015	Copper	0.375	0.30	Warning letter

The aforementioned facilities have either complied with City of Yakima metal local limits or are currently working with the City to reach compliance.

Reporting Violations

BUSINESS NAME	ADDRESS	VIOLATION DATE	TYPE	ENFORCEMENT RESPONSE
Stephens Metal Products	3209 W. Washington	First Quarter 2015	Failed to Submit Timely DMR	Warning letter
Stephens Metal Products	3209 W. Washington	Second Quarter 2015	Failed to Submit O&M Manual	Warning letter
Stephens Metal Products	3209 W. Washington	Second Quarter 2015	Failed to Submit Timely DMR	Second Warning letter
Stephens Metal Products	3209 W. Washington	Third Quarter 2015	Failed to Submit Timely DMR	Final Warning letter
Stephens Metal Products	3209 W. Washington	First Quarter 2015	Failed to Submit Timely DMR	NOV

The aforementioned facilities have complied with City of Yakima reporting requirements.

Significant Non-Compliance

The following facilities were in Significant Non-compliance in 2015.

INDUSTRY/BUSINESS NAME	ADDRESS	VIOLATION	DATE VIOLATION OCCURRED	ENFORCEMENT RESPONSE
ABC Fire Control	19 W. Yakima Ave	Improper Disposal of Materials to Storm Sewer System	May 21, 2015	Notice Of Violation (NOV), \$250 Fine
Burger King	1605 E. Yakima Ave.	FOG Non-Compliance	June, November	Notice Of Violation (NOV)
Columbia Asphalt	Lincoln Ave and 32 nd Ave.	Failure to USE BMP's during Irrigation Line Break	May 11, 2015	Notice Of Violation (NOV), \$250 Fine
Del Monte Foods	108 W. Walnut	pH Violations	January, September, October	Notice Of Violation (NOV)
Polazzo Properties	1819 S. 4 th Ave.	Improper Disposal of Materials to Storm Sewer System	March 17, 2015	Notice Of Violation (NOV), \$500 Fine
McDonald's	2326 S. 1 st St.	FOG Non-Compliance	May-November	Administrative Order, Fines
McDonald's	1305 S. 1 st St.	FOG Non-Compliance	October 26, 2015	Administrative Order
Taqueria El Rinconcito	1101 S. 3 rd Ave.	FOG Non-Compliance	June 4, 2015	Administrative Order
Stephens Metal Products	3209 W. Washington	Reporting	1 st , 2 nd , 3 rd Quarter	Notice Of Violation (NOV)

In accordance with 40 CFR Part 25 and 40 CFR Part 403.8 (f)(2)(vii), the City of Yakima's Pretreatment Program provided public notice of the aforementioned industrial users in significant non-compliance by publishing in the Yakima Herald-Republic on March 13, 2016.

A copy of the publication has been enclosed as *Exhibit H*.

Compliance Schedules

In accordance with § S6(4)(c)(5) of the City of Yakima's NPDES Permit, the following industrial users were put on compliance schedules.

McDonald's, 2326 S. 1st Street

May 28, 2015, 2014 Administrative Order for continuing FOG violations

1. **Within 30 days of the date of this order** provide a detailed action plan outlining the specific steps that will treat McDonald's effluent to a point where it meets the local limit of 100 mg/L.
2. **Within 120 days of the date of this order** complete installation and construction of any and all pretreatment related facilities necessary to achieve compliance with the local limits or implement BMP's and revise operational parameters of the facility to comply with the local limit.
3. **Pay a fine of \$500.00** for the May 21, 2015 violation described above. The fine will be billed by the City of Yakima Finance Department and must be paid by the due date of such bill.
4. **Pay an administrative penalty of \$500.00 for EACH FOG VIOLATION** observed during the 120 day compliance period. Due to its past history of extensive violations, McDonald's will be subject to increased oversight, including additional bi-monthly sampling and testing for FOG concentrations during that compliance period. Should violations continue to be observed, the City will reassess the administrative penalty in accordance with YMC §7.65.380.A.
5. **Pay a FOG strong waste surcharge** in accordance with YMC §7.65.020.B for discharging FOG at a concentration of 724 mg/L during the 120 day compliance period or until three (3) successive tests indicate compliance with local limits.
6. **Pay the sampling charge and laboratory testing fees** associated with the increased sampling frequency and additional testing regiment as tabularized in YMC §7.60.105.E(1) and YMC §7.60.105.E(2) during the compliance period or until three (3) successive tests indicate compliance with local limits.

Provide a written report to the City by the last day of each month detailing the progress made, construction completed, and /or changes in business practices leading to the goal of 100% compliance.

McDonald's, 1305 S. 1st Street

October 26, 2015, 2014 Administrative Order for continuing FOG violations

1. **Within 15 days of the date of this** perform a thorough cleaning of the side sewer line and pretreatment sampling port in such a manner so as to prevent any slugload of grease from reaching the POTW.
2. **Within 30 days of the date of this** order obtain the services of a properly licensed contractor to construct a new grease interceptor external to the existing building, upstream (west) of the existing sampling port and procure a permit to install such a device. A detailed Site Plan showing the location and size of the grease interceptor along with the final sewer line layout must be provided to and approved by the Wastewater Division as part of the permit submittal process.

3. **Within 90 days of the date of this order** complete installation and construction of the new external grease interceptor in accordance with the Uniform Plumbing Code, most recent version.
4. **Within 120 days of the date of this order** reach compliance with the discharge limits set forth in YMC §7.65.060.B.7
5. **Pay an administrative penalty of \$250.00 for EACH FOG VIOLATION** observed during the 120 day compliance period subsequent to this letter. Sampling frequency will be contingent on availability of pretreatment technicians and staff. Should violations continue to be observed, the City will reassess the administrative penalty in accordance with YMC §7.65.380.A.
6. **Pay the sampling charge and laboratory testing fees** associated with the additional testing as tabularized in YMC §7.60.105.E(1) and YMC §7.60.105.E(2) during the compliance period.

Provide a written report to the City by the last day of each month detailing the progress made, construction completed, and /or changes in business practices leading to the goal of 100% compliance. The first report will be due on or before November 30, 2015.

Taqueria El Rinconsito, 2326 S. 1st Street

June 4, 2015, Administrative Order for observed FOG violations

1. **Within 30 days of the date of this order** enlist the services of a licensed contractor to install a new grease interceptor with a volume of no less than 1,500 gallons and relocate the sampling port (collectively "improvements") to an accessible point downstream of the new grease interceptor.
2. **Within 60 days of the date of this order** have the contractor obtain all permits necessary for the construction of the improvements and provide plan drawings indicating the scope and location thereof.
3. **Within 120 days of the date of this order** complete installation and construction of the new grease interceptor and reinstallation or replacement of the sampling port.
4. **Pay a FOG strong waste surcharge** in accordance with YMC §7.65.020.B for discharging FOG at a concentration of 167 mg/L until the new grease interceptor is installed and a subsequent sample indicates compliance with local limits.

Provide a written report to the City by the last day of each month detailing the progress made, construction completed, and /or changes in business practices leading to the goal of 100% compliance. The first report will be due on or before June 30, 2015.

City of Union Gap Sampling Results

The Pretreatment Program performs monthly sampling for BOD, TSS, pH, and FOG, and quarterly sampling for metals at Union Gap's master lift station. Union Gap was in compliance with the 2015 monitoring.

Results of Union Gap sampling are enclosed in *Exhibit I*.

Terrace Heights Sewer District Sampling Results

The Pretreatment Program performs monthly sampling for BOD, TSS, pH, FOG, and quarterly sampling for metals at the Terrace Heights Sewer District sampling port located at the Yakima WWTP. Terrace Heights was in compliance with 2015 monitoring.

Results of Terrace Heights Sewer District sampling have been enclosed as **Exhibit J**.

The City of Union Gap / Terrace Heights Sewer District / City of Moxee Annual Pretreatment Reports

In accordance with the Special Agreements between the City of Yakima, the City of Union Gap, Terrace Heights Sewer District and the City of Moxee, the City of Union Gap, Terrace Heights Sewer District and the City of Moxee are responsible for the submittal of an annual Pretreatment report to the City of Yakima and to the Department of Ecology by February 15th of each year.

The City of Union Gap, Terrace Heights Sewer District and the City of Moxee Pretreatment Reports are enclosed in **Exhibit K**.

2016 - Planned Changes in the Pretreatment Program

The City is tentatively planning to begin monitoring activities within the boundaries of the Union Gap and Terrace Heights/Moxee service areas. Such work would be performed in conjunction with Terrace Heights and Union Gap representatives.

Testing frequency of MIU sampling has been increased to generate a more up to date profile of each individual MIU's discharge constituents. .

Certification

"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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted 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."



Signature

April 15, 2016

Date

Acting Pretreatment Supervisor

Title