



South Orange County Wastewater Authority

September 17, 2015

John Odermatt
Senior Engineering Geologist
California Regional Water Quality Control Board - San Diego Region
2375 Northside Drive, Suite 100
San Diego, CA 92108

SUBJECT: Notice of Intent and Submittal of Applicable Engineering Report for the Installation of Hauled Recycled Water Fill Stations and Use of Hauled Recycled Water

Dear Mr. Odermatt:

The intent of this letter is to inform you that South Orange County Wastewater Authority is submitting this Notice of Intent (NOI) to enroll in the State Water Board's *General Waste Discharge Requirements for Recycled Water Use* (General Order) for the purpose of installing recycled water fill station(s) to facilitate the permitted uses of recycled water associated with those fill stations.

The South Orange County Wastewater Authority (SOCWA), in association with its member agencies including South Coast Water District, worked to develop an Engineering Report (see attached Title 22 Engineering Report) to support the development, installation, and operation of recycled water fill stations for the following recycled water uses:

- A. Street sweeping and cleaning of sidewalks and outdoor work areas
- B. Dust control, soil compaction, and construction
- C. Sewer flushing, pressure testing of newly constructed tertiary recycled water or sewer force main pipelines
- D. Use of recycled water for landscape irrigation of commercial, non-residential, agricultural crops, and nursery stock
- E. Fire protection

We intend to manage fill stations and associated recycled water uses, covered under this order, to be consistent with the attached Engineering Report dated August 18, 2015. Our agency will inform the Orange County Health Care Agency regarding the addition of new fill stations, and will receive the appropriate approvals as needed.

We appreciated the Regional Water Quality Control Board's (Regional Board) assistance and approach in allowing stakeholders representing a large number of water and wastewater agencies to develop a regional program that will permit the timely installation of recycled water fill stations, and associated recycled water uses. We are pleased that the Regional Board retained the basic structure and essential content of the approved Engineering Report.

It is our understanding that pursuant to the Monitoring and Reporting Program of the Order WQ 2014-0090-DWQ, *General Waste Discharge Requirements for Recycled Water Use* (General Order) SOCWA will submit an Annual Report to the San Diego Regional Board beginning January 31, 2016.

It is our intent to provide information for program monitoring and reporting purposes such as:

1. A list of all approved commercial recycled water haulers. The recycled water supplier (Supplier) must also indicate any new recycled water haulers that were approved during the calendar year.
2. A list of users receiving or proposing to receive recycled water from the fill stations (including a list of uses of recycled water for each user).
3. A list of recycled water end use sites outside the Supplier's recycled water service area.
4. A summary of the volume of recycled water used (in acre feet) from the fill stations each quarter during the calendar year.
5. A summary table of spot inspections conducted of recycled water use sites which received recycled water from the fill stations during the calendar year.
6. The name and contact information for the recycled water operator/agency staff responsible for overseeing operation, maintenance, and system monitoring of the fill station(s).

The Annual Report will be submitted in text searchable PDF format to the San Diego Regional Board via email.

We appreciate the Regional Board's recognition of the importance of recycled water in California's future water supply picture. We also appreciate the time and effort you and your staff expended to help facilitate the increased use of recycled water, while ensuring public safety and environmental protection. If you have any questions regarding this letter, please feel free to contact me at 949-234-5419 or via email at bflahive@socwa.com.

Sincerely,

South Orange County Wastewater Authority



Brennon Flahive
Environmental Compliance Administrator

cc: Andy Brunhart – SCWD
Joe McDivitt – SCWD
Oliver Pacifico – DDW
Larry Brenner - OCHCA



Engineering Report for Installation of Recycled Water Fill Stations & Use of Hauled Recycled Water

South Orange County Wastewater Authority
Service Area

9/15/2015



**SOUTH COAST
WATER DISTRICT**
Partnering With The Community



Prepared by the South Orange County Wastewater Authority on behalf of the South Coast Water District

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Engineering Report for Installation of Recycled Water Fill Stations & Use of Hauled Recycled Water

South Orange County Wastewater Authority Service Area

September 15, 2015

I. INTRODUCTION

This engineering report was prepared in support of a proposal to allow the development, installation and operation of recycled water fill stations for the following recycled water uses:

1. Street sweeping and cleaning of sidewalks and outdoor work areas
2. Dust control, soil compaction, and construction
3. Sewer flushing, pressure testing of newly constructed tertiary recycled water or sewer force main pipelines
4. Use of recycled water for irrigation of commercial landscapes as well as nursery stock
5. Fire protection

These uses are described in more detail later in this document. In response to severe drought conditions and statewide emergency requirements to reduce per capita domestic water use ranging from 12% to 36%, simplifying and expediting local agency's opportunities to use recycled water for the previously listed uses is paramount. Development and use of recycled water fill stations can provide customers the option to use recycled water for outdoor water uses and reduce demand on the domestic water system. Once the investment has been made, the fill stations and applicable procedures may remain in place after the drought event to continue to provide recycled water to customers. The need to provide this recycled water service is deemed urgent by local communities, and for this reason, we would ask the San Diego Regional Board to review this project on its own merits.

This report was prepared pursuant to Section 60323 of Title 22 the California Code of Regulations and is intended to provide a framework for approval of the uses listed above, and for recycled water fill stations that can be installed at multiple locations throughout the South Orange County Wastewater Authority (SOCWA) service area by various SOCWA Member Agencies. This report includes participating agencies and sources of recycled water, approved uses, fill station design, truck and container requirements, training and agreements, and oversight and records.

The use of recycled water in dual plumbed/dual source use areas which would include the use of piped recycled water for irrigation or use inside buildings for toilet and urinal flushing is not applicable or addressed in this report, except for sites that are specifically approved as dual plumbed or dual sourced

sites by the State Water Resources Control Board Division of Drinking Water (SWRCB-DDW) and/or the Orange County Health Care Agency.

II. PARTICIPATING AGENCIES AND RECYCLED WATER SOURCES ALLOWED UNDER THIS PROGRAM

The intended recycled water beneficial uses listed above are not new to California, and are consistent with applicable regulating requirements. This project includes the use of disinfected tertiary recycled water for the beneficial purposes listed above, and for the installation of commercial fill stations in SOCWA's Region 9 service area supplied by the following recycled water facilities covered under existing Waste Discharge Requirement Order R9-1997-0052:

Facility

SOCWA Coastal Treatment Plant
28303 Alicia Pkwy
Laguna Niguel, CA 92677

Recycled Water Contact

Brennon Flahive
(949) 234-5419

SOCWA Regional Treatment Plant
29201 La Paz Road
Laguna Niguel, CA 92677

Brennon Flahive
(949) 234-5419

Recycled water treatment facilities located in the SOCWA service area that are covered under this engineering report produce tertiary treated recycled water that has been filtered and disinfected to meet Title 22 standards. The recycled water treatment plants will continue to treat to tertiary standards, and operate, monitor, and report to all applicable regulatory agencies consistent with existing recycled water permits.

III. APPROVED USES

Below are the proposed uses for hauled recycled water; no other uses of hauled recycled water other than those described in this report will be allowed. SOCWA Member Agencies that produce recycled water have existing Engineering Reports and established Rules & Regulations governing the use of recycled water within their service area. This engineering report is intended to support SOCWA Member Agency regulations for recycled water filling station use only. Member Agency Rules and Regulations are in place to regulate recycled water uses per the requirements contained in Title 17 & 22.

A. Street Sweeping, Cleaning of Sidewalks and Outdoor Work Areas:

1. Use of recycled water for street sweeping and cleaning of sidewalks and outdoor work areas will be permitted to occur within all hydrologic areas within the South Orange County Wastewater Authority Region 9 service area. Normal, unpressurized washing methods will be used to clean sidewalks.
2. Street sweeping is a best management practice used to reduce the amount of trash, debris, dirt, and other particulates washed off with urban runoff. Street sweeping vehicles are typically equipped with dust suppression systems which spray small amounts of water on the ground to prevent generation of dust during sweeping. Most of the applied recycled water will be vacuumed up by the street sweeping vehicle's vacuum system, while the remaining residual will evaporate from the cleaned surface. It is estimated that a typical street sweeping vehicle uses 660 gallons per day of recycled water.
3. Agencies will ensure that procedures and requirements for the use of recycled water for street sweeping and cleaning of sidewalks and outdoor work areas do not adversely affect public health or water quality.
4. These uses will avoid over spray and misting. Recycled water will not be used in eating or food areas.
5. Title 22 of California Code of Regulations provides that recycled water used for cleaning roads, sidewalks and outdoor areas shall be at least disinfected secondary-23 recycled water. The recycled water used for these purposes will be disinfected tertiary recycled water and of higher quality than the disinfected secondary-23 recycled water standard.

B. Dust Control, Compaction and Construction:

1. Use of recycled water for construction related activities including dust control, soil compaction, compaction of backfill around potable and non-potable pipes, and concrete mixing will be permitted to occur within all hydrological areas of the SOCWA Region 9 Water Board service area.
2. Recycled water for construction may be used for soil compaction during grading operations, dust control, and consolidation and compaction of backfill in trenches.
3. Drop tanks may be installed at secured construction and designated fill sites and filled from trucks or recycled water lines for recycled water storage for dust control,

compaction or construction purposes. No on site piping for distribution of recycled water is allowed.

4. Title 22 allows the uses indicated in this report. Some construction uses allow disinfected secondary-23 water, however the proposed use of tertiary recycled water under this engineering report will meet minimum Title 22 requirements.

C. Pipeline Flushing and Pressure Testing:

1. Recycled water can be used for flushing sanitary sewers and pressure testing newly constructed recycled water lines and sewer force mains within the SOCWA Region 9 service area.
2. Pressure testing potable water lines with recycled water is prohibited.
3. Water used for flushing sanitary sewer lines will not be discharged to the environment. Recycled water from sewer flushing will be discharged to the wastewater treatment plant.
4. Discharges from pressure testing of recycled water lines will follow practices for planned releases as identified in the California Nevada AWWA Best Management Practices Manual for Drinking Water System Releases (2014).
5. Recycled Water used for these purposes will be Title 22 disinfected tertiary recycled water.

D. Commercial Landscape Irrigation and Agricultural Irrigation:

1. Recycled water may be hauled to commercial sites within all hydrological areas and applied to landscaping for irrigation consistent with Title 22 use requirements.
2. Recycled water may be used to irrigate crops and nursery stock consistent with Title 22 use requirements.
3. Recycled water may not be used to fill tanks or ponds where the water may be distributed through a dual piped or dual plumbed system, unless the site has been approved by the SWRCB-DDW or the Orange County Health Care Agency as a dual piped or plumbed site.
4. Irrigation is allowed per Title 22 provided the water quality meets disinfected tertiary standards. The proposed recycled water use under this engineering report is required to

meet disinfected tertiary standards. Disinfected Tertiary Recycled water meets or exceeds the minimum Title 22 use requirements for agricultural or nursery crops.

E. Fire Protection:

1. Use of recycled water for fire protection, suppression and training will be permitted to occur within all hydrological areas within the SOCWA Region 9 service area.
2. The recycled water used for fire protection will be disinfected tertiary recycled water.
3. Fire protection uses will include firefighting of structural and non-structural fires and training exercises.
4. Hauled recycled water will not be used to fill fire hydrant loops or fire sprinklers within buildings.
5. Title 22 allows structural firefighting with disinfected tertiary treated water and non-structural firefighting with disinfected secondary-23 water. Recycled water used for firefighting purposes will meet the minimum required for firefighting.

IV. FILL STATION DESIGN AND APPROVAL

Recycled water suppliers will notify SWCB-DDW, the Regional Board, and the Orange County Health Care Agency (OCHCA) of their intent to install a new recycled water fill station. The supplier will provide a map of the location and indicate the type of fill station that will be installed. The recycled water supplier shall contact the OCHCA to schedule an inspection of any new fill station prior to the station startup.

A. Access to Recycled Water

Recycled water access will be provided through unstaffed fill stations or through commercial construction meters as described below:

B. Commercial/Construction Metered Fill Stations

Commercial customers using recycled water may apply for a dedicated recycled water construction meter. The construction meter will be equipped with a camlock fitting and lockable camlock cap. The water supplier will connect the meter to the fill station site. The dedicated user will install a lock on the camlock cap to ensure their sole use of the site. Camlock fittings are designed to ensure that they cannot be used on a potable fire hydrant. Exhibit C includes an example specification and photo of this type of installation. For trucks equipped with meters, the

connection point to the recycled system shall be equipped with a lockable device to restrict access by unauthorized users.

V. TRUCK AND CONTAINER REQUIREMENTS

Commercial fill stations will be used to fill containers in the sizes ranging from 1000 gallons to 5000 gallons. Participating agencies must comply with the following requirements unless or until the SWRCB-DDW determines that alternative criteria are necessary to protect public health and the environment.

Signage will be placed on each vehicle or container identifying it as carrying non-potable/recycled water and incorporating the following “RECYCLED WATER – DO NOT DRINK”. Agencies will provide signs to customers for their use and placement on their recycled water hauling containers. Signs and labels will meet the minimum Title 22 requirements. Example labels are shown in Exhibit E.

State regulations require separation of potable and non-potable systems. Containers and hoses associated with hauled recycled water will be identified as used for recycled water and will not be used for potable water uses. Commercial hauling trucks such as street sweeping trucks and sewer flushing trucks may also be filled with potable water (for non-potable purposes). In this case, the truck may have a dual-plumbed filling system or two separate filling systems, one dedicated to potable water and one dedicated to recycled water. Each system will be identified as such. Both filling systems will deliver water into the top of the tank through an approved air-gap to ensure backflow protection. When filling any truck with potable water, water haulers must use a reduced pressure principle backflow device between the truck fill line and the potable water source to protect the potable water system.

All vehicles, tanks and containers used to transport recycled water will have watertight valves and fittings sealed to avoid spillage during transport. All commercial vehicles will carry hand sanitizer for use when transporting recycled water. Owners of commercial hauling trucks must show valid registration, proof of vehicle insurance and workers compensation insurance to obtain supplier approval to haul recycled water.

VI. TRAINING AND AGREEMENTS

Each commercial customer will be trained on the use of recycled water for the approved recycled water uses listed in Section III. The training will include an overview on the approved use and application of recycled water, recommendations for applying water to landscapes, and limitations on the use of recycled water. At the agencies discretion, commercial water haulers may be required to complete site supervisor training under an existing site supervisor training program.

Upon completion of the training program, the customer will complete an application to use recycled water and will indicate their understanding of the requirements to use recycled water in that application.

Commercial haulers will also indicate their intended use and delivery point for recycled water. The commercial applications are included in Exhibit E. Guidelines for commercial customers are included in the Recycled Water Tanker Truck Program Guidelines in Exhibit F.

VII. OVERSIGHT AND RECORDKEEPING

Due to the serious nature of the drought, recycled water agencies may allow the use of their filling stations for commercial customers within their service area. At the agencies discretion they may provide recycled water to commercial customers served by another water supplier.

A. Oversight of Customers

1. The recycled water supply agency will conduct field checks using trained staff to ensure customer conformance with the user agreement for recycled water use within the recycled water agency service area.
2. Delivery of hauled recycled water to another SOCWA Member Agency service area is permitted. Customers located in another SOCWA Member Agency service area will follow the recycled water rules and regulations of the supplying recycled water agency. The supplying recycled water agency is responsible for issuing permits, conducting site inspections, recordkeeping, and terminating service if necessary.
3. Prior to delivery to customers from outside the recycled water agency's service area, the recycled water agency will notify the agency supplying potable water that a customer is planning to use recycled water from the fill station. The recycled water agency will provide the outside agency with a list of the names and addresses of the customers. The two agencies will agree on an oversight program for the customer prior to customer use of the filling station or granting a hauler permission to use the water outside their service area.
4. There will be no use of SOCWA hauled recycled water outside of the SOCWA service area.

B. Termination of Service

Use of recycled water from fill stations is a privilege. If an agency determines that a user is violating the terms of the user agreement, the agency may revoke permission to use hauled recycled water. Customers that are repeat or gross violators will have their permission revoked.

C. Recordkeeping

Recycled water agencies will maintain records of fill station operations and oversight and have those records available for review upon request by the SWCB-DDW:

1. Documents of the locations of all recycled water fill stations
2. Copies of all recycled water user applications/agreements
3. A list of approved commercial haulers

4. A list of end users outside the recycled water agencies service area
5. Records of the volume of recycled water disbursed at each agency fill station; records must be kept for a minimum of one year.
6. Records of site visits, enforcement actions, or revocation of customer recycled water use.

EXHIBIT A: EXAMPLE OF COMMERCIAL UNSTAFFED FILL STATION

Exhibit A: Example of Commercial Unstaffed Fill Station

A commercial unstaffed fill station that is accessible only to authorized personnel that have received training on the safe handling of recycled water from the recycled water supply agency.

Access to Fill: Fill station is a 4 inch Warf Head with a 2 ^{1/2} inch fill hose connection. Warf supply is clearly identified as recycled water.

Security Features: Locking cap will require a key to access the connection port to limit use. The fill hose will be identified as recycled water. The water truck will have an approved air gap and in addition will be required to display (3) 11 inch x 8 ½ inch recycled water purple decal signs indicating it is an recycled water do not drink including the universal No Drink Sign. Required locations are one on each side and one on the back of the tank. The recycled water agency will supply the decals. The operator will be required to complete an application and pay a deposit to obtain a SCWD issued purple hydrant meter to determine actual usage.

Driver Training: Exhibit D: Recycled Water Use Application and Agreement and Exhibit E: Recycled Water Tanker Truck Program Guidelines will be completed and signed by the recycled water user and the water truck operator verifying that they have read and understand the requirements and responsibilities of distributing recycled water. The water truck operator will be considered a site supervisor in addition to the recycled water user and will be required to follow all compliance regulations. In addition recycled water agency staff will personally discuss the regulatory requirements and verify that they understand and relay to them they will be closely monitored for compliance.



EXHIBIT B: COMMERCIAL RECYCLED WATER CONSTRUCTION METER

Exhibit B: Example of Commercial Recycled Water Construction Meter



EXHIBIT C: EXAMPLE CONTAINER AND TRUCK LABELS



EXHIBIT D: RECYCLED WATER USE APPLICATION AND AGREEMENT

EXHIBIT D

Recycled Water Tanker Truck Program RECYCLED WATER USE PERMIT

1. Customer Information

User's Name: _____

Name of Company: _____

Mailing Address: _____

City/State/ZIP Code: _____

Office Phone #: _____ Fax #: _____

Primary Contact: _____ Title: _____

Cell Phone or Other Phone #: _____

2. Truck Information

Provide the following information for the truck(s) for which a permit is requested. The **Member Agency Name** Program inspector must inspect each truck to determine that it is equipped with the necessary air gap and stationary hard pipe fill line, before decal issuance.

Site Supervisor	Truck Trailer # (If applicable)	License Plate Number	Capacity of Tank/Storage Containers	City Use Only Decal Number

Tanker trucks must be equipped with an air gap on the fill line to participate in this program.

3. Recycled Water Use Information (Check all that apply)

Use of Recycled Water:

☐ Compaction ☐ Dust Control ☐ Sewer Flushing ☐ Irrigation

☐ Other: _____

Application method is limited to Tanker Truck only.

Expected areas of recycled water application within the SOCWA service area:

Address	Planned Uses

Attach separate sheet if necessary

4. Recycled Water Use Agreement

While transporting or using recycled water, user agrees to install, maintain, and keep in place three magnetic signs (on both sides and the rear of each truck) identifying that recycled water is in use.

Member Agency Name will provide the first set of signs at no charge; replacement signs to be paid for at cost by user. ***User must initial here to acknowledge these requirements:*** _____

In cases where **Member Agency Name** issues a hydrant meter or gate access key, the customer must pay the Agency \$50 to replace any lost key. ***User must initial here to acknowledge this requirement:*** - _____

Customer must identify the person responsible (Site Supervisor) for implementing worker/public protection at each site (i.e., that humans are not to drink recycled water or use it for preparing food).

Name of Site Supervisor: _____

5. Vehicle Registration and Insurance Requirements

Permit holder must provide and attach copies of current vehicle registration (for each truck) and the following insurance requirements: 1) Vehicle Liability and 2) Workers' Compensation.

AUTHORIZATION, CERTIFICATION & INDEMNIFICATION

Customer is authorized to use recycled water from **Member Agency Name** Recycled Water Truck Program in accordance with Recycled Water Truck Program Guidelines and Regional Water Quality Control Board Order R9-1997-0052.

I certify that I am an authorized agent for the company cited in this application and that I have authority to bind the company to the requirements of this permit and program. I hereby certify under penalty of perjury that the information provided in this permit application and in any attachment is true and accurate to the best of my knowledge. I also certify that I have read the applicable rules and regulations of the Regional Water Quality Control Board Order R9-1997-0052 and **Member Agency Name** Recycled Water Truck Program Guidelines and agree to abide by them.

My company agrees to defend, indemnify, and hold harmless **Member Agency Name** and its Directors, officers, agents and employees from and against any and all loss, liability, expense, claims, suits, and damages, including attorneys' fees, arising out of or resulting from Permit Holder's, its associates', employees', subconsultants', or other agents' negligent acts, errors or omissions, or willful misconduct, in the operation and/or performance under this Recycled Water Use Permit.

Authorized Signature: _____

Print Name: _____ Date: _____

Agency Use Only

Permit Approved ☐

Permit Denied – Reason: _____

Inspector's Signature: _____

Permit No. RWTT: _____

EXHIBIT E: RECYCLED WATER TANKER TRUCK PROGRAM GUIDELINES

EXHIBIT E – RECYCLED WATER TANKER TRUCK PROGRAM GUIDELINES

Recycled Water Quality

The South Orange County Wastewater Authority's (SOCWA) recycled water suppliers provide clean, safe, tertiary-treated recycled water supplies that meet the rigorous and protective standards set by the State Water Resources Control Board- Division of Drinking Water that qualify for unrestricted uses under Title 22 of the California Code of Regulations.

General Program Requirements

Recycled water is available to non-potable water tanker truck customers requesting to use this water for construction purposes (dust suppression or soil compaction), street cleaning, irrigation, and other approved uses. Customers interested in participating in this program must complete a Recycled Water Tanker Truck Program Recycled Water Use Permit. The application may be obtained as follows:

- Download the application from the Member Agency Name website;
 - Call Member Agency Name, the contact for the Recycled Water Program at Member Agency Name number and request an application from by mail or electronic file.
1. Application forms must be completed and returned with copies of required documents attached (photocopies, PDFs, scanned documents are acceptable) to Member Agency Name Recycled Water Program. Options for submitting completed applications and materials include:
 - By mail: Member Agency Name, Mailing Address, Contact
 - By email: Member Agency Contact Name and Email Address
(In the subject line of the email, please type "Recycled Water Program")
 2. The following documents **must be attached to the permit application:**
 - Proof of vehicle liability insurance for each truck
 - Proof of worker's compensation insurance
 - Proof of valid vehicle registration for each truck
 3. Complete **MANDATORY TRAINING**. Before trucks can be filled for the first time, all truck drivers and owner representatives are required to attend a brief on-site orientation/training in order to learn about using the filling station and the proper handling and safe use of recycled water. Member Agency Name Recycled Water Program schedules on-site orientation/training and informs customers of the date, time and location.

4. Once the customer completes the on-site orientation/training and a **Member Agency Name** Recycled Water Program inspector verifies the tanker truck as well as the recycled water use site meet the recycled water use requirements, they will receive the following:
 - A signed Recycled Water Use Permit
 - Three recycled water signs/decals to affix to the customer's truck (both sides and rear)
 - A permit decal that must be affixed to the driver's side rear bumper
 - An access code/key to the filling station (as applicable)

Note: The Recycled Water Program provides the first set of signs and decals at no charge; the customer will be charged (at cost) for any replacement signs or decals.
5. The recycled water user/user's agent must carry at least two copies of the Recycled Water Use Permit in the truck; it must be available for inspection at all times.
6. DO NOT OVERFILL TRUCKS.

Requirements to Access Recycled Water Filling Stations

1. Recycled water is presently available at the following locations: **Member Agency Name** Locations.
2. Trucks must have an affixed AGENCY-issued decal and appropriately placed recycled water signage.
3. In order to access the recycled water filling station, the truck driver must present a copy of the Recycled Water Use Permit to attendant for each water pickup and have completed the **Member Agency Name** mandatory water truck training.
4. Depending on the location of the filling station, **Member Agency Name** may issue either a hydrant meter access/gate padlock key or a gate code following the completion of site orientation/training and the issuance of a permit. Tanker truck customers who lose or misplace their key will be charged a replacement fee.
5. **NO IDLING.** Please turn off your truck engine while filling or waiting at the filling station.
6. **NO SMOKING** is permitted in the plant at any time. Smoking is a safety hazard as there are flammable gases, oxygen, and methane present.
7. Do **not** leave any trash or debris in the filling station area.

8. Please do not block any turnaround areas or nearby driveway entrances/exits when waiting or filling at any filling station.
9. ***For Meter Filling Station(s): PLEASE SHUTOFF THE METER BEFORE DISCONNECTING THE FILL LINE AND MAKE SURE NO WATER IS LEAKING FROM THE METER.***
10. In the event of an emergency concerning the recycled water meter, fill pipe or hose (spillage, leaks, etc.), the truck driver should call the emergency contact number listed on the filling station sign for further instructions.

Recycled Water Handling and Use Requirements/Precautions

1. All recycled water use sites must be noted on the permit application.
2. Do ***not*** drink recycled water or use it for food preparation. Additionally, the truck driver must notify workers and/or the public when recycled water is used at a site and inform them not to drink recycled water or use it for food preparation.
3. Use areas will be maintained to prevent recycled water use from contributing to the breeding of flies, mosquitos, or other vectors.
4. Trucks or tanks that have used for septic tank, cesspool or other contaminates shall not be used to contain or distribute recycled water.
5. Recycled water users should apply hand sanitizer or wash their hands with soap and potable water after working with recycled water and especially before eating or smoking.
6. Measures should be taken to minimize contact of users/workers with recycled water including avoiding recycled water spray.
7. Precautions should be taken to avoid food coming in contact with recycled water while the use site is wet.
8. Truck drivers should be equipped with an adequate first aid kit. Cuts or abrasions should be promptly washed, disinfected and bandaged.
9. Recycled water shall not be allowed to spray on external drinking water fountains, barbeques, picnic tables or eating areas.

10. Recycled water shall not be applied where it could contact or enter passing vehicles, and buildings or areas where food is handled or eaten. Member Agency Name will provide drivers with a list of drinking water fountains located within the service area as well as information regarding accidental contact with drinking water fountains and/or areas where food is handled or eaten.
11. Recycled water users shall take adequate measures to prevent overspray, ponding, or run off of recycled water from the authorized recycled water use area unless it is specifically allowed by the Regional Water Quality Control Board or by an attachment to the Recycled Water Use Permit issued by Member Agency Name Recycled Water Program. Recycled water use will not occur if the public is present and can be exposed. Measures to minimize public contact with spray irrigation, misting and droplet contamination will be included in the Mandatory Training.
12. No irrigation or impoundment of recycled water is allowed within a minimum of 50 feet of any domestic (drinking water) well. Prior to or at the time a permit is issued to a truck driver, the Member Agency Name will inform the truck driver of any domestic wells located within the service area and within 50 feet of the service area to prevent accidental well exposure. \
13. Vehicles used for transportation and distribution of recycled water must be inspected by drivers before each use to ensure valves and fittings are water-tight, are not leaking, and tanks are cleaned of containments. A truck or tank that has contained material from a septic tank or cesspool shall not be used to convey recycled water.
14. Recycled water must not be introduced into any permanent piping system and no connection shall be made between the tank and any part of a potable (drinking) water system.
15. All tanks and piping, as well as any recycled water use areas accessible by the public, shall be labeled with visible signs no less than 4 inches high by 8 inches wide. Signs will state in English and Spanish: "RECYCLED WATER: DO NOT DRINK." Any recycled water use areas that have dual use, such as a park with a dedicated potable irrigation system and supplemental hauled recycled water, will have signs that indicate such usage (i.e.: "Recycled Water Applied by Truck When Present – Do Not Drink").
16. Tanker trucks used to transport recycled water shall never be used to carry water for potable purposes, regardless of the source water. When the truck is filled from a potable water source, there must be a reduced pressure principal backflow device (RP) protecting the potable system. The truck fill line must be equipped with an approved sized air gap.
17. The permitted hauler shall notify Member Agency Name prior to any change/addition of use receiving recycled water. The Member Agency Name, Regional Water Quality Control Board,

State Water Resources Control Board and Orange County Health Care Agency (OCHCA) will have the right to enter any recycled water site during reasonable hours to ensure that the user is complying with these terms and the **Member Agency Name** rules and regulations.

Failure to follow program requirements and/or adhere to applicable State, County or local codes will result in suspension of the tank truck permit and can result in criminal and/or civil penalties per INSERT CODE.

I certify that I have read, understand, and agree to abide by the above guidelines.

User Signature: _____ Date: _____

Print Name: _____

Company: _____

California Driver License Number: _____