



*"Citrus Capital of the World"*

# City of Santa Paula

970 Ventura Street • Santa Paula, California • Mailing Address: P.O. Box 569 • 93061 • Phone: (805) 525-4478 • Fax: (805) 525-6278

April 1, 2019

Deborah Smith, Executive Officer  
Los Angeles Regional Water Quality Control Board  
320 West Fourth Street, Suite 200  
Los Angeles, CA 90013

**RE: City of Santa Paula 2018 Annual Recycled Water Report, Compliance File CI No. 10289**

Dear Ms. Smith,

The City of Santa Paula (City) hereby submits the 2018 Annual Recycled Water Report as required by the Notice of Applicability (NOA) of Enrollment under the Water Reclamation Requirements General Order WQ 2016-0068-DDW (General Order). The Santa Paula Wastewater Recycling Facility is also regulated by Waste Discharge Requirements Order No. R4-2018-0022 (WDR).

In 2018, the facility operated in compliance with the General Order. Compliance with the General Order regulations related to recycled water contained in California Code of Regulations Title 17 and 22 were not applicable in 2018, as no recycled water was sent to recycled water users. Therefore, the high effluent total coliform concentrations reported in March 2018 did not exceed the General Order specifications. The events associated with the high concentrations were reported to the State at the time of occurrence, consistent with the requirements of the WDR.

The following certification statement is required by Attachment B of the General Order:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Sincerely,

Clete Saunier  
Director of Public Works

CC: Renee Purdy, LARWQCB  
Michael K. Rock, City Manager  
John C. Cotti, City Attorney  
Caesar Hernandez, Management Analyst  
Ashli Desai, Larry Walker Associates  
Betsy Elzufon, Larry Walker Associates

# 2018 Annual Recycled Water Report

The City of Santa Paula (City) owns and operates the Santa Paula Wastewater Recycling Facility (SPWRF) that produces disinfected tertiary recycled water for beneficial reuse (Recycled Water Program). Discharge from the SPWRF is regulated under Waste Discharge Requirements Order No. R4-2018-0022 (WDR). The City received the Notice of Applicability (NOA) of Enrollment under the Water Reclamation Requirements General Order WQ 2016-0068-DDW (General Order) from the Los Angeles Regional Water Quality Control Board (Regional Board) on June 14, 2017. This report is submitted in compliance with the requirements of the NOA and General Order, and with the Regional Board's Monitoring and Reporting Program No. CI-10289.

This annual report is submitted in accordance with General Order Attachment B: Monitoring and Reporting Program (MRP) and contains the following required information.

Report Section Title	Required by General Order MRP	Required by Regional Board MRP (No. CI-10289)	Page
1. Summary of Non-Compliance		Discussion of items where discharge limitations were not met (Section I.L)	1
2. Recycled Water Users	Summary table of all recycled water users and use areas	Section I.C.1	1
3. Inspections and Enforcement	Summary of all inspections and enforcement actions, discussion of compliance and corrective actions taken	Section I.C.2	2
4. Performance Evaluation	Evaluation of performance of the facility, including discussion of issues, problems, and flow forecast	Section I.C.3	2
5. Monitoring Results	Tabular and graphical summaries of all required monitoring data collected during the year	Section I.C.4	2
6. Contact Information	Name and contact information for responsible recycled water operator	Section I.C.5	5
7. Other Requirements		Quarterly reporting (Section I.A) Certification (Section VI)	5

## 1. SUMMARY OF NON-COMPLIANCE

*This section includes a discussion of items where the discharge limitations were not met, and includes a statement about the cause(s) of non-compliance and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with WRRs.*

There were no instances of non-compliance with discharge limitations or the WRRs during 2018.

## **2. RECYCLED WATER USERS**

*This section includes a summary table of all recycled water users, the date and term of recycled water user agreements, and the use areas (with maps as applicable).*

The City did not deliver recycled water to recycled water users in 2018.

## **3. INSPECTIONS AND ENFORCEMENT**

*This section includes a summary table of all inspections conducted by the City and recycled water users, as well as any enforcement activities initiated by the City. It includes all site inspection reports and a discussion of compliance and the correction action(s) taken, as well as any planned or proposed actions needed to bring the discharge into compliance with the NOA, MRP, and/or General Order. Copies of enforcement actions taken by the City are attached.*

As no recycled water was delivered to users in 2018, no inspections or enforcement actions were necessary.

## **4. PERFORMANCE EVALUATION**

*This section contains an evaluation of the performance of the recycled water treatment facility, including a discussion of capacity issues, system problems, and a forecast of the flows anticipated in the next year.*

During 2018, high levels of effluent total coliform were reported on March 12 and 13. These levels exceed the General Order specification that recycled water distribution and use shall be in compliance with CCR Title 22, however no water was delivered to recycled water users in 2018, therefore the Title 22 regulations do not apply. The high concentrations were reported to the State at the time of occurrence, consistent with the requirements of the WDR.

There were no other performance issues at the SPWRF. Delivery of recycled water to users is not expected to begin in 2019, therefore the predicted flow is zero.

## **5. MONITORING RESULTS**

*This section includes a summary of all required monitoring performed during the calendar year.*

### **Recycled Water Monitoring**

Recycled water was not used for irrigation of landscape areas<sup>1</sup> in 2018, therefore priority pollutant monitoring was not required.

### **Disinfection System Monitoring**

The disinfection system monitoring data collected 2018 (effluent turbidity and total coliform) are shown in **Tables 1 and 2**.

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<sup>1</sup> Landscape areas are defined as parks; greenbelts, playgrounds; school yards; athletic fields; golf courses; cemeteries; residential landscaping; common areas; commercial landscaping (except eating areas); industrial landscaping (except eating areas); freeway, highway, and street landscaping.

**Table 1. 2018 Disinfection System Monitoring Data – Effluent Turbidity, NTU**

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.13	0.64	0.29	0.17	0.14	0.1	0.03	0.01	0.4	0.21	0.28	0.66
2	0.12	0.64	0.28	0.19	0.12	0.61	0.05	0.01	0.39	0.19	0.22	0.57
3	0.12	0.64	0.31	0.38	0.14	1.03	0.01	0.36	0.83	0.13	0.24	0.53
4	0.12	0.64	0.35	0.6	0.15	1.67	0.01	0.54	0.26	0.16	0.27	0.4
5	0.13	0.64	0.45	0.18	0.26	0.26	0.01	0.32	0.23	0.15	0.28	0.38
6	0.12	0.64	0.2	0.26	0.26	0.13	0.01	0.3	0.24	0.25	0.25	0.47
7	0.13	0.64	0.21	0.21	0.28	0.09	0.08	0.29	0.22	0.22	0.29	0.4
8	0.13	0.64	0.21	0.17	0.03	0.1	0.05	0.31	0.25	0.25	0.28	0.41
9	0.13	0.64	0.25	0.17	0.04	0.09	0.03	0.26	0.28	0.23	0.25	0.55
10	0.13	0.64	0.2	0.46	0.05	0.12	0.04	0.35	0.31	0.22	0.28	0.49
11	0.12	0.64	0.19	0.41	0.03	0.09	0.09	1.23	0.22	0.29	0.32	0.44
12	0.12	0.64	0.29	0.16	0.03	0.1	0.01	0.33	0.27	0.37	0.29	0
13	0.12	0.64	0.25	0.17	0.04	0.11	0.83	0.3	0.27	0.4	0.32	0.64
14	0.14	0.64	0.36	0.15	0.04	0.23	0.57	0.19	0.25	0.2	0.28	0.37
15	0.13	0.57	0.32	0.16	0.04	0.31	0.67	0.34	0.25	0.23	0.34	0.44
16	0.14	0.25	0.42	0.46	0.06	0.32	0.67	0.23	0.25	0.25	0.34	0.39
17	0.14	0.36	0.44	0.21	0.05	0.03	0.67	0.19	0.24	0.23	0.44	0.37
18	0.14	0.37	0.73	0.25	0.06	0.22	0.01	0.2	0.28	0.19	0.56	0.33
19	0.15	0.36	0.29	0.3	0.07	0.4	0.01	0.28	0.24	0.18	0.55	0.41
20	0.16	0.37	0.2	0.25	0.07	0.04	0.01	0.26	0.26	0.17	0.63	0.36
21	0.16	0.41	0.18	0.05	0.09	0.03	0.01	0.21	0.18	0.18	0.68	0.4
22	0.17	0.27	0.17	0.07	0.19	0.04	0.01	0.21	0.24	0.26	1.03	0.49
23	0.17	0.36	0.16	0.07	0.73	0.03	0.01	0.17	0	0.26	0.77	0.49
24	0.24	0.36	0.18	0.09	1.76	0.01	0.01	0.34	0.26	0.21	1.19	0.53
25	1.56	0.26	0.17	0.3	0.02	0.01	0.01	0.29	0.2	0.27	0.87	0.62
26	0.19	0.28	0.17	0.28	0.02	0.01	0.01	0.37	0.22	0.22	1.32	0.6
27	0.37	0.28	0.18	0.22	0.02	0	0.01	0.35	0.26	0.21	0.77	0.69
28	0.28	0.52	0.16	0.16	0.02	0.01	0.01	0.46	0.2	0.23	0.59	0.69
29	0.24		0.17	0.25	0.02	0.03	0.01	0.28	0.17	0.24	0.48	0.78
30	0.27		0.18	0.13	0.03	0.05	0.01	0.29	0.21	0.22	0.56	0.62
31	0.37		0.18		0.09		0.01	0.24		0.17		0.75

**Table 2. 2018 Disinfection System Monitoring Data – Effluent Total Coliform, MPN/100mL**

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2	2	1.8	1.8	1.8	1.8	2	1.8	1.8	1.8	1.8	2
2	1.8	1.8	1.8	1.8	1.8	2	1.8	1.8	1.8	6.8	1.8	1.8
3	1.8	1.8	4	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2	1.8
4	1.8	1.8	2	1.8	1.8	2	1.8	1.8	1.8	1.8	1.8	1.8
5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2	1.8	1.8	1.8	1.8
6	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2	1.8
7	2	1.8	1.8	1.8	1.8	2	2	6.8	1.8	1.8	1.8	1.8
8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
9	2	1.8	2	1.8	1.8	1.8	2	1.8	1.8	2	1.8	1.8
10	1.8	1.8	1.8	1.8	1.8	1.8	1.8	4.5	1.8	1.8	4.5	1.8
11	2	1.8	1.8	1.8	1.8	1.8	2	1.8	1.8	1.8	4.5	1.8
12	1.8	1.8	350*	1.8	1.8	4.5	1.8	1.8	2	1.8	1.8	1.8
13	1.8	1.8	240*	1.8	1.8	4.5	1.8	1.8	1.8	1.8	1.8	1.8
14	1.8	1.8	1.8	1.8	1.8	4.5	1.8	2	1.8	1.8	1.8	1.8
15	1.8	1.8	2	1.8	1.8	1.8	1.8	4.5	2	1.8	1.8	1.8
16	1.8	1.8	4.5	1.8	1.8	2	1.8	2	2	1.8	2	1.8
17	2	1.8	2	1.8	1.8	1.8	2	6.1	1.8	1.8	1.8	2
18	1.8	1.8	1.8	1.8	8.2	1.8	1.8	2	1.8	1.8	1.8	2
19	1.8	2	1.8	1.8	1.8	1.8	1.8	22	1.8	1.8	1.8	1.8
20	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2	1.8	1.8	1.8	1.8
21	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2	1.8	1.8	1.8	1.8
22	2	1.8	2	1.8	1.8	1.8	2	1.8	17	2	1.8	1.8
23	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2	13	1.8	7.8	2
24	1.8	1.8	1.8	1.8	2	1.8	1.8	1.8	2	1.8	6.8	4.5
25	1.8	1.8	4.5	1.8	2	1.8	1.8	4.5	1.8	1.8	1.8	4.5
26	4.5	1.8	1.8	1.8	1.8	1.8	4.5	1.8	2	1.8	1.8	1.8
27	1.8	14	1.8	1.8	1.8	40	1.8	1.8	1.8	1.8	49	1.8
28	1.8	7.8	1.8	1.8	1.8	1.8	1.8	1.8	2	1.8	23	1.8
29	1.8		1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
30	1.8		2	1.8	1.8	1.8	1.8	7.8	1.8	1.8	1.8	1.8
31	1.8		1.8		1.8	1.8	1.8	1.8		1.8		1.8

\*These high values occurred during a spill which was reported to the State.



### **Pond System Monitoring**

Pond System monitoring was performed under the existing WDR and therefore is not required to be reported here. Additionally, no recycled water was sent to recycled water users in 2018.

### **Use Area Monitoring**

Use Area monitoring was not performed as no recycled water was sent to recycled water users in 2018.

### **City Recycled Water Quantity/Quality Monitoring Program**

The sampling requirements listed in the Regional Board's Monitoring and Reporting Program No. CI-10289 section II.B have been fulfilled by routine effluent monitoring<sup>2</sup> which has been reported in the WDR Annual Summary Report submitted March 1, 2019.

## **6. CONTACT INFORMATION**

Veolia North America is the recycled water operator responsible for operation, maintenance, and system monitoring. They can be reached via phone at (805) 933-1254 or (805) 290-7590 or by email at [johnny.guardiola@veolia.com](mailto:johnny.guardiola@veolia.com).

## **7. OTHER REQUIREMENTS**

The Regional Board's Monitoring and Reporting Program No. CI-10289 requires quarterly reporting of non-potable recycled water applications due April 30, July 30, October 30, and January 30. The content of the quarterly recycled water reports is not specified, other than requiring any mitigation/remedial activity including pre-discharge treatment conducted at the site. There were no recycled water applications during the 2018 quarterly reporting periods so no monitoring was conducted, except for effluent monitoring that was conducted and reported as required by the WDR.

The annual summary report is due January 30 to the Regional Board. The recycled water monitoring data (Table 2 Sample Requirements) have been reported in the WDR Annual Summary Report submitted March 1, 2019.

The following certification statement is required by Attachment C of the General Order and MRP No. CI-10289 section VI:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am

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<sup>2</sup> Footnote 1 to MRP Table 2 states "Equivalent routine effluent (Waste Discharge Requirements Order No. R4-2007-0028 or succeeding order(s) issued to the Santa Paula Water Recycling Facility) monitoring data collected on days and during times recycled water is being produced can be submitted in fulfillment of these requirements.

aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.”

Executed on the 1st day of April.

A handwritten signature in black ink, appearing to read "C. Saunier", written in a cursive style.

Clete Saunier

Director of Public Works