

March 14, 2019

Mr. Michael Montgomery, Executive Officer
California Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

Mr. Robert Brownwood. P.E., District Engineer
California Department of Public Health, San Francisco District
850 Marina Bay Parkway
Building P, 2nd Floor
Richmond, Ca. 94804

Subject: 2018 Recycled Water Use Annual Report

Dear Mr. Montgomery and Mr. Brownwood:

Enclosed please find the 2018 Annual Recycled Water Report for the San Ramon Valley Recycled Water Program, a joint project of the Dublin San Ramon Services District (DSRSD) and East Bay Municipal Utility District (EBMUD), together forming a Joint Power Authority called DERWA (DSRSD/EBMUD Recycled Water Authority). In 2014, DERWA entered into an agreement to provide recycled water treatment and delivery services to the City of Pleasanton.

Questions regarding this report may be directed to my attention at 925-875-2300 or fuller@dsrsd.com.

I certify under penalty of law that this document and all attachments are 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 managed the system, or those directly responsible for gathering the information, the information submitted, to the best of my knowledge and belief, is 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.

Sincerely,



Levi Fuller
DSRSD Wastewater Treatment Plant Supervisor

March 14, 2019

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Enclosures: 1

cc: Micheal Tognolini, EBMUD

Valerie Pryor, General Manager, Zone 7 Water Agency

Matt Katen, Zone 7 Water Agency

Linda Hu, EBMUD

An Bartlett, EBMUD

Eric Amaro, City of Pleasanton

Dan McIntyre, General Manager, DSRSD

Jeff Carson, Operations Manager, DSRSD

Judy Zavadil, Engineering Manager, DSRSD

Dan Martin, DSRSD

Diane Griffin, DSRSD

Maurice Atendido, DSRSD

Stefanie Olson, DSRSD

Aaron Castro, DSRSD

Virgil Sevilla, DSRSD

DSRSD Operations Files

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Dublin San Ramon
Services District
Water, wastewater, recycled water



DERWA

SAN RAMON VALLEY RECYCLED WATER PROGRAM 2018 IRRIGATION SEASON

Recycled Water Use Annual Report



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I. Introduction

This report satisfies the 2018 annual reporting requirements of the Regional Water Quality Control Board (RWQCB) Order 96-011 (the Order), General Water Reuse Requirements for Municipal Wastewater and Water Agencies. This report contains all of the requirements listed in the Order's Attachment C, Self-Monitoring Program.

To improve the reliability of the Tri-Valley's water supply, particularly in dry years, Dublin San Ramon Services District (DSRSD) and East Bay Municipal Utility District (EBMUD) created the DSRSD-EBMUD Recycled Water Authority (DERWA), which governs the San Ramon Valley Recycled Water Program and built the Jeffrey G. Hansen Water Recycling Plant and a backbone recycled water distribution system. The partnership also supplies recycled water to the City of Pleasanton.

II. DSRSD/DERWA Recycled Water Treatment Processes

The DERWA recycled water system began delivering water to DSRSD and EBMUD customers on February 1, 2006 using a 3.0 million gallon per day (MGD) capacity microfiltration and ultraviolet disinfection facility (MF-UV). Capacity was expanded with the addition of a second process: continuous backwash sand filtration followed by ultra violet disinfection (SF-UV). Five sand filters began producing recycled water on May 24, 2006. Today, the higher capacity SF-UV plant is used during summer when demand for recycled water is highest. The MF-UV plant is used in winter when demand is lower and also serves as a backup to the SF-UV plant to meet summer peak demand.

In 2016, DERWA added a sixth continuous backwash sand filter and began supplying recycled water to the City of Pleasanton, California. The city submits a separate report regarding its recycled water customers.

In May 2018, DSRSD substantially completed construction of the Recycled Water Treatment Facilities - Phase 2, and the water recycling plant started using the new ballasted flocculation process to provide pre-treatment of the wastewater treatment plant's secondary effluent prior to tertiary treatment by continuous backwash sand filters. In addition, the project increased the capacity of the ultraviolet disinfection system, as well as, the tertiary influent and effluent pump stations. As a result of these improvements, in 2018 the State Water Resources Control Board



DERWA's recycled water plant is named the Jeffrey G. Hansen Water Recycling Plant for a former DSRSD director who was instrumental in bringing recycled water irrigation to the Tri-Valley.

(Water Board) approved a sand filtration tertiary treatment facility capacity of 12.3 MGD. In 2019, DSRSD plans to conduct additional testing of the sand filtration system with the goal of getting Water Board approval to operate the sand filter plant at 16.2 MGD. The sand filtration UV disinfection system has been approved to be operated at up to 17.6 MGD.

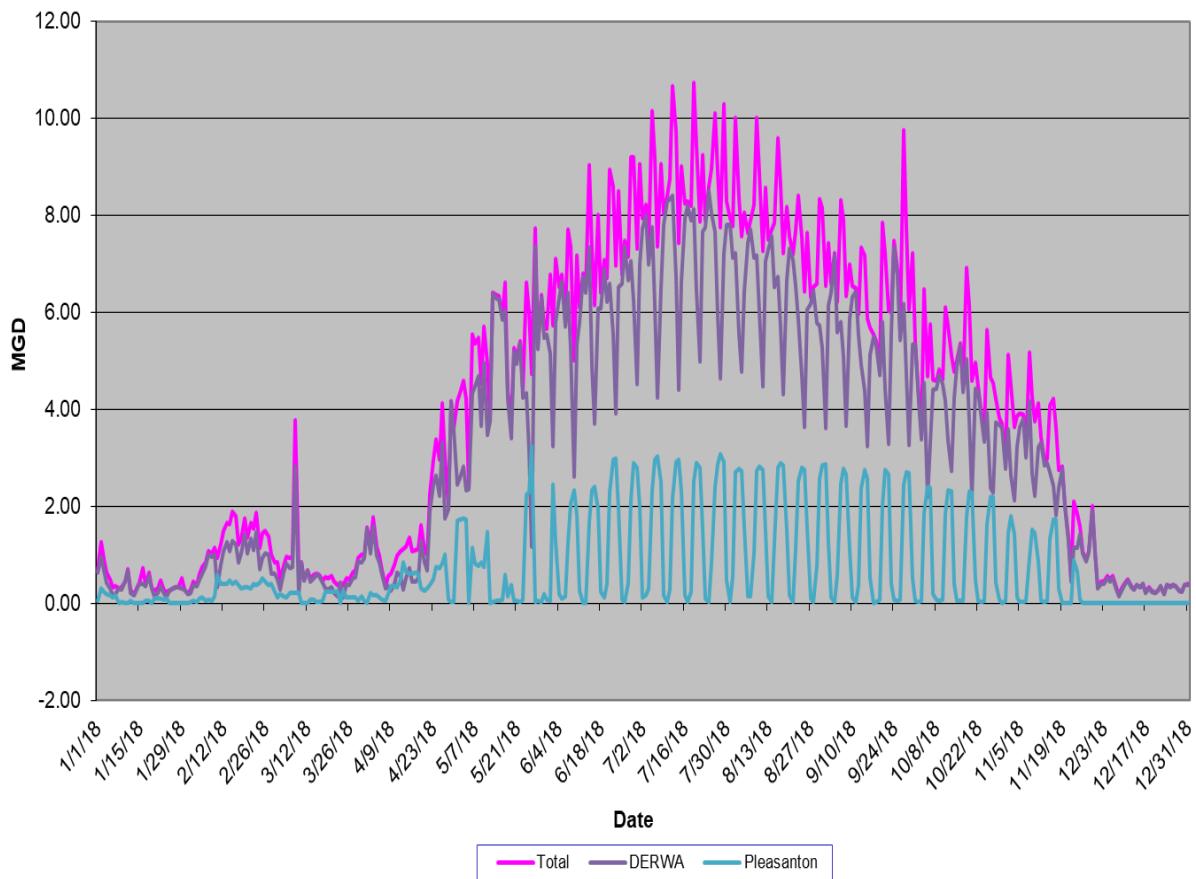
During 2018, the Tri-Valley area received approximately 13.99 inches of rainfall (28.21 in 2017). The following table shows temperature and rainfall comparisons between 2017 and 2018.

	2018		2017	
	Average Temp	Rainfall	Average Temp	Rainfall
January	59/42	3.43	55/39	9.97
February	64/37	0.35	60/44	8.85
March	63/42	4.58	67/45	2.59
April	68/45	1.68	68/47	2.57
May	70/50	0.24	75/51	0.11
June	82/52	0.39	82/55	0.37
July	89/57	0.09	90/55	0.36
August	84/55	0.27	87/58	0.35
September	82/51	0.71	84/56	0.28
October	77/48	0.6	79/45	0.52
November	68/41	1.65	65/45	2.2
December	58/39	0	62/33	0.04
Total		13.99		28.21

In 2018, DERWA facilities produced 4216.41 acre-feet (1373.92 million gallons) of recycled water (4463.07 acre-feet or 1454.3 million gallons in 2017) which either was delivered to DSRSD, EBMUD, or City of Pleasanton customers (based on the production plant's recycled water effluent pump station "PSR1" flow meter) or used at the production facility. In addition, when required by construction activities or emergency conditions, the system was supplemented by the addition of 11.35 million gallons of potable water (18.19 MG in 2017).

The following graph and chart shows the demand for recycled water in 2018, as well as the end use for the recycled water.

2018 DERWA Recycled Water Demand



Recycled Water Used in 2018	2018 Quantity (million gallons)	Compared to 2017 (million gallons)
DSRSD and EBMUD customers	1083.7	1067.26
City of Pleasanton customers	271.15	214.646
Contractor Fill Station	1.572	86.626
Residential Fill Station	0	0.105
Facility Processes	13.749	85.036
Facility Landscaping	3.76	0.624
Total	1373.92	1454.297

III. Recycled Water Monitoring

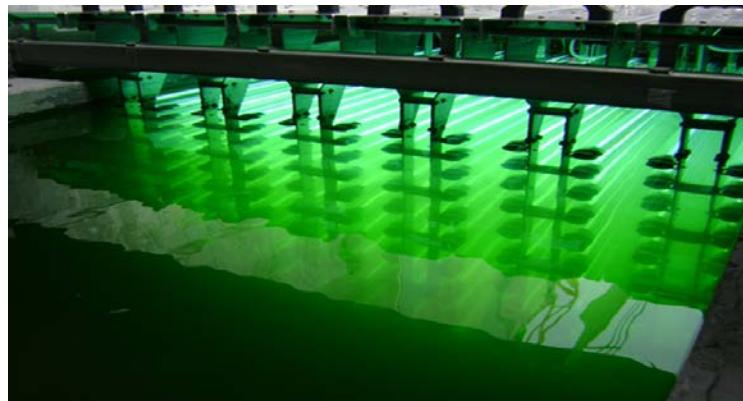
The Order requires DSRSD to perform recycled water monitoring on a monthly basis during periods where recycled water is being used. The sample locations vary, depending on which water recycling facility is in operation. Samples are collected at either the SF-UV, MF-UV, or PSR1. Collected samples are analyzed for total coliform, turbidity, dissolved oxygen, dissolved sulfides (if dissolved oxygen < 1 mg/l). Refer to Attachment B to see these results for the 2018 irrigation year. During the irrigation year, the minimum dissolved oxygen level in the recycled water produced was 2.09 mg/l, while the high was 8.41 mg/l. The recycled water conductivity ranged from 1237 to 1645 us/cm.

A total of 4216.41 acre-feet (1373.92 million gallons) of recycled water was produced and either delivered to DSRSD, EBMUD or City of Pleasanton customers (based on the production plant's PSR1 flow meter) or was used at the production facility. During 2018 irrigation season, the MF-UV facility operated on a total of 120 days (180 in 2017). The SF-UV facility operated on 211 days (206 in 2017). There were 14 days when both the MFUV and SFUV facilities were in operation (99 in 2017). There were 318 days during 2018 when recycled water was being produced (354 in 2017).

The recycled water facilities are programmed to automatically bypass or cease production when the system detects a low UV dosage (< 80 mj/cm² MF-UV; < 100 mj/cm² SF-UV). The sand filtration ultraviolet disinfection system underwent an upgrade in 2018. The permitted UV dose remains at 100 mj/cm². However, the system now has an operator adjustable target UV dose. The operator adjustable UV dose was installed with a minimum set

point of 105 mj/cm². SCADA¹ does not allow the operator input a target dosage of less than 105 mj/cm² (100 mj/cm² is the permit dose). SCADA is also programmed to place the SFUV facility in bypass if the actual system dose drops to 105 mj/cm². This change gives the system some additional safety factor in regards to UV disinfection.

However, during the upgrade of the UV disinfection system SCADA programming, some recycled water UV dosage historical data for 2018 was not captured in the SCADA historical database. As a result, when reviewing the historical data, the report writing software was not able to report if the SFUV facility went into bypass at each event where a UV dose parameter may have been out of



Banks of ultraviolet lights disinfect the recycled water produced at DERWA facilities.

¹ Supervisory Control and Data Acquisition (SCADA) is a system of software and hardware elements to control processes locally or remote locations.

specification. In creating the 2018 recycled water report, staff reviewed the recycled facility's operator round sheets, the plant operating logs, and SCADA trends.

Below is a synopsis of data which was not stored in the historical database for 2018:

- No historical data for UV dosage (mJ/cm²) dosage was captured by SCADA from April 26, 2018 to July 12, 2018.
- Prior to April 26, the system was offline or being tested and all flow was recirculated back in to Holding Basin #4
- April 26, 2018 – July 12, 2018 UV dosages were entered manually from Inspection round sheets.
- No data for the UVI averages were historically captured by SCADA from April 26, 2018 to September 2018.
- April 26, 2018 – September 2018 UVI averages were entered manually from Inspection round sheets.
- SCADA started historically capturing DATA for the UVI averages starting in the month of October 2018.

The DSRSD laboratory collects a coliform sample on recycled water effluent on each day the recycled water facilities are operated. The table below shows a summary of the recycled water coliform analysis for 2018.

Summary of Recycled Water Coliform Results for the 2018 Irrigation Year:

Coliform Value (MPN)	<2	2	4	8	13	22	50	80	Total Operational Days*
MFUV Facility	90	8	5	1	1	0	0	1	106
SFUV Facility	208	0	1	0	0	1	1	0	211
Total Samples	298	8	6	1	1	1	1	1	317
% of samples in MPN Range	94%	2.5%	2.0%	0.3%	0.3%	0.3%	0.3%	0.3%	

**In reviewing the operational data, there appears to have been 6 events during 2018 where the water recycling plant was started up for a short run (<12 hours) and no coliform sample was collected. Procedures have been changed to insure that samples are collected for every system run period.*

There were 14 days during the year where both the SFUV and MFUV facilities were online at the same time and the daily coliform sample was collected at the recycled water effluent pump station which contained the combined effluent from both facilities.

IV. Progress and Results of the Recycled Water Program Expansion

The District continues to expand its recycled water service to eastern Dublin and the Dougherty Valley area of San Ramon. Developers are required to install recycled water mains within their developments and connect irrigation services for streetscapes, parks, schools, commercial areas, and multi-family residential areas.



Special Studies and Projects

Expansion of Recycled Water Treatment Facility and Pump Station

The DSRSD-EBMUD Recycled Water Authority (DERWA), a partnership between EBMUD and DSRSD, is expanding the sand filtration and ultraviolet (UV) disinfection facilities to meet increasing recycled water demand. In Phase 1, a sixth sand filter was added to meet additional demand for customers of the City of Pleasanton, which is in the process of installing recycled water distribution mains to convert sites such as parks, schools, and business parks to recycled water. The sixth filter, which came online in May 2016, increased sand filtration capacity from 9.7 to 11.2 mgd.

Phase 2 will expand the facility's peak production capacity to 16.2 mgd by adding high-rate ballasted flocculation basins upstream of the existing tertiary filters. This will improve the quality of the filter feed, allowing the sand filters to operate at a higher loading rate. In addition, the project will add influent pumps, UV modules and recycled water distribution pumps. The total estimated cost for the expansion is \$18.4 million. DERWA will receive \$2.5 million in principal forgiveness through the Clean Water State Revolving Funds (CWSRF) Green Project Reserve (GPR) program. Construction began in January 2017 and substantially completed in May 2018.

Study of Potential for Potable Reuse in the Tri-Valley

In 2014, Tri-Valley water agencies and cities (DSRSD, Zone 7 Water Agency, Pleasanton, Livermore, and Cal Water Livermore) formed the Tri-Valley Water Liaison Committee. Board and council members and executive managers from each agency met several times to strategize policy directions that will improve regional water supply reliability. One of the alternatives includes potable reuse. In 2015, the Committee decided to conduct a joint potable reuse feasibility study for the region. The study began in October 2016 and completed in March 2018. The study shows there are several options for potable reuse that are feasible and total project costs would be \$120 million to \$220 million. The next committee meeting is scheduled for April 24, 2019, where agencies will consider jointly committing funding for a Regional Potable Reuse Master Plan.

Recycled Water Supply

Current recycled water projections show that recycled water demands may exceed available supply during peak demand periods. In 2018, DSRSD continued its efforts to pursue with neighboring agencies to seek supplemental supply sources. The District has supplemented recycled water with potable water at Division of Drinking Water and Regional Water Board approved points within the distribution system, although in 2018 potable water was not utilized to supplement recycled water.

V. Residential Recycled Water Fill Stations

The District closed the residential fill station on December 28, 2016 and it has remained closed due to large construction projects occurring at the regional wastewater treatment plant.

VI. Commercial Recycled Water Fill Stations & Recycled Water Hydrants

The District's commercial fill station is located at the water recycling plant and has been operational since 2007. Installation of recycled water fire hydrants in Dublin and Dougherty Valley began in 2008. The 2014-2015 severe drought and mandatory water restrictions caused a significant increase in commercial demand for recycled water. Fill station and temporary hydrant users (aka temporary construction meter users) are required to obtain a recycled water use permit from the District. The District had 30 permitted commercial fill station users and 29 temporary construction hydrant users. The commercial fill station program distributed 1.57 MG and commercial construction meters distributed 8.45 MG of recycled water in 2018.

In 2014, the District upgraded the fill station to a flow rate of 1,000 gallons per minute. Typical loads are between 2,000 to 4,000 gallons. Commercial users are given a personal identification number so they can access the fill station 24 hours a day, seven days a week.

The District has 21 recycled water hydrants located throughout central and eastern Dublin and Dougherty Valley. Customers are directed to use recycled water instead of potable water for acceptable uses listed in Title 22, such as dust control, soil compaction, street sweeping, surface washing, and landscape irrigation.



VII. User Compliance Program Review and Results

Compliance Program Background

Ordinance 301 and the District's Recycled Water Use Guidelines outline the requirements and recommendations customers are to follow in order to achieve compliance with Title 22 and Order 96-011. After expanding recycled water distribution into established areas of Central and Eastern Dublin, the District revised its Recycled Water Use Guidelines in February 2015 to address retrofit sites. To view the District's current Recycled Water Use Guidelines, go to

<http://www.dsrsd.com/do-business-with-us/recycled-water-use/guidelines-and-requirements>.



At this time, the District permits the following uses for recycled water:

- Landscape irrigation
- Dust control and construction grading
- Industrial Uses
- Pressure washing for surface cleaning
- Street sweeping
- Toilet and urinal flushing

Recycled Water Supervisor Training

The District conducted a site supervisor training on May 22, 2018. Over 30 people attended the training session. The training covers recycled water use regulations, cross connection control, recycled water quality control and recycled water production.

All new recycled water customers receive personalized training to ensure they are aware of all regulations and requirements.

Recycled Water Customers Compliance Summary

The District currently has 324 permanent recycled water irrigation sites. Additionally, the District has 59 industrial users using recycled water for soil compaction, dust control, landscape irrigation, or surface washing. In 2018 (calendar year), the District's recycled water users consumed over 873.09 million gallons (2,679 AF) of recycled water. Refer to Attachment E, Table 1, to view a tabular summary of recycled water use by billing period by each user, and Attachment E, Table 2 to view a summary of recycled water usage by application use type.

All recycled water customers are required to obtain a license/permit from the District in order to use recycled water. In 2018, seven new sites were authorized to use recycled water for landscape

irrigation. To view a list of the new authorized recycled water users, refer to Table 3 in Attachment E.

Irrigation users are required to inspect their systems and correct any deficiencies. Therefore, the District requires recycled water customers to submit semi-annual self-monitoring reports. The data collected in these reports exceeds the Order's annual self-monitoring requirements. To view the data, refer to Table 4 in Attachment E.

District staff performs periodic inspections of recycled water use sites to ensure compliance with Division of Drinking Water reuse criteria and the Order. Table 5 in Attachment E provides a summary of violations found during site inspections, corrective actions taken, and any change to or revocation of a user's Recycled Water Use License. During this reporting period no Recycled Water Use Licenses or use authorizations were revoked.

VIII. Attachments

The following data summarizes the 2018 recycled water irrigation season:

- Description of Recycled Water Treatment Facilities (Attachment A)
- Dissolved Oxygen, Coliform, and Conductivity analysis (Attachment B)
- Flow and Turbidity Data – MFUV Plant (Attachment C)
- Flow and Turbidity Data – SFUV Plant (Attachment D)
- Irrigation Site and Compliance Records for DSRSD (Attachment E)
- Irrigation Site and Compliance Records for EBMUD (Attachment F)

Attachment A

Description of Recycled Water Facilities

Ballasted Flocculation

In advance of tertiary treatment by continuous backwash sand filters secondary effluent from the DSRSD wastewater treatment plant receives pre-treatment via a ballasted flocculation and clarification system. Constructed in 2018 this system removes turbidity and suspended solids from the secondary effluent making it easier to filter via sand filtration. This process has two treatment trains each with a treatment capacity of 11.1 MGD for a total secondary effluent pre-treatment capacity of 22.2 MGD.

Ballasted flocculation pre-treatment process is a compact clarification system that utilizes micro sand as a ballast for floc sedimentation. The primary role of the micro sand in the ballasted flocculation process is to provide a ballast in the formation of large, stable, high-density floc. The ballasted floc has considerably higher settling velocities than conventional floc, allowing significantly higher clarifier overflow, or rise rates. Overall, these factors provide a process that is extremely efficient in the treatment of water. It is stable with changes in secondary effluent water quality, and relatively easy to operate and optimize.



SF-UV Facility

Sand filtration-ultraviolet disinfection (SF-UV) treatment processes reduce turbidity, remove suspended solids, and inactivate pathogens. The DSRSD SF-UV tertiary treatment plant has a reliable sustainable capacity of 12.3 million gallons per day (MGD). Fully treated and chlorinated secondary effluent from the wastewater treatment plant flows to a diurnal storage basin. A portion of that secondary effluent is pumped to the SF-UV facilities to produce recycled water. The remaining secondary effluent is pumped to the Livermore Amador Valley Water Management (LAVWMA) facility and then to East Bay Dischargers Authority (EBDA) system for discharge into San Francisco Bay through a deep water outfall.



Access plates hide six sand filters where flocculated water flows upward through 80 inches of continuously backwashed sand.

SF-UV treatment processes are as follows:

- Screening – Small material and plastics remaining in the fully treated secondary effluent are removed by a 2mm band screen.
- Coagulation – Coagulant chemical(s) are added to the tertiary influent and mixed into the flow using high-energy mechanical mixers; this causes fine particulates in the water to coagulate and begin to form into small particles.
- Flocculation – Coagulated water is gently mixed in two flocculation tanks using low-energy mechanical mixers to promote agglomeration of small particles into larger particles that can be easily filtered from the water.
- Filtration – To remove the particles, flocculated water flows gently up and through an 80-inch sand bed in one of six, up-flow, continuously backwashed, granular sand filters.
- UV Disinfection – Filtered water flows through two parallel UV channels for disinfection and inactivation of viruses and bacteria. The SF-UV system is a Xylem-Wedeco system, model TAK55 M 10-6(8)/143 x 5i2(3)W. Each channel has five banks of UV bulbs. Each bank has 140 bulbs.

MF-UV Facility

Microfiltration-ultraviolet disinfection (MF-UV) treatment processes reduce turbidity, remove suspended solids, and inactivate pathogens. This DSRSD MF-UV tertiary treatment plant is designed for a treatment capacity of 2.5 million gallons per day (MGD). MF-UV treatment processes filter all particles larger than 0.2 microns from the secondary effluent. A portion of unchlorinated secondary effluent is conveyed from just upstream of the wastewater plant's chlorine contact tank by MF transfer pumps to the microfiltration influent pump wet well. The remaining final secondary effluent is pumped to the Livermore Amador Valley Water Management (LAVWMA) and East Bay Dischargers Authority (EBDA) systems for discharge into San Francisco Bay through a deep water outfall.



Five microfiltration units remove all particles greater than 0.2 microns.

MF-UV treatment processes are as follows:

- Screening – A 500-micron screen removes small materials and plastics from the final secondary effluent.
- Filtration – The micro filters remove all particles greater than 0.2 microns. The system consists of five filtration units with an instantaneous capacity of 0.75 MGD and a net capacity of 0.50 MGD. Each membrane cartridge contains 18,000 hollow fibers membranes called lumens (0.5 mm diameter with a nominal pore size of 0.2 micrometers). Water passes from outside the membranes through the pores and into the lumens and exits as filtrate. The system feed pressure is typically between 25 and 35 psi.
- UV Disinfection – Filtered water flows through a UV channel for disinfection and inactivation of viruses and bacteria. The MF-UV system consists of ten Ondeo Degrement 40VLS UV modules. Each module has five rows of eight lamps, for a total of 40 lamps per module.

The MF-UV plant is operated when the demand for recycled water is less than 2.2 MGD. If the demand is greater than 2.2 MGD, the high capacity SF-UV plant is turned on. After treatment at either facility, the filtered and disinfected water is conveyed off site to customers through the DERWA recycled water distribution system.

Attachment B

Monthly Dissolved Oxygen, Coliform, and Conductivity Summary

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total Coliform	Conductivity
		MPN	us/cm	mg/L	MPN	us/cm	mg/L	MPN	us/cm
1	4.14	< 2	1368						
2	3.85	< 2	1390						
3	3.25	< 2	1511						
4	5.12	< 2	1363						
5	2.59	< 2	1378						
6	6.20	< 2	1400						
7	6.36	< 2	1449						
8									
9									
10									
11									
12	6.59	< 2	1415						
13	4.76	< 2	1373						
14									
15									
16									
17									
18	3.92	<2	1521						
19	7.32	2	1475						
20	3.07	< 2	1499						
21	7.97	< 2	1494						
22									
23									
24									
25									
26									
27									
28									
29									
30									
31	7.00	< 2	1613						

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total Coliform	Conductivity
Feb.18	mg/L	MPN	us/cm	mg/L	MPN	us/cm	mg/L	MPN	us/cm
1	7.12	< 2	1503						
2	7.20	< 2	1477						
3									
4									
5	7.01	< 2	1590						
6	6.84	< 2	1486						
7	7.02	< 2	1611						
8	5.64	< 2	1604						
9	6.65	< 2	1526						
10	6.58	< 2	1568						
11	8.12	2	1548						
12	5.85	< 2	1516						
13	5.31	< 2	1593						
14	7.07	13	1525						
15	5.46	< 2	1518						
16	4.84	< 2	1492						
17	4.85	< 2	1571						
18	4.32	< 2	1509						
19	4.77	< 2	1444						
20	4.09	4	1410						
21	4.61	< 2	1409						
22	5.45	4	1505						
23	5.86	< 2	1471						
24	5.51	2	1472						
25	5.46	4	1488						
26	5.5	2	1546						
27	5.78	2	1500						
28	5.26	8	1501						

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total Coliform	Conductivity
Mar.18	mg/L	MPN	us/cm	mg/L	MPN	us/cm	mg/L	MPN	us/cm
1	5.28	<2	1549						
2	5.51	<2	1339						
3	4.48	<2	1261						
4	3.72	< 2	1272						
5	2.99	4	1443						
6	3.06	80	1349						
7									
8									
9	4.42	<2	1402						
10	3.78	< 2	1567						
11	3.52	< 2	1407						
12	2.43	< 2	1379						
13									
14									
15									
16									
17	3.99	< 2	1537						
18	3.99	< 2	1537						
19	2.92	< 2	1461						
20	3.93	< 2	1491						
21	4.21	< 2	1435						
22	4.09	< 2	1348						
23									
24									
25									
26	5.09	< 2	1567						
27	5.30	< 2	1485						
28	5.70	< 2	1460						
29	4.58	2	1467						
30	4.91	< 2	1457						
31	4.97	< 2	1452						

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total Coliform	Conductivity
	mg/L	MPN	us/cm	mg/L	MPN	us/cm	mg/L	MPN	us/cm
1	4.01	<2	1457						
2	4.53	< 2	1476						
3	5.03	< 2	1494						
4	3.26	< 2	1537						
5	3.00	< 2	1503						
6	3.92	< 2	1442						
7	4.06	< 2	1317						
8	3.44	< 2	1271						
9	2.81	< 2	1438						
10	3.78	< 2	1523						
11	2.81	< 2	1469						
12	2.97	< 2	1482						
13	2.97	< 2	1349						
14	2.38	2	1370						
15	2.09	< 2	1427						
16	2.31	< 2	1577						
17	2.49	< 2	1545						
18	6.16	< 2	1353						
19	2.36	< 2	1338						
20	3.19	< 2	1327						
21	3.42	< 2	1318						
22	5.25	< 2	1279						
23	3.32	< 2	1260						
24	5.61	< 2	1316						
25	6.04	< 2	1237	7.43	< 2	1402			
26	7.40	< 2	1323						
27							8.08	< 2	1413
28							8.31	< 2	1346
29	7.66	< 2	1328	7.07	< 2	1409			
30	6.99	< 2	1355	7.58	< 2	1452			

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total Coliform	Conductivity
May.18	mg/L	MPN	us/cm	mg/L	MPN	us/cm	mg/L	MPN	us/cm
1	7.69	< 2	1399	6.93	< 2	1482			
2	5.92	< 2	1424	6.75	< 2	1493			
3				7.36	< 2	1364			
4				6.79	< 2	1444			
5				6.71	< 2	1396			
6				7.30	< 2	1370			
7				7.35	< 2	1292			
8	5.31	< 2	1284						
9	6.94	< 2	1275	7.62	< 2	1309			
10							8.27	< 2	1345
11							7.94	< 2	1384
12							7.87	2	1427
13				7.17	< 2	1399			
14				7.25	< 2	1347			
15				7.46	< 2	1372			
16				7.01	< 2	1378			
17							7.98	< 2	1392
18							7.79	< 2	1381
19				7.34	< 2	1428			
20				7.60	< 2	1347			
21				7.71	< 2	1289			
22				6.93	< 2	1332			
23				7.33	< 2	1310			
24				6.26	< 2	1348			
25				7.30	< 2	1313			
26				7.67	< 2	1359			
27				7.45	< 2	1341			
28				7.67	< 2	1263			
29				7.30	< 2	1294			
30				6.83	< 2	1326			
31				7.11	< 2	1304			

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm
Jun.18									
1				7.21	< 2	1524			
2				7.04	< 2	1504			
3				6.88	< 2	1411			
4				6.15	< 2	1395			
5				7.22	< 2	1457			
6				7.33	< 2	1412			
7				6.69	< 2	1427			
8				7.05	< 2	1368			
9				7.04	< 2	1419			
10				7.21	< 2	1419			
11				7.14	< 2	1371			
12				7.07	< 2	1363			
13				6.95	< 2	1368			
14				6.92	< 2	1419			
15				6.97	< 2	1426			
16				7.31	< 2	1458			
17				7.12	< 2	1415			
18				7.16	< 2	1397			
19				7.00	< 2	1406			
20				7.14	< 2	1379			
21				7.15	< 2	1421			
22				6.75	< 2	1397			
23				6.58	< 2	1471			
24				7.01	< 2	1454			
25				6.99	< 2	1432			
26				7.08	< 2	1420			
27				6.67	< 2	1404			
28				7.05	< 2	1386			
29				6.80	< 2	1369			
30				6.86	< 2	1433			

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity
	mg/L	MPN	us/cm	mg/L	MPN	us/cm	mg/L	MPN	us/cm
1				6.79	< 2	1441			
2				6.73	< 2	1396			
3				6.27	< 2	1420			
4				7.96	< 2	1413			
5				6.93	< 2	1360			
6				6.81	4	1387			
7				6.65	< 2	1476			
8				6.46	< 2	1495			
9				7.13	< 2	1386			
10				6.55	< 2	1422			
11				6.73	< 2	1475			
12				6.96	< 2	1436			
13				7.11	< 2	1421			
14				6.96	< 2	1473			
15				7.09	< 2	1478			
16				7.04	< 2	1430			
17				6.63	< 2	1580			
18				6.39	< 2	1435			
19				6.57	< 2	1421			
20				6.68	< 2	1420			
21				7.15	< 2	1453			
22				5.91	< 2	1426			
23				6.77	< 2	1410			
24				6.47	< 2	1413			
25				6.80	< 2	1342			
26				6.36	< 2	1428			
27				6.82	< 2	1478			
28				6.91	< 2	1487			
29				6.90	< 2	1414			
30				6.79	< 2	1349			
31				6.76	< 2	1418			

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm
Aug.18									
1				6.37	< 2	1376			
2				7.05	< 2	1361			
3				6.89	< 2	1355			
4				6.7	< 2	1383			
5				6.57	< 2	1394			
6				6.58	< 2	1326			
7				6.00	< 2	1401			
8				6.44	< 2	1396			
9				6.36	< 2	1344			
10				6.75	< 2	1365			
11				6.65	< 2	1406			
12				6.55	< 2	1390			
13				7.46	< 2	1341			
14				6.99	< 2	1332			
15				6.73	< 2	1286			
16				7.04	< 2	1353			
17				7.46	< 2	1346			
18				6.94	< 2	1377			
19				6.98	< 2	1308			
20				7.46	< 2	1354			
21				6.83	< 2	1338			
22				6.53	< 2	1341			
23				6.55	< 2	1315			
24				6.78	< 2	1347			
25				7.03	< 2	1397			
26				7.02	< 2	1377			
27				6.82	< 2	1377			
28				6.35	< 2	1398			
29				6.72	22	1404			
30				7.02	< 2	1425			
31				6.47	< 2	1393			

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity
	mg/L	MPN	us/cm	mg/L	MPN	us/cm	mg/L	MPN	us/cm
Sept.18									
1				6.83	< 2	1499			
2				7.00	< 2	1458			
3				7.00	< 2	1501			
4				7.05	< 2	1449			
5				6.96	< 2	1416			
6				6.88	< 2	1552			
7				6.97	< 2	1556			
8				6.88	< 2	1489			
9				7.05	< 2	1480			
10				6.81	< 2	1429			
11				6.95	< 2	1438			
12				7.27	< 2	1471			
13				7.24	< 2	1478			
14				7.21	< 2	1485			
15				7.04	< 2	1558			
16				7.07	< 2	1532			
17				6.95	< 2	1461			
18				7.07	< 2	1541			
19				7.08	< 2	1527			
20				7.28	< 2	1590			
21				7.17	< 2	1547			
22				7.02	< 2	1540			
23				7.02	< 2	1494			
24				6.9	< 2	1535			
25				7.05	< 2	1508			
26				5.64	< 2	1548			
27				6.51	< 2	1499			
28				6.91	< 2	1523			
29				6.88	< 2	1579			
30				6.95	< 2	1515			

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Sample Date	Laboratory Results						PS1		
	MF/UV			SF/UV					
	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity	Diss. O ₂	Total coliform	Conductivity
Oct. 18	mg/L	MPN	us/cm	mg/L	MPN	us/cm	mg/L	MPN	us/cm
1				7.06	< 2	1471			
2				6.66	< 2	1552			
3				7.09	< 2	1536			
4				7.02	< 2	1445			
5				6.48	< 2	1490			
6				7.11	< 2	1476			
7				6.58	< 2	1401			
8				6.36	< 2	1442			
9				7.02	< 2	1403			
10				7.04	< 2	1408			
11				7.26	< 2	1455			
12				6.56	< 2	1452			
13				6.73	< 2	1522			
14				7.22	< 2	1454			
15				7.10	< 2	1395			
16				6.90	< 2	1455			
17				7.47	< 2	1496			
18				7.35	< 2	1557			
19				7.39	< 2	1485			
20				7.15	< 2	1554			
21				6.94	< 2	1485			
22				7.19	< 2	1390			
23				7.34	< 2	1444			
24				7.02	< 2	1513			
25				7.25	50	1499			
26				7.01	< 2	1521			
27				7.11	< 2	1571			
28				7.21	< 2	1469			
29				7.09	< 2	1425			
30				7.04	< 2	1510			
31				6.92	< 2	1498			

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Laboratory Results

Sample Date	MF/UV			SF/UV			PS1		
	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm	Diss. O ₂ mg/L	Total Coliform MPN	Conductivity us/cm
Nov.18									
1				7.06	< 2	1475			
2				7.07	< 2	1526			
3				6.66	< 2	1556			
4				6.95	< 2	1495			
5				7.38	< 2	1480			
6				7.34	< 2	1523			
7				7.25	< 2	1534			
8				7.34	< 2	1519			
9				7.47	< 2	1502			
10				7.37	< 2	1549			
11				7.29	< 2	1488			
12				7.50	< 2	1495			
13				7.73	< 2	1572			
14				7.30	< 2	1645			
15				7.48	< 2	1635			
16				7.26	< 2	1614			
17				7.32	< 2	1589			
18				7.36	< 2	1575			
19				7.47	< 2	1488			
20				7.86	< 2	1568			
21				7.50	< 2	1534			
22									
23									
24	6.67	< 2	1298						
25	6.92	2	1479						
26	5.99	< 2	1415						
27									
28									
29									
30	6.32	4	1546						

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Sample Date	Laboratory Results						PS1		
	MF/UV			SF/UV			Diss. O ₂ mg/L	Total Coliform MPN	Conductivity us/cm
	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm	Diss. O ₂ mg/L	Total coliform MPN	Conductivity us/cm			
Dec.18									
1									
2									
3									
4	6.12	<2	1519						
5	5.95	<2	1538						
6									
7									
8				8.21	<2	1571			
9									
10									
11									
12									
13									
14									
15									
16	7.55	<2	1544						
17	7.64	<2	1411						
18	6.44	<2	1606						
19									
20									
21									
22									
23									
24									
25									
26	4.40	<2	1543						
27	4.08	<2	1515						
28									
29									
30									
31									

Attachment C
Flow and Turbidity Data for Microfiltration-Ultraviolet Disinfection Facility

DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
January 1, 2018	0.80	0.08	74.0	425
January 2, 2018	1.16	0.06	73.2	410
January 3, 2018	0.76	0.06	72.2	421
January 4, 2018	0.92	0.07	72.7	420
January 5, 2018	0.48	0.08	73.6	404
January 6, 2018	0.50	0.09	71.9	379
January 7, 2018	0.99	0.13	68.9	372
January 8, 2018	0.53	0.07	70.4	400
January 9, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 10, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 11, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 12, 2018	0.61	0.08	73.6	463
January 13, 2018	0.83	0.05	73.0	400
January 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 16, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 17, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 18, 2018	0.43	0.07	72.3	412
January 19, 2018	1.07	0.04	72.0	412
January 20, 2018	1.29	0.05	71.7	396
January 21, 2018	1.26	0.07	67.9	373
January 22, 2018	0.29	0.06	66.8	370
January 23, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 24, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 25, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 26, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 27, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 28, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 29, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 30, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
January 31, 2018	0.57	0.06	66.5	361

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	1.29	0.13	74.0	463
MIN	0.29	0.04	66.5	361
AVG	0.78	0.07	71.3	401
Total	12.47			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
February 1, 2018	1.16	0.05	67.1	367
February 2, 2018	0.88	0.05	67.0	366
February 3, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
February 4, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
February 5, 2018	0.43	0.05	65.9	334
February 6, 2018	1.16	0.04	67.3	342
February 7, 2018	1.39	0.04	68.8	350
February 8, 2018	1.29	0.04	68.7	368
February 9, 2018	1.33	0.05	68.3	370
February 10, 2018	1.18	0.04	68.4	416
February 11, 2018	1.12	0.06	68.1	386
February 12, 2018	1.14	0.08	67.6	366
February 13, 2018	1.36	0.07	68.0	354
February 14, 2018	1.73	0.09	68.3	321
February 15, 2018	1.97	0.09	67.1	297
February 16, 2018	1.86	0.08	68.8	323
February 17, 2018	1.91	0.08	78.0	386
February 18, 2018	1.86	0.08	78.0	396
February 19, 2018	1.75	0.09	78.1	411
February 20, 2018	1.85	0.09	77.9	392
February 21, 2018	1.61	0.11	72.1	392
February 22, 2018	1.58	0.12	72.8	390
February 23, 2018	1.62	0.11	72.7	385
February 24, 2018	1.93	0.10	72.1	358
February 25, 2018	2.00	0.10	72.1	356
February 26, 2018	1.95	0.11	72.4	349
February 27, 2018	1.97	0.11	77.0	379
February 28, 2018	1.71	0.11	79.1	406
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	2.00	0.12	79.1	416
MIN	0.43	0.04	65.9	297
AVG	1.53	0.08	71.2	368
Total	39.75			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
March 1, 2018	1.43	0.10	80.1	423
March 2, 2018	1.43	0.08	82.1	421
March 3, 2018	0.90	0.09	81.9	442
March 4, 2018	0.67	0.08	82.7	418
March 5, 2018	0.46	0.08	83.0	424
March 6, 2018	1.03	0.09	81.9	402
March 7, 2018	1.01	0.08	78.0	371
March 8, 2018	0.47	0.08	75.0	346
March 9, 2018	1.15	0.07	75.8	377
March 10, 2018	1.79	0.07	75.4	397
March 11, 2018	1.51	0.07	75.1	424
March 12, 2018	0.49	0.07	75.0	403
March 13, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
March 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
March 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
March 16, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
March 17, 2018	0.55	0.10	72.7	436
March 18, 2018	1.07	0.06	74.3	480
March 19, 2018	1.17	0.07	75.0	491
March 20, 2018	1.33	0.10	73.6	475
March 21, 2018	1.31	0.08	74.4	469
March 22, 2018	1.07	0.08	74.8	480
March 23, 2018	0.29	0.07	72.7	471
March 24, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
March 25, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
March 26, 2018	0.27	0.09	73.1	391
March 27, 2018	0.97	0.08	74.6	403
March 28, 2018	0.91	0.08	74.7	406
March 29, 2018	0.74	0.09	74.4	405
March 30, 2018	0.92	0.09	75.1	400
March 31, 2018	1.65	0.09	75.1	394

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	1.79	0.10	83.0	491
MIN	0.27	0.06	72.7	346
AVG	0.98	0.08	76.4	422
Total	24.58			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
April 1, 2018	1.20	0.09	76.2	429
April 2, 2018	1.52	0.09	73.6	399
April 3, 2018	1.74	0.08	72.3	363
April 4, 2018	1.72	0.08	72.4	366
April 5, 2018	1.38	0.07	72.3	399
April 6, 2018	1.08	0.06	72.6	459
April 7, 2018	1.06	0.06	71.8	427
April 8, 2018	1.01	0.07	72.8	444
April 9, 2018	0.89	0.07	74.1	455
April 10, 2018	0.75	0.06	75.1	467
April 11, 2018	0.75	0.06	75.9	472
April 12, 2018	0.75	0.06	75.8	473
April 13, 2018	1.02	0.06	75.9	462
April 14, 2018	0.92	0.06	75.3	451
April 15, 2018	1.12	0.06	73.5	421
April 16, 2018	1.18	0.06	72.1	407
April 17, 2018	1.62	0.06	73.3	389
April 18, 2018	1.58	0.06	73.9	406
April 19, 2018	1.45	0.06	74.3	429
April 20, 2018	1.34	0.06	75.0	439
April 21, 2018	0.81	0.08	74.9	437
April 22, 2018	0.98	0.08	73.7	424
April 23, 2018	1.57	0.09	72.7	378
April 24, 2018	1.92	0.08	73.4	349
April 25, 2018	1.91	0.09	74.3	356
April 26, 2018	1.91	0.11	75.7	365
April 27, 2018	1.92	0.09	75.9	365
April 28, 2018	1.58	0.11	75.3	405
April 29, 2018	1.38	0.11	74.2	443
April 30, 2018	1.66	0.11	72.2	375
-	-	-	-	-

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	1.92	0.11	76.2	473
MIN	0.75	0.06	71.8	349
AVG	1.32	0.08	74.0	415
Total	39.72			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
May 1, 2018	0.80	0.11	73.9	426
May 2, 2018	0.29	0.16	76.0	443
May 3, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 4, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 5, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 6, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 7, 2018	0.22	0.12	72.3	334
May 8, 2018	2.03	0.09	73.2	334
May 9, 2018	2.01	0.10	73.7	339
May 10, 2018	1.75	0.10	74.0	372
May 11, 2018	1.78	0.10	73.9	375
May 12, 2018	0.84	0.09	74.8	464
May 13, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 16, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 17, 2018	0.76	0.09	74.8	430
May 18, 2018	1.61	0.07	73.8	362
May 19, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 20, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 21, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 22, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 23, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 24, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 25, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 26, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 27, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 28, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 29, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 30, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
May 31, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	2.03	0.16	76.0	464
MIN	0.22	0.07	72.3	334
AVG	1.21	0.10	74.0	388
Total	12.10			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
June 1, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 2, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 3, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 4, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 5, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 6, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 7, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 8, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 9, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 10, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 11, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 12, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 13, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 16, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 17, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 18, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 19, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 20, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 21, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 22, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 23, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 24, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 25, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 26, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 27, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 28, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 29, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
June 30, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
-	-	-	-	-

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	0.00	0.00	0.0	0
MIN	0.00	0.00	0.0	0
AVG	0.00	0.00	0.0	0
Total	0.00			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
July 1, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 2, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 3, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 4, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 5, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 6, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 7, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 8, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 9, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 10, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 11, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 12, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 13, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 16, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 17, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 18, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 19, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 20, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 21, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 22, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 23, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 24, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 25, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 26, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 27, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 28, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 29, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 30, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
July 31, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	0.00	0.00	0.0	0
MIN	0.00	0.00	0.0	0
AVG	0.00	0.00	0.0	0
Total	0.00			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
August 1, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 2, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 3, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 4, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 5, 2018	0.11	0.08	71.7	384
August 6, 2018	0.21	0.12	74.6	424
August 7, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 8, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 9, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 10, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 11, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 12, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 13, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 16, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 17, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 18, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 19, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 20, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 21, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 22, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 23, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 24, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 25, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 26, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 27, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 28, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 29, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 30, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
August 31, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	0.21	0.12	74.6	424
MIN	0.11	0.08	71.7	384
AVG	0.16	0.10	73.2	404
Total	0.32			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
September 1, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 2, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 3, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 4, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 5, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 6, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 7, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 8, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 9, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 10, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 11, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 12, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 13, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 16, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 17, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 18, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 19, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 20, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 21, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 22, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 23, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 24, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 25, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 26, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 27, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 28, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 29, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
September 30, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
-	-	-	-	-

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	0.00	0.00	0.0	0
MIN	0.00	0.00	0.0	0
AVG	0.00	0.00	0.0	0
Total	0.00			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
October 1, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 2, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 3, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 4, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 5, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 6, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 7, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 8, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 9, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 10, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 11, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 12, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 13, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 16, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 17, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 18, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 19, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 20, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 21, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 22, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 23, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 24, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 25, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 26, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 27, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 28, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 29, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 30, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
October 31, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	0.00	0.00	0.0	0
MIN	0.00	0.00	0.0	0
AVG	0.00	0.00	0.0	0
Total	0.00			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
November 1, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 2, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 3, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 4, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 5, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 6, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 7, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 8, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 9, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 10, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 11, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 12, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 13, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 16, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 17, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 18, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 19, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 20, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 21, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 22, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 23, 2018	0.04	0.14	75.6	402
November 24, 2018	1.73	0.08	77.3	413
November 25, 2018	1.85	0.06	74.5	386
November 26, 2018	1.94	0.05	77.6	378
November 27, 2018	0.60	0.05	79.5	382
November 28, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 29, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
November 30, 2018	0.93	0.08	71.1	340
-	-	-	-	-

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	1.94	0.14	79.5	413
MIN	0.04	0.05	71.1	340
AVG	1.18	0.08	75.9	384
Total	7.09			

Permit Values	Max = 0.2	Min = 65	Min = 80
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DUBLIN SAN RAMON SERVICES DISTRICT
Recycled Water System

Operating Data - Daily Averages

Date	Recycled Water Produced (MG)	Filtrate Turbidity (Average NTU)	UV Transmittance of Recycled Water Produced (Average %)	UV Dosage (Average mW/cm2)
December 1, 2018	0.73	0.10	69.2	314
December 2, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 3, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 4, 2018	0.75	0.05	67.3	358
December 5, 2018	1.15	0.03	67.1	365
December 6, 2018	0.32	0.04	66.3	378
December 7, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 8, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 9, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 10, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 11, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 12, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 13, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 14, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 15, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 16, 2018	0.84	0.06	67.8	343
December 17, 2018	1.46	0.05	69.3	357
December 18, 2018	1.24	0.05	68.5	351
December 19, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 20, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 21, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 22, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 23, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 24, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 25, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 26, 2018	0.95	0.08	68.2	332
December 27, 2018	1.40	0.08	70.0	373
December 28, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 29, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 30, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE
December 31, 2018	OFFLINE	OFFLINE	OFFLINE	OFFLINE

Monthly Totals	MG	NTU	Percent	mW/cm2
MAX	1.46	0.10	70.0	378
MIN	0.32	0.03	66.3	314
AVG	0.98	0.06	68.2	352
Total	8.84			

Permit Values	Max = 0.2	Min = 65	Min = 80
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Attachment D
Flow and Turbidity Data for Sand Filtration-Ultraviolet Disinfection Facility

	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
1/1/18								
1/1/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/2/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/3/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/4/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/5/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/6/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/7/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/8/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/9/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/10/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/11/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/12/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/13/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/14/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/15/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/16/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/17/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/18/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/19/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/20/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/21/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/22/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/23/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/24/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/25/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/26/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/27/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/28/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/29/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/30/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
1/31/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
Monthly Totals								
MAX.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOT.	0.00	0.00						
Permit Values				Max = 2	Max = 5	Min = 52	Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								

	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
2/1/18								
2/1/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/2/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/3/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/4/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/5/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/6/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/7/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/8/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/9/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/10/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/11/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/12/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/13/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/14/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/15/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/16/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/17/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/18/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/19/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/20/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/21/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/22/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/23/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/24/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/25/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/26/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/27/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
2/28/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
Monthly Totals								
MAX.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOT.	0.00	0.00						
Permit Values				Max = 2	Max = 5	Min = 52	Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								

	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
3/1/18								
3/1/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/2/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/3/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/4/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/5/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/6/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/7/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/8/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/9/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/10/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/11/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/12/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/13/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/14/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/15/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/16/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/17/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/18/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/19/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/20/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/21/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/22/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/23/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/24/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/25/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/26/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/27/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/28/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/29/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/30/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
3/31/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
Monthly Totals								
MAX.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOT.	0.00	0.00						
Permit Values				Max = 2	Max = 5	Min = 52		Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								
*3/26/18 - 3/30/18 TIPS, ACTIFLOW(BALLASTED FLOCCULATION), DIRECT FILTRATION & WEDECO PROGRAM								

	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
4/1/18								
4/1/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/2/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/3/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/4/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/5/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/6/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/7/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/8/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/9/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/10/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/11/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/12/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/13/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/14/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/15/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/16/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/17/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/18/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/19/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/20/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/21/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/22/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/23/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/24/18	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
4/25/18	5.40	4.93	1.47	0.00	61.15	13.70	0.00	OFFLINE
4/26/18	2.00	3.42	1.51	0.00	60.07	58.32	0.00	0.00
4/27/18	4.20	3.71	1.86	0.00	57.98	50.96	141.00	OFFLINE
4/28/18	3.80	3.67	1.95	0.00	57.84	46.40	125.00	OFFLINE
4/29/18	2.30	1.30	1.83	0.00	58.76	43.50	OFFLINE	0.00
4/30/18	6.20	5.67	1.53	0.00	58.32	38.89	0.00	0.00
Monthly Totals								
MAX.	6.20	5.67	1.95	0.00	61.15	58.32	141.00	0.00
MIN.	2.00	1.30	1.47	0.00	57.84	13.70	125.00	0.00
AVG.	3.98	3.78	1.69	#DIV/0!	59.02	41.96	133.00	#DIV/0!
Permit Values				Max = 2	Max = 5	Min = 52	Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								

	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
5/1/18								
5/1/18	4.60	3.51	1.64	0.00	59.49	54.23	0.00	0.00
5/2/18	7.90	5.68	1.59	0.00	60.30	10.97	0.00	0.00
5/3/18	8.40	3.17	1.68	0.00	59.93	56.97	0.00	0.00
5/4/18	7.20	3.83	1.59	0.00	60.51	56.96	112.50	137.65
5/5/18	4.70	3.92	1.59	0.00	60.05	50.46	150.00	146.00
5/6/18	4.10	2.81	1.81	0.00	59.24	55.72	142.50	140.00
5/7/18	3.90	3.41	1.84	0.00	58.85	50.76	146.00	OFF
5/8/18	2.70	4.70	1.66	0.00	57.66	45.56	128.00	OFF
5/9/18	5.50	7.50	1.72	0.00	58.32	55.12	142.00	OFF
5/10/18	4.40	4.92	1.70	0.00	59.30	48.51	148.66	OFF
5/11/18	5.70	5.94	1.77	0.00	59.11	50.31	149.00	OFF
5/12/18	5.00	4.89	1.75	0.00	58.79	55.77	133.50	OFF
5/13/18	4.40	4.01	1.62	0.00	58.73	56.89	125.00	OFF
5/14/18	7.00	6.69	1.69	0.00	57.98	56.42	0.00	125.45
5/15/18	7.30	6.89	1.79	0.00	58.20	56.94	120.00	0.00
5/16/18	5.40	4.48	1.80	0.00	58.58	3.39	0.00	0.00
5/17/18	6.90	5.94	1.83	0.00	58.56	53.62	0.00	125.00
5/18/18	7.00	7.36	1.86	0.00	57.68	55.21	135.00	147.00
5/19/18	4.40	3.09	1.55	0.00	58.02	0.00	139.50	OFF
5/20/18	5.10	4.41	1.72	0.00	63.21	0.00	146.00	OFF
5/21/18	5.60	5.26	1.63	0.00	65.42	63.47	0.00	OFF
5/22/18	7.20	4.83	1.63	0.00	65.75	59.97	0.00	0.00
5/23/18	7.20	5.16	1.59	0.00	65.47	57.82	OFF	0.00
5/24/18	7.40	5.35	1.41	0.00	64.65	61.52	OFF	0.00
5/25/18	7.90	5.90	1.26	0.00	66.40	62.43	131.00	132.00
5/26/18	7.10	5.94	1.56	0.00	65.25	62.43	124.00	124.33
5/27/18	5.90	5.00	1.65	0.00	65.43	62.63	OFF	85.00
5/28/18	7.40	6.72	1.59	0.00	71.52	0.00	OFF	140.00
5/29/18	6.40	5.12	1.60	0.00	76.84	68.40	125.00	125.00
5/30/18	8.50	5.96	0.91	0.00	68.89	0.00	203.00	331.00
5/31/18	8.80	5.50	0.98	0.00	66.02	7.97	137.50	122.50
Monthly Totals								
MAX.	8.80	7.50	1.86	0.00	76.84	68.40	203.00	331.00
MIN.	2.70	2.81	0.91	0.00	57.66	3.39	112.50	85.00
AVG.	6.16	5.09	1.61	#DIV/0!	62.07	51.13	138.85	144.69
TOT.	191.00	157.90						
Permit Values			Max = 2	Max = 5	Min = 52	Min = 52	Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								
* Data for RED Ch1, Ch2, & UVI AVERAGES pulled from round sheets due to integration of the new WEDECO program, estat								

6/1/18	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
6/1/18	8.30	5.11	1.38	0.00	61.94	48.90	142.00	141.00
6/2/18	8.60	7.36	1.50	0.00	63.29	0.00	0.00	0.00
6/3/18	7.30	5.70	1.60	0.00	65.45	61.18	0.00	0.00
6/4/18	7.70	6.89	1.58	0.00	65.39	62.44	OFF	0.00
6/5/18	7.30	5.79	1.44	0.00	66.81	63.23	0.00	96.10
6/6/18	7.20	6.24	1.70	0.00	67.58	64.73	0.00	OFF
6/7/18	8.10	6.95	1.64	0.00	68.39	64.43	0.00	OFF
6/8/18	8.90	6.79	1.80	0.00	69.17	52.87	0.00	0.00
6/9/18	9.00	7.41	1.87	0.00	68.85	60.03	120.00	122.00
6/10/18	5.40	4.57	1.80	0.00	66.81	62.84	0.00	0.00
6/11/18	7.80	6.99	1.65	0.00	65.38	62.43	130.00	OFF
6/12/18	7.40	5.89	1.51	0.00	65.31	62.68	0.00	0.00
6/13/18	8.90	6.85	1.61	0.00	64.98	63.73	0.00	0.00
6/14/18	9.50	7.49	1.75	0.00	64.85	62.13	127.00	134.50
6/15/18	10.50	9.40	1.61	0.00	64.45	61.88	0.00	0.00
6/16/18	5.90	5.24	1.63	0.00	64.69	62.88	0.00	0.00
6/17/18	6.70	5.78	1.65	0.00	63.98	61.93	OFF	0.00
6/18/18	9.30	8.21	1.67	0.00	63.53	61.03	0.00	OFF
6/19/18	6.80	5.15	1.60	0.00	65.35	62.69	0.00	0.00
6/20/18	9.10	7.76	1.55	0.00	66.08	62.83	0.00	OFF
6/21/18	9.10	8.21	1.51	0.00	65.11	61.78	0.00	0.00
6/22/18	9.90	9.02	1.61	0.00	64.26	62.73	0.00	0.00
6/23/18	9.30	7.65	1.62	0.00	64.98	59.78	130.00	132.00
6/24/18	6.60	5.53	1.58	0.00	65.29	61.89	0.00	0.00
6/25/18	9.90	8.93	1.73	0.00	63.20	61.18	116.00	OFF
6/26/18	7.70	6.45	1.35	0.00	65.06	61.63	0.00	0.00
6/27/18	8.90	6.76	1.49	0.00	65.72	63.84	131.00	117.00
6/28/18	8.80	7.82	1.64	0.00	65.17	63.09	142.00	124.00
6/29/18	10.70	9.82	1.67	0.00	64.67	63.23	119.00	121.66
6/30/18	7.80	6.38	1.67	0.00	63.45	61.13	0.00	0.00
Monthly Totals								
MAX.	10.70	9.82	1.87	0.00	69.17	64.73	142.00	141.00
MIN.	5.40	4.57	1.35	0.00	61.94	48.90	116.00	96.10
AVG.	8.28	6.94	1.61	#DIV/0!	65.31	61.56	128.56	123.53
Permit Values	248.40	208.14		Max = 2	Max = 5	Min = 52	Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								

7/1/18	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
7/1/18	7.30	6.36	1.77	0.00	62.44	59.98	0.00	110.50
7/2/18	10.30	9.37	1.67	0.00	62.02	59.61	116.00	116.00
7/3/18	8.50	6.18	1.30	0.00	64.79	56.51	134.00	149.75
7/4/18	9.40	7.38	1.49	0.00	67.92	64.09	123.33	145.00
7/5/18	9.40	7.91	1.70	0.00	66.20	50.56	128.00	138.30
7/6/18	10.50	9.20	1.67	0.00	64.59	62.93	116.60	124.20
7/7/18	9.80	8.56	1.74	0.00	64.07	51.52	140.01	119.08
7/8/18	7.30	6.38	1.85	0.00	66.08	60.79	119.50	123.00
7/9/18	7.80	7.27	1.76	0.00	66.71	57.40	122.33	120.33
7/10/18	8.80	7.54	1.54	0.00	66.73	64.54	136.00	147.50
7/11/18	8.80	7.27	1.49	0.00	65.59	62.48	133.60	132.80
7/12/18	10.10	9.19	1.53	0.00	66.39	64.79	135.89	133.50
7/13/18	10.00	8.78	1.81	0.00	65.57	63.83	129.01	157.72
7/14/18	10.70	9.29	1.51	0.00	66.67	61.19	130.24	151.99
7/15/18	9.00	7.41	1.69	0.00	66.00	28.93	129.77	124.21
7/16/18	9.60	8.14	1.62	0.00	65.56	59.89	123.59	124.21
7/17/18	7.80	7.12	1.60	0.00	64.74	62.29	128.53	129.00
7/18/18	9.10	7.66	1.49	0.00	64.82	60.53	128.57	125.21
7/19/18	9.60	8.70	1.47	0.00	65.68	51.72	118.49	128.31
7/20/18	10.20	9.05	1.49	0.00	64.12	15.35	130.82	126.62
7/21/18	9.70	8.71	1.76	0.00	64.31	4.86	152.80	149.22
7/22/18	7.60	6.85	1.63	0.00	66.13	36.54	132.26	128.62
7/23/18	8.40	7.44	1.80	0.00	66.53	64.99	100.67	127.75
7/24/18	10.10	7.70	1.36	0.00	67.98	58.18	OFF	125.58
7/25/18	9.10	8.23	1.45	0.00	67.48	0.00	133.61	103.93
7/26/18	10.50	8.78	1.66	0.00	66.38	65.14	128.42	143.00
7/27/18	11.30	10.20	1.69	0.00	66.62	64.48	140.82	138.97
7/28/18	9.20	7.98	1.81	0.00	66.33	64.49	132.28	130.67
7/29/18	9.40	7.62	1.79	0.00	69.91	64.69	126.58	126.54
7/30/18	10.40	8.92	1.71	0.00	64.85	23.37	129.61	127.87
7/31/18	8.80	7.13	1.55	0.00	65.66	62.94	127.90	120.50
Monthly Totals								
MAX.	11.30	10.20	1.85	0.00	69.91	65.14	152.80	157.72
MIN.	7.30	6.18	1.30	0.00	62.02	0.00	100.67	103.93
AVG.	9.31	8.01	1.63	#DIV/0!	65.77	52.29	128.59	130.64
TOT.	288.50	248.31						
Permit Values			Max = 2	Max = 5	Min = 52	Min = 52	Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								

	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
8/1/18								
8/1/18	9.20	7.52	1.48	0.00	66.15	38.89	126.55	109.97
8/2/18	9.60	7.95	1.47	0.00	65.83	0.00	133.47	122.63
8/3/18	11.10	10.05	1.42	0.00	64.05	62.69	119.98	122.42
8/4/18	7.00	5.95	1.60	0.00	62.62	60.33	125.45	116.00
8/5/18	8.20	7.41	1.69	0.00	62.30	60.23	121.48	139.70
8/6/18	7.60	6.31	1.65	0.00	61.80	59.47	119.90	138.99
8/7/18	9.20	7.65	1.60	0.00	62.54	60.64	136.46	128.17
8/8/18	9.00	7.60	1.42	0.00	65.91	60.48	144.24	136.53
8/9/18	10.60	8.65	1.48	0.00	66.24	66.24	143.24	136.19
8/10/18	10.80	9.37	1.69	0.00	65.93	64.63	132.45	125.54
8/11/18	8.20	6.60	1.66	0.00	68.07	65.38	129.62	121.64
8/12/18	8.60	7.13	1.83	0.00	67.71	63.64	143.03	164.82
8/13/18	9.00	8.01	1.76	0.00	68.44	65.79	129.93	135.82
8/14/18	7.50	5.30	1.48	0.00	69.65	65.64	129.00	133.52
8/15/18	8.40	7.46	1.53	0.00	70.39	67.89	126.14	142.35
8/16/18	9.30	8.20	1.56	0.00	69.83	68.35	133.17	131.54
8/17/18	10.10	8.86	1.34	0.00	69.28	66.19	138.82	124.13
8/18/18	9.20	7.94	1.23	0.00	68.39	32.49	132.09	129.87
8/19/18	8.90	7.40	1.24	0.00	68.45	65.03	133.69	130.57
8/20/18	6.90	5.74	1.37	0.00	68.28	65.79	129.17	119.60
8/21/18	9.10	7.60	1.17	0.00	69.59	67.29	142.21	114.48
8/22/18	7.00	6.22	1.41	0.00	67.47	64.14	130.00	158.14
8/23/18	9.10	8.30	1.31	0.00	68.60	64.19	137.75	112.57
8/24/18	8.90	7.88	1.37	0.00	68.78	65.94	127.69	140.83
8/25/18	7.30	6.29	1.58	0.00	66.07	62.98	128.50	124.98
8/26/18	6.30	5.38	1.68	0.00	65.52	61.79	OFF	125.23
8/27/18	8.30	5.17	1.45	0.00	66.23	2.50	124.00	116.50
8/28/18	7.40	5.87	1.22	0.00	67.59	65.04	121.50	127.51
8/29/18	7.20	6.64	1.43	0.00	67.08	64.20	OFF	129.93
8/30/18	7.30	6.52	1.55	0.00	67.74	65.95	OFF	132.07
8/31/18	9.10	7.18	1.71	0.00	66.74	53.77	130.72	131.92
Monthly Totals								
MAX.	11.10	10.05	1.83	0.00	70.39	68.35	144.24	164.82
MIN.	6.30	5.17	1.17	0.00	61.80	2.50	119.90	109.97
AVG.	8.56	7.23	1.50	#DIV/0!	66.88	57.99	131.08	129.81
TOT.	265.40	224.14						
Permit Values			Max = 2	Max = 5	Min = 55			Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								

9/1/18	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
9/1/18	10.00	9.11	1.44	0.00	66.36	61.34	139.12	134.15
9/2/18	6.90	5.87	1.50	0.00	66.45	62.99	36.12	133.51
9/3/18	6.90	5.68	1.42	0.00	66.14	63.60	OFF	128.78
9/4/18	7.30	6.55	1.26	0.00	65.97	64.69	OFF	126.38
9/5/18	7.20	5.93	1.29	0.00	65.68	63.48	74.02	61.23
9/6/18	7.40	6.41	1.32	0.00	66.97	62.69	136.22	7.32
9/7/18	7.60	6.94	1.44	0.00	66.34	63.24	123.89	OFF
9/8/18	7.60	6.88	1.38	0.00	66.10	61.19	60.84	77.29
9/9/18	7.60	6.85	1.50	0.00	65.97	63.94	OFF	131.62
9/10/18	7.60	5.95	1.47	0.00	66.22	64.00	OFF	120.02
9/11/18	7.30	6.04	1.34	0.00	68.23	66.50	OFF	133.24
9/12/18	6.70	5.12	1.43	0.00	68.61	67.60	40.64	102.23
9/13/18	7.10	6.21	1.59	0.00	65.32	62.44	123.45	OFF
9/14/18	7.40	6.75	1.73	0.00	59.80	57.78	122.35	OFF
9/15/18	7.40	5.72	1.68	0.00	59.04	54.34	129.85	OFF
9/16/18	6.70	5.80	1.64	0.00	64.07	0.00	142.61	OFF
9/17/18	6.30	5.48	1.55	0.00	64.56	62.75	134.89	OFF
9/18/18	6.30	4.71	1.89	0.00	63.65	61.59	125.18	OFF
9/19/18	7.90	5.06	1.49	0.00	65.31	60.78	102.93	111.25
9/20/18	6.90	5.32	1.48	0.00	63.69	61.13	51.00	124.12
9/21/18	10.30	9.07	1.45	0.00	62.91	60.24	127.36	130.35
9/22/18	6.20	5.07	1.71	0.00	61.09	58.79	124.04	36.68
9/23/18	6.20	5.30	1.76	0.00	60.01	57.79	45.36	79.27
9/24/18	6.70	5.32	1.51	0.00	60.16	57.53	OFF	87.31
9/25/18	7.40	6.78	1.31	0.00	62.41	58.08	134.45	OFF
9/26/18	6.40	8.00	1.41	0.00	63.93	45.08	141.02	OFF
9/27/18	8.70	7.86	1.38	0.00	63.77	59.83	129.90	77.12
9/28/18	8.40	7.75	1.55	0.00	64.21	62.74	139.28	138.33
9/29/18	7.50	6.41	1.82	0.00	63.21	60.28	135.88	109.19
9/30/18	7.20	5.24	1.75	0.00	63.75	59.08	66.71	81.49
Monthly Totals								
MAX.	10.30	9.11	1.89	0.00	68.61	67.60	142.61	138.33
MIN.	6.20	4.71	1.26	0.00	59.04	45.08	36.12	7.32
AVG.	7.37	6.31	1.52	#DIV/0!	64.33	60.88	107.80	101.47
TOT.	221.10	189.20						
Permit Values			Max = 2	Max = 5	Min = 52	Min = 52	Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								

* Data for Ch1, Ch2, & UVI AVERAGES pulled from round sheets due to integration of the new WEDECO program, establishing co

	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
10/1/18								
10/1/18	6.00	5.13	1.74	0.00	63.14	60.79	135.28	127.50
10/2/18	5.90	4.08	1.81	0.00	63.99	58.72	132.62	OFF
10/3/18	5.30	4.18	1.64	0.00	62.26	59.98	131.11	OFF
10/4/18	4.30	2.93	1.86	0.00	60.62	57.68	119.21	OFF
10/5/18	8.50	5.97	1.74	0.00	61.80	56.24	129.66	119.05
10/6/18	5.80	4.50	1.84	0.00	60.36	55.69	116.71	138.00
10/7/18	5.80	3.94	1.61	0.00	59.12	56.38	123.16	OFF
10/8/18	5.40	3.68	1.58	0.00	62.01	56.88	124.35	115.00
10/9/18	5.30	4.53	1.35	0.00	61.46	58.58	131.90	OFF
10/10/18	5.80	4.27	1.31	0.00	63.49	60.59	138.90	OFF
10/11/18	6.10	5.54	1.31	0.00	61.49	60.00	119.89	OFF
10/12/18	6.00	5.02	1.39	0.00	62.13	60.14	143.46	108.50
10/13/18	5.80	4.41	1.38	0.00	61.81	59.99	OFF	111.33
10/14/18	5.80	4.85	1.26	0.00	62.70	61.14	0.00	121.09
10/15/18	5.10	4.19	1.34	0.00	61.89	58.58	133.00	110.66
10/16/18	6.00	4.38	1.37	0.00	61.29	57.28	128.63	OFF
10/17/18	6.50	5.45	1.22	0.00	62.01	45.57	122.76	OFF
10/18/18	5.80	4.32	1.27	0.00	62.43	58.08	126.04	OFF
10/19/18	8.00	5.85	1.18	0.00	62.34	54.99	125.50	139.00
10/20/18	8.30	7.42	1.42	0.00	60.54	58.24	149.20	124.37
10/21/18	5.30	2.72	1.75	0.00	59.43	53.13	134.89	125.00
10/22/18	5.10	4.28	1.47	0.00	61.76	58.18	122.00	120.00
10/23/18	5.90	4.37	1.53	0.00	60.73	58.73	0.00	133.01
10/24/18	3.30	2.73	1.63	0.00	59.71	57.12	127.50	120.00
10/25/18	4.70	4.08	1.72	0.00	58.44	57.45	125.16	OFF
10/26/18	8.40	6.28	1.36	0.00	60.85	51.09	134.98	123.50
10/27/18	5.10	4.15	1.55	0.00	63.65	60.94	135.94	OFF
10/28/18	4.00	1.34	1.49	0.00	63.74	26.28	154.00	139.00
10/29/18	7.50	5.74	1.56	0.00	61.43	55.34	125.30	120.33
10/30/18	4.90	3.45	1.44	0.00	62.91	58.23	121.00	116.00
10/31/18	4.80	2.61	1.47	0.00	64.61	60.68	125.38	OFF
Monthly Totals								
MAX.	8.50	7.42	1.86	0.00	64.61	61.14	154.00	139.00
MIN.	3.30	1.34	1.18	0.00	58.44	26.28	116.71	108.50
AVG.	5.82	4.40	1.50	#DIV/0!	61.75	56.54	129.91	122.85
Permit Values	180.50	136.39		Max = 2	Max = 5	Min = 52	Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								
Report could not determine in the system was bypassing PSR1 in to HB4								

	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
11/1/18								
11/1/18	4.50	3.21	1.40	0.00	64.35	63.09	128.10	OFF
11/2/18	6.20	5.47	1.62	0.00	62.28	60.69	110.89	OFF
11/3/18	4.20	3.13	1.79	0.00	61.37	58.34	149.51	OFF
11/4/18	4.00	0.04	1.91	0.00	62.74	59.29	163.89	OFF
11/5/18	5.30	3.15	1.77	0.00	64.26	5.77	156.27	OFF
11/6/18	5.10	3.04	1.36	0.00	64.31	59.37	129.50	OFF
11/7/18	3.90	3.05	1.70	0.00	63.68	53.36	100.79	OFF
11/8/18	4.90	3.40	1.88	0.00	62.38	60.34	130.40	OFF
11/9/18	6.30	5.60	1.77	0.00	61.95	58.33	125.41	OFF
11/10/18	5.00	3.02	1.87	0.00	63.50	58.53	134.64	OFF
11/11/18	5.30	3.71	1.94	0.00	63.10	52.53	139.01	OFF
11/12/18	4.60	3.18	1.76	0.00	64.20	51.65	133.93	OFF
11/13/18	4.50	3.73	1.38	0.00	65.06	61.54	130.65	OFF
11/14/18	4.10	1.76	1.33	0.00	65.94	59.28	160.64	OFF
11/15/18	4.10	3.70	1.43	0.00	64.55	61.84	133.32	OFF
11/16/18	4.50	4.06	1.65	0.00	61.61	59.08	150.85	OFF
11/17/18	4.80	3.26	1.57	0.00	61.12	57.28	139.30	OFF
11/18/18	4.70	3.61	1.65	0.00	62.61	58.24	130.33	OFF
11/19/18	4.50	2.22	1.41	0.00	62.79	16.45	137.35	OFF
11/20/18	4.50	1.57	1.38	0.00	62.48	60.39	126.82	OFF
11/21/18	3.30	2.41	1.58	0.00	62.15	60.33	123.41	OFF
11/22/18	0.00	0.71	1.58	0.00	62.15	51.47	0.00	OFF
11/23/18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
11/24/18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
11/25/18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
11/26/18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
11/27/18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
11/28/18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
11/29/18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
11/30/18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Monthly Totals								
MAX.	6.30	5.60	1.94	0.00	65.94	63.09	163.89	0.00
MIN.	0.00	0.04	1.33	0.00	61.12	5.77	100.79	0.00
AVG.	4.68	3.05	1.62	#DIV/0!	63.12	53.96	135.00	#DIV/0!
TOT.	98.30	67.04						
Permit Values			Max = 2	Max = 5	Min = 52	Min = 52	Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								

* Data for Ch1, Ch2, & UVI AVERAGES pulled from round sheets due to integration of the new WEDECO program, establishing co

12/1/18	TIPS Influent Flow Total (Mgal)	SF/UV Recycled Water Flow Total (Mgal)	SF/UV Average Product Turbidity (NTU)	SF/UV -% of time Product Turbidity>5	SF/UV Last 24hr Average UVT (%)	SF/UV Minimum UVT (%)	SF/UV Average RED Ch1 Dosage (mJ/cm2)	SF/UV Average RED Ch2 Dosage (mJ/cm2)
12/1/18	0.00	0.32	1.58	0.00	62.15	OFF	OFF	OFF
12/2/18	0.00	0.20	1.58	0.00	62.15	OFF	OFF	OFF
12/3/18	0.00	0.25	1.58	0.00	62.15	OFF	OFF	OFF
12/4/18	0.00	1.55	1.58	0.00	62.15	OFF	OFF	OFF
12/5/18	0.00	1.04	1.58	0.00	62.15	OFF	OFF	OFF
12/6/18	0.30	0.14	1.58	0.00	62.15	OFF	OFF	OFF
12/7/18	0.00	0.01	1.58	0.00	62.15	OFF	OFF	OFF
12/8/18	4.30	2.98	1.63	0.00	67.52	7.97	144.00	OFF
12/9/18	0.30	0.27	1.63	0.00	67.57	OFF	OFF	OFF
12/10/18	0.00	0.26	1.63	0.00	67.57	OFF	OFF	OFF
12/11/18	0.00	0.02	1.63	0.00	67.57	OFF	OFF	OFF
12/12/18	0.00	0.03	1.63	0.00	67.57	OFF	OFF	OFF
12/13/18	0.00	0.03	1.63	0.00	67.57	OFF	OFF	OFF
12/14/18	0.00	0.70	1.63	0.00	67.57	OFF	OFF	OFF
12/15/18	0.00	0.84	1.63	0.00	67.57	OFF	OFF	OFF
12/16/18	0.00	2.16	1.63	0.00	67.57	OFF	OFF	OFF
12/17/18	0.00	1.32	1.63	0.00	67.57	OFF	OFF	OFF
12/18/18	0.00	0.76	1.63	0.00	67.57	OFF	OFF	OFF
12/19/18	0.00	0.05	1.63	0.00	67.57	OFF	OFF	OFF
12/20/18	0.00	0.16	1.63	0.00	67.57	OFF	OFF	OFF
12/21/18	0.00	0.04	1.63	0.00	67.57	OFF	OFF	OFF
12/22/18	0.00	0.00	1.63	0.00	67.57	OFF	OFF	OFF
12/23/18	0.00	0.00	1.63	0.00	67.57	OFF	OFF	OFF
12/24/18	0.00	0.00	1.63	0.00	67.57	OFF	OFF	OFF
12/25/18	0.00	0.00	1.63	0.00	67.57	OFF	OFF	OFF
12/26/18	0.00	1.05	1.63	0.00	67.57	OFF	OFF	OFF
12/27/18	0.00	0.83	1.63	0.00	67.57	OFF	OFF	OFF
12/28/18	0.00	0.01	1.63	0.00	67.57	OFF	OFF	OFF
12/29/18	0.00	0.00	1.63	0.00	67.57	OFF	OFF	OFF
12/30/18	0.00	0.00	1.63	0.00	67.57	OFF	OFF	OFF
12/31/18	0.70	0.00	1.63	0.00	67.57	OFF	OFF	OFF
Monthly Totals								
MAX.	4.30	2.98	1.63	0.00	67.57	7.97	144.00	0.00
MIN.	0.00	0.00	1.58	0.00	62.15	7.97	144.00	0.00
AVG.	1.40	0.54	1.62	#DIV/0!	66.35	7.97	144.00	#DIV/0!
TOT.	5.60	15.02						
Permit Values			Max = 2	Max = 5	Min = 52		Min = 100	Min = 100
Note: Daily values are taken from 7AM to 7AM of the following day.								
* Data for Ch1, Ch2, & UVI AVERAGES pulled from round sheets due to integration of the new WEDECO program, establishing co								

Attachment E

DSRSD Recycled Water Customer Information and Compliance Summary

- Table 1 – Recycled Water Use by Billing Period by Each User
- Table 2 – Summary of Recycled Water Usage by Application Type
- Table 3 – List of New Authorized Recycled Water Licenses
- Table 4 – Results from User’s Recycled Water Self-Monitoring Reports
- Table 5 – Summary of Violations Found During Site Inspections and Corrective Actions Taken



Clean Water Program

Recycled Water Use by Billing Period for Calendar Year 2018

Lic#	NAME OF SITE	Jan/Feb	Mar/Apr	May/Jun	Jul/Aug	Sep/Oct	Nov/Dec	Total CCF	Total MG
02-100	Extended Stay America	98	87	177	449	307	285	1,403	1.05
02-101	Emerald Point Bldg. A- Streetscape	71	72	208	519	547	473	1,890	1.41
02-103	Dublin Blvd. from Tassajara Creek to Tassajara Rd.	0	88	126	345	411	334	1,304	0.98
02-104	Emerald Glen Park	1,388	1,288	3,384	8,485	8,475	4,241	27,261	20.39
02-106	Central Parkway Median Arnold to Hacienda	0	49	45	151	214	151	610	0.46
02-107	Hacienda I-580 to Dublin Blvd. Medians	0	37	59	132	126	72	426	0.32
02-108	Dublin Blvd. - Dougherty Rd to Hacienda Drive	0	72	127	556	505	307	1,567	1.17
02-109	Alameda County Tassajara Creek	180	235	415	1,244	1,083	919	4,076	3.05
02-110	Dublin Sports Ground	532	895	2,578	6,896	6,092	4,167	21,160	15.83
02-111	Dublin Buick, Dublin	84	55	303	444	591	339	1,816	1.36
02-112	Park Place - former SAP/Sybase (Harvest Properties), Dublin	318	288	422	1,571	1,780	1,200	5,579	4.17
02-113	Tri-Valley SPCA	0	0	210	649	566	495	1,920	1.44
02-114	Emerald Pointe Bldg. B & C	0	141	198	972	999	676	2,986	2.23
02-116	Waterford Place - Safeway Shopping Center @ Tassajara Rd	89	242	310	1,022	772	309	2,744	2.05
02-117	Tassajara Creek Subdivision (Tassajara Ranch), Dublin	2	256	548	748	708	434	2,696	2.02
02-118	Avana Dublin Station	87	111	179	589	490	331	1,787	1.34
03-105	Central Parkway Median Hibernia to Persimmon	0	27	37	114	140	183	501	0.37
03-119	Gleason Drive Medians	0	52	69	290	333	264	1,008	0.75
03-120	Arlen Ness- 6050 Dublin Blvd.	27	13	36	98	77	68	319	0.24
03-121	Summer Glen of Dublin- Dublin, Ca	12	362	513	1,555	1,321	943	4,706	3.52
03-122	MicroDental- Dublin, Ca	7	370	490	900	923	636	3,326	2.49
03-123	San Ramon Valley Fire Station #30	0	13	7	197	206	197	620	0.46

Recycled Water Use by Billing Period

Lic#	NAME OF SITE	Jan/Feb	Mar/Apr	May/Jun	Jul/Aug	Sep/Oct	Nov/Dec	Total CCF	Total MG
03-124	Westport Way Park (a.k.a) Dublin Green- Dublin, Ca	3	6	23	47	50	43	172	0.13
03-125	Waterford Apartments- Dublin, Ca	4	14	194	473	456	347	1,488	1.11
04-102	Bellingham Square Park- San Ramon	155	259	573	2,688	1,752	1,022	6,449	4.82
04-126	East Branch Park- Harcourt & Pemberton, San Ramon	69	73	643	2,149	1,743	763	5,440	4.07
04-127	RA 1102- Windemere Backbone Phase 1A- San Ramon	40	64	2,406	9,739	8,980	5,876	27,105	20.27
04-128	Dublin Fire Station #18 - Fallon Rd.	0	0	96	324	329	240	989	0.74
04-129	Tassajara Meadows(I & II) Subdivision - HOA- Dublin, Ca	3	4	122	541	528	380	1,578	1.18
04-130	Dublin Ranch Golf Course- Dublin, Ca	509	1,547	10,748	31,113	24,265	12,596	80,778	60.42
04-131	Hidden Hills Elementary School- Harcourt & Albion, San Ra	92	132	423	1,534	1,305	610	4,096	3.06
04-132	Central Parkway Median West of Glynnis Rose	0	70	105	256	292	209	932	0.70
04-133	Bray Commons Park- 3300 Finnian Way	160	123	604	2,059	1,923	999	5,868	4.39
05-100	RA 1142- Windemere Backbone Phase 2- San Ramon	6	10	701	3,045	2,505	1,796	8,063	6.03
05-101	Fairway Ranch Medians	13	44	94	219	203	95	668	0.50
05-102	Hidden Valley Park-10820 Albion Rd., San Ramon	57	45	476	1,828	1,461	676	4,543	3.40
05-103	JPI Apartments (a.k.a Emerald Park Apts.)- Dublin, Ca	623	172	620	2,261	2,449	1,268	7,393	5.53
05-104	Tract 8714- Village 22- San Ramon	0	1	111	447	408	240	1,207	0.90
05-105	Neighborhood 01 Tract 7984	19	0	531	2,960	2,674	1,575	7,759	5.80
05-106	Hidden Crest Park- Asterbell Dr., San Ramon	53	28	246	892	672	357	2,248	1.68
05-107	Neighborhood 08- Tract 8564	8	3	474	1,559	1,387	796	4,227	3.16
05-108	Cornerstone Apartments- San Ramon, Ca	366	118	263	1,074	1,422	942	4,185	3.13
05-109	Tract 8716- Village 24- San Ramon	0	5	212	711	676	427	2,031	1.52
05-110	RA 1124- Watermill Rd.- San Ramon	56	0	337	1,383	1,327	777	3,880	2.90
05-111	Neighborhood 02B- Tract 8688 (San Ramon)	0	0	0	0	530	325	855	0.64
05-112	RA 1103-Dougherty Rd., -San Ramon	24	4	189	1,874	1,247	881	4,219	3.16
05-113	Valley View Park - Monarch & Star Jasmine, San Ramon	183	153	719	2,172	1,646	1,035	5,908	4.42
05-114	Bank of America, 4250 Dublin Blvd.- Dublin, Ca	0	7	90	176	138	91	502	0.38

Lic#	NAME OF SITE	Jan/Feb	Mar/Apr	May/Jun	Jul/Aug	Sep/Oct	Nov/Dec	Total CCF	Total MG
05-115	Limerick Park (a.k.a. Creekview Park)	135	98	270	1,204	960	566	3,233	2.42
05-116	Tract 8712- Village 20- San Ramon	0	3	72	201	189	108	573	0.43
05-117	Tract 8713- Village 21- San Ramon	0	0	43	560	456	246	1,305	0.98
05-118	RA 1130- Ambridge in Windemere-San Ramon	14	0	273	1,063	1,271	743	3,364	2.52
05-119	RA 1123- Windemere Backbone Section 1B- San Ramon	41	5	416	2,088	2,034	1,112	5,696	4.26
05-121	RA 1116 - N.Wedgewood Rd.- San Ramon	29	0	83	432	495	234	1,273	0.95
05-122	RA 1117- (Monarch & Wedgewood)- San Ramon	74	15	509	3,252	2,796	1,811	8,457	6.33
05-123	Souyen Park - 1548 Watermill Rd., San Ramon	19	29	290	965	733	376	2,412	1.80
05-126	Tract 8151- Village 12A- San Ramon	0	0	297	1,466	1,348	616	3,727	2.79
05-127	Tract 8619- Village 12B- San Ramon	0	0	106	429	532	269	1,336	1.00
05-129	Tract 8154- Village 15- San Ramon	0	0	81	343	287	175	886	0.66
05-130	Tract 8156- Village 17-San Ramon, Ca	4	2	247	1,047	837	335	2,472	1.85
05-131	Tract 8715- Village 23- San Ramon	0	0	74	263	241	159	737	0.55
05-132	RA 1104- N.Gale Ridge Rd.- San Ramon	0	0	16	144	143	92	395	0.30
05-133	RA 1105- S.Bollinger Cyn. Rd -San Ramon	3	3	170	1,186	1,133	463	2,958	2.21
05-134	RA 1094- South Bollinger Canyon Rd. (Phase 1A Backbone)	33	4	326	4,116	3,683	2,101	10,263	7.68
05-135	Tract 8149- Village 10- San Ramon	20	3	206	746	619	371	1,965	1.47
05-139	Tract 8157- Village 18- San Ramon	0	0	110	448	431	195	1,184	0.89
05-140	Neighborhood 11 Fuel Transition/Bollinger Cyn. Rd. Frontag	0	0	30	155	118	80	383	0.29
05-143	RA 1137- Windemere Phase 4 Backbone- San Ramon	38	12	278	1,001	1,169	478	2,976	2.23
05-144	RA 1151- Windemere Phase 4 Backbone- San Ramon	17	12	794	3,011	2,398	2,273	8,505	6.36
05-145	Dublin Corners- Dublin, Ca	33	32	58	302	377	331	1,133	0.85
05-146	Neighborhood 09- Tract 8631	0	1	242	970	918	572	2,703	2.02
05-148	Feathermint Open Space-Neighborhoods 2A/8 Open space	0	12	418	1,153	1,230	668	3,481	2.60
05-149	Emerald Glen Park - Phase 3	975	1,155	3,086	7,960	8,113	4,123	25,412	19.01
06-100	Sherwood Pocket Park- 5389 Sherwood Way., San Ramon	29	11	201	557	469	208	1,475	1.10

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06-101	Canyon Oaks Apartments (Branch Creek Place) San Ramon	206	160	0	3	762	780	1,911	1.43
06-102	Dougherty Valley Community Center & Library	58	0	260	1,078	722	724	2,842	2.13
06-105	DSRSD District Office	0	16	59	317	397	351	1,140	0.85
06-106	Area G-Central Pkwy, Dublin Blvd., Keegan St.	91	151	267	719	730	378	2,336	1.75
06-107	Windemere Ranch Middle School- 11611 E. Branch., San Ra	266	264	1,316	4,186	4,252	2,012	12,296	9.20
06-110	Mill Creek Apartments (Branch Creek Place) - San Ramon, C	276	371	650	1,590	2,245	939	6,071	4.54
06-120	RA 1148-Japonica Way- San Ramon	0	0	113	715	794	447	2,069	1.55
06-122	Quail Run Elementary School- 400 Goldenbay Ave., San Ra	166	148	787	2,539	1,834	888	6,362	4.76
06-125	RA 1125-S. Wedgewood Rd.-San Ramon	3	1	252	606	602	440	1,904	1.42
06-126	Neighborhood 04- Tract 8690	0	2	151	885	993	558	2,589	1.94
06-127	Neighborhood 06 Slopes- Tract 8681	0	0	53	597	678	339	1,667	1.25
06-128	RA 1139-Stoneleaf Rd.- San Ramon	0	1	114	662	611	349	1,737	1.30
06-129	Neighborhood 14 Villapaseo- Tract 8685	1	2	217	845	825	148	2,038	1.52
06-130	Neighborhood 15-Rosegarden- Tract 8686	0	0	249	586	823	381	2,039	1.53
06-131	Creekside Park PA 0010- San Ramon, Ca	253	106	659	2,031	1,618	880	5,547	4.15
06-132	Tassajara Creek Phase 3 Roxbury - Dublin	13	401	333	836	1,372	912	3,867	2.89
06-133	Dougherty Elementary School- Dublin, Ca	0	0	301	1,753	1,647	1,359	5,060	3.78
06-134	RA 1153 & 1156 Ivyleaf Springs Rd & Golden Bay Ave. (San	3	3	86	425	439	296	1,252	0.94
06-135	RA 1122- Bollinger Canyon Road- San Ramon	19	6	717	2,329	2,192	1,336	6,599	4.94
06-136	Arnold Road & Martinelli Way- Dublin	0	0	135	317	284	285	1,021	0.76
06-137	Diablo Valley College- San Ramon, Ca	102	101	269	600	490	324	1,886	1.41
06-139	WWTP 7399 Johnson Drive	170	588	32	282	369	356	1,797	1.34
06-140	Camellia Place- Dublin Transite Site A2- Dublin	185	0	0	114	150	19	468	0.35
06-141	Muirlands at Windemere Tract 7976 Lot 17 (San Ramon)	8	61	119	537	637	558	1,920	1.44
06-142	RA 1135-North Monarch Road, San Ramon	3	8	126	712	773	444	2,066	1.55
07-001	Tract 8775- Village 34- San Ramon	1	0	291	892	742	380	2,306	1.72

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07-002	Tract 8776- Village 35 -San Ramon	0	1	184	699	667	291	1,842	1.38
07-006	Dougherty Hills Dog Park	0	0	95	617	641	358	1,711	1.28
07-007	San Ramon Sports Park- 5261 Sherwood Way, San Ramon	476	180	1,653	5,587	3,649	1,797	13,342	9.98
07-008	Oak Grove at Dublin Ranch (a.k.a) Fairway Family Communi	0	28	233	517	520	373	1,671	1.25
07-009	Dublin Ranch Senior Apartments- Dublin, Ca	0	0	170	369	380	165	1,084	0.81
07-103	Monarch Park- 8502 N. Monarch Rd., San Ramon	220	124	742	2,307	1,547	780	5,720	4.28
07-104	Dublin Gateway Medical Center- Dublin	0	0	87	285	256	148	776	0.58
07-106	DSRSD Maymont Lane Siphon Flushing Station	308	284	311	217	263	294	1,677	1.25
07-107	Arlington Park at Windemere-3735 Knightbridge wy. (San R	28	22	555	2,239	1,546	676	5,066	3.79
07-108	Fire Truck Park - 2070 Arlington Way (San Ramon)	9	12	167	565	476	222	1,451	1.09
07-109	Dublin Chevrolet, Cadillac- Dublin	456	232	444	1,062	1,385	857	4,436	3.32
07-110	RA 1174- Windemere Ph5A Backbone- San Ramon	65	93	642	2,326	1,843	1,056	6,025	4.51
07-111	Dublin Honda- Dublin, Ca	5	0	180	986	1,417	617	3,205	2.40
07-112	Dublin Ranch Eastern On-Site Drainage- Dublin, Ca	7	77	170	270	271	225	1,020	0.76
07-113	Campbell Green Park (aka Avalon Dublin Station-Demarcus	58	1	121	296	300	222	998	0.75
07-114	Area F Medians- Gleason Dr & Grafton for Verona	0	39	51	226	249	205	770	0.58
07-115	Dublin Ranch Area F-2 (Verona)- Dublin, Ca	376	164	1,141	2,215	2,819	1,249	7,964	5.96
07-116	Dublin Blvd. -DSRSD Office to East of Clark Ave. (Dublin)	7	9	22	47	64	41	190	0.14
07-117	Dublin Ranch Golf HOA- Dublin, Ca	160	353	1,317	3,830	3,722	2,325	11,707	8.76
07-118	Pinnacle at Dublin Ranch Golf- Dublin, Ca	2	2	404	1,009	747	428	2,592	1.94
07-119	Ted Fairfield Park- 3400 Antone Way, Dublin	30	45	909	2,049	1,587	1,339	5,959	4.46
07-120	Lowe's of Dublin- Dublin, Ca	61	120	301	1,003	255	1,054	2,794	2.09
07-121	Live Oak Elementary School- 5151 Sherwood Wy, San Ramo	69	45	216	894	607	302	2,133	1.60
07-122	Dougherty Valley High School- San Ramon, Ca	6	303	1,279	5,379	4,958	3,178	15,103	11.30
07-123	Dublin Ranch Water Quality Basin- Dublin, Ca	0	128	221	1,411	1,145	433	3,338	2.50
08-001	Ulfert Shopping Center- Dublin, Ca	22	3	173	413	310	202	1,123	0.84

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08-002	Dublin Civic Center and Library	334	609	1,170	2,327	1,913	1,147	7,500	5.61
08-003	Ramona Park - 6330 Murdock Way, San Ramon	92	76	575	1,782	1,264	566	4,355	3.26
08-004	Venture Commerce Center- Dublin, Ca	103	82	121	383	433	329	1,451	1.09
08-005	Area F-Park (Piazza Sorrento Park)	40	64	340	802	586	519	2,351	1.76
08-006	Plaza at Gale Ranch- San Ramon, Ca	269	415	524	1,288	1,059	983	4,538	3.39
08-007	RA 1170- Dalton Way (San Ramon)	1	2	44	136	129	59	371	0.28
08-008	Tract 8777- Village 36- San Ramon	0	4	316	1,025	1,181	597	3,123	2.34
08-009	Fallon Middle School- 3601 Kohnen Way, Dublin, Ca	0	0	1,040	3,409	2,083	1,563	8,095	6.06
08-010	John Green Elementary School- Dublin, Ca	0	0	153	862	773	720	2,508	1.88
08-011	Tract 8778- Village 37, San Ramon	0	0	225	577	370	208	1,380	1.03
08-012	Neighborhood 07- Tract 8682	26	1	57	881	738	557	2,260	1.69
08-013	Grafton Station Offsite- Dublin, Ca	401	117	446	641	201	465	2,271	1.70
08-014	BART Parking Structure -Dublin, Ca	69	17	44	135	348	192	805	0.60
08-015	Tract 8773- Village 32 N. East Branch Pkwy, Chancery & Ing	0	1	144	668	427	222	1,462	1.09
08-016	Tract 8774- Village 33 Sherwood and Baker Way	0	0	116	372	365	159	1,012	0.76
08-017	Tract 8927- Village 43- San Ramon	1	1	161	646	563	309	1,681	1.26
08-018	Dublin Sonata-Gleason Median	0	24	33	157	177	130	521	0.39
08-019	Monument ID Exhibit-PA 0017 11890 Bollinger Cnyn., San R	5	4	17	61	49	28	164	0.12
08-020	Dublin Neighborhood Square Park (Devaney Park)	41	40	259	823	732	492	2,387	1.79
08-021	RA 1152-Stoneleaf Road- 7489 Stoneleaf Rd. San Ramon	1	2	194	1,294	1,151	557	3,199	2.39
08-022	Tract 8926- Village 42 (East Branch-Arlington, Enfield, Halifa	4	19	234	839	683	305	2,084	1.56
08-023	Tract 8928- Village 44 E.Branch-Arlington , Montrose-Edge	0	19	125	316	263	195	918	0.69
08-024	RA 1175 -Windemere Ph5B Backbone- San Ramon	70	9	1,566	6,435	5,639	2,691	16,410	12.27
08-026	Dublin Blvd. -Dougherty Rd. to Scarlett Dr.	0	17	17	43	44	26	147	0.11
08-027	Dougherty Rd.-median between Dublin Blvd. and Sierra Ln.	0	3	3	22	34	29	91	0.07
08-028	Tract 7282-SONATA- Dublin, Ca	457	371	491	973	848	533	3,673	2.75

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08-030	Gale Ranch Middle School- Sports field Bollinger & Main Br	512	213	934	3,206	3,131	321	8,317	6.22
08-031	Fallon Village Offsite-Positano Parkway- Dublin, Ca	629	550	1,267	2,248	1,785	1,265	7,744	5.79
08-032	Positano Parkway Median	153	251	89	184	427	483	1,587	1.19
09-001	Tract 8924- Village 40- San Ramon	5	47	151	727	760	441	2,131	1.59
09-002	Elan @ Dublin Station- Dublin, Ca	149	4	173	239	258	194	1,017	0.76
09-003	Tract 8717- Village 25- San Ramon	1	1	437	1,319	1,039	589	3,386	2.53
09-005	Tract 8929- Village 45- San Ramon	0	5	153	620	510	243	1,531	1.15
09-006	Grafton Station Pads B-D, Dublin, Ca	389	48	73	170	90	281	1,051	0.79
09-007	Seville at Gale Ranch -San Ramon, Ca	14	63	222	777	650	407	2,133	1.60
09-008	Neighborhood 06-Streets Tract 8681	4	0	207	988	972	451	2,622	1.96
09-009	Tract 9142- Village 47- San Ramon, Ca	3	1	49	873	869	404	2,199	1.64
09-010	Tract 9143- Village 48-San Ramon, Ca	26	2	272	699	617	310	1,926	1.44
09-011	I-580/Fallon Road Interchange	0	0	98	202	190	166	656	0.49
09-012	PM 7893- Demarcus Blvd. & PM 8275 Street Improvement	0	19	27	102	100	80	328	0.25
09-013	South Dougherty Road Widening- San Ramon	17	0	246	2,024	1,320	876	4,483	3.35
09-014	Tract 9144- Village 49 - San Ramon, Ca	1	2	355	1,134	861	449	2,802	2.10
09-015	PA 19 open space Gale ranch ph3- San Ramon	40	13	15	249	114	84	515	0.39
10-001	Six Pillars Park- PA 025 12219 Windemere Pkwy., San Ramo	30	19	299	1,013	836	359	2,556	1.91
10-002	Neighborhood 13- Tract 8700- San Ramon, Ca	0	0	229	1,070	892	571	2,762	2.07
10-003	Tract 8925- Village 41- San Ramon	0	0	241	860	713	422	2,236	1.67
10-004	Dublin Corporate Center (Koll Center)- Dublin, Ca	476	267	304	1,328	1,184	1,364	4,923	3.68
10-005	RA 1138- South Monarch Rd. -San Ramon	0	16	218	533	493	282	1,542	1.15
10-006	Fallon Sports Park- 4605 Lockhart Street, Dublin	1,676	2,669	4,806	11,273	10,351	5,530	36,305	27.16
10-007	Fallon Rd. North Extension	44	45	378	242	396	189	1,294	0.97
10-008	PA0040 Bark and Ride- San Ramon	1	13	56	927	743	409	2,149	1.61
10-009	Neighborhood 05-Subdivision 8699- San Ramon, Ca	0	9	311	1,557	1,359	932	4,168	3.12

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11-001	Neighborhood 03- Tract 8970 - San Ramon, Ca	29	20	3	260	319	316	947	0.71
11-002	Mosaic Park -PA0021 2651 Cypress., San Ramon	52	10	169	784	549	274	1,838	1.37
11-003	Fallon Gateway Offsite- 2800 Dublin Blvd. Dublin	13	74	42	272	284	93	778	0.58
11-004	Fallon Gateway Retail Center- Target -Dublin, Ca	258	1,949	1,747	3,298	3,212	3,025	13,489	10.09
11-005	Kolb Elementary School- Dublin, Ca	1	1	188	1,138	1,037	799	3,164	2.37
11-006	RA 1154-South Monarch Rd.- San Ramon, Ca	0	11	384	426	463	245	1,529	1.14
11-007	Eternal Ribbon Gateway-Dublin	12	94	123	455	402	260	1,346	1.01
11-009	Tract 7651- Sorrento East- Dublin, Ca	90	210	398	1,251	1,419	962	4,330	3.24
11-010	Tract 8306-Gale Ranch Phase 3- San Ramon, Ca	1	5	604	2,038	1,721	1,047	5,416	4.05
11-012	Silvera Ranch Phase 4- Tract 7540 Bella Monte Dublin, Ca	87	35	106	474	283	228	1,213	0.91
12-001	Tract 8952- Gale Ranch Phase 3- San Ramon, Ca	2	129	249	1,035	750	425	2,590	1.94
12-002	Valencia Apartments- San Ramon, Ca	141	245	134	623	624	652	2,419	1.81
12-003	Hacienda Crossings -Dublin, CA	56	478	442	2,445	3,869	2,684	9,974	7.46
12-004	BJ's Restaurant and Brewhouse, 3620 Fallon Road, Dublin,	0	0	6	99	124	79	308	0.23
12-005	Jordan Ranch Phase 1 Onsite HOA-Dublin, CA	96	23	7	216	296	241	879	0.66
12-006	Jordan Ranch Phase 1 Offsite Medians-Dublin, CA	5	16	14	31	119	60	245	0.18
12-007	Alamo Creek Park- Dublin, Ca	43	66	628	2,296	1,921	1,190	6,144	4.60
12-008	Stagecoach Park- Dublin, Ca	10	8	80	361	272	145	876	0.66
12-009	Kolb Park- Dublin, Ca	141	70	479	1,721	1,828	1,021	5,260	3.93
12-010	Wells Middle School/Cronin Park- Dublin, Ca	0	0	329	1,063	1,981	1,089	4,462	3.34
12-011	Murray Elementary School- Dublin, Ca	0	0	217	1,757	2,201	1,795	5,970	4.47
12-012	Crossroads@Emerald Vista	0	109	214	546	1,204	2,354	4,427	3.31
12-013	Wexford Way and Emerald Vista Apartments- Dublin	340	411	842	2,200	2,179	1,299	7,271	5.44
13-001	Dublin Infiniti (formerly Dublin Kia) - Dublin, Ca	57	162	281	442	494	304	1,740	1.30
13-002	Positano Hills Park- Dublin	60	131	542	2,051	1,741	818	5,343	4.00
13-003	Goddard School-San Ramon, Ca	5	8	31	105	151	47	347	0.26

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13-004	RA 1248-Gatekeeper Rd.- San Ramon, Ca	0	0	0	6	10	6	22	0.02
13-005	Frederiksen Elementary School- Dublin, Ca	430	346	177	1,178	2,320	1,214	5,665	4.24
13-006	Springfield Montessori School- Dublin	36	0	97	235	283	135	786	0.59
13-007	Tract 8689- Neighborhood 3A- San Ramon, Ca	19	25	50	282	281	161	818	0.61
13-008	Fallon Village Phase 2 Backbone (Village D)- HOA	1	75	706	961	845	786	3,374	2.52
13-009	Passatempo Park-3150 Palermo Way, Dublin	98	104	595	1,730	2,035	928	5,490	4.11
13-010	RA 1246-Barrenstar Way	68	55	225	543	723	301	1,915	1.43
13-011	Escalada on Brannigan- 10081 Brannigan St. Dublin	0	20	0	32	31	27	110	0.08
13-012	Fallon Village Phase 2 Backbone (Village D)- Median	1	9	21	106	85	71	293	0.22
14-001	Sorrento East - Pedestrian Corridor	153	0	370	271	263	500	1,557	1.16
14-002	Jordan Ranch Phase 4 Central Parkway Medians	40	4	47	144	102	150	487	0.36
14-003	Jordan Ranch Phase 4 Central Parkway HOA	391	237	258	361	713	735	2,695	2.02
14-004	Fallon Village Phase 2 Backbone - GHAD	151	140	132	223	180	120	946	0.71
14-005	Avalon Dublin Station Site C2	6	0	1	1,354	827	1,018	3,206	2.40
14-007	Archstone Apartments	185	6	1,080	2,720	2,590	1,991	8,572	6.41
14-008	Tassajara Road Medians from N. Dublin Ranch Dr. to Dublin	0	126	305	1,173	958	862	3,424	2.56
14-009	Dublin High School- 8151 VILLAGE PKWY	19	40	1,694	5,494	5,261	3,029	15,537	11.62
14-010	Hacienda and North Central Parkway Median	0	82	126	381	413	176	1,178	0.88
14-011	Arnold Road & Gleason Dr. Median	0	31	40	174	135	55	435	0.33
14-012	Hacienda & Gleason Dr. Streetscapes and Medians	0	127	204	914	809	517	2,571	1.92
14-013	Fallon Crossings Common Area and Vineyard	46	911	791	1,193	1,636	577	5,154	3.86
14-014	Public Safety Complex- 6363 Clark Ave.	64	156	122	393	245	227	1,207	0.90
14-015	Dublin Blvd. NW corner to Myrtle Dr.	0	87	87	307	303	231	1,015	0.76
14-016	Central Parkway Median Hacienda-Hibernia Dr.	0	16	20	76	106	53	271	0.20
14-017	Rancho Park- San Ramon	755	484	1,707	6,412	4,595	3,436	17,389	13.01
14-018	RA 1168- Dougherty Rd. Gale Ranch Phase 4	519	6	911	532	831	650	3,449	2.58

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14-019	Dublin Toyota- Dublin	336	410	884	1,964	2,027	1,187	6,808	5.09
14-020	Amador Valley Blvd. and Dougherty	0	20	123	97	164	536	940	0.70
14-021	Dublin Ranch Pedestrian Pathway	18	14	69	543	587	314	1,545	1.16
14-022	Antone Way and Grafton St. Streetscapes	85	48	300	834	895	725	2,887	2.16
14-023	South Dublin Ranch Dr. Streetscapes and Medians	176	122	428	1,692	1,730	1,482	5,630	4.21
14-024	Tassajara Rd. East Side Streetscapes from Gleason to N. Du	64	968	1,032	835	823	546	4,268	3.19
14-025	Amador Lakes Apartments	98	1,531	1,934	7,229	7,108	4,002	21,902	16.38
14-026	Avalon Dublin Station Site C1	351	0	0	0	0	2	353	0.26
14-027	Silvera Ranch Phase 1- Tract 7441	376	251	534	1,068	1,245	1,120	4,594	3.44
14-028	Jordan Ranch Phase 4 Trail and Open Space	57	16	10	210	213	152	658	0.49
14-029	Jordan Ranch Phase 4- Tracts 8140, 8141 & 8142 (Preserve	442	190	244	447	414	310	2,047	1.53
15-001	Fallon Gateway Chevron CarWash 2760 Dublin Blvd- Irrigati	1	0	33	100	100	69	303	0.23
15-001A	Fallon Gateway Chevron Car Wash 2760 Dublin Blvd - CarW	369	377	306	331	392	591	2,366	1.77
15-002	Parkwood Apartments- 7366 Dougherty Rd.	72	616	643	2,014	2,028	1,685	7,058	5.28
15-003	Dublin Fire Station #17- 6200 Madigan St.	0	41	36	121	159	156	513	0.38
15-004	California Highway Patrol- 4999 Gleason Dr. Dublin	10	4	114	132	106	60	426	0.32
15-005	Alameda County G.S.A Animal Shelter 1248- 4595 Gleason	0	0	122	353	281	109	865	0.65
15-006	Persimmon Place	58	445	1,234	1,622	1,462	1,009	5,830	4.36
15-007	JM Amador Elementary- 2100 E Cantara Dr. Dublin	100	79	168	1,288	997	579	3,211	2.40
15-008	Jordan Ranch Neighborhood 6 Tract 8197 & 8198	206	403	332	1,030	1,080	527	3,578	2.68
15-009	Esprit At Dublin Station- 5584 Dublin Blvd.	0	141	27	422	485	229	1,304	0.98
15-010	Alameda County G.S.A K-9 Training Area	6	72	143	917	916	346	2,400	1.80
15-011	Alameda County G.S.A Public Works	17	3	9	0	0	0	29	0.02
15-012	Alameda County G.S.A Sewer Screw Washdown	57	77	121	134	177	98	664	0.50
15-013	Alameda County G.S.A Santa Rita Jail	539	202	1,876	5,361	4,437	2,751	15,166	11.34
15-014	Dublin Senior Center- 7600 Amador Valley Blvd.	0	12	17	178	206	135	548	0.41

Lic#	NAME OF SITE	Jan/Feb	Mar/Apr	May/Jun	Jul/Aug	Sep/Oct	Nov/Dec	Total CCF	Total MG
15-015	Amador Valley Blvd. Median- Village Parkway to San Ramo	20	17	18	68	96	63	282	0.21
15-016	Jordan Ranch Phase 2 Neighborhood 3 -Capri Tract 8179	54	411	331	1,974	2,650	1,065	6,485	4.85
15-017	The Church of Jesus Christ of Latter-Day Saints (Mormon Ch	0	0	9	345	309	258	921	0.69
15-018	Dublin Fire Station #16- 7494 Donohue Dr.	0	16	23	53	51	70	213	0.16
15-019	Jordan Ranch Phase 4- Trio Tract 8154, 8155	10	1	193	907	751	601	2,463	1.84
15-020	Dublin Historic/Heritage Park- 11759 Dublin Blvd.	73	46	439	1,413	1,276	565	3,812	2.85
15-021	Dublin Tech Center- 11820-11850 Dublin Blvd.	47	22	21	97	85	64	336	0.25
15-022	Silvergate Drive Medians- 11471 Silvergate Dr.	0	8	15	31	39	32	125	0.09
15-023	McNamara's Steak House- 7400 San Ramon Rd. Dublin	60	1	23	132	108	105	429	0.32
15-024	Dublin Pioneer Cemetery	156	0	79	158	165	129	687	0.51
15-025	Shell Gas Station- 11989 Dublin Blvd.	0	0	44	103	114	83	344	0.26
15-026	Dublin Blvd. Associates- 11555 Dublin Blvd.	71	101	100	243	324	222	1,061	0.79
15-027	Dublin Chevron- 7007 San Ramon Rd.	10	14	20	43	47	24	158	0.12
15-028	Mape Park- 11711 Mape Way	20	10	154	606	750	396	1,936	1.45
15-029	Frankie Johnnie & Luigi Too- 11981 Dublin Blvd.	41	38	36	50	47	47	259	0.19
15-030	St. Raymond Church.-11555 Shannon Ave.	89	135	164	579	619	382	1,968	1.47
15-031	Hexcel- 11711 Dublin Blvd.	3	6	116	451	602	528	1,706	1.28
15-032	San Ramon Road Median- 7100 San Ramon Rd.	92	14	44	291	260	163	864	0.65
15-033	Tract 8171-Sub Area 3 Dublin Ranch Offsite	655	247	70	179	163	277	1,591	1.19
15-034	Tract 8171- Sub Area 3 Dublin Ranch Onsite	365	265	91	1,153	1,357	691	3,922	2.93
16-001	Challenge Dairy- Heritage Park Office Building	3	43	73	93	83	68	363	0.27
16-002	San Ramon Road Median- 11989 Dublin Blvd.	0	9	22	51	174	166	422	0.32
16-003	Dolan park	103	55	245	1,799	1,714	891	4,807	3.60
16-004	Nielson Elementary School- 7500 Amarillo Rd.	8	0	231	1,181	1,421	1,054	3,895	2.91
16-005	Dublin Elementary School- 7997 Vomac	64	152	375	1,546	1,869	1,678	5,684	4.25
16-006	Tract 7515 Wallis Road Backbone	307	178	411	2,333	2,482	2,271	7,982	5.97

Lic#	NAME OF SITE	Jan/Feb	Mar/Apr	May/Jun	Jul/Aug	Sep/Oct	Nov/Dec	Total CCF	Total MG
16-007	Terrace Ridge- T7950 (6541 Terrace Ridge Ct.)	118	106	1	11	449	519	1,204	0.90
16-008	Church of Christ- 11873 Dublin Blvd.	0	2	1	6	3	15	27	0.02
16-009	Heritage Park- Residential	3	56	142	326	401	343	1,271	0.95
16-010	Kildara Homeowners Association	239	155	424	1,456	1,319	816	4,409	3.30
16-011	Dublin Place Shopping Center- Target	197	137	211	774	691	745	2,755	2.06
16-012	Town & Country Center- Lamp Plus Plaza	15	0	158	335	220	284	1,012	0.76
16-013	Shannon Park- 11600 Shannon Ave.	78	151	322	1,761	1,780	882	4,974	3.72
16-014	Shannon Community Center- 11600 Shannon Ave.	0	0	7	79	72	63	221	0.17
16-015	Public Storage-7420 San Ramon Rd.	0	1	0	321	145	140	607	0.45
16-016	Dublin Executive Center-11501 Dublin Blvd.	0	0	170	342	428	326	1,266	0.95
16-017	San Ramon Road Median- W.Vomac to Silvergate Dr.	0	33	83	340	521	383	1,360	1.02
16-018	San Ramon Road Median- Vomac to Alcosta	0	88	176	586	621	588	2,059	1.54
16-019	Amador Valley Blvd. Median- Village Pkwy to Stagecoach	38	108	102	497	594	494	1,833	1.37
16-020	Bella Vista Elementary School (Dougherty Valley Elementar	635	320	615	1,609	1,117	744	5,040	3.77
16-021	Dublin Valero - 7840 Amador Valley Blvd.	1	0	2	135	59	50	247	0.18
16-022	Dublin Transit Site A1- Tribeca	8	1	424	774	444	338	1,989	1.49
16-023	Walgreens- 11440 Windemere Pkwy	46	1	0	8	56	45	156	0.12
16-024	RA 1210 Dougherty Rd. Gale Ranch Ph4	570	413	602	695	560	726	3,566	2.67
16-025	RA 1208 Dougherty Rd. Gale Ranch Ph4	95	0	58	233	4	49	439	0.33
16-026	Tract 7711 Wallis Ranch N-1 Bridgecroft	190	138	386	638	1,040	1,064	3,456	2.59
16-027	Tract 7515 Wallis Ranch Clubhouse- 4203 Wallis Ranch Dr.	40	0	109	655	630	435	1,869	1.40
16-028	Tract 7714 Wallis Ranch N-4 Citron	45	43	133	209	436	498	1,364	1.02
16-029	Tract 8169 Wallis Ranch N-8 Fielding	164	202	76	337	646	980	2,405	1.80
16-030	THE TERRACES AT DUBLIN RANCH	51	21	309	1,047	1,078	905	3,411	2.55
17-001	Tract 7515 Fallon Rd. Median- Fallon Rd fr. Tassajara Rd to	293	299	79	118	219	158	1,166	0.87
17-002	Tract 8170 Wallis Ranch N-7 Driftsong	51	16	101	257	126	176	727	0.54

Lic#	NAME OF SITE	Jan/Feb	Mar/Apr	May/Jun	Jul/Aug	Sep/Oct	Nov/Dec	Total CCF	Total MG
17-003	East County Hall of Justice- 5149 Gleason Dr.	496	647	1,243	1,439	1,584	1,594	7,003	5.24
17-004	Jordan Ranch Neighborhood Park- 4299 Jordan Ranch Dr.	928	287	863	2,357	2,332	1,135	7,902	5.91
17-005	Dougherty Road Improvements- Sierra Lane to North City Li	844	223	379	811	2,279	786	5,322	3.98
17-006	PA 0042 & PA 0044- Mosaic Linear Park 1365 Bayberry Vie	87	93	336	698	502	345	2,061	1.54
17-007	PA 0043 Linear Park- 5051 Rowen Dr. San Ramon	175	183	194	640	673	299	2,164	1.62
18-001	Sean Diamond Park- 4801 La Strada Dr.	0	308	1,191	2,359	2,001	1,099	6,958	5.20
18-002	ALOFT Hotel Dublin- 4075 Grafton Station	0	0	0	53	162	102	317	0.24
18-003	Tract 8133- Tassajara Highlands	0	0	0	77	513	246	836	0.63
18-004	Dublin E5 School - 2400 Central Parkway	0	0	0	0	6	6	12	0.01
18-005	Tract 8102- Tassajara Hills Offsite	0	0	0	0	0	122	122	0.09
18-006	Tract 7712 Wallis Ranch N-2 Barnwell	0	0	0	0	426	542	968	0.72
18-007	Tract 8150 Boulevard Phase 1	0	0	0	0	0	167	167	0.12
constr	Temporary Construction Meters using RW	2,613	690	1,063	2,459	2,473	1,031	10,329	7.73
FSL	FSL recycled water meters - LIC 06-138	0	18	0	99	297	85	499	0.37
		35,265	39,764	121,577	382,871	359,850	224,844	1,164,171	870.80



Dublin San Ramon Services District
Water, wastewater, recycled water

Application Type	No. of Sites	Area (Acres)	Amount Distributed (MG)	% of Total Reuse Flow
<u>LANDSCAPE IRRIGATION</u>				
Commercial/Other Greenbelts	90	186.90	183.77	21.35%
Golf Course	1	48.21	60.42	7.02%
Homeowners Association	24	62.68	58.32	6.77%
Park/Open Space	47	237.00	211.48	24.56%
Schools	22	132.56	89.48	10.39%
Streetscape/Median Greenbelts	135	272.93	257.45	29.90%
	319*	940.28	860.93	100.00%
<u>INDUSTRIAL</u>				
Commercial Uses	1	00.00	2.14	17.60%
Temporary Construction Meters	29	00.00	8.45	69.49%
Commercial Fill Station	30	00.00	1.57	12.91%
	86	00.00	12.16	100.00%

*Includes only sites with consumption in 2018.



**Dublin San Ramon
Services District**

Water, wastewater, recycled water

Attachment E - Table 3

Clean Water Program

List of New Authorized Recycled Water Users Licensed in 2018

Lic#	NAME OF SITE	CUSTOMER	APPLICATION TYPE	SOURCE	PROJECTED ANNUAL FLOW (AF/YR)
18-001	Sean Diamond Park- 4801 La Strada Dr.	City of Dublin	Park/OpenSpace	DSRSD	14.97
18-002	ALOFT Hotel Dublin- 4075 Grafton Station	Zen Dublin, LLC	Commercial/Other Greenbelts	DSRSD	0.32
18-003	Tract 8133- Tassajara Highlands	Tim Lewis Communities	Homeowners Association	DSRSD	2.94
18-004	Dublin E5 School - 2400 Central Parkway	Dublin Unified School District	School	DSRSD	6.00
18-005	Tract 8102- Tassajara Hills Offsite	Toll Brothers	Streetscape/Median Greenbelts	DSRSD	1.70
18-006	Tract 7712 Wallis Ranch N-2 Barnwell	Wallis Ranch Owners Association	Homeowners Association	DSRSD	1.61
18-007	Tract 8150 Boulevard Phase 1	Brookfield Homes	Streetscape/Median Greenbelts	DSRSD	0.33
18-008	Lot3 Dublin Ranch- Westport Village	Lennar Homes	Homeowners Association	DSRSD	35.00
18-009	Perch@Downtown Dublin- Tract 8295	Trumark Homes	Homeowners Association	DSRSD	2.29
Total Projected Annual Flow (AF/Yr)					65.16



Results from User's Recycled Water Self-Monitoring Reports

Attachment E - Table 4: Results from User's Recycled Water Self-Monitoring Reports

Standard Observations	Sites reported violations	When Deficiencies were corrected	How Deficiencies were corrected
a. Evidence of runoff of recycled water from the site	24	After and During Self Monitoring Inspections	Adjust Nozzles, Replace broken heads
b. Odor of wastewater origin from irrigation site	0	No Correction was done Odor Dissipated	Odor is probably due to system being off for a long period of time prior to inspection
c. Evidence of ponding of recycled water, and evidence of mosquitos breeding within the irrigation area due to ponded water	0	After and During Self Monitoring Inspections	Adjusted irrigation schedule, Replaced with smaller emitters, installed drainage area.
d. Warning signs properly posted to inform public that irrigation or water use is recycled water and is not safe for drinking	11	After and During Self Monitoring Inspections	New signs were purchased and installed according to standard.
e. Evidence of leaks or breaks in the irrigation system pipelines or tubing	30	After and During Self Monitoring Inspections	Repaired main line breaks, leaks and pipelines as seen fit.
f. Evidence of broken, or otherwise faulty drip irrigation system emitters or spray irrigation sprinklers	31	After and During Self Monitoring Inspections	Replaced broken heads and emitters
g. Evidence of overflows, leaks, erosions of dikes, etc. of storage pond(s) or impoundment(s)	0	No Correction was done	No correction was done.



Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Recycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
05-114	Bank of America, 4250 Dublin Blvd.- Dublin, Ca	Commercial/Other Greenbelts	4/13/2018	1, 4, 5	Install sign, repair breaks/leaks, adjust overspray
04-102	Bellingham Square Park- San Ramon	Park/OpenSpace	4/23/2018	2,4,5	Repair broken head to reduce runoff, reduce time to eliminate ponding
06-131	Creekside Park PA 0010- San Ramon, Ca	Park/OpenSpace	4/23/2018	1,4,5	Replace missing sign; repair breaks to prevent runoff
07-108	Fire Truck Park - 2070 Arlington Way (San Ramon)	Park/OpenSpace	4/23/2018	5	Repaired broken lateral line
12-007	Alamo Creek Park- Dublin, Ca	Park/OpenSpace	4/24/2018	2, 4	Fix Ponding issue, repair breaks and leaks
08-005	Area F-Park (Piazza Sorrento Park)	Park/OpenSpace	4/25/2018	4	repair breaks/leaks
11-011	RA 1245 - Bayberry View Lane- San Ramon, Ca	Streetscape/Median Greenbelts	4/25/2018	4	Repaired breaks
14-018	RA 1168- Dougherty Rd. Gale Ranch Phase 4	Streetscape/Median Greenbelts	4/25/2018	2	Repaired breaks
16-024	RA 1210 Dougherty Rd. Gale Ranch Ph4	Streetscape/Median Greenbelts	4/25/2018	None	
16-025	RA 1208 Dougherty Rd. Gale Ranch Ph4	Streetscape/Median Greenbelts	4/25/2018	4,5	Repaired breaks causing runoff
12-005	Jordan Ranch Phase 1 Onsite HOA- Dublin, CA	Commercial/Other Greenbelts	4/30/2018	4	Repaired leaky solenoid
14-028	Jordan Ranch Phase 4 Trail and Open Space	Park/OpenSpace	4/30/2018	4	Repaired the breaks
14-029	Jordan Ranch Phase 4- Tracts 8140, 8141 & 8142 (Preserve @ Jordan Ranch)	Homeowners Association	4/30/2018	2	Adjusted spray to reduce overspray
04-133	Bray Commons Park- 3300 Finnian Way	Park/OpenSpace	5/1/2018	1, 4, 5	Install Signs, repair breaks/leaks, adjust overspray

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Recycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
05-106	Hidden Crest Park- Asterbell Dr., San Ramon	Park/OpenSpace	5/1/2018	4,5	Repaired broken sprayheads and adjusted spray pattern
05-113	Valley View Park - Monarch & Star Jasmine, San Ramon	Park/OpenSpace	5/1/2018	2,3,4,5	Adjusted spray heads away from sidewalks and benches, repaired broken rotor
07-103	Monarch Park- 8502 N. Monarch Rd., San Ramon	Park/OpenSpace	5/1/2018	1,2,3	Replaced faded sign, adjusted heads away from hardtop and tables, reduced time on clock to reduce ponding
12-009	Kolb Park- Dublin, Ca	Park/OpenSpace	5/3/2018	1, 4, 5	Install signs, repair breaks/leaks, adjust runoff/overspray
02-101	Emerald Point Bldg. A- Streetscape	Commercial/Other Greenbelts	5/4/2018	2,3	Adjusted sprays to avoid runoff and to avoid hitting benches
02-114	Emerald Pointe Bldg. B & C	Commercial/Other Greenbelts	5/4/2018	2,3,4	Adjusted sprays to avoid runoff and to avoid hitting benches, repaired broken heads
07-006	Dougherty Hills Dog Park	Park/OpenSpace	5/4/2018	2	Adjust overspray
12-008	Stagecoach Park- Dublin, Ca	Park/OpenSpace	5/4/2018	4, 5	adjust overspray and runoff, repair breaks/leaks
06-100	Sherwood Pocket Park- 5389 Sherwood Way., San Ramon	Park/OpenSpace	5/8/2018	3,4	Adjust heads away from tables and repair marlex break
08-003	Ramona Park - 6330 Murdock Way, San Ramon	Park/OpenSpace	5/8/2018	2,3,4,5	Repaired broken head, adjusted heads away from tables and benches
10-001	Six Pillars Park- PA 025 12219 Windemere Pkwy., San Ramon	Park/OpenSpace	5/8/2018	1,3,4,5	Replaced faded big sign, adjusted heads away from benches, fixed breaks
11-002	Mosaic Park -PA0021 2651 Cypress., San Ramon	Park/OpenSpace	5/8/2018	1,2,3,4,5	Replaced signs; Adjusted rotors to avoid tables and benches, fixed breaks and adjusted heads away from hardtop
03-124	Westport Way Park (a.k.a) Dublin Green- Dublin, Ca	Park/OpenSpace	5/9/2018	None	
05-105	Neighborhood 01 Tract 7984	Streetscape/Median Greenbelts	5/11/2018	1,2,4,5	Replaced signs, repaired breaks

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Recycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
06-126	Neighborhood 04- Tract 8690	Streetscape/Median Greenbelts	5/11/2018	1,2,4,5	Replaced signs, repaired breaks
15-028	Mape Park- 11711 Mape Way	Park/OpenSpace	5/11/2018	1, 2, 4, 5	Install missing sign, adjust overspray and runoff, repair leaks/breaks
08-001	Ulfert Shopping Center- Dublin, Ca	Commercial/Other Greenbelts	5/14/2018	1,2,4,5	Replace faded signs, adjust overspray, runoff, repair breaks/leaks
13-006	Springfield Montessori School- Dublin	School	5/14/2018	2,4	Adjusted heads to avoid overspray and repaired breaks
15-001	Fallon Gateway Chevron CarWash 2760 Dublin Blvd- Irrigation	Commercial/Other Greenbelts	5/14/2018	4	Repaired drip break
15-001A	Fallon Gateway Chevron Car Wash 2760 Dublin Blvd - CarWash	Commercial/Other Greenbelts	5/14/2018	1	Installed signage on backflow and on exposed pipelines
07-007	San Ramon Sports Park- 5261 Sherwood Way, San Ramon	Park/OpenSpace	5/15/2018	1,3,4,5	Replaced faded big sign, adjusted heads away from tables, fixed breaks
06-142	RA 1135-North Monarch Road, San Ramon	Streetscape/Median Greenbelts	5/16/2018	1,2,4,5	Replaced signs, repaired breaks; adjusted sprayhead to water hardscape
10-009	Neighborhood 05-Subdivision 8699- San Ramon, Ca	Streetscape/Median Greenbelts	5/16/2018	1,2,4,5	Replaced signs, repaired breaks; adjusted sprayhead range
05-104	Tract 8714- Village 22- San Ramon	Streetscape/Median Greenbelts	5/17/2018	1,2,4,5	Replaced signs, and adjusted spray range, repaired breaks
05-116	Tract 8712- Village 20- San Ramon	Streetscape/Median Greenbelts	5/17/2018	1,2,4,5	Replaced signs, and adjusted spray range, repaired breaks
05-117	Tract 8713- Village 21- San Ramon	Streetscape/Median Greenbelts	5/17/2018	1,4,5	Replaced signs, and adjusted spray range, repaired breaks
14-019	Dublin Toyota- Dublin	Commercial/Other Greenbelts	5/21/2018	2,3,4,5	Adjusted heads to prevent overspray onto hardscape and cars and runoff, fixed breaks
04-130	Dublin Ranch Golf Course- Dublin, Ca	Golf Course	5/23/2018	1,2,4,5	Replaced signage, adjusted heads to prevent overspray and runoff, fixed breaks

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Recycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
06-130	Neighborhood 15-Rosegarden- Tract 8686	Streetscape/Median Greenbelts	5/24/2018	1,2,4,5	Replaced signs, repaired breaks; adjusted sprayhead range
05-112	RA 1103-Dougherty Rd., -San Ramon	Streetscape/Median Greenbelts	5/25/2018	1,4,5	Replaced signs, repaired breaks; adjusted sprayhead range
16-003	Dolan park- 11651 Padre Way	Park/OpenSpace	5/25/2018	4,5	adjust runoff, repair leaks/breaks
05-115	Limerick Park (a.k.a. Creekview Park)	Park/OpenSpace	5/28/2018	2,3,4,5	Adjusted heads away from tables and benches; repaired equipment and adjusted heads
05-123	Souyen Park - 1548 Watermill Rd., San Ramon	Park/OpenSpace	5/29/2018	1,2,3	Replaced signs, and redirected sprayheads away from tennis courts, tables, and overspray
07-107	Arlington Park at Windemere-3735 Knightbridge wy. (San Ramon)	Park/OpenSpace	5/29/2018	1	Replaced missing decals
04-127	RA 1102- Windemere Backbone Phase 1A- San Ramon	Streetscape/Median Greenbelts	5/31/2018	2,4,5	Repaired breaks, adjusted heads
05-118	RA 1130- Ambridge in Windemere-San Ramon	Streetscape/Median Greenbelts	5/31/2018	1,4,5	Replaced signs, repaired breaks; adjusted sprayhead range
06-135	RA 1122- Bollinger Canyon Road- San Ramon	Streetscape/Median Greenbelts	5/31/2018	1,2,4,5	Replaced signs, repaired breaks; adjusted sprayhead range
08-020	Dublin Neighborhood Square Park (Devaney Park)	Park/OpenSpace	6/1/2018	4, 5	Repair breaks/leaks, adjust overspray
15-024	Dublin Pioneer Cemetery	Park/OpenSpace	6/1/2018	4	Repair leaks/breaks
07-122	Dougherty Valley High School- San Ramon, Ca	School	6/4/2018	2,4,5	Repaired the breaks, adjusted spray patterns
08-004	Venture Commerce Center- Dublin, Ca	Commercial/Other Greenbelts	6/5/2018	1, 2, 4	replace sings, caps, repair breaks/leaks, correct ponding
13-009	Passatempo Park-3150 Palermo Way, Dublin	Park/OpenSpace	6/6/2018	2, 4	repair breaks/leaks, adjust overspray

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Reycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
15-020	Dublin Historic/Heritage Park- 11759 Dublin Blvd.	Commercial/Other Greenbelts	6/6/2018	5	Adjust runoff -over saturated
13-002	Positano Hills Park- Dublin	Park/OpenSpace	6/8/2018	2, 4	adjust overspray, repair leaks/breaks
04-131	Hidden Hills Elementary School- Harcourt & Albion, San Ramon	School	6/15/2018	1,3	Replaced faded decal and adjusted rotor away from tables
06-107	Windemere Ranch Middle School- 11611 E. Branch., San Ramon	School	6/15/2018	2,4	Repaired broken heads and realigned heads
06-122	Quail Run Elementary School- 400 Goldenbay Ave., San Ramon	School	6/15/2018	1,4	Replaced signage and repaired broken equipment
07-121	Live Oak Elementary School- 5151 Sherwood Wy, San Ramon	School	6/15/2018	4	Repaired breaks
08-030	Gale Ranch Middle School- Sports field Bollinger & Main Branch, San Ramon	School	6/15/2018	None	
16-020	Bella Vista Elementary School (Dougherty Valley Elementary School)	School	6/15/2018	2, 5	Repair weeping valve, adjust runoff from overwatering
16-013	Shannon Park- 11600 Shannon Ave.	Park/OpenSpace	6/19/2018	2, 4	Adjust overspray, repair breaks/leaks
16-014	Shannon Community Center- 11600 Shannon Ave.	Commercial/Other Greenbelts	6/19/2018	4	repair breaks
02-110	Dublin Sports Ground- 6700 Dublin Blvd	Park/OpenSpace	6/20/2018	2, 4, 5	Adjust overspray and runoff, repair breaks and leaks
07-119	Ted Fairfield Park- 3400 Antone Way, Dublin	Park/OpenSpace	6/20/2018	2,4,5	adjust heads away from tables/repair broken heads and nozzles/fix break to avoid runoff
13-003	Goddard School-San Ramon, Ca	School	6/25/2018	4	Repair breaks and leaks
06-133	Dougherty Elementary School- Dublin, Ca	School	6/26/2018	1, 4, 5	replace missing filters, repair breaks/leaks, adjust overspray
06-102	Dougherty Valley Community Center & Library	Commercial/Other Greenbelts	6/27/2018	4,5	Repaired broken lateral line, adjust overspray

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Recycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
14-025	Amador Lakes Apartments	Homeowners Association	6/28/2018	4	Repaired breaks
16-005	Dublin Elementary School- 7997 Vomac	School	6/28/2018	2, 4	adjust overspray, repair breaks/leaks
08-002	Dublin Civic Center and Library	Commercial/Other Greenbelts	6/29/2018	4, 5	Repair breaks/leaks, adjust overspray and runoff
16-017	San Ramon Road Median- W.Vomac to Silvergate Dr.	Streetscape/Median Greenbelts	7/3/2018	4, 5	Repair leaks/breaks
16-018	San Ramon Road Median- Vomac to Alcosta	Streetscape/Median Greenbelts	7/3/2018	4	Repair leaks/breaks
14-017	Rancho Park- San Ramon	Park/OpenSpace	7/10/2018	2,3,4,5	Repaired broken head, adjusted heads away from benches and onto landscape
07-001	Tract 8775- Village 34- San Ramon	Streetscape/Median Greenbelts	7/12/2018	1,2,4,5	Replaced signs and adjusted spun heads, repaired breaks
09-001	Tract 8924- Village 40- San Ramon	Streetscape/Median Greenbelts	7/12/2018	1,2,4,5	Replaced signs and adjusted spun heads, repaired breaks
09-003	Tract 8717- Village 25- San Ramon	Streetscape/Median Greenbelts	7/12/2018	1,2,4,5	Replaced signs and adjusted spun heads, repaired breaks
05-100	RA 1142- Windemere Backbone Phase 2- San Ramon	Streetscape/Median Greenbelts	7/19/2018	1,4	Replaced signs, fix breaks/leaks
05-119	RA 1123- Windemere Backbone Section 1B- San Ramon	Streetscape/Median Greenbelts	7/19/2018	1, 4	Replace signs, Repair leaks/breaks
08-024	RA 1175 -Windemere Ph5B Backbone- San Ramon	Streetscape/Median Greenbelts	7/19/2018	1,4,5	Replace signs and repair breaks
09-005	Tract 8929- Village 45- San Ramon	Streetscape/Median Greenbelts	7/19/2018	1,4	Replaced signs and repaired breaks
11-010	Tract 8306-Gale Ranch Phase 3- San Ramon, Ca	Streetscape/Median Greenbelts	7/19/2018	1, 4	Replace signs, Repair leaks/breaks
08-009	Fallon Middle School- 3601 Kohnen Way, Dublin, Ca	School	7/20/2018	2, 4	adjust overspray, repair breaks/leaks

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Reycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
13-005	Frederiksen Elementary School- Dublin, Ca	School	7/23/2018	None	
05-131	Tract 8715- Village 23- San Ramon	Streetscape/Median Greenbelts	7/24/2018	1, 4	Replace signs, Repair leaks/breaks
12-011	Murray Elementary School- Dublin, Ca	School	7/25/2018	2,4	Adjust overspray, repair breaks/leaks
16-004	Nielson Elementary School- 7500 Amarillo Rd.	School	7/26/2018	4	Repair leaks/breaks
12-010	Wells Middle School/Cronin Park- Dublin, Ca	School	7/27/2018	2, 4	adjust overspray, repair breaks/leaks
11-005	Kolb Elementary School- Dublin, Ca	School	7/31/2018	1, 2, 4	replace signs, adjust overspray, repair breaks/leaks
08-010	John Green Elementary School- Dublin, Ca	School	8/2/2018	2, 4	Adjust overspay, repair breaks/leaks
09-012	PM 7893- Demarcus Blvd. & PM 8275 Street Improvement plans	Streetscape/Median Greenbelts	8/7/2018	1	Replace 11 faded sings.
02-113	Tri-Valley SPCA	Commercial/Other Greenbelts	8/8/2018	1, 4, 5	replace missing valve tags, repair breaks/leaks, adjust overspray
15-007	JM Amador Elementary- 2100 E Cantara Dr. Dublin	School	8/9/2018	2,4	Adjust overspray, Repair leaks/breaks
14-009	Dublin High School- 8151 VILLAGE PKWY	School	8/10/2018	2,4	Adjust heads and repair breaks
05-109	Tract 8716- Village 24- San Ramon	Streetscape/Median Greenbelts	8/14/2018	1,2,4,5	Repair breaks and leaks to reduce runoff and overspray and replace signs
08-016	Tract 8774- Village 33 Sherwood and Baker Way	Streetscape/Median Greenbelts	8/14/2018	1,2,4,5	Replace signage, adjust heads to reduce overspray, repair leaks and breaks
11-001	Neighborhood 03- Tract 8970 - San Ramon, Ca	Streetscape/Median Greenbelts	8/15/2018	4	repair breaks/leaks

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Recycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
12-001	Tract 8952- Gale Ranch Phase 3- San Ramon, Ca	Streetscape/Median Greenbelts	8/15/2018	1, 4, 5	Replaced missing/faded signs, adjust spray to reduce overspray and fix repairs/breaks to reduce runoff
08-023	Tract 8928- Village 44 E.Branch-Arlington , Montrose-Edgeware, Knightbridge	Streetscape/Median Greenbelts	8/22/2018	1, 2, 4, 5	Replace signage, adjust heads to reduce overspray, repair leaks and breaks
09-009	Tract 9142- Village 47- San Ramon, Ca	Streetscape/Median Greenbelts	8/24/2018	1,2,4,5	Replace signage, adjust heads to reduce overspray, repair leaks and breaks
09-010	Tract 9143- Village 48-San Ramon, Ca	Streetscape/Median Greenbelts	8/24/2018	1, 5	Replace signs, Repair leaks/breaks
09-014	Tract 9144- Village 49 - San Ramon, Ca	Streetscape/Median Greenbelts	8/24/2018	2,4,5	Adjust overspray, repair leaks and breaks to minimize runoff
12-012	Crossroads@Emerald Vista	Commercial/Other Greenbelts	8/28/2018	2, 4	Adjust overspray, repair leaks, breaks
07-002	Tract 8776- Village 35 -San Ramon	Streetscape/Median Greenbelts	8/30/2018	1, 2, 4, 5	Replaced signs, repair breaks/leaks and adjust to minimize runoff and overspray
08-008	Tract 8777- Village 36- San Ramon	Streetscape/Median Greenbelts	8/30/2018	1,2,4,5	Repair breaks and leaks to reduce runoff and overspray and replace signs
06-101	Canyon Oaks Apartments (Branch Creek Place) San Ramon	Commercial/Other Greenbelts	9/6/2018	1, 4	install missing signs, repair leaks/breaks
06-139	WWTP 7399 Johnson Drive	Commercial/Other Greenbelts	9/14/2018	2, 4	repair break, adjust overspray
07-105	DSRSD Pump Station 300C (San Ramon)	Commercial/Other Greenbelts	9/14/2018	None	
11-008	DSRSD Pump Station 300B	Commercial/Other Greenbelts	9/14/2018	4	Repair leaks and breaks
14-021	Dublin Ranch Pedestrian Pathway	Park/OpenSpace	9/18/2018	1	Replace missing purple caps
FSL	FSL recycled water meters - LIC 06-138	Commercial/Other Greenbelts	9/20/2018	1,4,5	Replace missing signs/valve tags, repair leaks/breaks, adjust runoff
04-126	East Branch Park- Harcourt & Pemberton, San Ramon	Park/OpenSpace	9/26/2018	5	Adjusted nozzles to reduce runoff

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Recycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
05-102	Hidden Valley Park-10820 Albion Rd., San Ramon	Park/OpenSpace	9/26/2018	4	Repaired breaks
10-008	PA0040 Bark and Ride- San Ramon	Park/OpenSpace	9/26/2018	1,4	Replaced signage, repaired broken equipment
10-006	Fallon Sports Park- 4605 Lockhart Street, Dublin	Park/OpenSpace	9/28/2018	1, 2, 4, 5	replace signs, adjust overspray and runoff, repair leaks/breaks
06-137	Diablo Valley College- San Ramon, Ca	School	9/29/2018	4, 5	repair breaks/leaks, adjust overspray
05-134	RA 1094- South Bollinger Canyon Rd. (Phase 1A Backbone)	Streetscape/Median Greenbelts	10/3/2018	1,4	Replace signage and repair breaks
09-004	Tract 8930- Village 46- San Ramon	Streetscape/Median Greenbelts	10/3/2018	1,4,5	Replace signage and repair breaks to reduce runoff
05-148	Feathermint Open Space- Neighborhoods 2A/8 Open space (PA0007 & PA0011)	Streetscape/Median Greenbelts	10/4/2018	1,3	Replaced signage and repaired breaks
08-028	Tract 7282-SONATA- Dublin, Ca	Streetscape/Median Greenbelts	10/4/2018	1,2,4	Replace signs, adjust overspray, repair breaks and leaks
09-015	PA 19 open space Gale ranch ph3- San Ramon	Streetscape/Median Greenbelts	10/4/2018	4	Repaired breaks
05-143	RA 1137- Windemere Phase 4 Backbone- San Ramon	Streetscape/Median Greenbelts	10/5/2018	1,4,5	Replace signage and repair breaks to reduce runoff
06-110	Mill Creek Apartments (Branch Creek Place) - San Ramon, Ca	Commercial/Other Greenbelts	10/5/2018	1,2,4	replace tags, repair breaks/leaks, adjust overspray
05-110	RA 1124- Watermill Rd.- San Ramon	Streetscape/Median Greenbelts	10/10/2018	1, 5	Replace sign, Repair leaks/breaks
05-111	Neighborhood 02B- Tract 8688 (San Ramon)	Streetscape/Median Greenbelts	10/10/2018	1, 5	Replace signs and fix breaks
10-003	Tract 8925- Village 41- San Ramon	Streetscape/Median Greenbelts	10/10/2018	4	Repair leaks/breaks
10-005	RA 1138- South Monarch Rd. -San Ramon	Streetscape/Median Greenbelts	10/10/2018	1, 5	Replace sign, Repair leaks/breaks

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Reycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
14-013	Fallon Crossings Common Area and Vineyard	Homeowners Association	10/12/2018	4, 5	Repaired drip breaks, adjust runoff
16-023	Walgreens- 11440 Windemere Pkwy	Commercial/Other Greenbelts	10/12/2018	1	Place missing signs
12-013	Wexford Way and Emerald Vista Apartments- Dublin	Commercial/Other Greenbelts	10/18/2018	4, 5	repair breaks/leaks, adjust overspray and runoff
14-003	Jordan Ranch Phase 4 Central Parkway HOA	Homeowners Association	10/18/2018	None	
15-016	Jordan Ranch Phase 2 Neighborhood 3 - Capri Tract 8179	Homeowners Association	10/18/2018	2, 5	Adjust rotors, adjust runoff
02-104	Emerald Glen Park (including Wave)	Park/OpenSpace	10/19/2018	1, 4, 5	replace missing signs, repair breaks/leaks, adjust overspray
05-149	Emerald Glen Park - Phase 3	Park/OpenSpace	10/19/2018	1, 4, 5	replace missing signs, repair breaks/leaks, adjust overspray
13-010	RA 1246-Barrenstar Way	Streetscape/Median Greenbelts	10/24/2018	1, 4	Replace signs, Repair leaks/breaks
03-121	Summer Glen of Dublin- Dublin, Ca	Commercial/Other Greenbelts	10/26/2018	2, 4, 5	Adjust overspray, runoff. Repair breaks/leaks
15-008	Jordan Ranch Neighborhood 6 Tract 8197 & 8198	Streetscape/Median Greenbelts	11/2/2018	4	Repair leaks/breaks
15-010	Alameda County G.S.A K-9 Training Area	Park/OpenSpace	11/7/2018	1, 4	Install signs, repair nonworking rotors
02-116	Waterford Place - Safeway Shopping Center @ Tassajara Rd.	Commercial/Other Greenbelts	11/9/2018	4	Repair breaks/leaks
07-113	Campbell Green Park (aka Avalon Dublin Station-Demarcus Blvd.)	Park/OpenSpace	11/12/2018	2, 4	Adjust overspray, repair breaks/leaks
09-007	Seville at Gale Ranch -San Ramon, Ca	Commercial/Other Greenbelts	11/12/2018	2, 4	Adjust overspray, Repair leaks/breaks
11-012	Silvera Ranch Phase 4- Tract 7540 Bella Monte Dublin, Ca	Homeowners Association	11/16/2018	1	Replace sign
14-027	Silvera Ranch Phase 1- Tract 7441	Homeowners Association	11/16/2018	4	Repair leaks/breaks

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment E - Table 5
Summary of Violations Found During Site Inspections and Corrective Actions Taken

License No.	Reycled Water Users	Site Application	Date Inspected	Violations	Corrective Actions Taken
15-019	Jordan Ranch Phase 4- Trio Tract 8154, 8155	Commercial/Other Greenbelts	11/20/2018	1, 5	Replace sign and adjust heads
15-009	Esprit At Dublin Station- 5584 Dublin Blvd.	Commercial/Other Greenbelts	12/14/2018	4, 5	Repair leaks/breaks, adjust runoff
09-013	South Dougherty Road Widening- San Ramon	Streetscape/Median Greenbelts	12/21/2018	5	Adjust overspray to control runoff
15-033	Tract 8171-Sub Area 3 Dublin Ranch Offsite	Commercial/Other Greenbelts	12/28/2018	4	Repair leaks/breaks
15-034	Tract 8171- Sub Area 3 Dublin Ranch Onsite	Homeowners Association	12/28/2018	4	Repair leaks/breaks

Violation Codes: **1 - signs/valve tags missing** **2 - ponding/overspray** **3 - direct spray** **4 - leaks/breaks** **5 - runoff** **6 - cross connection**

Attachment F

EBMUD Recycled Water Customer Information and Compliance Summary

- Table 1 - Tabular Summary of Recycled Water Use by Billing Period by Each User
- Table 2 - Results from Users' Self-Monitoring Reports (pending)
- Table 3 - Summary of Violations Found During Site Inspections and Corrective Actions Taken (pending)

**San Ramon Valley Recycled Water Program
EBMUD Recycled Water Use Customers
Irrigation Site Location**

Attachment F - Table 1

Service	Site Name	Service Address	In-Service Date	Date of Annual Inspection	Observations From Annual Inspection
5057569	Cedar Bridge HOA	8850 N Gale Ridge Rd.	2/15/06		
5057677	East Hampton HOA	2 Elmwood	4/10/06		
5058599	San Ramon, City of - greenbelt	8901 N Gale Ridge Rd.	2/9/06		
5058600	San Ramon, City of - greenbelt	8988 N Gale Ridge Rd.	2/15/06		
5058601	San Ramon, City of - greenbelt	8998 N Gale Ridge Rd.	2/15/06		
5059597	San Ramon, City of - greenbelt	10501 Bollinger Canyon Rd.	5/24/06		
5059276	San Ramon, City of - greenbelt	296 Shavano	4/10/06		
5059277	San Ramon, City of - greenbelt	9098 Alcosta	3/15/06		
5059278	San Ramon, City of - greenbelt	9275 Alcosta	3/21/06		
5060006	San Ramon, City of - greenbelt	9101 Alcosta	8/24/06		
5057567	San Ramon, City of - greenbelt	3022 Summit View	3/16/06		
5057566	San Ramon, City of - greenbelt	4000 Summit View Dr.	3/16/06		
5059188	San Ramon, City of - greenbelt	700 Stoney Creek	3/16/06		
5057565	San Ramon, City of - greenbelt	1042 Stoney Creek	3/16/06		
5057568	San Ramon, City of - greenbelt	465 Old Ranch Rd.	3/16/06		
5060906	San Ramon, City of - greenbelt	3200 Montevideo Drive	11/8/06		
5060905	San Ramon, City of - greenbelt	3201 Montevideo Drive	11/8/06		
5061113	San Ramon, City of - greenbelt	3351 Bollinger Canyon Rd.	2/20/07		
5060907	San Ramon, City of - Athan Downs Park	2964 Ascot Dr.	3/7/07		
5058923	San Ramon, City of - Boone Acres Park	9714 Davona Dr.	9/12/07		
5058853	San Ramon, City of - Inverness Park	2961 Ascot Dr.	3/9/06		
5058851		555 Burns Cir.	3/9/06		
5058852		625 Lemond Cir.	3/9/06		
5059279	San Ramon, City of - Sr Center Park & Grdns	9300 Alcosta Blvd.	6/15/09		
5058922	San Ramon, City of - Village Green Park	232 Triana Way	3/16/06		
5058921	Shapell Industries - Driving Range	9021 S Gale Ridge Rd.	7/6/06		
5058850	Shapell Industries - Golf Course Clubhouse	9002 S Gale Ridge Rd.	2/15/06		
5058598	San Ramon, City of - Shapell Greenbelt	8709 N Gale Ridge Rd.	2/9/06		
5059621	Shapell Industries - Golf Course	10503 Bollinger Canyon Rd.	12/12/06		
5059629	Shapell Industries - Golf Course	10505 Bollinger Canyon Rd.	12/12/06		

**San Ramon Valley Recycled Water Program
EBMUD Recycled Water Use Customers
Irrigation Site Location**

Attachment F - Table 1

Service	Site Name	Service Address	In-Service Date	Date of Annual Inspection	Observations From Annual Inspection
5060005	SRVUSD - California High School	9870 Broadmoor Dr.	8/31/06		
5059285	SRVUSD/City of SR - Country Club Sch/Park	7534 Blue Fox Way	6/9/06		
5058597	SRVUSD/City of SR - Coyote Creek School/Park	8700 N Gale Ridge Rd.	1/16/06		
5059286	SRVUSD/City of SR - Montevideo Sch/Park	13000 Broadmoor Dr.	4/12/06		
5057570	ROIC California, LLC	9142 Alcosta Blvd.	4/10/06		
5059280	The Seasons Apartments	9003 Kimball Ave.	8/4/06		
5058920	Vintage Senior Mgmt	9199 Fircrest Lane	11/3/06		
5060982	Vintner HOA	9005 Alcosta Blvd.	5/2/07		
5060004	Chevron	6001 Bollinger Canyon Rd.	8/1/10		
5060550	SRVUSD/City of SR-Walt Disney Sch/Park	3250 Pine Valley Rd.	5/16/11		
5065372	SRVUSD/City of SR-Pine Valley Mid Sch/Park	3000 Pine Valley Rd.	4/22/11		
5065419	SRVUSD/City of SR-Neil Armstrong Sch/Park	2849 Calais Dr.	5/14/11		
6450873	San Ramon, City of - greenbelt	581 Fallen Leaf Cir.	11/22/11		
00591369	San Ramon, City of - Streetscape	3073 N Chanterella Dr	12/3/13		
5058600	San Ramon, City of - greenbelt	8988 N Gale Ridge Rd.	2/15/06		
6025460	SRVUSD/City of SR - Iron Horse Mid Sch/Park	12617 Alcosta Blvd.	9/7/16		
6025440	San Ramon, City of - Iron Horse Mid Sch C09A	12601 Alcosta Blvd	10/21/16		
6025442	Bishop Ranch 15	12677 Alcosta Blvd#REC	10/27/17		
6026600	AT&T - Bishop Dr	2600 Camino Ramon	10/20/17		
6032484	AT&T - Executive Pkwy	2600 Camino Ramon	10/20/17		
6032520	AT&T - Camino Ramon	2600 Camino Ramon	10/20/17		
6034260	San Ramon, City of - Central Park	6640 Bollinger Canyon Rd	11/28/16		
6037780	San Ramon, City of - greenbelt	7301 Bollinger Canyon Rd	11/28/17		
6037781	San Ramon, City of - greenbelt	9052 S Gale Ridge Rd	7/28/17		
6037782	San Ramon, City of - greenbelt	5101 Lilac Ridge RD #REC	11/9/17		
6037783	San Ramon, City of - greenbelt	90 Alisma Ct	4/13/17		
6037800	San Ramon, City of - greenbelt	200 Aspenwood Ct	9/28/17		
6037801	San Ramon, City of - greenbelt	10003 Bollinger Canyon Rd	11/29/17		
6037802	San Ramon, City of - Streetscape	3100 N Chanterella Dr	4/13/17		
6037803	San Ramon. City of - Coyote Crossing Park	4348 Sweetgale Dr	6/30/17		

**San Ramon Valley Recycled Water Program
EBMUD Recycled Water Use Customers
Irrigation Site Location**

Attachment F - Table 1

Service	Site Name	Service Address	In-Service Date	Date of Annual Inspection	Observations From Annual Inspection
61026145	San Ramon, City of - greenbelt	9730 Davona Dr	8/6/12		
91976925	San Ramon, City of - Windy Hills Park & Streetscaping	1236 Ustilago Dr	12/3/13		

Inspections included the following:

- Evidence of recycled water escaping any irrigation site and/or surface impoundment through surface runoff or airborne spray.
- Odors of recycled water origin. Note source, characterization, and travel distance of odors.
- Evidence of prolonged ponding of recycled water in the irrigation site as a result of excessive spray.
- Adequate posting of warning signs or notices to inform the public of the use of recycled water for irrigation.
- Evidence of leaks or breaks in the irrigation system pipelines, tubing, drip irrigation, sprinkler emitters, or in the recycled water storage impoundment.
- Maintenance of the required buffer distance from areas to be protected.
- Evidence of direct spraying of recycled water on people, dwellings, food-handling facilities, or drinking fountains.

Attachment G

Contact Information

Jeff Carson	Operations Manager Office: 925-875-2345
Dan McIntyre	Dan McIntyre, General Manager Office: 925-875-2200
Judy Zavadil	District Engineer Office: 875-2272
Stefanie Olson	Customer Permitting and Inspection Office: 925-875-2245
Dan Martin	Recycled Water Distribution Supervisor Office: 925-875-2367
On-Call Distribution Operator	Distribution Emergency Operator Primary: 925-872-5890 Backup: 925-872-5889
Levi Fuller	Recycled Water Treatment Supervisor Office: 925-875-2300
Virgil Sevilla and Aaron Castro	Treatment Plant Process Leads Office: 925-519-0557
On-Duty Treatment Plant Operator	Treatment Emergency Operator Primary: 925-519-0557 Backup: 925-872-5887
Mike Tognolini	DERWA Authority Manager Office: 510-287-0125