

**2023**

**TERRACE HEIGHTS  
SEWER DISTRICT / CITY  
OF MOXEE ANNUAL  
PRETREATMENT  
REPORT**

# **TERRACE HEIGHTS SEWER DISTRICT**

## **2023 ANNUAL PRETREATMENT REPORT**

### **INTRODUCTION**

On September 25, 2014, the Terrace Heights Sewer District and the City of Yakima entered into a Special Agreement for the general purpose of providing wastewater services and enforcement within the wastewater services boundary of the District. The effective date of this Special Agreement was January 1, 2015.

Specifically, the Special Agreement pertains to a delegated pretreatment program to prevent the discharge of wastewater that has a reasonable potential for adversely affecting the Publicly Owned Treatment Works (POTW) operation or for violating any pretreatment standard or requirement.

One requirement of the 2014 Special Agreement is the generation of an annual report summarizing the District's efforts to administer a pretreatment program within the District's boundaries.

On January 26, 2022, the District updated its November 14, 2005 agreement with the City of Moxee to accept the City's wastewater and pump it through the District to the Yakima Regional Wastewater Treatment Facility. One requirement of the Agreement is the inclusion of an annual pretreatment report from the City of Moxee in the District's Annual Pretreatment Report.

The City of Yakima's National Pollutant Discharge Elimination (NPDES) Permit No. WA-0024023, as issued by the State Department of Ecology (Ecology), states as a condition of the permit that the City of Yakima shall provide Ecology with an annual pretreatment report of its fully delegated Pretreatment Program to briefly describe its program activities during the previous calendar year. One requirement of the City of Yakima's permit is to include annual pretreatment reports from the District and the City of Moxee.

### **DUTIES AND RESPONSIBILITIES OF THE TERRACE HEIGHTS SEWER DISTRICT AS THEY PERTAIN TO THE PRETREATMENT PROGRAM**

A copy of the September 25, 2014 Special Agreement, which includes the duties and responsibilities of the Terrace Heights Sewer District as they pertain to the pretreatment program, can be found in Appendix A of this report.

### **DEFINITIONS OF INDUSTRIAL USERS**

#### Significant Industrial Users (SIUs)

The District considers the following types of businesses to be SIUs because of one or more of the following criteria:

1. Is subject to Federal categorical pretreatment standards; or

2. Discharges an average of twenty-five thousand gallons per day or more of process wastewater to the POTW (excluding domestic wastewater and noncontact cooling water); or
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; or
4. Is designated as such by the District on the basis that it has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement.

#### Minor Industrial Users (MIUs)

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

1. Discharges wastewater which meets at least one of the following criteria:
  - a. Daily average process wastewater flows exceed five thousand gallons per day, but not more than twenty-five thousand gallons per day (excluding domestic wastewater and non-contact cooling water); or
  - b. Maximum daily discharge volume which exceeds one percent of the average dry weather hydraulic or organic capacity of the POTW; or
2. Is otherwise deemed by the District to be categorized as an MIU.

#### **CURRENT LIST OF INDUSTRIAL USERS**

A current list of industrial users can be found in Appendix B of this report.

A current list of the industrial users within the City of Moxee can be found in Appendix C of this report (City of Moxee 2023 Annual Pretreatment Report).

Whenever a new industrial user begins operations within the District (or the City of Moxee), or any time an existing industrial user changes its operations or processes that significantly affect its wastewater discharge, the District will require that such an industry respond by completing an Industrial User Survey that includes information reasonably requested by the District for purposes of the Pretreatment Program requirements.

#### **INSPECTIONS AND SAMPLING RESULTS**

In accordance with the 2014 Special Agreement, the District is required to inspect and sample all SIUs and a representative number of other industrial users located within its boundaries annually. Similarly, the District is also required to inspect and sample all SIUs and a representative number of other industrial users located within the City of Moxee boundaries annually.

The District has no SIUs. Appendix D includes copies of sampling results the District obtained from the following sources:

- Clean Tank Technologies
- Classic Auto Wash
- Flaming J's
- Auto Spa
- Provisions
- Shell Car Wash
- Pacific Steel

On September 6, 2023, the District and representatives from the City of Yakima visited Clean Tank, a business which cleans bulk tankers and accepts some empty intermediate bulk containers. Based on the site visit, Clean Tank is considered an MIU to be monitored.

The City of Moxee has two significant industrial users. The Superwash is a touchless vehicle wash site with an oil and sediment separator. Bale Breakers operates a brewery and tasting room. In 2021, Bale Breakers began installation of holding tanks with the intention of trucking the high strength waste off site. The installation has been completed and a sampling site has been constructed.

The City of Moxee tests five samples each month. BOD test results from the City of Moxee averaged over 1,000 mg/L in 2023, with the second half of the year having much higher results than the first half of the year. It has been suggested that Bale Breakers' holding tanks may have filled up and need more frequent maintenance.

### 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

  
Print Name

  
Title

  
Date

**APPENDIX A**  
**2014 SPECIAL AGREEMENT**

# **SPECIAL WASTEWATER SERVICE AGREEMENT**

## ***City of Yakima, Terrace Heights Sewer District and the City of Moxee***

### ***Agreement for Wastewater Services within the Service Areas of Terrace Heights and Moxee***

**This Special Wastewater Service Agreement is entered into this 25th day of September 2014, and shall become effective January 1, 2015, by and between the City of Yakima ("City"), the Terrace Heights Sewer District ("Terrace Heights") and the City of Moxee ("Moxee") and referenced individually in this Agreement as "Party" and collectively as "Parties."**

**The purpose of this Agreement is to establish the terms and conditions necessary in allowing the discharge of wastewater from the service area of Moxee through Terrace Heights to the City's Regional Wastewater Treatment Plant for wastewater treatment and disposal service; including regulatory requirements and enforcement by the City's Pretreatment Program.**

**This Agreement supersedes the Special Agreement entered into on September 10, 2006 between the City, Terrace Heights, and Moxee for providing wastewater services and enforcement within the service areas of Terrace Heights and Moxee.**

**Any Party's provision of wastewater service to retail customers outside its respective city limits but within its urban growth area, or in the case of Terrace Heights its designated service territory, shall be in accordance with the Growth Management Act, chapter 36.70A RCW, and the related requirements of Yakima County.**

## 1.0 RECITALS.

- A. The City owns and operates a wastewater treatment system and administers a delegated Pretreatment Program to prevent the discharge of waste that would cause interference with, or pass through of, its wastewater treatment system in accord with applicable Federal, State and Local regulations.
- B. Terrace Heights owns and operates a wastewater collection system, and utilizes the City's wastewater treatment system to treat wastewater collected by the Terrace Heights system as a Wholesaler User. The 3-Party Wholesale Service Agreement (3-Party Agreement) for Wastewater Treatment and Disposal Service by and between the City, City of Union Gap and Terrace Heights governs various aspects of the use of the City's wastewater treatment system by Terrace Heights.
- C. Terrace Heights agrees to accept and be responsible for the wastewater collected from the service area of Moxee and conveyed to the City's Regional Wastewater Treatment Plant (WWTP). The City agrees to provide treatment and disposal for such wastewater at the City's WWTP, pursuant to the capacity allocation held by Terrace Heights and subject to all regulatory requirements in accordance with the 3-Party Agreement.
- D. Moxee is recognized as an Extra-Jurisdictional Customer of Terrace Heights. No capacity allocation to the City's WWTP is granted to Moxee under this Agreement. As specified in Section 2.2.4 of the 3-Party Agreement, usage and loading from an Extra-Jurisdictional Customer shall be incorporated into and counted against the Capacity Allocation of the Wholesale User with which the Extra-Jurisdictional Customer has an agreement.

## 2.0 PRETREATMENT

- A. The City is a fully delegated Pretreatment Program and is required to control such discharges from all Industrial Users of its wastewater treatment system pursuant to requirements set out in 40 CFR Part 403, Chapter 90.48 RCW, Chapters 173-208 WAC, 173-216 WAC, 173-201A WAC, and 173-240 WAC and the National Pollution Discharge Elimination System Permit issued by Ecology to the City ("NPDES Permit"), all as they may be amended from time to time, to prevent the discharge of waste that could cause interference with the operations of the wastewater treatment system or pass through in violation of the NPDES Permit.
- B. Owners and operators of facilities located in Moxee currently contribute discharges of pollutants from non-domestic sources that have the potential to upset or interfere with the City's WWTP and are therefore regulated under Section 307(b), (c) or (d) of the Clean Water Act. Such facilities are classified as Minor Industrial Dischargers (MIUs) in accordance with Section 7.65.020 of the City of Yakima's Municipal Code (YMC) or Significant Industrial Dischargers (SIUs) in accordance with Section 7.65.020 YMC and 40 CFR 403.3(t).

- C. Moxee shall adhere to the entirety of Sections 7.0 and 8.0 of the 3-Party Agreement; meeting all Pretreatment regulatory and reporting requirements of its discharge. As a customer of Terrace Heights, Moxee shall be held to the same standards and requirements as Terrace Heights. Failure to do so may subject Moxee to any and all enforcement remedies available to the City in accordance with YMC Chapter 7.65 Sewer Use and Pretreatment Regulations; the 3-Party Agreement, and applicable law required to operate a fully delegated Pretreatment Program in accordance with 40 CFR 403.8(f)(1), to enforce the requirements of sections 307 (b) and (c) and 402 (b)(8) of the Clean Water Act and any regulations implementing those sections in the event that the City finds that wastewater discharged from Moxee has violated or is violating the Pretreatment Standards and requirements of the City Sewer Use Ordinance.
- D. Terrace Heights shall be held responsible for the compliance of Moxee, their Extra-Jurisdictional customer, and the wastewater discharged into the Terrace Heights' wastewater collection system.

### **3.0 EXTRA-JURISDICTIONAL NEW INDUSTRIAL USERS**

Before an Industrial User located outside the jurisdiction of Moxee is allowed to discharge into Moxee's sewer system, Moxee, Terrace Heights and the City shall enter into an agreement with the jurisdiction in which such Industrial User is located, if such discharge is approved by the City. Such agreement must include terms that are substantially equivalent to this Special Wastewater Service Agreement and must be fully secured prior to a discharge from any Industrial User outside the jurisdiction of Moxee.

### **4.0 Wastewater Costs**

Billing of costs associated with the flow, BOD, and TSS loading of wastewater discharged by Moxee shall be resolved between Terrace Heights and Moxee.

### **5.0 Shared Infrastructure**

Infrastructure utilized jointly between Terrace Heights and Moxee to convey wastewater to the City's WWTP shall be the sole responsibility of Terrace Heights and Moxee.

### **6.0 ENFORCEMENT AND DISPUTE RESOLUTION**

- A. The City shall have all enforcement remedies available to it under the City Sewer Use Ordinance, this Special Wastewater Agreement and applicable law in the event that the City finds that wastewater discharged from Moxee's sewer system has violated or is violating the pretreatment standards and requirements of the City Sewer Use Ordinance.
- B. The Parties shall seek to resolve disputes concerning this Special Wastewater Service Agreement and its interpretation that may arise between the City and Terrace Heights or Moxee, from the date hereof until the termination of this Special Wastewater Service Agreement, at the lowest possible level and as promptly as possible. In the event that the Parties' efforts to resolve such a dispute are not effective, they may agree to proceed

with mediation or arbitration. If mediation or arbitration are not acceptable methods of resolving the conflict then each Party retains all remedies otherwise available to it at law or in equity.

#### **7.0 EMERGENCY ACTIONS**

The City may take, or direct Terrace Heights and/or Moxee to take reasonable emergency actions necessary to stop or prevent any discharge that presents, or may present, an imminent danger to the health or welfare of humans, that reasonably appears to threaten the environment, that threatens to cause interference, pass through, or sludge contamination, or that may cause the City to fail to comply with the terms of its NPDES Permit. The City may provide informal notice to the Industrial User of its intent to take emergency action prior to taking action. The City may also use reasonable efforts to notify Terrace Heights and Moxee (such efforts to include telephone contact) of its intent to take emergency action prior to taking said action. Depending on the immediacy of the need for action, however, the opportunity to respond may be limited to a hearing after the emergency powers of the City have been exercised.

#### **8.0 INDEMNIFICATION**

- A. Moxee and Terrace Heights shall indemnify and hold the City harmless for all damages, fines, and costs (including, without limitation, attorneys' consultants' and experts' fees) incurred as a result of industrial waste discharged from Moxee's wastewater system in violation of federal or state laws or regulations or the pretreatment program maintained pursuant to this Special Wastewater Service Agreement. In addition, Moxee and Terrace Heights shall indemnify and hold harmless the City, its elected officials, officers, employees, agents and representatives, from and against any and all damages, fines, costs (including, without limitation, attorneys', consultants' and experts' fees, and fees to establish the right to indemnification), judgments, and liabilities (except to the extent that any of the same results from the indemnified party's negligent act or omission), arising out of or related to any act or omission of Moxee or Terrace Heights, their employees, subcontractors, agents, or servants; provided, however, that such act or omission is directly related to Moxee's or Terrace Heights' duties or responsibilities under this Special Agreement. These rights to indemnification shall survive the termination of this Special Wastewater Service Agreement.
- B. The City shall indemnify and hold harmless Moxee and Terrace Heights, their elected officials, officers, employees, agents and representatives, from and against any and all damages, fines, costs (including, without limitation, attorneys', consultants' and experts' fees, and fees to establish the right to indemnification), judgments, and liabilities (except to the extent that any of the same results from the indemnified party's negligent act or omission), arising out of or related to any act or omission of the City, its elected officials, officers, employees, subcontractors, agents, or servants; provided, however, that such act or omission is directly related to the City's duties or responsibilities under this Special Wastewater Service Agreement. This right to indemnification shall survive the termination of this Special Wastewater Service Agreement.

## **9.0 TERMINATION OF SERVICE**

The City shall have the right to terminate this Agreement for Cause should the parties hereto fail to meet the terms and conditions of service set forth in this Agreement, including, but not limited to noncompliance with Section 2.0 of this Agreement. The City may terminate this Agreement if the parties hereto materially breach the terms, conditions or obligations under this Agreement through no fault of the City. However, no such termination may be effected unless the breaching party or parties is/are given: (1) not less than one hundred-eighty (180) calendar days written notice delivered by certified mail, return receipt requested, of the reason for the proposed termination; and (2) a reasonable opportunity for consultation and for curing the breach prior to effective termination. Notice shall be considered issued within seventy-two (72) hours of mailing by certified mail to the parties.

## **10.0 GENERAL PROVISIONS**

- A. **Severability.** If one or more sections or provisions of this Agreement are held to be unlawful, invalid or unenforceable by any court with jurisdiction, the remainder of this Agreement shall not be affected thereby.
- B. **Binding Effect.** This Agreement shall be binding upon and insure to the benefit of the Parties hereto and their predecessors, successors, heirs and assigns.
- C. **Governing Law and Venue.** This Agreement shall be governed by and construed in accordance with the laws of the State of Washington. Any legal action taken to enforce the provisions of this Agreement shall be maintained in a court of competent jurisdiction in Yakima County, Washington. Venue for any action taken to enforce any part of this Agreement shall lie in a court of competent jurisdiction in Yakima County.
- D. **Force Majeure.** If a Party is rendered unable by Force Majeure due to acts of God, strikes, lockouts, labor disputes, civil disorder, acts of terrorism or other causes beyond the reasonable control of the affected Party, to carry out, in whole or part, its obligations under this Agreement and such Party gives notice and full details of the event to the other Party as soon as practicable after such occurrence, the obligations of the Party affected by the event shall be suspended to the extent required. The Party claiming Force Majeure shall remedy the Force Majeure as soon as possible.
- E. **Non-Waiver.** The failure on the part of any Party to enforce its right as to any provision of the Agreement shall not be construed as a waiver of its rights to enforce such provision in the future.
- F. **No Third-Party Beneficiary.** Except as expressly provided herein, this Agreement is entered into for the exclusive benefit of the Parties hereto and shall not be construed to create any rights in, or to grant remedies to, any third party as a beneficiary of this Agreement or of any duty, obligation or undertaking established herein.
- G. **Litigation.** Each Party shall bear its own costs and expenses relating to any mediation and litigation that may result from the performance of this Agreement, and the City shall not include its mediation or litigation costs and expenses in charges to Terrace Heights.

- H. **Modification of Agreement.** No modification or waiver of this Agreement or any part hereof shall be valid or effective unless in writing and signed by all then-current Parties to this Agreement; no waiver of any breach or condition of this Agreement shall be deemed to be a waiver of any other subsequent breach or condition, whether of like or different nature.
- I. **Entirety.** This Agreement merges and supersedes all prior negotiations, representations, and agreements between the Parties hereto relating to the subject matter hereto and constitutes the entire contract between the Parties for the purposes described herein.

**11.0 EFFECTIVE DATE AND TERM OF AGREEMENT**

This Agreement shall become effective January 1, 2015 upon execution by the City, Terrace Heights, and Moxee. It shall remain in full force and effect as long as Terrace Heights remains a Party Member of the 3-Party Agreement or unless it has been terminated earlier pursuant to the terms of this Agreement.

City of Yakima  
 By: *Tony O'Rourke*  
 Tony O'Rourke, City Manager

Terrace Heights Sewer District  
 By: *Norman Alderson*  
 Norman Alderson, District Manager

Date: 11-20-14

Date: 9/29/2014

Attest:  
*Sonya Claad Tee*  
 Sonya Claad Tee, City Clerk



Contract No. 2014-200  
 Resolution No. R-2014-138

Attest:  
*Frank Sliger*  
 Frank Sliger, District Secretary

City of Moxee  
 By: *Greg LaBree*  
 Greg LaBree, Mayor

Date: 9-25-2014

Attest:  
*Kristi Heilman*  
 Kristi Heilman, City Clerk

**APPENDIX B**  
**TERRACE HEIGHTS SEWER DISTRICT**  
**INDUSTRIAL USERS**

## THSD COMMERCIAL ACCOUNTS

PAPA BAIRD'S  
4112 ½ TERRACE HEIGHTS DR.

BANNER BANK  
4104 TERRACE HEIGHTS DR.

TERRACE HEIGHTS ELEMENTARY SCHOOL  
4300 MAPLE CT.

HEUFNER PROPERTIES  
3904 TERRACE HEIGHTS DR.

FREEDOM RANCH  
306 & 308 N. 34<sup>TH</sup> ST.

YAKIMA SPORTSMAN STATE PARK  
904 UNIVERSITY PARKWAY

J SCHUMACHER  
2812 TERRACE HEIGHTS DR. # 1

HEAVERLO AUCTIONS SHOP  
1211 S. KEYS RD.

PACIFIC POWER CORP.  
500 N. KEYS RD.

QUIAL RUN RETIREMENT COMMUNITY  
200 BRIDLE WAY

COLUMBIA DISTRIBUTING  
401 N. KEYS RD.

TH. FAMILY PET CLINIC  
721 N. KEYS RD.

SEVCON  
651 N. KEYS RD

PAPE MACHARY  
2209 TERRACE HEIGHTS DR.

PRIME INVESTMENTS / J's FLAMING GRILLE  
4007 TERRACE HEIGHTS DR.

TH. COMMUNITY ASSOCIATION  
4011 COMMONWEALTH RD.

YAKIMA COUNTRY CLUB  
500 COUNTRY CLUB DR.

TERRACE LLC.  
4201 MAPLE AVE.

TERRACE PARK APARTMENTS  
3910 POLLY AVE.

DEL MONTE  
2506 TERRACE HEIGHTS DR.

WILSON LOGISTICS  
3710 GUN CLUB RD.

LDS CHURCH  
105 HILLCREST DR.

TH. ASSEMBLY OF GOD CHURCH  
4101 MAPLE AVE.

TERRACE HEIGHTS FOOD MART / CHERVON  
2412 TERRACE HEIGHTS DR.

BENNER INSURANCE  
2800 TERRACE HEIGHTS DR.

HR FOOD MART  
2501 TERRACE HEIGHTS DR.

LYLE BONNY  
112 S. 39<sup>TH</sup> ST.

WEA MIDSTATE  
711 N. KEYS RD.

VALLEY HILLS FUNERAL HOME  
2600 BUSINESS LN.

STONE TERRACE BUILDING  
4040 TERRACE HEIGHTS DR.

# THSD COMMERCIAL ACCOUNTS

GRAY & OSBORNE  
180 IRON HORSE CT.

PACIFIC NW UNIVERSTY  
200 UNIVERSITY PARKWAY

PACIFIC STEEL & RECYCLING  
409 BUTTERFIELD RD.

JAMES PENNING  
2316 TERRACE HEIGHTS DR.

CLASSIC AUTO WASH  
106 S. 39<sup>TH</sup> ST.

VUE FORTY-TWO  
4188 NOLA LOOP RD.

H R SPINNER  
717 BUTTERFIELD RD.

UNIVERSITY PARKWAY APPARTMENT  
500 UNIVERSTY PARKWAY

ABSD STORAGE  
161 KEYS RD.

WASHINGTON CENTRAL CARWASH  
2901 STONEWOOD CT.

LEXAR HOMES  
150 KEYS RD.

PARKWAY SECURE STORAGE  
1207 UNIVERSITY PARKWAY

ALWAYS TRANSPORT  
1006 S. KEYS RD.

BLINSKY TRUCKING  
210 KEYS RD.

S&C PROPERTIES  
101 BUTTERFIELD RD.

HAPO CREDIT UNION  
3001 STONEWOOD CT.

CADWELL STUDENT CENTER  
3110 INSPIRATION DR.

YAKIMA RIVERSIDE STORAGE  
1303 UNIVERSITY PARKWAY

DISTILLARUIM  
2305 INDUSTARY LN.

YAK. VALLEY FARM WORKERS CLINIC  
601 N. KEYS RD.

SAGE FRUIT  
191 IRON HORSE CT.

ARS TRANSPORT  
1003 UNIVERSITY PARKWAY

TIMOTHY JOSEPH SURBER AGENCY  
2961 STONEWOOD CT. SUITE B

CLEAN TANK  
1203 UNIVERSITY PARKWAY

HILLCREST ARMS  
4507 HILLCREST DR.

TH. EVANGELICAL PRSBY CHURCH  
4303 MAPLE CT.

YAKIMA CHODAE CHURCH  
410 N. 37<sup>TH</sup> ST.

EDLER INVESTMENTS  
305 & 307 N. 33<sup>RD</sup> ST.

7-ELEVEN STORE  
3908 TERRACE HEIGHTS RD.

PROVISIONS RESTAURANT & MARKET  
2710 TERRACE HEIGHTS DR.

# THSD COMMERCIAL ACCOUNTS

THOMPSON GAS COMPANY  
1617 S. KEYS RD.

TH. DENTAL CENTER  
112 S. 39<sup>TH</sup> ST.

YAKIMA WASTE SYSTEMS  
2812 ½ TERRACE HEIGHTS DR.

VOLTUION FITNESS  
2500 BUSINESS LN.

YAKIMA NEIGHBORHOOD HEALTH  
2501 BUSINESS LN.

SPIRIT ALIVE CHURCH  
3601 MOUNTAINVIEW AVE.

LEAP AHEAD CHILD DEVELOPMENT  
641 N. KEYS RD.

FRITO LAY  
2300 INDUSTRY LN.

IRON HORSE REAL ESTATE  
111 UNVERISITY PARKWAY SUITE #200

LEXAR HOMES  
2410 TERRACE HEIGHTS DR.

YAKIMA REGIONAL CLEAN AIR AUTHORITIES  
186 IRON HORSE CT. SUITE # 101

DOUBLE SHOT  
2800 TERRACE HEIGHTS DR.

JUNIOR ACHIEVEMENT  
650 UNIVERSITY PARKWAY

CENTRAL MECHANICAL  
2601 BUSSINESS LN.

HR FOOD MART / CARWASH  
2501 TERRACE HEIGHTS DR.

PACIFIC NW UNIVERSITY OF HEALTH SCIENCE  
3200 INSPARATION

RELAX & RESTORE  
1001 UNIVERSITY PARKWAY

YAK. VALLEY FARM WORKERS CLINC PHARMACY  
2601 COMMERCE LN.

PET PANTRY  
2961 STONEWOOD CT. SUITE # A

C&S COFFEE HOUSE  
2961 STONE WOOD CT. SUITE # C

EAGLE SIGNS  
1511 S. KEYS RD.

HEAVERLO ACTION  
1212 KEYS RD.

UNITED CHRISTIAN CHURCH OF YAK.  
317 S. 41<sup>ST</sup> ST.

YAKIMA CO-OP FUEL STATION  
201 BUTTERFIELD RD.

YAKIMA CO. MOSQUITO CONTROL DIST. #1  
618 S. 41<sup>ST</sup> ST.

EAST VALLEY F.D  
4007 COMMONWEALTH RD.

PUBLIC HOUSE EAST  
171 IRON HORSE CT.

MAVERICK INC.  
66 N. KEYS RD.

SKYLINE VINEYARD MHC LLC.  
2205 BUTTERFIELD RD.

SUN COUNTRY ESTATE MHP  
3701 GUN CLUB RD.

# THSD COMMERCIAL ACCOUNTS

QUAIL RUN RETIREMENT COM.  
200 BRIDLE WAY

YAKIMA COUNTRY CLUB  
500 COUNTRY CLUB DR.

**APPENDIX C**  
**CITY OF MOXEE**  
**ANNUAL PRETREATMENT REPORT**



# City of Moxee

Date: February 9, 2024

To: Jeff Alderson  
Manager, Terrace Heights Sewer District

Subject: Annual Report

Jeff,

Please find attached the City of Moxee 2023 Annual Pretreatment Report.

The City of Moxee has two significant Industrial users which do not have a State Discharge permit, they do business as Bale Breaker Brewing Company which operates a brewery and tasting room. In 2021 Bale Breakers began installation of holding tanks with the intentions of trucking the high strength waste off site. The installation has been completed and a sampling site has been constructed. Testing equipment has been inconsistent and sent back for repairs but is now back in and testing results are being submitted. The tanks that had been installed in 2021 were just pumped and cleaned. Moxee is currently still working with Bale Breakers to improve the pretreatment at this location.

The second site is the Moxee Super Wash. The touchless vehicle wash site has an oil and sediment separator.

The City of Moxee has conducted monthly sampling and testing which has been sent to you on a monthly basis. The documentation can be added to this report at your request. Also attached is an updated non domestic inventory list.

The City will continue to work towards improving our pretreatment program and this report, feel free to comment on any of the areas that need improvement it would also be helpful if you could let me know if and when you would like us to sample at our metering and monitoring station.

Sincerely,  
Jeff Burkett  
City of Moxee Supervisor

## City of Moxee

### 2023 Non-Residential Users (75)

Ace Hardware	Duffield RD 7702	JJ's Birrieria Moxee LLC	Seattle Ave, W 304, Suite E
Alexandria Moulding Inc	Grant Way 101	Tikki's	Prospect Pl, W 301, G
Anytime Fitness	Seattle Ave, W 304, Suite B	KS Moxee, LLC	Postma Rd 7208
Bale Breaker Brewing Co	Birchfield RD 1801	La Dona	Moxee Ave E 108 B
Bella Brew LLC	Seattle Ave, W 304, Suite A	Loncheras Mar Y Tierra Catering LLC	Holly DR, S 110
Blue Line Manufacturing	Spokane St, N 105	Los Hernandez Tamales	Postma Rd 8100, Unit 4
Brookside Funeral Home	Prospect PL, W 500	Marthini, Shellie	Prospect Pl, W 301, F
C.A. Land, LLC	Postma RD 8300	Mary's Beauty Salon	Iler ST, S 201
Cafe, Mugshotz	Rivard Rd, S 101, B	Moxee Auto Sales	Rivard Rd, N 107
CALCOE Credit Union	Moxee Ave, W 223	Moxee Carwash	Moxee Ave, E 206
Campbell CPA	Prospect Pl, W 301, A	Moxee Elementary	Seattle Ave, E 528
Coleman Oil	Postma Rd 7540	Moxee Pizza	Seattle Ave, W 304, Suite D
Moxee Laundry	Moxee Ave, E 107	New York Teriyaki	Moxee Ave, E 214
D & M Chemical, Inc	Charron RD, W 112	Ojeda, Willie	Iler ST, N 109
DIRECTV/AT&T Services Site#LT7N7E	Grant Way 106	Olympic Fruit	Beaudry RD 2450
Doctor's Pharmacy	Prospect Pl, W 301, E	Painted Rooster, LLC	Postma Rd 7531
Easy's Granite LLC	Iler St, N 109, B	Poppoff, Inc	Beaudry RD 2455
East Valley, School District	Beaudry RD 2002	Precision Industrial Equipment	Postma Rd 8100, Unit 3
EV Epic	Seattle Ave, E 316	Tacos El Gruello	Iler ST, S 102
EV Reformed Church	Mieras Rd 7203	Salon Contempo	Moxee Ave, E 111
EV Transportation Shop	Beaudry Rd 1981	Selah-Moxee Irrigation	Moxee Ave, E 113
EV Mini Storage	Charron RD, W 201	Serengeti Care	Prospect Pl, W 301, H
EV Central	Beaudry RD 2010	Sharp's Automotive Serv	Moxee Ave, E 208
EV Elementary	Beaudry RD 1951	Sharp's Fabricating	Moxee Ave, E 212
EV High School	Beaudry RD 1900	Simplot Soilbuilder	Postma Rd 7528
EV Old Moxee Elementary	Seattle Ave, E 408	Sister's Boutique Moxee	Seattle Ave, W 304, Suite C
Evans Electrical	Postma Rd 8100, Unit 2	Springbrook Farms	Postma Rd 7511
Far West Fabricators	Postma Rd 7537	Suburban Propane	Postma Rd 8460
Fire Dist #4, Yakima Co.	Rivard Rd, S 104	Super 7	Seattle Ave, W 300
Fire Dist #4, Yakima Co.	Beaudry RD 2003	Super Wash Moxee	Seattle Ave, W 302
GBBE LLC	Postma Rd 8100, Main Building	The Barber Shop	Rivard Rd, S 101, A
Moxee Market	Iler ST, S 105	The Complete K9	Moxee Ave E 108 A
Gimlin, Steve	Charron RD, W 207	Ultra Yield, Inc	Moxee Ave, W 213
Haywood, Levi	Spokane St, N 106	US Post Office	Seattle Ave, E 202
Holy Rosary CCD Hall	Ana Clara Way 306	Slow Burn	Seattle Ave, W 304, Suite F
Holy Rosary Parrish	Iler ST, N 201	Yakima, Gateswingers of	Charron RD, E 207
Hop Country Bar & Grill LLC	Iler ST, S 108	Zayd's Favorites	Moxee Ave, E 109
Hoptown	Prospect PL, W 503		

## City of Moxee Industrial User List 2023 Pretreatment Report

	<u>Description</u>	<u>Status</u>	<u>Activity</u>	<u>State Waste Discharge Permit</u>
<b>1 Name :</b>	<b>Bale Breaker Brewery</b>	Active		No
<b>Address:</b>	1801 Birchfield Road	Currently working with Bale Breakers on pretreatment process		
<b>Contact:</b>	Meghann Quinn			
<b>Phone Number:</b>	509-731-5922			
<b>Parcel Number:</b>	291334-12404			
<b>2 Name :</b>	<b>Super Wash Moxee</b>	Active		No
<b>Address:</b>	302 W Seattle Ave	Oil seperator		
<b>Contact:</b>	Jaime De La Torre			
<b>Phone Number:</b>	509-877-3955			
<b>Parcel Number:</b>	191201-23406			

**APPENDIX D**  
**TERRACE HEIGHTS SEWER DISTRICT**  
**SAMPLE RESULTS**

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Jeff Alderson  
Terrace Heights Sewer District  
186 Iron Horse Ct  
Suite 100  
Yakima, Washington 98901

Generated 4/10/2023 12:18:59 PM

**JOB DESCRIPTION**

Terrace Heights Sewer District Wastewater

**JOB NUMBER**

580-125249-1

# Eurofins Seattle

## Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

## Authorization



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Authorized for release by  
Heather Holdener, Project Management Assistant I  
[Heather.Grable@et.eurofinsus.com](mailto:Heather.Grable@et.eurofinsus.com)  
(253)922-2310

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Case Narrative . . . . .	4
Definitions . . . . .	5
Client Sample Results . . . . .	6
QC Sample Results . . . . .	10
Chronicle . . . . .	11
Certification Summary . . . . .	12
Sample Summary . . . . .	13
Chain of Custody . . . . .	14
Receipt Checklists . . . . .	16

## Case Narrative

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

---

**Job ID: 580-125249-1**

---

**Laboratory: Eurofins Seattle**

Narrative

---

**Job Narrative**  
**580-125249-1**

### Receipt

The samples were received on 3/28/2023 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.0°C

### Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: Clasic Car Wash (580-125249-1), Auto Spa (580-125249-2), Shell Car Wash (580-125249-3) and Pacific Steel (580-125249-4). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

### General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

## Definitions/Glossary

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

### Qualifiers

#### General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Client Sample Results

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

**Client Sample ID: Clasic Car Wash**

**Lab Sample ID: 580-125249-1**

**Date Collected: 03/28/23 13:24**

**Matrix: Water**

**Date Received: 03/28/23 16:00**

General Chemistry										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
HEM (Oil & Grease) (1664A)	59.0		5.3	1.6	mg/L		04/07/23 18:45	04/07/23 21:35	1	

# Client Sample Results

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

**Client Sample ID: Auto Spa**

**Lab Sample ID: 580-125249-2**

Date Collected: 03/28/23 13:30

Matrix: Water

Date Received: 03/28/23 16:00

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease) (1664A)	3.3	J	5.1	1.5	mg/L		04/07/23 18:45	04/07/23 21:35	1

# Client Sample Results

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

**Client Sample ID: Shell Car Wash**

**Lab Sample ID: 580-125249-3**

**Date Collected: 03/28/23 13:37**

**Matrix: Water**

**Date Received: 03/28/23 16:00**

General Chemistry										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
HEM (Oil & Grease) (1664A)	4.7	J	5.5	1.7	mg/L		04/07/23 18:45	04/07/23 21:35	1	

# Client Sample Results

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

**Client Sample ID: Pacific Steel**

**Lab Sample ID: 580-125249-4**

**Date Collected: 03/28/23 14:00**

**Matrix: Water**

**Date Received: 03/28/23 16:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease) (1664A)	4.7	J	6.0	1.8	mg/L		04/07/23 18:45	04/07/23 21:35	1

## QC Sample Results

Client: Terrace Heights Sewer District  
 Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

### Method: 1664A - HEM and SGT-HEM

**Lab Sample ID: MB 580-422721/1-A**  
**Matrix: Water**  
**Analysis Batch: 422723**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 422721**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.1	1.5	mg/L		04/07/23 18:45	04/07/23 21:35	1

**Lab Sample ID: LCS 580-422721/2-A**  
**Matrix: Water**  
**Analysis Batch: 422723**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 422721**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
HEM (Oil & Grease)	39.1	33.53		mg/L		86	78 - 114

**Lab Sample ID: LCSD 580-422721/3-A**  
**Matrix: Water**  
**Analysis Batch: 422723**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 422721**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
HEM (Oil & Grease)	39.6	33.56		mg/L		85	78 - 114	0	18

## Lab Chronicle

Client: Terrace Heights Sewer District  
 Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

**Client Sample ID: Clasic Car Wash**

Date Collected: 03/28/23 13:24  
 Date Received: 03/28/23 16:00

**Lab Sample ID: 580-125249-1**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1664A			422721	FCG	EET SEA	04/07/23 18:45
Total/NA	Analysis	1664A		1	422723	FCG	EET SEA	04/07/23 21:35

**Client Sample ID: Auto Spa**

Date Collected: 03/28/23 13:30  
 Date Received: 03/28/23 16:00

**Lab Sample ID: 580-125249-2**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1664A			422721	FCG	EET SEA	04/07/23 18:45
Total/NA	Analysis	1664A		1	422723	FCG	EET SEA	04/07/23 21:35

**Client Sample ID: Shell Car Wash**

Date Collected: 03/28/23 13:37  
 Date Received: 03/28/23 16:00

**Lab Sample ID: 580-125249-3**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1664A			422721	FCG	EET SEA	04/07/23 18:45
Total/NA	Analysis	1664A		1	422723	FCG	EET SEA	04/07/23 21:35

**Client Sample ID: Pacific Steel**

Date Collected: 03/28/23 14:00  
 Date Received: 03/28/23 16:00

**Lab Sample ID: 580-125249-4**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1664A			422721	FCG	EET SEA	04/07/23 18:45
Total/NA	Analysis	1664A		1	422723	FCG	EET SEA	04/07/23 21:35

**Laboratory References:**

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

## Accreditation/Certification Summary

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

---

### Laboratory: Eurofins Seattle

The accreditations/certifications listed below are applicable to this report.

---

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-23

## Sample Summary

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer District Wastewater

Job ID: 580-125249-1

---

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
580-125249-1	Clasic Car Wash	Water	03/28/23 13:24	03/28/23 16:00
580-125249-2	Auto Spa	Water	03/28/23 13:30	03/28/23 16:00
580-125249-3	Shell Car Wash	Water	03/28/23 13:37	03/28/23 16:00
580-125249-4	Pacific Steel	Water	03/28/23 14:00	03/28/23 16:00



3019 G. S. Center Rd.  
Wenatchee, WA 98801  
(509) 662-1888  
Fax: (509) 662-8183  
1-800-545-4206

1008 W. Ahtanum Rd.  
Union Gap, WA 98903  
(509) 452-7707  
Fax: (509) 452-7773

**CASCADE ANALYTICAL**

**WATER ANALYSIS ORDER FORM**

10/2023

Batch#	SAMPLE #			
SEND RESULTS TO	1	2	3	4
1) Client 2) Billing 3) Both				
SAMPLE REPRESENTS				
1) Irrigation 2) Waste Water 3) Other				
SAMPLE BY				
1) Client 2) Quality Control 3) Cascade 4) Other				

CLIENT NAME/ADDRESS  
**TERRACE HEIGHTS SEWER DISTRICT**  
**1801 RIVERSIDE RD.**  
**YAKIMA, WA 98942**  
SAMPLER'S NAME  
**Ron Buraw**

BILLING NAME/ADDRESS  
**8° blue ice, no tubs, HD, med blue, OR. 4**  
  
580-125249 Chain of Custody  
New Acct #  
Loc: 580  
**125249**

(see legend on back) SAMPLE #

IRRIGATION WATER	1	2	3	4	5
Standard					

GENERAL CHEMISTRY

pH					
Conductivity					
Solids-Dis. (TDS)					
Solids-Susp. (TSS)					
Tot. Phosphorus					
1250 Orthophosphate					
1280 Kjeldahl Nitrogen (TKN)					
1170 Nitrate+Nitrite					
1265 NO <sub>3</sub> (As N)					
1280 Ammonia					
1300 Biol Oxy Demand					
1310 Chem Oxy Demand					
1190 Sulfate (SO <sub>4</sub> )					
1180 Chloride (Cl)					
1150 Turbidity					
1320 Hexane Ext. Mat	X	X	X	X	
1340 Alkalinity					
217 Total N Pkg					

E-mail jeff.alderson@ca.yakima.wa.us E-mail

RELINQUISHED BY: (Signature) [1]	DATE	RELINQUISHED BY: (Signature) [2]	DATE	RELINQUISHED BY: (Signature) [3]	DATE
<i>[Signature]</i>	3-28-23	<i>[Signature]</i>	3-28		
(Printed)	TIME	(Printed)	TIME	(Printed)	TIME
Ron J. Buraw	2:25	Richie H.	14:32		
RECEIVED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE	RECEIVED FOR LAB BY: (Signature)	DATE
<i>[Signature]</i>	3-28	<i>[Signature]</i>	3/30		
(Printed)	TIME	(Printed)	TIME	(Printed)	TIME
Richie H.	16:00	Madison Prigge	09:30		

FORM MUST BE COMPLETED BEFORE ANALYSIS WILL BE PERFORMED.

1	CLASIC CAR WASH	Sample Date	3-28-23
		Sample Time	1:24
2	AUTO SPA	Sample Date	3-28-23
		Sample Time	1:30
3	SHELL CAR WASH	Sample Date	3-28-23
		Sample Time	1:37
4	<del>PACIFIC</del>	Sample Date	
		Sample Time	
5	PACIFIC STEEL	Sample Date	3-28-23
		Sample Time	2:00

MICROBIOLOGY

10040 Total Coliform MF					
10010 Fecal Coliform MF					
10041 Total Coliform MPN					
10011 Fecal Coliform MPN					

METALS - TOTAL OR DISSOLVED

1391 Antimony (Sb)					
1011 Arsenic (As)					
1025 Barium (Ba)					
1405 Beryllium (Be)					
1031 Cadmium (Cd)					
1045 Chromium (Cr)					
1215 Copper (Cu)					
1065 Iron (Fe)					
1075 Manganese (Mn)					
1081 Mercury (Hg)					
1435 Molybdenum (Mo)					
1051 Lead (Pb)					
1335 Nickel (Ni)					
1091 Selenium (Se)					
1105 Silver (Ag)					
1381 Thallium (Tl)					
1225 Zinc (Zn)					

MINERALS

1120 Calcium (Ca)					
1130 Magnesium (Mg)					
1115 Potassium (K)					
1110 Sodium (Na)					

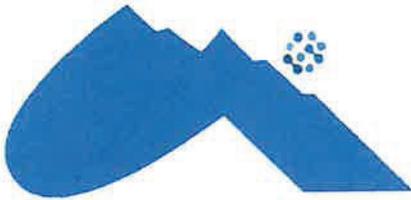
\*METALS - circle type of analysis - T=total or D=dissolved  
Total N package = TKN, NO<sub>3</sub>, NO<sub>2</sub>, NH<sub>3</sub>  
Sample container received by client was sealed Yes \_\_\_\_\_ No \_\_\_\_\_  
Sample container received by laboratory was sealed Yes \_\_\_\_\_ No \_\_\_\_\_

Disclaimer:  
Cascade Analytical, Inc., makes no warranty of any kind, expressed or implied, and customer assumes all risk and liability from the use of Cascade's test results. Cascade neither assumes nor authorizes any person to assume for Cascade any other liability in connection with the testing done by Cascade Analytical, Inc., and there are no other oral agreements or warranties collateral to or affecting this agreement  
Cascade Analytical Inc.'s liability to customer as a result of customers use of Cascade's test results shall be limited to a sum equal to the fees paid by customer to Cascade Analytical, Inc. for the testing work.

Customer Signature: *[Signature]* Date 3-28-23

This form also serves as "Chain of Custody."  
CAICOF - 03

Page 14 of 16



3019 G S Center Rd  
Wenatchee WA 98801  
(509) 662-1888  
Fax (509) 662-8183  
1-800-545-4206

1008 W Ahtanum Rd  
Union Gap WA 98903  
(509) 452-7707  
Fax (509) 452-7773

**CASCADE ANALYTICAL**

**WATER ANALYSIS ORDER FORM**

Batch#	SAMPLE #				
SEND RESULTS TO 1) Client 2) Billing 3) Both	1	2	3	4	5
SAMPLE REPRESENTS 1) Irrigation 2) Waste Water 3) Other					
SAMPLE BY 1) Client 2) Quality Control 3) Cascade 4) Other					

8. blue ice no bubs, HD, max blue, CR 4

CLIENT NAME/ADDRESS  
**TORRICE HEIGHTS SEWER DISTRICT**  
**1801 RIVERSIDE RD.**  
**YAKIMA, WA 98942**  
SAMPLER'S NAME  
**Ron Buraw**

BILLING NAME/ADDRESS  
  
580-125249 Chain of Custody  
New Acct #  
Loc: 580  
**125249**

see legend on back

IRRIGATION WATER	1	2	3	4	5
Standard					
GENERAL CHEMISTRY					
pH					
Conductivity					
Solids-Dis (TDS)					
Solids-Susp (TSS)					
Total Phosphorus					
1250 Orthophosphate					
1260 Kjeldahl Nitrogen (TKN)					
1170 Nitrate-Nitrite					
1265 NO <sub>3</sub> (As N)					
1260 Ammonia					
1300 Biol. Oxy Demand					
1310 Chem. Oxy Demand					
1190 Sulfate (SO <sub>4</sub> )					
1180 Chloride (Cl)					
1150 Turbidity					
1320 Hexane Ext. Mat	X	X	X	X	X
1340 Alkalinity					
217 Total N Pkg					

E-mail [jeff.alderson@co.yakima.wa.us](mailto:jeff.alderson@co.yakima.wa.us)

E-mail

RELINQUISHED BY (Signature) 1	DATE	RELINQUISHED BY (Signature) 2	DATE	RELINQUISHED BY (Signature) 3	DATE
<i>[Signature]</i>	3-28-23				
(Printed)	TIME	(Printed)	TIME	(Printed)	TIME
Ron J. Buraw	2:25				
RECEIVED BY (Signature)	DATE	RECEIVED BY (Signature)	DATE	RECEIVED FOR LAB BY (Signature)	DATE
<i>[Signature]</i>	3-28				
(Printed)	TIME	(Printed)	TIME	(Printed)	TIME
Richie H.	12:00				

FORM MUST BE COMPLETED BEFORE ANALYSIS WILL BE PERFORMED.

1	CLASIC CAR WASH	Sample Date	3-28-23
		Sample Time	1:24
2	AUTO SPA	Sample Date	3-28-23
		Sample Time	1:30
3	SHELL CAR WASH	Sample Date	3-28-23
		Sample Time	1:37
4	<del>PACIFIC STEEL</del>	Sample Date	
		Sample Time	
5	PACIFIC STEEL	Sample Date	3-28-23
		Sample Time	2:00

MICROBIOLOGY					
1104	Total Coliform MF				
10010	Fecal Coliform MF				
10041	Total Coliform MPN				
10011	Fecal Coliform MPN				
METALS - TOTAL OR DISSOLVED					
1391	Antimony (Sb)				
1011	Arsenic (As)				
1025	Barium (Ba)				
1405	Beryllium (Be)				
1031	Cadmium (Cd)				
1045	Chromium				
1215	Copper (Cu)				
1065	Iron (Fe)				
1075	Manganese (Mn)				
1081	Mercury (Hg)				
1435	Molybdenum (Mo)				
1051	Lead (Pb)				
1335	Nickel (Ni)				
1091	Selenium (Se)				
1105	Silver (Ag)				
1381	Thallium (Tl)				
1225	Zinc (Zn)				
MINERALS					
1120	Calcium (Ca)				
1130	Magnesium (Mg)				
1115	Potassium (K)				
1110	Sodium (Na)				4/10/2023

\*METALS - circle type of analysis - T=total or D=dissolved  
Total N package = TKN, NO<sub>3</sub>, NO<sub>2</sub>, NH<sub>3</sub>  
Sample container received by client was sealed Yes  No   
Sample container received by laboratory was sealed Yes  No

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Cascade Analytical Inc.'s liability to customer as a result of customers use of Cascade's test results shall be limited to a sum equal to the fees paid by customer to Cascade Analytical Inc. for the testing work.

Customer Signature *[Signature]*

Date 3-28-23

This form also serves as "Chain of Custody."

## Login Sample Receipt Checklist

Client: Terrace Heights Sewer District

Job Number: 580-125249-1

**Login Number: 125249**

**List Source: Eurofins Seattle**

**List Number: 1**

**Creator: Hochrein, Richard 1**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Jeff Alderson  
Terrace Heights Sewer District  
186 Iron Horse Ct  
Suite 100  
Yakima, Washington 98901

Generated 8/23/2023 2:09:02 PM

**JOB DESCRIPTION**

Terrace Heights Sewer

**JOB NUMBER**

580-130559-1

# Eurofins Seattle

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

## Authorization



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Authorized for release by  
Emily Wengrowski, Project Management Assistant II  
[emily.wengrowski@et.eurofinsus.com](mailto:emily.wengrowski@et.eurofinsus.com)  
(253)922-2310

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Case Narrative . . . . .	4
Definitions . . . . .	5
Client Sample Results . . . . .	6
QC Sample Results . . . . .	11
Chronicle . . . . .	12
Certification Summary . . . . .	13
Sample Summary . . . . .	14
Chain of Custody . . . . .	15
Receipt Checklists . . . . .	17

# Case Narrative

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

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**Job ID: 580-130559-1**

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**Laboratory: Eurofins Seattle**

**Narrative**

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**Job Narrative**  
**580-130559-1**

**Receipt**

The samples were received on 8/15/2023 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 22.0°C

**Receipt Exceptions**

The following samples were received at the laboratory outside the required temperature criteria: Classic Car Wash (580-130559-1), Flaming J's (580-130559-2), Auto Spa (580-130559-3), Provisions (580-130559-4) and Shell Car Wash (580-130559-5). The samples are considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

**General Chemistry**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

## Definitions/Glossary

Client: Terrace Heights Sewer District  
 Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Client Sample Results

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

**Client Sample ID: Classic Car Wash**

**Lab Sample ID: 580-130559-1**

**Date Collected: 08/15/23 14:10**

**Matrix: Water**

**Date Received: 08/15/23 15:00**

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease) (1664A)	17.7		4.8	1.4	mg/L		08/22/23 17:51	08/22/23 22:03	1

# Client Sample Results

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

**Client Sample ID: Flaming J's**

**Lab Sample ID: 580-130559-2**

**Date Collected: 08/15/23 14:14**

**Matrix: Water**

**Date Received: 08/15/23 15:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease) (1664A)	11.9		4.8	1.4	mg/L		08/22/23 17:51	08/22/23 22:03	1

# Client Sample Results

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

**Client Sample ID: Auto Spa**

**Lab Sample ID: 580-130559-3**

Date Collected: 08/15/23 14:21

Matrix: Water

Date Received: 08/15/23 15:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease) (1664A)	7.8		4.8	1.4	mg/L		08/22/23 17:51	08/22/23 22:03	1

# Client Sample Results

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

**Client Sample ID: Provisions**

**Lab Sample ID: 580-130559-4**

Date Collected: 08/15/23 14:31

Matrix: Water

Date Received: 08/15/23 15:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease) (1664A)	10.4		4.8	1.4	mg/L		08/22/23 17:51	08/22/23 22:03	1

# Client Sample Results

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

**Client Sample ID: Shell Car Wash**

**Lab Sample ID: 580-130559-5**

**Date Collected: 08/15/23 14:40**

**Matrix: Water**

**Date Received: 08/15/23 15:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease) (1664A)	9.3		4.7	1.4	mg/L		08/22/23 17:51	08/22/23 22:03	1

## QC Sample Results

Client: Terrace Heights Sewer District  
 Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

### Method: 1664A - HEM and SGT-HEM

**Lab Sample ID: MB 580-435461/1-A**  
**Matrix: Water**  
**Analysis Batch: 435487**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 435461**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
HEM (Oil & Grease)	ND		5.2	1.6	mg/L		08/22/23 17:51	08/22/23 22:03	1

**Lab Sample ID: LCS 580-435461/2-A**  
**Matrix: Water**  
**Analysis Batch: 435487**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 435461**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							Lower	Upper
HEM (Oil & Grease)	40.5	34.85		mg/L		86	78	114

**Lab Sample ID: LCSD 580-435461/3-A**  
**Matrix: Water**  
**Analysis Batch: 435487**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 435461**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
							Lower	Upper	RPD	Limit
HEM (Oil & Grease)	40.2	33.63		mg/L		84	78	114	4	18

# Lab Chronicle

Client: Terrace Heights Sewer District  
 Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

**Client Sample ID: Classic Car Wash**

**Lab Sample ID: 580-130559-1**

Date Collected: 08/15/23 14:10

Matrix: Water

Date Received: 08/15/23 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1664A			435461	CSS	EET SEA	08/22/23 17:51
Total/NA	Analysis	1664A		1	435487	FCG	EET SEA	08/22/23 22:03

**Client Sample ID: Flaming J's**

**Lab Sample ID: 580-130559-2**

Date Collected: 08/15/23 14:14

Matrix: Water

Date Received: 08/15/23 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1664A			435461	CSS	EET SEA	08/22/23 17:51
Total/NA	Analysis	1664A		1	435487	FCG	EET SEA	08/22/23 22:03

**Client Sample ID: Auto Spa**

**Lab Sample ID: 580-130559-3**

Date Collected: 08/15/23 14:21

Matrix: Water

Date Received: 08/15/23 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1664A			435461	CSS	EET SEA	08/22/23 17:51
Total/NA	Analysis	1664A		1	435487	FCG	EET SEA	08/22/23 22:03

**Client Sample ID: Provisions**

**Lab Sample ID: 580-130559-4**

Date Collected: 08/15/23 14:31

Matrix: Water

Date Received: 08/15/23 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1664A			435461	CSS	EET SEA	08/22/23 17:51
Total/NA	Analysis	1664A		1	435487	FCG	EET SEA	08/22/23 22:03

**Client Sample ID: Shell Car Wash**

**Lab Sample ID: 580-130559-5**

Date Collected: 08/15/23 14:40

Matrix: Water

Date Received: 08/15/23 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1664A			435461	CSS	EET SEA	08/22/23 17:51
Total/NA	Analysis	1664A		1	435487	FCG	EET SEA	08/22/23 22:03

**Laboratory References:**

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

## Accreditation/Certification Summary

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

### Laboratory: Eurofins Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-23 *

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Seattle

# Sample Summary

Client: Terrace Heights Sewer District  
Project/Site: Terrace Heights Sewer

Job ID: 580-130559-1

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<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
580-130559-1	Classic Car Wash	Water	08/15/23 14:10	08/15/23 15:00
580-130559-2	Flaming J's	Water	08/15/23 14:14	08/15/23 15:00
580-130559-3	Auto Spa	Water	08/15/23 14:21	08/15/23 15:00
580-130559-4	Provisions	Water	08/15/23 14:31	08/15/23 15:00
580-130559-5	Shell Car Wash	Water	08/15/23 14:40	08/15/23 15:00

Chain of Custody Record



<b>Client Information</b>		Client Contact: <b>Jeff Alderson</b>	Phone: <b>509-426-0031</b>	Lab P/N	Carrier/Tracking No(s)	COC No		
Company: <b>TERRACE HEIGHTS SEWER</b>		Address: <b>1801 RIVERSIDE ROAD</b>	City: <b>YAKIMA</b>	State of Origin	Page: <b>Page 1 of 1</b>	Job #		
State/Zip: <b>WA, 98901</b>		Due Date Requested:	Phone: <b>509-952-6874</b>	Analysis Requested	Preservation Codes:			
Email: <b>jeff.alderon@eurofins.com</b>		Compliance Project: <b>Δ Yes Δ No</b>	Project #	A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - NaOH G - Ascorbic Acid H - Ice I - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Metal, Solid, Overwater, Brittle Mat)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Special Instructions/Note:
CLASSIC CAR WASH		8-15-23	2:10	G	W	X	X	
FLAMING 3'S		8-15-23	2:14	G	W	X	X	
PAVE SPA		8-15-23	2:21	G	W	X	X	
PROVISIONS		8-15-23	2:31	G	W	X	X	
Shell core WASH		8-15-23	2:40	G	W	X	X	
580-130559 Chain of Custody		Loc: 580		130559				
Possible Hazard Identification		Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological <input type="checkbox"/>		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months		
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:				
Relinquished by: <b>X</b>		Date/Time: <b>8-15-23 3:00</b>	Company: <b>EETNU</b>	Received by: <b>[Signature]</b>		Date/Time: <b>8-15-23 15:00</b>	Company: <b>EETNU</b>	
Relinquished by: <b>[Signature]</b>		Date/Time: <b>8-10-23 13:55</b>	Company: <b>EETNU</b>	Received by: <b>[Signature]</b>		Date/Time: <b>8-17-23 09:35</b>	Company: <b>EETNU</b>	
Custody Seals Intact: <b>Δ Yes Δ No</b>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <b>22° Dry Ice on hubs HD med blue OR 4</b>				

# Chain of Custody Record



Client Information		Sampler	Lab PM	Carrier (acking No.)	SOC No			
Client Contact: <b>Jeff Alderson</b>		Name: <b>Ron Buraw</b>		State of Origin	Page 1 of 1			
Company: <b>TERRACE HEIGHTS SEWER</b>		Phone: <b>509-426-0031</b>		Job #				
Address: <b>1801 RIVERSIDE ROAD</b>				Analysis Requested				
City: <b>YAKIMA</b>				Due Date Requested				
State: <b>WA</b> , Zip: <b>98901</b>				TAT Requested (days)				
Phone: <b>509-952-6874</b>				Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No				
E-mail: <b>jeff.alderon@e.yakima.wa.us</b>				Purchase Order not required				
Project Name				WD #				
Site				Project #				
				SSOW#				
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=soil, D=dewpoint, A=air)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Special Instructions/Note:
CLASSIC CAR WASH	8-15-23	2:10	G	W		X		
FLAMING J'S	8-15-23	2:14	G	W		X		
PAUTO SPA	8-15-23	2:21	G	W		X		
PROVISIONS	8-15-23	2:31	G	W		X		
SHELL CAR WASH	8-15-23	2:40	G	W		X		
 Loc: 580 <b>130559</b> 580-130559 Chain of Custody								
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radioisotopic Denatured Requested I, II, III, IV, Other (specify)						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		
Empty Kit Relinquished by						Method of Shipment		
Relinquished by <b>X K. P. H.</b>		Date/Time	Company	Received by <b>[Signature]</b>		Date/Time	Company	
Relinquished by		Date/Time	Company	Received by		Date/Time	Company	
Relinquished by		Date/Time	Company	Received by		Date/Time	Company	
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <b>22°C OR MORE HD MARK BLUE CR 4</b>				

## Login Sample Receipt Checklist

Client: Terrace Heights Sewer District

Job Number: 580-130559-1

**Login Number: 130559**

**List Source: Eurofins Seattle**

**List Number: 1**

**Creator: Stubblefield, Gunnar 1**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

**Client:** Clean Tank Technologies  
**Address:** 1203 University Pkwy  
Yakima, WA 98901  
**Attn:** Clean Tank Technologies

**Work Order:** YEA0310  
**Project:** HEM/FOG  
**Reported:** 1/22/2024 10:08

## Analytical Results Report

**Sample Location:** 0128901I  
**Lab/Sample Number:** YEA0310-01      **Collect Date:** 01/16/24 11:00  
**Date Received:** 01/16/24 12:44      **Collected By:** Kyle Saenz  
**Matrix:** Water

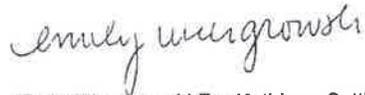
Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
<b>Hydrocarbons</b>							
n-Hexane Extractable Material	120	mg/L	4.00	1/19/24 15:37	EMG	EPA 1664B	

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---

Authorized Signature,



Emily Wengrowski For Kathleen Sattler, Laboratory Manager

PQL        Practical Quantitation Limit  
ND         Not Detected  
MCL        EPA's Maximum Contaminant Level  
Dry         Sample results reported on a dry weight basis  
\*            Not a state-certified analyte

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The results reported related only to the samples indicated.



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**Client:** Clean Tank Technologies  
**Address:** 1203 University Pkwy  
Yakima, WA 98901  
**Attn:** Clean Tank Technologies

**Work Order:** WDI1786  
**Project:** HEM/FOG  
**Reported:** 10/31/2023 00:09

## Analytical Results Report

**Sample Location:** Seperator Tank  
**Lab/Sample Number:** WDI1786-01      **Collect Date:** 09/29/23 11:35  
**Date Received:** 09/29/23 12:30      **Collected By:** Kyle Saenz  
**Matrix:** Water

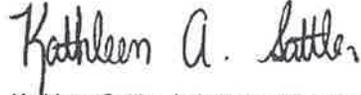
Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
<b>Hydrocarbons</b>							
n-Hexane Extractable Material	14.4	mg/L	4.00	10/26/23 15:49	EMG	EPA 1664B	

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---

Authorized Signature,



Kathleen Sattler, Laboratory Manager

PQL        Practical Quantitation Limit  
ND         Not Detected  
MCL        EPA's Maximum Contaminant Level  
Dry         Sample results reported on a dry weight basis  
\*            Not a state-certified analyte

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**Moscow**  
1282 Alturas  
P: 208 883-28  
Email: [mosco](mailto:mosco)

WDI1786



Due: 10/13/23

## Client Contact Information:

*Please provide all applicable reporting and invoicing contacts.*

**Spokane**  
504 E Sprague, #D, Spokane WA 99202  
P: 509 838-3999 Fax: 509 838-4433  
Email: [spokane@anateklabs.com](mailto:spokane@anateklabs.com)

Anatek is paperless as of January of 2020 and would like to assure all client account information is correct in our databases. *If your company requires hard copies, they are available.*

Please fill out all applicable fields and return by email, fax or mail at your earliest convenience.  
Thank you!

### Customer/ Business Information

Name: Clean Tank Technologies

Address: 1203 University Pkwy  
Street Address

Yakima WA 98901  
City State ZIP Code

Phone: 509-452-8691

General Email: operations@cleantanktech.com

### Billing Address

Contact [if different from above]:

Address: PO Box 10123  
Street Address

Yakima WA 98909  
City State ZIP Code

Preferred Invoice Method: Email \_\_\_\_\_ Fax: \_\_\_\_\_

Mail Address: X Po Box

### Shipping Address

Address: 1203 University Pkwy

Yakima WA 98901  
City State ZIP Code

Contact: (509) 452-8691 Fax: ( )

Email: operations@cleantanktech.com

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

**Client:** Terrace Heights Sewer District  
**Address:** 1801 Riverside Road  
Yakima, WA 98901  
**Attn:** Jeff Alderson

**Work Order:** YDL0442  
**Project:** Quarterly FOGs  
**Reported:** 12/28/2023 11:01

## Analytical Results Report

**Sample Location:** Classic Auto Wash  
**Lab/Sample Number:** YDL0442-01      **Collect Date:** 12/18/23 14:22  
**Date Received:** 12/18/23 15:03      **Collected By:** Ron  
**Matrix:** Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
<b>Hydrocarbons</b>							
n-Hexane Extractable Material	ND	mg/L	4.00	12/22/23 11:05	ELS	EPA 1664B	

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Sample Location: Auto Spa  
Lab/Sample Number: YDL0442-02 Collect Date: 12/18/23 14:29  
Date Received: 12/18/23 15:03 Collected By: Ron  
Matrix: Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
<b>Hydrocarbons</b>							
n-Hexane Extractable Material	ND	mg/L	4.00	12/22/23 11:05	ELS	EPA 1664B	

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location: Elite Car Wash  
Lab/Sample Number: YDL0442-03 Collect Date: 12/18/23 14:33  
Date Received: 12/18/23 15:03 Collected By: Ron  
Matrix: Water

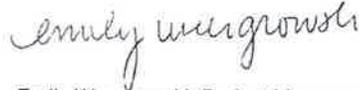
Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
<b>Hydrocarbons</b>							
n-Hexane Extractable Material	ND	mg/L	4.00	12/22/23 11:05	ELS	EPA 1664B	

# Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com  
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

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Authorized Signature,



Emily Wengrowski, Project Manager

PQL      Practical Quantitation Limit  
ND        Not Detected  
MCL      EPA's Maximum Contaminant Level  
Dry       Sample results reported on a dry weight basis  
\*         Not a state-certified analyte

This report shall not be reproduced except in full, without the written approval of the laboratory  
The results reported related only to the samples indicated.

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## Quality Control Data

### Hydrocarbons

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BDL0947 - W Filtration</b>										
<b>Blank (BDL0947-BLK1)</b>										
n-Hexane Extractable Material	ND		1.00	mg/L						
					Prepared & Analyzed: 12/22/2023					
<b>LCS (BDL0947-BS1)</b>										
n-Hexane Extractable Material	76.8		4.00	mg/L	80.0		96.0	78-114		
					Prepared & Analyzed: 12/22/2023					
<b>Matrix Spike (BDL0947-MS1)</b>										
			<b>Source: YDL0425-01</b>			Prepared & Analyzed: 12/22/2023				
n-Hexane Extractable Material	62.8		4.00	mg/L	80.0	ND	78.5	64-132		



## Terrace Heights Sewer District

### Infiltration/Inflow (I/I) Report

Reporting Year:

From: 01/01/23

To: 12/31/23

Max month design flow: 860,000 gpd  
 Peak daily design flow: 1,600,000 gpd

Design Population Equivalent: 14,136

Calculated as 4% of Yakima Regional WWTP Capacity

Month	Average Monthly Flow (gpd)			Total Monthly Rainfall (inches)			Population Served			Additional Sewer Lines Added (feet)		
	2021	2022	2023	2021	2022	2023	2021	2022	2023	2021	2022	2023
January	640,405	660,910	691,731	1.52	1.39	0.88	12,358	12,729	12,962	0	0	0
February	640,148	656,124	670,100	0.94	0.07	0.44	12,358	12,729	12,962	0	0	0
March	646,401	653,434	672,819	0.08	0.11	1.13	12,358	12,729	12,962	0	0	0
April	713,298	760,093	726,152	0.04	0.82	1.06	12,358	12,729	12,962	0	0	0
May	814,810	872,141	788,555	0.05	0.85	0.11	12,358	12,729	12,962	0	0	0
June	806,229	896,244	689,172	0.18	0.71	0.07	12,358	12,729	12,962	0	0	0
July	819,476	881,935	687,743	0.00	0.19	0.22	12,358	12,729	12,962	0	0	0
August	810,143	861,021	704,843	0.03	0.00	0.46	12,358	12,729	12,962	2453	0	0
September	829,079	847,262	709,170	0.43	0.13	0.40	12,358	12,729	12,962	0	0	0
October	796,094	800,341	699,502	1.01	0.30	0.31	12,358	12,729	12,962	780	0	0
November	722,606	733,960	698,779	1.50	0.58	0.89	12,358	12,729	12,962	0	0	0
December	654,292	672,669	677,953	0.33	1.98	1.43	12,358	12,729	12,962	0	0	0
<b>TOTAL</b>	<b>8,892,982</b>	<b>9,296,133</b>	<b>8,416,519</b>	<b>6.11</b>	<b>7.13</b>	<b>7.40</b>				<b>3233</b>	<b>0</b>	<b>0</b>
<b>High</b>	829,079	896,244	788,555							<b>0.61</b>	<b>0.00</b>	<b>0.00</b>
<b>Low</b>	640,148	653,434	670,100									
<b>Average</b>	741,082	774,678	701,377									
<b>I/I, gpd</b>	188,931	242,809	118,455									

Base Year:

2021

Base Year I/I:

188,931 gpd

#### Infiltration/Inflow Summary

Year	I/I gpd	% increase from base I/I	% of avg. design flow
2021	188,931	0.0	22.0
2022	242,809	28.5	28.2
2023	118,455	-37.3	13.8

Comments: In May 2023, the District completed joint grouting of 800 LF of 15-inch concrete sewer main in Sun Country Estates, which resulted in immediate and significant reduction in I/I.

*Jeffrey J. Alderson* General Manager  
 Signature and Title