

# CITY OF YAKIMA 2011 PRETREATMENT NEWSLETTER



## Thank you to SIUs in 100% Compliance with Pretreatment Standards

To date, 14 of 26 City of Yakima SIUs demonstrated 100% compliance with Pretreatment Standards. The City congratulates these SIUs for their efforts and commitment by achieving 100%. This commitment protects not only the POTW but also helps to reduce pollutants that may

pass through the POTW and ultimately into the environment. *Industries that demonstrated 100% compliance will receive recognition letters in January 2012.*

**THANK YOU** for your commitment to environmental excellence!

## Industrial Waste Treated, Collection System Expanded

The Yakima Wastewater Treatment Plant plans to begin treating industrial wastewater separately from domestic waste using an Upflow Anaerobic Sludge Blanket (UASB) system. The existing industrial waste collection system will be used and also be extended to enable more industries to connect. The UASB and industrial waste collection system will stabilize costs, assist existing industrial dischargers and encourage new industries to locate in Yakima. The system is planned for installation and operation in 2013.

## Waste Grease Receiving Station Coming

The Yakima Wastewater Treatment Plant (WWTP) will be installing a waste grease receiving station in 2013. Industries, businesses, restaurants, and residents will be able to bring waste grease to the WWTP and dispose it at a minimal cost. Bringing in your waste grease will keep it out of the sewer collection system, reducing maintenance and repair costs. The WWTP will also use biogas from the grease to operate its systems. This will help keep your rates low!

**Stay tuned for more information.**

Local Limit Pollutant <sup>(1)</sup>	Daily Maximum Concentration (mg/L)	Local Limit Pollutant <sup>(1)</sup>	Daily Maximum Concentration (mg/L)
Arsenic (As)	0.48	Sulfide (liquid phase)	0.5
Cadmium (Cd)	0.049	Chloroform	0.67
Chromium Total (Cr)	5	beta-BHC	0.01516
Chromium (VI)	0.43	Endosulfan	0.06964
Copper (Cu)	0.3	Endrin	0.00383
Lead (Pb)	0.19	alpha-Chlordane	0.00716
Mercury (Hg)	0.002	gamma-Chlordane	0.00367
Molybdenum (Mo)	1.14	Chlorpyrifos	0.01298
Nickel (Ni)	2	Lindane	0.13324
Selenium (Se)	0.419	Benzene	0.05 <sup>(3)</sup>
Silver (Ag)	0.06	BTEX <sup>(2)</sup>	0.75 <sup>(3)</sup>
Zinc (Zn)	4.18	FOG	100

(1) All pollutants are analyzed and reported as total mg/L.

(2) BTEX is the sum of the measured concentrations of Benzene, Toluene, Ethylbenzene and Xylene.

(3) These pollutants are based upon the installation of treatment technology (air stripping/carbon capture) and are developed for discharges from groundwater cleanup or remediation activities or other effluents containing Benzene and/or BTEX and requiring the installation of treatment.

## ATTENTION FRUIT PACKERS!

The City is requesting that seasonal packing facilities give the City advance notice of projected 2012 start-up dates.

Please contact the Pretreatment Office a couple of weeks prior to start-up. This allows the City to schedule sampling events and inspections as required by the City's NPDES permit.

## CHECK PERMIT DUE DATES!

**Spill Slugload Plan** reviews are due every other year.

Is yours due in January 2012?

## DON'T FORGET!!

**Operation and Maintenance Manual** reviews and updates are due in January 2012.

## NEW LOCAL LIMITS ADOPTED IN JANUARY 2011

In order to protect the operations and to ensure that POTW discharges comply with State and Federal Requirements, the City of Yakima amended Chapter 7.65 Sewer Use and Pretreatment Regulations of the Yakima Municipal Code. New local limits were approved by Yakima City Council in December 2010.



## SELF MONITORING REQUESTS

The City is requesting that Significant Industrial Users (SIUs) submit, to the Pretreatment office, **a written statement indicating whether self-monitoring will be performed by the SIU, or if the SIU wishes for the City to perform sampling and testing** of all parameters at the required frequency for the upcoming 2012 production year.

Each SIU shall be responsible for the cost associated with all sampling and testing. YMC § 7.60.105 E. defines the charges and fees for related sampling and laboratory testing fees. Enclosed is a copy of the City's sampling and laboratory testing fees.

In accordance to the City's National Pollutant Discharge Elimination System (NPDES) Permit # WA-002402-3 as issued by the Department of Ecology, it is the City's discretion to decide whether a SIU may conduct self-monitoring. It is the intent, however, of the City to allow SIUs to become more involved in their wastewater discharge responsibilities by allowing self-monitoring.

*If the Permittee (City) elects to conduct sampling of a SIU's discharge in lieu of the user self-monitoring, it shall sample and analyze for all regulated pollutants in accordance with 40 CFR Part 403.12(b)(5)(ii)-(v), 40 CFR 403.12(g), and 40 CFR Part 136. The character and volume of the samples shall be representative of the discharge and shall provide adequate data to determine compliance, but in no case should sampling occur less than two (2) times per year.*

Please be aware that if self-monitoring is selected, it is the responsibility of the SIU to sample and test parameters outlined in their wastewater discharge permit at the required frequency. If at the end of the year this requirement is not fulfilled, the SIU shall be deemed out of compliance with their wastewater discharge permit, resulting in enforcement action by the City including the forfeiture of future self-monitoring privileges.

If your SIU chooses self-monitoring, the City of Yakima is still required to sample and test each SIU at least once per year in accordance with the City's NPDES Permit;

*Perform inspections, surveillance, and monitoring activities on industrial users to determine and/or confirm compliance with applicable pretreatment standards and requirements. A thorough inspection of SIUs shall be conducted annually. Frequency of regular local monitoring of SIU wastewaters shall normally be commensurate with the character and volume of the wastewater, but **shall** not be less than once per year. Sample collection and analysis shall be performed in accordance with 40 CFR Part 403.12(b)(5)(ii)-(v) and 40 CFR Part 136.*

If the City does not receive a written statement that your SIU wishes to conduct self-monitoring by **January 1, 2012**, the City shall sample and test all parameters at the required frequency regardless if self-monitoring is being conducted. After this deadline, no changes for 2012 will be allowed.

### SELF-MONITORING REQUEST information is due by January 1, 2012.

City of Yakima  
Wastewater Division  
Attn: Arlene Carter  
2220 E. Viola Ave.  
Yakima, WA 98901

**Call (509) 575-6077 or email [acarter@ci.yakima.wa.us](mailto:acarter@ci.yakima.wa.us) with questions or concerns- Thank You!**

## SELF MONITORING REQUIREMENTS

All samples must be handled in accordance with the specific container storage requirements, preservation techniques, and holding times identified in 40 CFR 136.3, Table II, to ensure sample integrity. Samples not collected or analyzed in accordance with 40 CFR 136 shall be deemed invalid. Parameters shall be tested at the required frequency by a state accredited lab.

**Please remember:** A copy of lab reports and chain of custodies must accompany the discharge monitoring reports (DMRs). Sample types shall be collected as outlined in the wastewater discharge permit.

- A "**24-hour composite**" sample shall mean a flow-proportioned mixture of not less than 8 discrete aliquots. Each aliquot shall be a grab sample of not less than 100 ml and shall be collected, composited, and preserved in accordance with 40 CFR, Part 136 and amendments.
- A "**Grab**" sample is an individual sample collected in less than 15 minutes, without regard for flow or time. Grab samples will be collected during business hours.
- A "**Grab-composite**" is a minimum of four grab samples collected, composited, and preserved over a 24-hour period to provide a representative sample of effluent being discharged.

If self-monitoring analytical results indicate a violation of discharge limits contained in the permit, the permittee must notify the City within **24 hours** of becoming aware of the violation. The permittee must also repeat the sampling and submit the analysis to the City within 30 days of becoming aware of the violation.

## Discharge Monitoring Reports (DMRs)

DMRs are to be **postmarked no later than the 15<sup>th</sup>** of the month following the monitoring period. Proper submittal of DMRs is a condition of the wastewater discharge permit. SIUs that routinely submit late DMRs, or not at all, shall be issued Notice of Violations. Such action may lead to penalties as outlined in the City's enforcement response plan (ERP).

Regardless of which entity, SIU or City, conducts the sampling and testing of all the parameters at the required frequencies, the **SIU is still responsible for submitting DMRs to the City of Yakima for flow**. Flow is to be measured per discharge event. This means each day that there is a discharge by the SIU, the amount of flow is to be logged on the DMR.

**DMRs must be submitted whether or not the SIU was discharging.** If there was no discharge or the SIU was not operating during a given monitoring period, the permittee shall submit the DMR form as required with the words "**No Discharge**" entered in place of the applicable monitoring results.

The following certification shall be written on all DMRs and signed by an authorized representative of the SIU:

*"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."*

Customized DMRs can be prepared by the City and sent to each SIU upon request.

## COMPLIANCE TIP

### ***Avoiding Data Monitoring Report (DMR) Violations***

One of the most common pretreatment violations is late submittal of DMRs.

DMRs are to be **postmarked no later than the 15<sup>th</sup>** of the month following the monitoring period.

An easy way to 'remember' your DMR due date is to schedule an appointment on your email appointment calendar.

### ***Duly Authorized Representatives***

The City will no longer accept documents signed by persons other than the company's authorized agent or duly authorized representative(s).

Please refer to YMC § 7.65.020 and 40 CFR Part 403.12 (l) for signatory requirements for industrial users. **If your facility wishes to update the name(s) of the authorized representative**, please complete the attached "Designation of a Duly Authorized Representative" and submit this information to the Pretreatment Office.

## Fats Oils and Grease Outreach in 2011

**Instead of pouring greasy, fatty and buttery foods and sauces down the drain, wipe them out with a paper towel and throw it into the garbage.**

This is the message sent out to residents of the City of Yakima through their utility bills this past summer. Fats, Oil and Grease can clog sewer lines in restaurants, industries and homes. This year the pretreatment program developed new educational material for residents and restaurant owners and staff.

Restaurants receive educational posters during Pretreatment inspections. Through a partnership with the Hispanic Chamber of Commerce of Yakima County, this material was translated into Spanish and will be distributed to their members as well.

<b>SAMPLING FEES</b>	<b>Rates Effective November 2, 2009</b>
First Day Sampling	\$ 222.60
Each subsequent day in the same sampling period	\$ 91.47
<b>LABORATORY TESTING FEES</b>	
BOD-Biochemical Oxygen Demand	\$ 48.25
TSS-Total Suspended Solids	\$ 48.25
PH	\$ 24.12
BOD Soluble	\$ 72.37
COD	\$ 48.25
COD Soluble	\$ 72.37
TDS	\$ 48.25
Alkalinity (Carbonate)	\$ 24.12
Ammonia (Ion Selective Probe)	\$ 24.12
Chlorine Residual (Colorimetric)	\$ 24.12
Dissolved Oxygen (Azide)	\$ 24.12
Dissolved Oxygen (Membrane)	\$ 24.12
Fecal Coliform	\$ 72.37
FOG-Fats, Oils & Grease	\$ 96.50
MPN	\$ 482.50
Nitrate	\$ 48.25
Nitrite	\$ 48.25
Organic/Volatile Acids	\$ 24.12
Sulfide	\$ 48.25
Sulfite	\$ 48.25
Total Volatile Solids	\$ 48.25
BTEX (Benzene, toluene, ethylbenzene, xylene)	\$ 294.48
Metals	\$ 368.11
Metals Graphite Furnace	\$ 515.35
Pesticides/PCB's	\$ 809.83
Volatile Organics	\$ 294.48
Captan	*Outside Market Costs
Cyanide	*Outside Market Costs
DPA (a) Diphenylamine	*Outside Market Costs
Fluodioxonil (Scholar)	*Outside Market Costs
Priority Pollutant Scan	*Outside Market Costs
Semivolatiles	*Outside Market Costs
SOPP - Sodium ortho-phenylphenol - Stop Mold	*Outside Market Costs
TBZ Thiabendazole	*Outside Market Costs
Total Nitrogen Package	*Outside Market Costs
Total Phosphorus Package	*Outside Market Costs
TPH (Total Petroleum Hydrocarbons - includes oils, gasoline, diesel and other fuels)	*Outside Market Costs

\*If an outside laboratory conducts this test, the fee will be based on the actual cost of the test performed, plus any related costs and taxes incurred.

***These rates are in accordance with 7.60.105 E. of the City of Yakima's Municipal Code.***