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City of Ventura
Wastewater Change
Petition (WW0083)
Information

15 April 2015

Prepared for

City of Ventura Wastewater Plant Supervisor Ventura Water P.O. Box 99 Ventura, CA 93001

K/J Project No. 1444238*00

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1.1 Overview

Due to current and anticipated drought conditions over the coming years, the City of San Buenaventura (Ventura, City) is expecting increased frequency and duration of potable water shortages. As such, the City is proposing to expand the use of recycled water permitted under Order No. 87-45, which allows for the delivery of recycled water for irrigation of golf courses, cemeteries, freeway landscapes, and landscapes in other areas where the public has similar access or exposure. The recycled water delivered to users must be of at least disinfected secondary-23 recycled water, as described in California Code of Regulations, Title 22.

The City has received multiple requests to expand recycled water delivery from their existing water reclamation facility (WRF), to entities such as AERA Energy LLC and the Ventura County Transportation Department. Both entities have requested the use of recycled water, as opposed to potable water, for their dust control needs. The proposed additional uses would be via additional truck trips to load the trucks with the recycled water and deliver to these uses within the City limits. In addition, the City has received multiple requests from residential homeowners who would like to use the recycled water to irrigate their private residences, as opposed to irrigating with potable water. The City would be in charge of overseeing recycled water distribution as part of the currently operating WRF.

The current average annual effluent flow at the WRF is 7.8 million gallons per day (mgd). The proposed uses of recycled water range from a minimum of 0.54 mgd (599.4 AFY) to a maximum of 1.97 mgd (2,206.8 AFY), or approximately 7 to 25% of the WRF's annual effluent flow of 7.8 mgd respectively. This would reduce effluent discharge to the Santa Clara River (SCR) Estuary at minimum to 7.26 mgd and to a maximum of 5.8 mgd. See Table 3 for a summary of the monthly average effluent flows and those projected from this project. The point of discharge for treated wastewater effluent shall remain unchanged (see discharge location information in Table 1).

The purpose of this report is to provide information on the City's WRF, planned uses of recycled water including additional truck transportation for such water, and demonstrate the ability to reliably serve recycled water that is in compliance with the existing permits.

The City filed Wastewater Change Petition WW0083 with the State Water Resources Control Board (State Water Board) on February 23, 2015, pursuant to Water Code section 1211. The petition seeks to change the place of use of recycled water and reduce the amount of treated wastewater the City WRF currently discharges to the SCR Estuary.

Part of the change petition process is the evaluation of the environmental impacts of the proposed uses, which is done through the California Environmental Quality Act (CEQA) process. The City will be the CEQA Lead Agency for the project.

1.2 Ventura Water Reclamation Facility

The City owns and operates the Ventura WRF, which discharges tertiary treated municipal wastewater to the Santa Clara River Estuary (Estuary) just south of the City near the mouth of the Santa Clara River (see Figure 1 and Table 1 for location information). The design capacity of the WRF is 14 mgd and is limited to 9mgd¹. Discharge to the Estuary is permitted under National Pollution Discharge Elimination System Permit CA0053651.

The Ventura WRF also currently produces Title 22 tertiary quality water that is used for local landscape irrigation that is regulated by a separate Waste Discharge Requirements and Water Recycling Requirements Order No. 87-45, CI No. 6190. Recycled water from the Ventura WRF is used for general irrigation of golf courses, parks and similar landscape areas. Existing recycled water customers include: golf courses - Olivas Links Golf Course and Buenaventura Golf Course; parks - Marina Park; and landscape irrigation near Olivas Drive and in the Harbor area. If regulatory limits are met, Ventura WRF recycled water is approved for unrestricted irrigation of golf courses, parks, playgrounds, school yards, and other landscaped areas with similar access (unrestricted reuse). The recycled water demand varies seasonally with minimum demands in the winter and maximum demands in the summer. Monthly demands range from approximately 0.07 mgd to 1 mgd, with an average demand of 0.5 mgd.

The remaining treated wastewater is conveyed via the effluent transfer station (ETS) to a 20-acre system of wildlife ponds and flows from west to east through "Bone," "Snoopy," and "Lucy." The effluent is discharged through the outfall junction structure (OJS) to the Santa Clara River Estuary via an effluent channel (photo of the discharge location are provided at the end of this report.) There are losses due to evaporation and percolation in the wildlife ponds prior to final discharge of effluent to the Estuary. The average annual effluent flow (as measured at the ETS) from 2010 to 2011 was 7.8 million gallons per day (mgd) (Carollo, 2014).

Differences between the influent flows and the effluent flows are due to recycled water streams and the diversion of water to the existing reuse system.

Table 1: Ventura Water Reclamation Facility Discharge Location

Discharge Point	Effluent Description	Discharge Point Latitude (North)	Discharge Point Location (West)	Receiving Water
001	Tertiary-treated wastewater	34.239367	-119.258703	Santa Clara River Estuary via Wildlife Ponds
		S23, T2N, R23W		

-

¹ The design flow of 14 mgd is limited to 9 mgd discharge to the Santa Clara River Estuary, the 2000-2008 annual average flow, at which time the Regional Water Board mandated studies to determine if the estuary water quality and beneficial uses were enhanced by the effluent.

Figure 1: City of Ventura WRF Location



Source: Carollo Treatment Wetlands Feasibility Study, March 2010

1.3 Current Recycled Water Users and Demands

Recycled water from the Ventura WRF is used for general irrigation of golf courses, parks and similar landscape areas. Existing recycled water customers (and their locations) as of November 2011 are listed in Table 2 and on Figure 6a.

Table 2: Current Recycled Water Users

			Section, Township,
Map ID No. ⁽¹⁾	Recycled Water User	Location (Lat/Long)	Range
1	Buena Ventura Golf	34.237827°, -119.208869°	S20, T2N, R22W
	Course		
2	Olivas Links Golf	34.241005°, -119.253587°	S23, T2N, R22W
	Course		
3	MBL Golf Course LLC	34.242424°, -119.207441°	S17, T2N, R22W
4	Harbortown Point	34.251905°, -119.266464°	S14, T2N, R23W

			Section, Township,
Map ID No. ⁽¹⁾	Recycled Water User	Location (Lat/Long)	Range
5	Ventura Port District	a) 34.249185°, -	S14, T2N, R23W
	(2 sites)	119.258440°	
		b) 34.245041°, -	S14, T2N, R23W
		119.257187°	
6	Marina Park	34.253536°, -119.267317°	S15, T2N, R23W
7	MBL Properties	34.241908°, -119.207405°	S17, T2N, R22W
	Stormwater Detention		
	Basin		
8	MBL Olivas at Bunsen	34.243037°, -119.210090°	S17, T2N, R22W
9	MBL Olivas at Seaborg	34.243318°, -119.211213°	S17, T2N, R22W
10	Olivas Adobe	34.244004°, -119.242033°	S13, T2N, R23W
11	Four Points Sheraton	34.226334°, -119.257675°	S26, T2N, R23W
	Hotel		
12	San Buenaventura	34.240611°, -119.261065°	S23, T2N, R23W
	Outside Irrigation		
	Contracts		
13	Holiday Inn Express	34.248885°, -119.258425°	S14, T2N, R23W

Source: www.earthpoint.us

Note (1) Map identification numbers correspond to Figure 6a.

The recycled water demand varies seasonally with minimum demands in the winter and maximum demands in the summer. Monthly demands range from approximately 0.07 mgd to 1 mgd, with an average demand of 0.5 mgd. The demands vary significantly across the recycled water customers. The two golf course customers, Olivas Links Golf Course and the Buenaventura Golf Course, account for between 78 percent and 91 percent of the total recycled water demand. Table 3 provides a summary of the existing and projected demand for recycled water within the City.

Table 3: Existing and Projected Recycled Water Demands (AFY)

User Type	2010	2015	2020	2025	2030	2035
Landscape Irrigation	532	700	700	700	700	700
Santa Clara River Estuary ^{(a)(b)}	6,017	6,234	6,052	6,355	6,597	6,900

Source: 2010 City of Ventura UWMP (Kennedy/Jenks, 2011) Notes:

1.4 Proposed Change in Recycled Water Use

The extreme dry conditions within the State have forced many water users to investigate use of recycled water to offset activities currently served potable water such as dust control, median irrigation, etc. This section provides a summary of the proposed additional uses of recycled water from the Ventura WRF. No change is being proposed to the current discharge location. However, a discharge flow reduction to the Santa Clara River Estuary is proposed to increase

⁽a) Does not include losses due to infiltration during storage. These losses are approximately 1,100 AFY according to the Estuary Subwatershed Study (2011). Discharge to the Santa Clara River Estuary is capped at 9 mgd (10,080 AFY)

the volume of recycled water for new uses. The City of Ventura has retained all rights to use recycled water produced from wastewater originating in its service area. Treated wastewater discharged to the Santa Clara River Estuary is not subject to downstream water rights, as there are no users of the SCR located downstream of the Ventura WRF discharge to the Santa Clara River Estuary.

1.4.1 AERA Energy, LLC

AERA Energy, LLC (AERA) is an oil and gas production facility with multiple locations within California, including an onshore facility that covers approximately 4,300 acres in Ventura County (see Figure 3). AERA is requesting recycled water for dust control purposes on some of its oilfield operations to minimize their use of potable water for the same purpose. AERA proposes to designate 6 water trucks that hold 4,000 gallons each for the recycled water application. Each truck fills up approximately 3-5 times per day. To begin, they anticipate filling up all 6 trucks at the start of the day with recycled water. If the need to save potable water increases as a result of the drought, AERA would consider increasing the number of times per day that they utilized recycled water.

AERA is located at latitude 34.315273, longitude -119.289925; at Section 21, Township 3N, and Range 23W (see map ID location number 14 on Figure 6b).

Therefore, AERA is proposing to use 0.072 mgd at a minimum to a maximum of 0.120 mgd. This is approximately 0.9 to 1.5 % of the Ventura WRF's annual effluent flow of 7.8 mgd. See the provided attachment for the proposed use calculations.

The Ventura WRF has a filling station within the WRF plant premises, on the main plant road at the Buena Pump Station, as shown in Figure 4. To access the filling station, trucks will enter and exit the plant from Spinnaker Drive. The designated truck route through the plant to the filling station is also shown on Figure 4.

The Ventura WRF filling station is located at latitude 34.239692, longitude -119.258869; at Section 21, Township 3N, and Range 23W (see map ID location number 15 on Figure 6b).

Figure 2: AERA Energy, LLC Location



Figure 3: Ventura WRF Truck Filling Station Location



1.4.2 Ventura County Department of Transportation

The Ventura County Department of Transportation (Department) is responsible for planning, designing, funding, building, operating and maintaining approximately 544 miles of roadway, bridges, drainage and related transportation facilities in Ventura County. The Department is requesting to utilize recycled water for dust control and maintenance of unimproved, earth, shoulder areas that are used as staging areas for construction projects and for emergency equipment and personnel. They are proposing to designate 2 water trucks that hold 3,000 gallons each for the recycled water application.

The Department purchases water for construction from various purveyors. In FY 2013-2014 they purchased approximately 790,000 gallons (2.4 AF). In FY2012-2013 they purchased 478,000 gallons (1.5 AF). And in FY 2011-2012 they purchased 400,000 gallons (1.2 AF).

Based on this usage, the Department is proposing to use 0.001 mgd at a minimum to a maximum of 0.002 mgd recycled water from the Ventura WRF. This is approximately 0.01 to 0.025% of the Ventura WRF's annual effluent flow of 7.8 mgd. See the provided attachment for the proposed use calculations.

The locations of the proposed construction areas are located on Figure 6 on multiple medians and shoulders, located throughout Ventura. The location information for these locations is provided in Table 4, and on Figure 6b.

The Department's trucks will utilize the same filling station within the WRF plant premises, as shown on Figure 4.

Table 4: Ventura Department of Transportation Proposed Recycled Water Locations

Recycled Water		Location (Lat/Lang)	Section, Township,
Map ID No.	Location	Location (Lat/Long)	Range
16	Harbor Blvd.	34.264304, -119.269869	S10, T2N, R23W
17	Gonzales Road	34.219255, -119.236437	S25, T2N, R23W
18	Doris Avenue	34.208689, -119.229735	S31, T2N, R22W
19	5 th Street	34.197549, -119.220956	S31, T2N, R22W
20	Arnold Road	34.134447, -119.153555	S26, T1N, R22W
21	Casper Road	34.136232, -119.144588	S26, T1N, R22W
22	Hueneme Road	34.147045, -119.121771	S19, T1N, R21W
23	Olds Road	34.160004, -119.148808	S14, T1N, R22W
24	Nauman Road	34.158282, -119.122493	S19, T1N, R21W
25	Etting Road	34.161637, -119.122519	S18, T1N, R21W
26	Hailes Road	34.166686, -119.124883	S13, T1N, R22W
27	Wood Road	34.170405, -119.096376	S17, T1N, R21W
28	Foothill Road	34.286641, -119.209889	S32, T3N, R22W
29	Telegraph Road	34.279602, -119.203944	S5, T2N, R22W
30	Cummings Road	34.331689, -119.119684	S19, T3N, R21W
31	Olive Road	34.317203, -119.138612	S24, T3N, R22W

	Recycled Water		Section, Township,
Map ID No.	Location	Location (Lat/Long)	Range
32	Briggs Road	34.323764, -119.102324	S20, T3N, R21W
33	Aliso Canyon Road	34.320415, -119.148020	S23, T3N, R22W
34	Wheeler Canyon Road	34.343711, -119.144288	S14, T3N, R22W
35	Rose Avenue	34.193122, -119.159857	S3, T1N, R22W
36	Central Avenue	34.245548, -119.135025	S13, T2N, R22W
37	Santa Clara Avenue	34.231047, -119.133853	S24, T2N, R22W
38	Beardsley Road	34.239915, -119.101564	S20, T2N, R21W
39	Wright Road	34.231693, -119.163123	S22, T2N, R22W

Source: www.earthpoint.us
Note (1) Map identification numbers correspond to Figure 6b.

Figure 4: Ventura County Department of Transportation Proposed Locations for Use of Recycled Water



1.4.3 Residential Users

With California facing one of the most severe droughts on record, Governor Brown declared a drought State of Emergency in January of 2014 and directed state officials to take all necessary actions to prepare for water shortages. To do so, Ventura County has put mandatory water restrictions in place that limit the amount that residents can use, which include both indoor and outdoor uses. As a result, a number of residents have approached Ventura Water with a desire to utilize recycled water for irrigation purposes to maintain lawns and greenery.

In order to facilitate this type of residential recycled water use program, Ventura Water will need to accomplish at minimum the following:

- Obtain approval from the SWRCB Division of Drinking Water
- Obtain approval from the LARWQCB
- Establish signage for containers
- Establish a training program for employees and residents
- Develop a "use agreement form" for participating residents
- Establish a "fill-station" where residents can fill appropriate signage containers
- Man the fill-station with staff resources to monitor and enforce the rules of the residential program (i.e., ensure use agreement forms are signed, train new users, distribute and ensure containers have proper signage, ensure safety, etc.).

A similar type of residential recycled water distribution program has recently been implemented in Northern California by the Dublin San Ramon Services District. That program, which started operation in May 2014, has distributed 0.434 mg (1.3 AF) to residential users and has approximately 70 to 100 customer trips each day.

According to the 2010 Ventura Urban Water Management Plan (Kennedy/Jenks, 2011), the residential sector of the City, comprised of approximately 23,200 single family and 2,400 multifamily residential accounts, represents approximately 61 percent of the City's total water consumption. Year 2015 total residential water use is estimated at 13,800 AF. Typically, in southern California, 75% of residential water use is used outdoors, which would equate to about 10,350 AF. For this analysis, it is proposed that at minimum residents may supplement 5% of their outdoor water use with recycled water, equaling 518 AF. At maximum, if they supplement their outdoor use by 20% it would equate to 2,070 AF. See the provided attachment for the proposed use calculations. It is not yet known which residents will be requesting water for individual irrigation purposes. Therefore, their locations cannot be added to Figures 6a, 6b at this time.

1.5 Reduction in Flows to the SCR Estuary

The proposed uses of recycled water range from a minimum of 0.54 mgd (599.4 AFY) to 1.97 mgd (2,206.8 AFY), or 6.9 to 25.3% of the WRF's annual effluent flow of 7.8 mgd respectively. This would reduce effluent discharge at minimum to 7.26 mgd, to a maximum of 5.8 mgd.

Carollo (May 2014) indicated that preliminary investigations suggest a discharge flow into the Estuary of 4 to 5 mgd would provide the greatest (or near greatest) habitat for the impacted species. Thus the proposed changes in recycled water use would result in flows still greater than the recommended flows in the Carollo (2014) investigation.

Table 5 summarizes the resulting reduction in effluent flows from the Ventura WRF to the SCR Estuary from the proposed new uses.

Table 5: Existing and Proposed Effluent Discharges to the SCR Estuary

	2007-2011 Average (MGD)	Proposed Change Minimum (based on 6.86%) (MGD)	Resulting Discharge Maximum (MGD)	Proposed Change Maximum (based on 25.3%) (MGD)	
Jan	10.146	0.696	9.450	2.563	7.583
Feb	10.118	0.694	9.424	2.556	7.562
Mar	9.236	0.634	8.602	2.333	6.903
Apr	9.11	0.625	8.485	2.301	6.809
May	8.884	0.609	8.275	2.244	6.640
Jun	8.486	0.582	7.904	2.144	6.342
Jul	8.472	0.581	7.891	2.140	6.332
Aug	8.734	0.599	8.135	2.206	6.528
Sept	8.628	0.592	8.036	2.179	6.449
Oct	9.158	0.628	8.530	2.313	6.845
Nov	8.946	0.614	8.332	2.260	6.686
Dec	10.142	0.696	9.446	2.562	7.580

Source: 2007-2011 Ventura Water Annual Reports

Section 2: Background Information

The City of San Buenaventura (City or Ventura) is located 62 miles north of Los Angeles and 30 miles south of Santa Barbara along the California coastline. The City currently occupies about 21 square miles being bound by the City of Oxnard to the south, by unincorporated Ventura County to the east and north, and by the Pacific Ocean to the west. The City provides water and wastewater services through the City's water utility, Ventura Water, which has operated the Ventura WRF since 1980.

The key objectives of the Project are to:

- Achieve regulatory approval (wastewater discharge petition for the Order 87-45) for expanding the recycled water uses from the Ventura WRF for the purpose of offsetting potable uses; and
- Determine the reduction in discharge to the Santa Clara River Estuary (Estuary) as a result of the proposed project.
- Obtain a wastewater change petition (WW0083) from SWRCB, Division of Water Rights, as required under Water Code section 1211.

2.1 Rules and Regulations

The SWRCB and the RWQCBs have regulatory authority over projects using recycled water. The City of Ventura is in the jurisdiction of LARWQCB. The following sections summarize existing regulations that govern recycled water use by the City.

2.1.1 Los Angeles Regional Water Quality Control Board Order 87-45

Los Angeles RWQCB Order 87-45 regulates the conditions under which the City is allowed to distribute recycled water to users. Order 87-45 indicates that recycled water may be used for the irrigation of golf courses, cemeteries, freeway landscapes, and landscapes in other areas where the public has similar access or exposure shall be at all times an adequately disinfected, oxidized wastewater. Order 87-45 also includes recycled water quality monitoring and reporting requirements. Allowed recycled water use areas and provisions under which users are permitted and inspected are described.

Under Order 87-45, the City is the party responsible for ensuring recycled water is of sufficient quality and for notifying the LARWQCB of any violations. It is the City's responsibility to document effluent quality and file reports on effluent quality and water usage by permitted users in reports to the Regional Board. The City is also responsible for inspecting and documenting that recycled water users are in compliance with order requirements.

2.1.2 Los Angeles Regional Water Quality Control Board Order R4-2013-0174 (NPDES No. CA0053651)

The Ventura WRF has been granted a National Pollutant Discharge Elimination System (NPDES) permit to discharge tertiary treated wastewater to the Estuary from the LARWQCB. The Ventura WRF currently discharges to the SCR Estuary under existing NPDES permit (CA0053651) which was adopted by the LARWQCB on March 6, 2008, and updated in November of 2013. The next update of the permit is due in 2019. The permit can be accessed here:

http://www.cityofventura.net/files/file/public-works/water/131120VWRFPermit1822_R4-2013-0174_WDR_PKG.pdf

Under the Water Quality Control Policy for the Enclosed Bays and Estuaries of California, discharges of municipal wastewater to enclosed bays and estuaries are to be phased out except in circumstances where the discharge is shown to enhance the quality of receiving waters. To address this issue regarding a finding of enhancement, the LARWQCB required the City to complete the "Special Studies for the Santa Clara River Estuary" as a condition of the City's 2013 NPDES discharge permit (CA0053651). See section 2.2 for brief details on these additional studies.

2.2 Previous Reports and Studies

As mention above, the Ventura WRF treats the wastewater generated by the City's 30,000 homes and businesses to stringent standards before releasing the clean water to the Santa Clara River Estuary (Estuary). This discharge, regulated by NPDES permit CA00053651, is renewed every five years. During the 2008 re-issuance process, controversy arose on whether or not the City should be permitted to continue its current volume of water released into the Estuary. The City is currently evaluating all alternatives for proposed discharge to allow for the best ecologically sustainable alternative since the discharge supports the Estuary's endangered species and enhancement of its habitat value. The NPDES permit thus allows continuation of the discharge to the Estuary, but required the City to perform three extensive studies described below. While these studies are related to the project being proposed, they regard the NPDES permit and how that permit will be changed in the future.

The City set up a website for the Santa Clara River Special Studies which can be accessed here: http://www.cityofventura.net/rivers

2.2.1 Treatment Wetlands Feasibility Study

This 2010 study evaluated the feasibility of implementing a constructed treatment wetland to further improve the water quality of the Ventura WRF tertiary discharge by reducing nutrients and other constituent concentrations to further promote receiving water quality improvements. The study found that treatment wetlands could provide additional nutrient reduction for the Ventura WRF discharge thus improving the quality of the water that is discharged to the Estuary. In addition, wetlands could provide beneficial use through creation of wetland habitat.

2.2.2 Estuary Subwatershed Study

This 2011 study evaluated the physical and biological function of the Estuary affected by the discharge to determine whether the discharge to the Estuary provides an ecological enhancement now or under different conditions such as a decreased discharge to the Estuary.

2.2.3 Recycled Water Market Study (Phase 1)

This 2010 study evaluated and quantified the feasibility of expanding the City's existing recycled water system through evaluation of potential users within a five-mile radius of the Ventura WRF.

2.2.4 Recycled Water Market Study (Phase 2)

This 2014 study builds on the Phase 1 study and identifies additional potential uses/market for recycled water through discussion with City staff and through stakeholder input.

2.2.5 Nutrient and Toxicity Special Study and Groundwater Special Study

In October 2014, the LARWQCB approved the work plans for two additional studies; a nutrient and toxicity special study, and a groundwater special study. The nutrient and toxicity study will identify the cause of nutrient, dissolved oxygen and toxicity impairments in the Estuary. The groundwater study will document the interaction between the estuary, discharge and groundwater and evaluate the beneficial use of water impacted by the WRF discharge.

2.2.6 Tertiary Treated Consent Decree

Related to the studies mentioned above is the Tertiary Treated flows Consent Decree and Stipulated Dismissal with Heal the Bay and Ventura Coastkeeper, effective March 30, 2012. The settlement sets a goal to identify, select, plan, design, engineer, environmentally review, permit and construct infrastructure projects that have the capacity to reduce, by 2025, the amount of water entering the Santa Clara River Estuary (Estuary) by up to 100 percent (subject to regulatory, technical and financial infeasibility) by diverting it to other recycled and reclaimed water uses, including uses that improve local supply and enhance conservation. At the same time, however, the Consent Decree obligates and allows the City to reduce discharges to the Estuary only by that amount approved and permitted by state and federal regulatory agencies with jurisdiction over discharges, the Estuary, and the endangered and threatened species and habitats of the Estuary.

While the findings of the Final Report suggested that an average annual volume of 4 to 5 mgd of Ventura WRF effluent should remain as discharge, via a treatment wetlands, to the Estuary to protect beneficial uses, several stakeholders, including Heal the Bay and Ventura Coastkeeper, raised concerns about data gaps and the study findings.

2.3 Recycled Water User Guidelines/Training

Ventura WRF will be responsible for providing proper training to all employees involved in the WRF handling and distribution of recycled water according to requirements in Order 87-45, the City's WRF guidelines and other relevant program requirements. The Ventura WRF will also provide recycled water quality monitoring results and recycled water usage records for each user to Ventura Water for regulatory reporting requirements.

All users will be responsible for following and implementing stipulations contained in Sections C and D of Order 87-45.

2.3.1 Commercial Users

Customers with trucks interested in getting recycled water must apply for a Recycled Water Use Permit. The Use Permit will require that the recycled water be used/delivered only in the Ventura Water service area. Before trucks can be filled for the first time, all truck owners and/or drivers shall be required to attend a brief on-site orientation/training in order to learn about using the truck filling station and how to properly handle and use recycled water. Trucks will sign in at the front desk of the Ventura WRF and show their Recycled Water Use Permit prior to filling. Users must also be properly trained in mandatory procedures for using the commercial fill station. If commercial users request a recycled water construction meter, other administrative procedures may apply.

2.3.2 Residential users

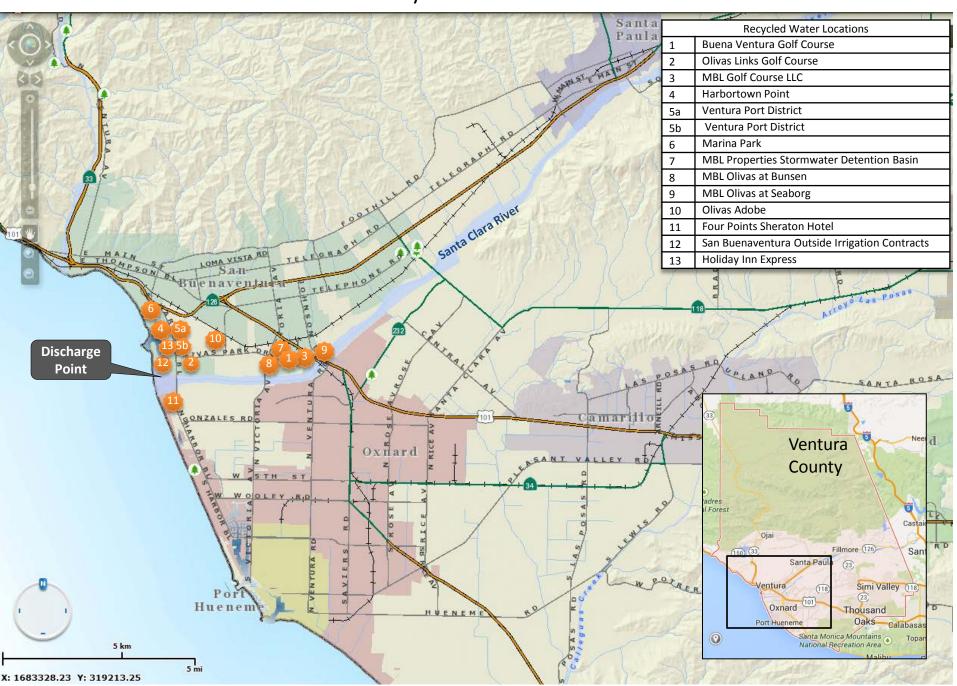
For residential users that wish to pick up recycled water from the WRF, they must first sign a Residential Recycled Water Use Agreement, be trained in proper procedures, and receive required ID card and stickers for the water containers. Residential users will also be required to receive required training for proper handling and use of recycled water.

Figure 5: Ventura WRF Discharge Location Photos





6a. Current Recycled Water Users



6b. Planned Recycled Water Users

