



**SPECIAL AUTHORIZATION
TO
DISCHARGE TO THE CITY OF TACOMA'S
SANITARY SEWER SYSTEM**

In accordance with Tacoma Municipal Code section 12.08.365 and subject to the conditions contained in Chapter 12.08 and in this authorization, the entity specified herein is authorized to discharge to the City of Tacoma's (City) *sanitary sewer system*:

19-002
SAD No.

Jy Mank for 2/25/2019
Received by Date

US Oil & Refining Co. (US Oil) Brady Winder (VP), (253) 383-1651
Authorized Discharger, Company Representative, Phone No.

3001 Marshall Avenue, Tacoma, WA 98421
Address of Company, Street, City, State, ZIP

N/A
Name of Property Owner (if different), Phone number

3001 Marshall Avenue, Tacoma, WA 98421
Address of Property Owner, Street, City, State, ZIP

Multiple sanitary structures within pipeline alignment (98421)
Address of Discharge Location, Street, City

A. PURPOSE OF DISCHARGE:

This Special Approved Discharge (SAD) authorization regulates the discharge of treated ground and/or surface water(s) generated during the construction of 2,000 +/- linear feet of pipeline to carry ethanol, diesel, and renewable jet fuel from US Oil's marine terminal on the Blair Waterway to the US Oil refinery located off Marshall Avenue. The pipeline alignment is within easement(s) granted to US Oil by various property owners. This SAD authorization is being developed as there may be "legacy" pollution from historical spills of petroleum products within the pipeline alignment or adjacent to it. Additionally, the project calls for the new pipes to be constructed under Port of Tacoma Road and Lincoln Avenue which requires the construction of jack and bore pits at depths of 35' where it is possible that dewatering of contaminated groundwater may be necessary. US Oil has opted to be the Authorized Discharger for this project. This is a for-fee authorization.

B. DISCHARGE CONDITIONS :

1. Flow Limitations and Monitoring Requirements:

The Authorized Discharger may discharge treated ground and/or surface water(s) encountered during the construction of the pipeline. The Authorized Discharger may discharge continuously at a flow rate not to exceed **215 gpm** to the City's municipal sanitary sewer system 24/7 as long as there are personnel providing pump watch. The Authorized Discharger must meter and document all daily discharges to the municipal sanitary sewer system. Additionally, the Authorized Discharger shall control the flow of water into the downstream system to ensure that the additional flows do not cause an exceedance of the capacity of the City's municipal sanitary sewer system. If an exceedance occurs, the discharge must cease and the City must be notified at (253) 591-5595 and (252) 502-2222. The Authorized Discharger must keep records of the daily discharges, monitoring results, volume, date and time in a logbook kept on site for inspector review.

2. Quality Limitations and Monitoring Requirements:

The Authorized Discharger must meet the following discharge limitations in order to discharge to the municipal sanitary sewer system:

City of Tacoma Municipal Code – Chapter 12.08.020; Chapter 12.08.040; and 40 CFR Part 136.3

| POLLUTANT | DISCHARGE LIMIT | | APPROVED ANALYTICAL METHOD | | |
|------------------------------|-----------------|------|-------------------------------------------------------------------------------------------------|-----------------|------|
| | | | EPA Method | Standard Method | ASTM |
| Total Copper | 1.0 | mg/L | 200.5; 200.7; 200.8; 200.9 | | |
| Total Lead | 0.4 | mg/L | 200.5; 200.7; 200.8; 200.9 | | |
| Total Molybdenum | 1.0 | mg/L | 200.5; 200.7; 200.8 | | |
| Total Selenium | 0.1 | mg/L | 200.5; 200.7; 200.8; 200.9 | | |
| Total Zinc | 2.0 | mg/L | 200.5; 200.7; 200.8; 282.2 | | |
| Total Petroleum Hydrocarbons | 50 | mg/L | 1664A; 1664B <i>(measured as silica gel treated, hexane extractable materials (SGT-HEM))</i> | | |
| pH | 5.5 - 11.0 | | 150.2 | 4500H*B-2000 | |
| Total Suspended Solids | 225* | mg/L | | 2540 D – 1997 | |
| Total Toxic Organics** | 2.13 | mg/L | 624; 625 | | |
| BETX*** | 10 | mg/L | 624 | | |

*The Total Suspended Solids value of 225 mg/L is a benchmark. Any amount over and above may be used for billing purposes. **The Sum of all Total toxic organics with 0.1 mg/L or greater cannot exceed 2.13 mg/L. ***Benzene may not exceed 0.5 mg/L.

The Authorized Discharger must obtain samples at every **200,000 gallon intervals** and receive analytical data which will be provided to the City immediately upon receipt. After the sample analysis is completed and the results indicate no violations of the parameters above, permission to discharge continually will be granted. The analytical results must be emailed to Environmental

Compliance at SAD@cityoftacoma.org. If analytical results indicate a violation of a parameter or multiple parameters in section B2 above, discharging to the City's municipal sanitary sewer system must be discontinued. The Authorized Discharger will be employing basic settling (multiple 20,000 gallon storage tanks) to remove solids prior to discharging to the municipal sanitary sewer system. As a contingency, in the event of parameter violation(s), the Authorized Discharger will truck water to US Oil's refinery to be introduced into their onsite treatment system. The Authorized Discharger must continually monitor/observe the discharge for unusual color, odor and/or sheen. If any of these conditions are present, the discharge must cease and the City of Tacoma must be notified at (253) 591-5595.

C. DISCHARGE LOCATION:

Municipal sanitary assets #6266625, #6773317 & #6264301

D. OTHER CONDITIONS:

1. The Authorized Discharger must possess a valid NPDES permit from the Department of Ecology and/or the Environmental Protection Agency, if applicable, and operate in compliance with that permit as determined by the issuing agency.
2. The City of Tacoma reserves all of the powers set forth in Chapter 12.08 TMC, as well as any other applicable powers granted by the Tacoma Municipal Code, state, and/or federal law to enforce the terms of the Authorization, and to regulate the use of its municipal sewer system including, but not limited to, seeking supplemental charges under TMC 12.08.610.
3. The Authorized Discharger must pay the applicable fees and maintain payments as provided for in Tacoma Municipal Code Chapter 12.08.
4. The Authorized Discharger must cease discharge when:
 - a. A violation is suspected or detected of any of the discharge conditions specified in B. above, or,
 - b. When directed to by the City.
5. The Authorized Discharger may be required to reduce the flow rate of the discharge, or cease discharging during heavy rainfall events which may overburden the sanitary sewer system.
6. The Authorized Discharger must deliver a letter to the City at the office of Environmental Compliance, 2201 Portland Ave, Tacoma, 98421, (FAX (253) 502-2295) within five calendar days of any exceedance of the discharge conditions specified in B. above, explaining the limitations exceeded, the cause, and the measures taken to mitigate it and to prevent reoccurrence.
7. The Authorized Discharger must submit a new application and pay an application fee for discharges that exceed twelve (12) months in duration.
8. This Special Approved Discharge (SAD) authorization is issued solely to the Authorized Discharger named in section one above. Authorization to discharge to the City's sanitary sewer system is not transferrable without the City's written consent.

E. BILLING:

The Authorized Discharger must keep records of each monitoring result (every 200,000 gallons), volume, date, and time in a logbook kept on site for inspector review. The discharge records must also be submitted to the City of Tacoma for billing purposes on a monthly basis. Monthly reporting is due by the 15th of each following month. If no discharge occurred, then a report stating that there was no discharge must be submitted. The Authorized Discharger must notify this office, in writing, upon project completion for final billing.

F. ENFORCEMENT:

Violations of this SAD or of Tacoma Municipal Code Chapter 12.08 may be subject to Notices of Violation w/Civil penalties of up to \$5,000.00 per violation per day

G. TERM OF AUTHORIZATION:

This Special Approved Discharge authorization expires one year from the date of issuance. To extend this SAD, please submit an application at least one month prior to expiration.

ON BEHALF OF THE CITY OF TACOMA

2-25-19
Dated


Dan C. Thompson, Ph.D.
Business Operations Division Manager
Environmental Services

The 24-hour emergency telephone number for City of Tacoma Sewer Transmission Operation and Maintenance is (253) 591-5595. The regular business hours (Mon-Fri 8:00 A.M. to 4:30 P.M.) number is (253) 591-5588. FAX (253) 502-2295