



**CONFIRMATION OF RECEIPT
WASTEWATER DISCHARGE PERMIT
WATER RESOURCE RECOVERY DEPARTMENT**

SOURCE CONTROL PROGRAM
450 CIVIC CENTER PLAZA
Richmond, CA 94804
(510) 620-6594 FAX (510) 307-8196

April 21, 2017

Dear Permittee:

Your Industrial Discharge Permit has been delivered to you on 04/21/2017(USPS – Certified Mail) . If you have any issues with the contents of the permit, you may petition the City Council to reconsider the terms within thirty (30) days of notice of its issuance (RMC § 12.18.050.3).

City of Richmond's Industrial Discharge Permit

These documents were delivered by:

USPS
Signature

Printed Name

Date

These documents were received by:

Scott Shackleton
Signature

SCOTT Shackleton
Printed Name

U.C. Berkeley, Richmond Field Station.
Company

5/2/17
Date

Note: Please email your Source Control Inspector the signed and dated confirmation of receipt

**2017-2022 WASTEWATER DISCHARGE PERMIT
SOURCE CONTROL PROGRAM**



450 Civic Center Plaza
Richmond, CA 94804
(510) 620-6594 FAX (510) 307-8195
www.ci.richmond.ca.us/wastewater

INTRODUCTION

In accordance with provisions in Chapter 12.18 of the City of Richmond (City) Municipal Code, **UCB Field Station** is hereby authorized to discharge wastewater from the facility located at **1301 S. 46th Street Bldg. 175**, through points of connection identified herein, into the City sanitary sewer system and Water Pollution Control Plant (WPCP) in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the Permittee of its obligation to comply with any and/or all applicable pretreatment standards or requirements under local, state, or federal laws, including such regulations, standards, requirements, or laws that may become effective during the term of this permit.

This permit supersedes the wastewater discharge permit previously issued to this facility. This permit shall become effective on **January 1, 2017** and shall expire at midnight on **December 31, 2022**. The Permittee must file for a Wastewater Discharge Permit Application a minimum of ninety (90) days prior to the expiration of this permit if the Permittee wishes to continue discharge to the sanitary sewer system.

The Permittee must comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action or enforcement proceedings, including administrative, civil, or criminal penalties, injunctive relief, termination of this permit, and/or severance of sanitary sewer service.

I. SUMMARY INFORMATION

Permit No.:	ID17-00076
Date of Issuance:	04/21/2017
Effective Date:	January 1, 2017
Expiration Date:	December 31, 2022
Permittee Name:	UC Field Station
Discharge Address:	1301 S. 46 th Street Bldg 175 Richmond, CA 94804-4698
Mailing Address:	1301 S. 46 th Street Bldg 175 Richmond, CA 94804-4698
SIC No.:	8221

II. PRETREATMENT SYSTEM REQUIREMENTS

- A. The pretreatment system used at this facility includes, but is not limited to:
- N/A
- B. The pretreatment system described above shall be maintained in good working condition at all times. Proper operation and maintenance includes, but is not limited to, effective performance, adequate funding, and adequate operator staffing and training. This provision requires that there are back-up or auxiliary facilities of similar systems that are operable when necessary to achieve compliance with the conditions of this permit. Failure to properly maintain and operate pretreatment equipment is a violation of this permit.
- C. Upon reduction of efficiency of operation, or loss of all or part of the treatment system, the Permittee shall, to the extent necessary to maintain compliance with its permit, control its discharge until operation of the treatment facility is restored or an alternative method of treatment is provided. This requirement applies for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- D. The Permittee shall take all reasonable steps to minimize and/or correct any adverse impact to the public, sanitary sewer system, WPCP, or environment resulting from noncompliance with this permit, including accelerated or additional monitoring as necessary to determine the nature and impact of a non-complying discharge.
- E. Adequate spill protection shall be provided to prevent any on-site spills from being discharged off-site.
- F. Bypass is prohibited, and the Source Control Superintendent may take enforcement action against the Permittee for a bypass unless:
- (1) Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage; or
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance.

III. DISCHARGE PROHIBITIONS

The Permittee shall not introduce or cause to be introduced to the sanitary sewer

system or WPCP any waste or wastewater which causes pass through or interference. The Permittee is prohibited from introducing into the sanitary sewer system or WPCP any of the discharge prohibitions pursuant to Section 12.18.020.1 of City Municipal Code.

IV. EFFLUENT LIMITATIONS AND DISCHARGE SPECIFICATIONS

A. The Permittee is authorized to discharge wastewater to the sanitary sewer system from the connection point(s) listed below that are clearly labeled:

<u>Connection</u>	<u>Description</u>
001	N/A

B. Treated industrial wastewater approved by the Source Control Superintendent that can be discharged to the POTW includes:

- Equipment cooling water and facility cleaning water
- Wastewater from warewashing

C. Wastewater shall not exceed any local limit for pollutants discharged to the sanitary sewer system. If the Permittee fails to provide a monitoring location, which characterizes the entire wastestream being discharged to the sanitary sewer system.

The following local limits are applicable to this facility:

Parameter	City of Richmond Local Limit	City of Richmond Local Limit
Parameter	mg/L	µg/L
Ammonia	160	160,000
Arsenic ¹	0.11	110
Benzene	1.0	1,000
Cadmium ¹	0.05	50
Chloride	75	75,000
Chloroform	1.37	1,370
Chromium ¹	0.27	270
Copper ¹	0.65	650
Cyanide	0.26	260
Halogenated Organics	1.0	1,000
Lead ¹	0.3	300
Mercury	0.005	5

Nickel ¹	0.27	270
Oil & Grease (total)	90.00	90,000
Phenol (total)	150	150,000
PCBs	0.01	10
Selenium ¹	0.030	30
Silver ¹	0.25	250
Sulfide as S	0.35	350
Tetrachloroethylene	1.0	1,000
Toluene	1.0	1,000
TPH	100.0	100,000
Tributyltin	0.004	4
Xylene	1.0	1,000
Zinc ¹	1.0	1,000
pH	Greater than 6.0; less than 10.0	
Total Dissolved Solids	< 325	
Biochemical Oxygen Demand	220	220,000
Total Suspended Solids	430	430,000

(1) Total Recoverable

- D. Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in accordance with Section 405(c) and (d) of the Clean Water Act, the Resource Conservation and Recovery Act, and Title 22 of the California Code of Regulations.
- E. The Permittee shall not discharge or caused to be discharged any slug load of materials, chemicals, products, or wastes into the sanitary sewer system or WPCP. Any Permittee discharging a slug load of materials, chemicals, products, or wastes into the sanitary sewer system and/or WPCP to avoid sewer service charges for the treatment violates Chapter 12.18 of City Municipal Code, and may be subjected to enforcement actions.
- F. The Permittee shall promptly clean-up and properly dispose of all discharges or spills, accident or otherwise, at their own expense.

V. REPORTING REQUIREMENTS

- A. Permittee must notify the City Representative under the following incidents:

- (1) Advanced notice of any planned changes in the permitted facility or activity, which may result in noncompliance with permit requirements.
- (2) Immediately after any spill, slug load, or any other discharge which may cause a potential problem in the sanitary sewer system or WPCP.
- (3) Immediately if the Permittee experiences an upset in operations that places the Permittee in a temporary state of noncompliance with the requirements of this permit or Chapter 12.18 of the City Municipal Code.
- (4) Any violation of its discharge limits.
- (5) The discharge to the sanitary sewer system of any waste identified as hazardous waste under Title 22 of the California Code of Regulations.
- (6) **The Permittee shall notify the Source Control Superintendent within twenty-four (24) hours of becoming aware of a violation,** upset, or other issues that may be a potential problem to the sanitary sewer system or WPCP. Oral notification shall be followed, within five (5) days, by a written report detailing the nature and circumstances of the violations. The report shall specify:
 - (a) Description of the violation, upset, or other issue that may be a potential problem to the sanitary sewer system or WPCP, the causes thereof, and the impact on the Permittee's compliance status;
 - (b) Duration of noncompliance, including exact dates and times of noncompliance, and if not corrected, the anticipated time the noncompliance is expected to continue; and
 - (c) All steps taken or to be taken to reduce, eliminate, or prevent recurrence of such a violation.

The report must also demonstrate that the treatment facility was being operated in a prudent and workman-like manner.

B. **Changed Conditions**

A Permittee must notify the Source Control Superintendent of any significant changes to the operations or system which might alter the nature, quality, and/or volume of its wastewater at least thirty (30) days before the change. The Source Control Superintendent will evaluate applicable information to determine if changes to this permit are necessary.

C. **Annual Discharger Profile Update**

The Permittee shall submit a copy of all water bills and/or flow totalizer readings for the previous calendar year to the City by March 31st each

year. If required by the City, the Permittee will have a non-resettable flow meter installed. The flow meter shall be calibrated each year no later than March 15th.

D. Signatory Requirements

All applications, reports or information submitted to the Source Control Superintendent must contain the following certification statement to be signed by an authorized or duly authorized representative of the Permittee below:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information 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.”

VI. INSPECTIONS

A. Duty to Provide Information

The Permittee shall furnish to the Source Control Superintendent, within fifteen (15) days any information which the Source Control Superintendent may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also, upon request, furnish to the Source Control Superintendent copies of any records required to be kept by this permit.

B. Inspection and Entry

The Source Control Superintendent or Authorized Inspector shall have the right to enter and inspect the Permittee's premises for the purpose of determining whether the Permittee is complying with all applicable regulations and the conditions of this permit and for the purpose of performing any duties provided in Chapter 12.18 of the City Municipal Code.

Failure to allow access to the Source Control Superintendent or Authorized Inspector, at any time, to any building, structure, or property, or any part thereof, is a violation of this permit, and may result in issuance and execution of a search warrant and/or revocation of this permit.

C. Civil and Criminal Penalties for Violations of Permit Conditions

The Permittee is subject to appropriate enforcement action, in accordance with Sections 12.18.100 and 12.18.110 of the City Municipal Code, including civil and criminal penalties if it violates any condition of this

permit, Chapter 12.18 of the City Municipal Code, or any other applicable local, state, or federal regulation, law, statute, rule, and/or code.

Nothing in this permit shall be construed to relieve the Permittee from civil and/or criminal penalties due to noncompliance under Chapter 12.18 of the City Municipal Code or state or federal laws or regulations.

VII. MISCELLANEOUS PROVISIONS

A. Permit Modification

The terms and conditions of this permit may be subject to modification and change by the Source Control Superintendent prior to the expiration of this permit. The Permittee must be notified of any modification to this permit at least thirty (60) days prior to the effective date. Any modifications or new conditions in this permit must be issued in writing and include a reasonable time schedule for compliance.

This permit may be modified for good causes including, but not limited to the following:

- (1) To incorporate any new or revised federal, state or local pretreatment standards or requirements;
- (2) To address significant alterations or additions to the Permittee's operations, processes, or wastewater volume or character since the time of permit issuance;
- (3) A change in the WPCP that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- (4) Information indicating that the permitted discharge poses a threat to the WPCP, personnel, or receiving water;
- (5) Violation of any terms or conditions of this permit;
- (6) Misrepresentation or failure to disclose fully all relevant facts in the Wastewater Discharge Permit Application or in any required reporting;
- (7) Revision of, or a grant of variance from, any categorical pretreatment standard; or
- (8) To correct typographical or other errors in the permit.

The filing of a request by the Permittee for a permit modification, revocation, reissuance, or termination shall not justify or excuse any failure to observe all permit conditions. Notifications of planned changes or anticipated noncompliance shall not justify or excuse any failure to observe all permit conditions.

B. Permit Termination

This permit may be terminated upon written notice from the Source Control Superintendent for any one or combination of the following reasons:

- (1) Failure to notify the Source Control Superintendent of significant changes to the wastewater prior to the changed discharge pursuant of Section 12.18.060.5 of the City Municipal Code;
- (2) Misrepresentation or failure to fully disclose all relevant facts in the Wastewater Discharge Permit Application;
- (3) Falsifying self-monitoring reports and certification statements;
- (4) Tampering with monitoring equipment;
- (5) Refusing to allow the Source Control Superintendent or Authorized Inspector timely access to the facility premises and/or records;
- (6) Failure to meet effluent limitations;
- (7) Failure to pay fines;
- (8) Failure to pay sewer charges;
- (9) Failure to meet compliance schedules;
- (10) Failure to complete a wastewater survey or the Wastewater Discharge Permit Application;
- (11) Violation of any pretreatment standard or requirement, or any terms of this permit or Chapter 12.18 of the City Municipal Code; or
- (12) Cessation of operations or transfer of business ownership.

C. Permit Transfers

This permit may be transferred to a new owner or operator only if the Permittee gives at least sixty (60) days advanced notice to the Source Control Superintendent, and the Source Control Superintendent approves the permit transfer. The notice to the Source Control Superintendent must include a written certification by the new owner or operator which:

- (1) States that the new owner/operator has no immediate intent to change the facility's operations and processes;
- (2) Identifies the specific date on which the transfer is to occur; and
- (3) Acknowledges full responsibility for complying with this permit.

Failure to provide advance notice of a transfer renders this permit void as of the date of the facility transfer.

D. Continuation of Expired Permits

An expired permit will continue to be effective and enforceable until a new permit is reissued, if:

- (1) The Permittee has submitted complete Wastewater Discharge Permit Application at least ninety (90) days prior to the expiration date of the Permittee's existing permit.
- (2) The failure to reissue the permit, prior to the expiration of the existing permit, is not due to any act or failure on the part of the Permittee.

E. Property Rights

The issuance of this permit does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any violation of federal, state, or local laws or regulations.

F. Liability

The City of Richmond, its officers, employees, and agents shall not be liable for damages, judgments, costs, and expenses which may in any manner accrue against the Permittee in consequence of this permit.

G. Severability

The provisions of this permit are severable, and if any provision(s) of the permit, or the application of any provision of this permit circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

ATTACHMENT A – DEFINITIONS

California Code of Regulations (CCR) – The publication of the State of California government containing finalized State regulations.

Categorical Industrial User – Any User subject to a categorical pretreatment standard or requirement.

Categorical Pretreatment Standard or Categorical Standard – Any regulation containing pollutant discharge limits promulgated by EPA in accordance with Sections 307(b) and (c) of the Federal Act (33 U.S.C. 1317) that apply to specific category of Users and that appear in 40 CFR Chapter I, Subchapter N, Parts 405-471. See Local Limits.

Code of Federal Regulations (CFR) – The publication of the United States government that contains finalized Federal regulations.

Composite Sample – A sample that is taken from the wastestream as a 24-hour flow-proportional sample or as a time-proportional sample. Note: A time-proportional sample may be taken with prior approval from the Source Control Superintendent.

Grab Sample – A sample that is taken from the wastestream without regard to the flow in the wastestream and over a period of time not to exceed fifteen (15) minutes.

Interference – A discharge that, alone or in conjunction with a discharge or discharges from other sources, inhibits or disrupts the POTW's treatment processes or operations or the processing, use or disposal of sludge by the POTW; or which causes a violation of the City's NPDES Permit or prevents lawful sludge disposal or use in compliance with any of the following statutory/regulatory provisions or permits issued there under, or any more stringent State or local regulations: Section 405 of the Clean Water Act; the Solid Waste Disposal Act, including Title II commonly referred to as the Resource Conservation and Recovery Act (RCRA); any State regulations contained in any State sludge management plan prepared to Subtitle D of the Solid Waste Disposal Act; the Clean Air Act; the Toxic Substances Control Act; and the Marine Protection, Research, and Sanctuaries Act.

Local Limit – Specific discharge limits developed and enforced by the City upon industrial or commercial facilities to implement the general and specific discharge prohibitions listed in 40 CFR Part 403.5(a)(1) and (b).

Local Limits differ from federal categorical pretreatment standards, which are applicable to certain classes of industries, establish technology based minimum pretreatment standards. However, the categorical standards do not address POTW specific problems which may arise from discharges by categorically regulated industries. In addition, many types of industries which discharge significant quantities of pollutants are not regulated by the categorical standards.

National Pollutant Discharge Elimination System Permit (NPDES Permit) – The permit issued to control discharges from the POTW to Waters of the United States.

Pass Through – A discharge which exits the POTW into waters of the United States in quantities or concentrations, which alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the City's NPDES Permit, including an increase in the magnitude or duration of a violation.

Publicly Owned Treatment Works (POTW) – A treatment works, as defined by Section 212 of the Clean Water Act (33 USC Section 1292), which is owned by the City. This definition includes any devices or systems used in the collection, storage, treatment, recycling, and reclamation of sewage, or industrial wastes of a liquid nature and any conveyances, which convey wastewater to a treatment plant. For the purposes of this permit, the POTW consists of the sanitary sewer system and the Water Pollution Control Plant (WPCP).

Slug Load or Slug Discharge – Any discharge at a flow rate or concentration, which could cause a violation of the prohibited discharge standards in Chapter 12.18 of the City Municipal Code. A slug discharge is any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass through, or in any other way violate the City's regulations, local limits or wastewater discharge permit conditions.

Source Control Superintendent – The person designated by the City Manager who manages the specific duties and responsibilities of the Source Control Program.

