

January 29, 2021

California Regional Water Quality Control Board
Central Coast Region
Attn: Monitoring and Reporting Review Section
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401

Dear Monitoring and Reporting Review Section:

Facility Name: Sunnyslope County Water District
Ridgemark Estates Subdivision

Address: 3570 Airline Highway
Hollister, CA 95023

Contact Person: Drew A. Lander P.E.
Job Title: General Manager
Phone Number: 831-637-4670

WDR/NPDES
Order Number: WDR R3-2004-0065

WDID Number: _____

Type of Report (circle one): Monthly Quarterly Semi-Annual Annual

Month(s) (circle applicable months*): JAN FEB MAR APR MAY JUN

JUL AUG SEP OCT NOV DEC

*Annual Reports (circle the first month of the reporting period)

Year: 2020

Violation(s)

(Place an X by the appropriate choice): No (there are no violations to report)
 Yes (If Yes is marked (complete a-g))

a) Parameter(s) in Violation: **RMI SBR:** Sodium, Chloride

b) Section(s) of WDR/NPDES
Violated: **RMI SBR:** Section B) item 2, Table 6
6=Sodium, Chloride

c) Reported Value(s): **RMI SBR:** Sodium - 230
Chloride - 310, 280, 270

d) WDR/NPDES
Limit/Condition: **RMI SBR:** Sodium - 200
Chloride - 200

e) Dates of Violations(s)

(reference page of report/data sheet): **RMI SBR:** Sodium - 10/20
Chloride- 10/20, 11/20, 12/20

Data Sheet – RMI SBR Effluent Monitoring

f) Explanation of Cause(s):

Chlorides and Sodium,

The Hollister Urban Area Water Plan (HUAWP) has been completed and included the upgrade of the existing Lessalt Water Treatment Plant and the construction of a new surface water treatment plant called the West Hills Water Treatment Plant. These two facilities, associated pipelines, and pump stations will allow high quality drinking water to be delivered throughout the Hollister Urban Area. Sunnyslope County Water District (SSCWD) has meet all other discharge requirements, yet it has not been able to meet the discharge requirements for chlorides due to the continued use of brine discharging water softeners within the district. Sodium levels where exceeded in the month of October due to water quality and minor maintenance issues at the Lessalt Water Treatment Facility. Those issues caused the Lessalt Water Treatment Facility to be off for half of the month. Sequentially the districts wells operated longer than anticipated causing higher salinity water throughout the districts distribution system.

g) Corrective Actions(s):

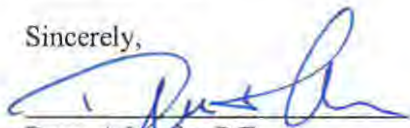
Chlorides and Sodium

Sunnyslope continues to make progress with meeting the salinity requirements of the WDRs. The addition of higher quality surface water deliveries to customers, providing rebates for the removal of salt discharging water softeners, and adopting an ordinance banning the installation of new salt discharging water softeners is bringing the District closer to compliance. The District is in compliance for Sodium annual rolling average. As previously stated, the wells where operated for extended periods of time causing higher Sodium levels in October. The surface waters facility is now back in operation, which will bring down those levels. The District will continue its outreach and education of customers in partnership with the City of Hollister and San Benito County Water District to promote the improvement of drinking water quality and the removal of salt discharging water softeners which will further help in meeting salinity requirements.

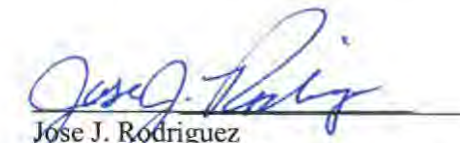
In accordance with the Standard Provisions and Reporting Requirements, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision following a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my knowledge of the person(s) who manage the system, or those directly responsible for data gathering, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

If you have any questions or require additional information, please contact me at the number provided above.

Sincerely,



Drew A Lander P.E.
General Manager



Jose J. Rodriguez
Water/Wastewater Superintendent
Chief Plant Operator

California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401

Document
Date: 1/29/2021

Submit this Self Monitoring Report to: centralcoast@waterboards.ca.gov

FACILITY NAME: RidgeMark Estates Wastewater

FACILITY ADDRESS: 10 Georges Dr.
Hollister CA 95023

CONTACT PERSON: Jose J. Rodriguez

JOB TITLE: Water/Wastewater Superintendent

PHONE NUMBER: 831-637-4670

EMAIL: jose@sscwd.org

WDR ORDER (Permit) Number: WDR# R3-2004-0065

WDID NUMBER: _____

PERMITTED FLOW (see facility WDR Permit): 370,000 gpd

AVERAGE WASTEWATER FLOW (over monitoring period): 164,152 gpd

TYPE OF REPORT: Annual Semiannual Quarterly
 Monthly Other: _____

REPORTING PERIOD: 10-1-2020 TO 12-30-2020

MONITORING PERFORMED DURING THIS PERIOD (check all that apply):

Groundwater Lab Reports Recycled Water
 Treatment System Effluent Solids Disposal Disposal Area
 Treatment System Influent Water Supply Use Area
 Source Water Monitoring Other: _____

Violation(s) during this monitoring period? YES NO

Parameter(s) in Violation: Pursuant to Standard Provisions,¹ see footnote on next page, monitoring reports must contain date of violation, explanation of cause and corrective actions planned or taken to prevent recurrence. Please include parameter(s) and date(s) of violation in space provided below. If space is insufficient, include an independent discussion containing explanation of cause and corrective action within monitoring report.

Chloride - SSCWD has not been able to meet the discharge requirements for chlorides due to the continued use of brine discharging water softeners within the district. Sodium levels exceeded due to source water being the main water source for most of the month of October.


Discharger Comments:

Sunnyslope continues to make progress with meeting the salinity requirements of the WDRs. The District will continue its outreach and education of customers in partnership with the City of Hollister and San Benito County Water District to promote the improvement of drinking water quality and the removal of salt discharging water softeners.

Submit this self-monitoring report to centralcoast@waterboards.ca.gov in searchable PDF format. Include attached cover sheet and signature page. DO NOT submit via US mail.

In accordance with the Standard Provisions¹ and Reporting Requirements, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision following a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my knowledge of the person(s) who manage the system, or those directly responsible for data gathering, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name: Drew A. Lander Title: General Manager

Signature:*  Date: 1/25/21

*All reports shall be signed by one of the following:

- a. For a corporation: by a principle executive officer of at least the level of vice president.
- b. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
- c. For a public agency: by either a principle executive officer or ranking elected official.
- d. For a LLC: either a member or manager given signing authority by the operating agreement of LLC.
- e. a "duly authorized representative" of one of the above.

¹ Electronic access to Standard Provisions: [https://www.waterboards.ca.gov/centralcoast/board decisions/docs/wdr standard provisions 2013.pdf](https://www.waterboards.ca.gov/centralcoast/board%20decisions/docs/wdr_standard_provisions_2013.pdf)

SBR

RWQCB Quarterly Reports

State Water Resources Control Board Form Q2
RM 1 Lab Sample Sites

Section 1

Monthly WW Report Total Flow

Section 2

RM I

Monthly WW TP1 Pond 6 Flow
Monthly WW Report 1 pH
Monthly WW Report 1 DO
SBR Influent Monitoring Results
SBR Effluent Monitoring Results
Pond Effluent Monitoring Results

Section 3

WWMWS Flow Weighted
Water Supply Monitoring Well 5
Water Supply Monitoring Well 8
Water Supply Monitoring LESSALT
Water Supply Flow Proportional Results
WW Monitoring Well # 1 Results
WW Monitoring Well # 2 Results
WW Monitoring Well # 3 Results
WW Monitoring Well # 4 Results
WW Monitoring Well # 5 Results
WW Monitoring Well # 6 Results

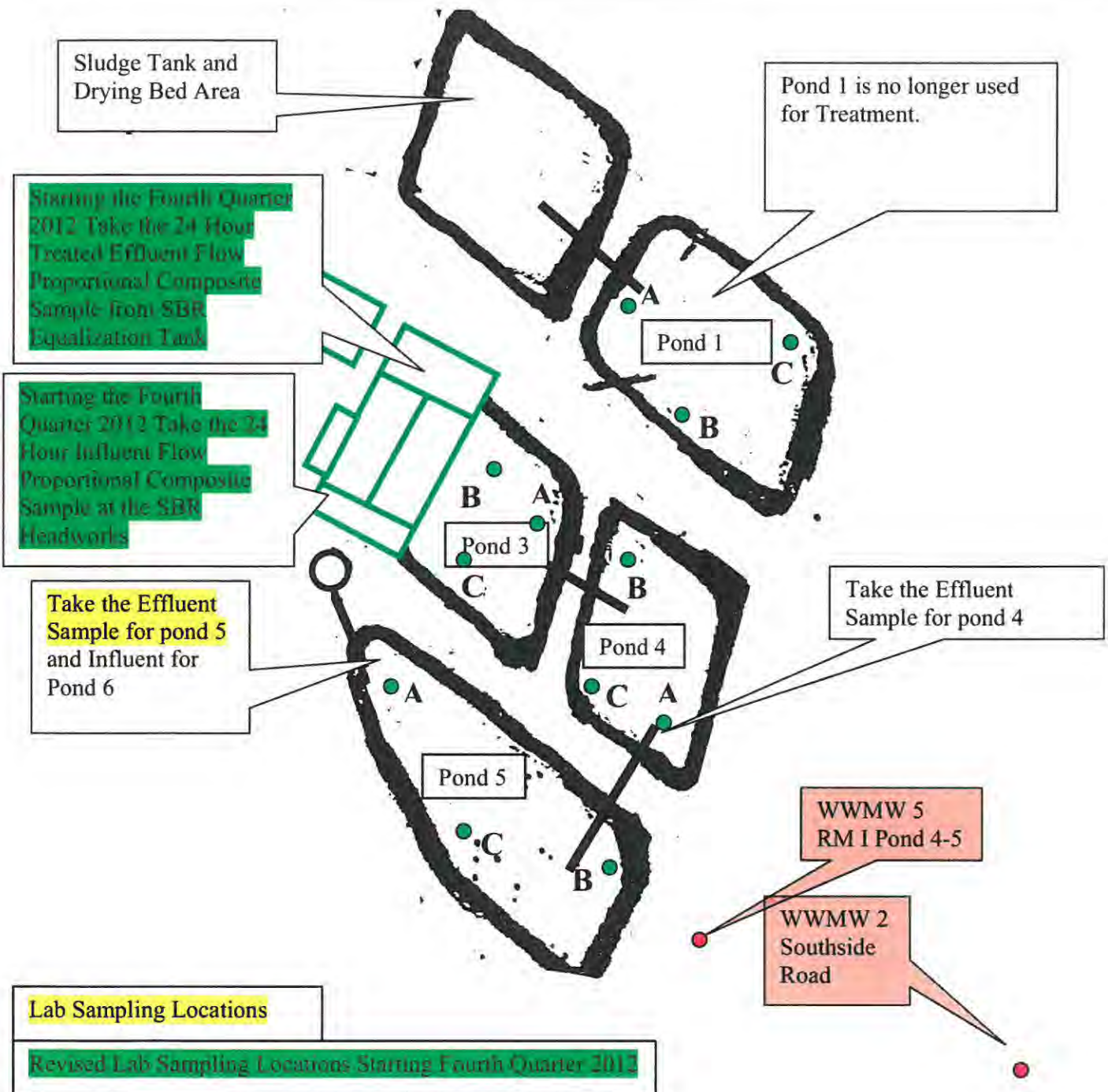
Section 4

RM I - Analytical Lab Results

Section 5

Water Supply & Monitoring Wells- Analytical Lab Results

RM – I Ridgemark Estates Wastewater Treatment Ponds
 Sequencing Batch Reactor (SBR) Lab Sample Site Sheet



Revised 12-2013

- All Disposal Pond Monitoring Sites for Weekly Lab pH, Dissolved Oxygen (DO) Monitoring 1 foot depth at 3 locations in each of the 4 ponds.
- Starting the Fourth Quarter 2012 Sampling the Influent and Treated Effluent will be from the SBR Head Works and Decant Equalization Tank .

Section 1

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 35100001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision Wastewater Treatment Plant Sequencing Batch Reactor (SBR) INFLUENT MONITORING

DATE	RM # 1 SBR		RM # 2		COMBINED
	30 Day		30 Day		30 Day
	DAILY FLOW METERED GPD	Running Average GPD	DAILY FLOW METERED GPD	Running Average GPD	Running Average GPD
October 1, 2020	152,000	157,967	Flowing to RM 1 SBR for Treatment		
October 2, 2020	155,000	157,767	Flowing to RM 1 SBR for Treatment		
October 3, 2020	154,000	157,833	Flowing to RM 1 SBR for Treatment		
October 4, 2020	173,000	157,833	Flowing to RM 1 SBR for Treatment		
October 5, 2020	160,000	158,233	Flowing to RM 1 SBR for Treatment		
October 6, 2020	159,000	158,100	Flowing to RM 1 SBR for Treatment		
October 7, 2020	152,000	158,633	Flowing to RM 1 SBR for Treatment		
October 8, 2020	155,000	158,433	Flowing to RM 1 SBR for Treatment		
October 9, 2020	166,000	158,133	Flowing to RM 1 SBR for Treatment		
October 10, 2020	162,000	158,633	Flowing to RM 1 SBR for Treatment		
October 11, 2020	173,000	158,800	Flowing to RM 1 SBR for Treatment		
October 12, 2020	157,000	159,067	Flowing to RM 1 SBR for Treatment		
October 13, 2020	151,000	158,933	Flowing to RM 1 SBR for Treatment		
October 14, 2020	158,000	157,867	Flowing to RM 1 SBR for Treatment		
October 15, 2020	160,000	157,867	Flowing to RM 1 SBR for Treatment		
October 16, 2020	171,000	158,133	Flowing to RM 1 SBR for Treatment		
October 17, 2020	173,000	158,767	Flowing to RM 1 SBR for Treatment		
October 18, 2020	175,000	159,333	Flowing to RM 1 SBR for Treatment		
October 19, 2020	159,000	160,167	Flowing to RM 1 SBR for Treatment		
October 20, 2020	154,000	159,867	Flowing to RM 1 SBR for Treatment		
October 21, 2020	152,000	158,933	Flowing to RM 1 SBR for Treatment		
October 22, 2020	159,000	158,733	Flowing to RM 1 SBR for Treatment		
October 23, 2020	150,000	158,933	Flowing to RM 1 SBR for Treatment		
October 24, 2020	168,000	159,067	Flowing to RM 1 SBR for Treatment		
October 25, 2020	183,000	159,633	Flowing to RM 1 SBR for Treatment		
October 26, 2020	159,000	160,600	Flowing to RM 1 SBR for Treatment		
October 27, 2020	157,000	160,467	Flowing to RM 1 SBR for Treatment		
October 28, 2020	155,000	160,133	Flowing to RM 1 SBR for Treatment		
October 29, 2020	158,000	160,100	Flowing to RM 1 SBR for Treatment		
October 30, 2020	155,000	160,267	Flowing to RM 1 SBR for Treatment		
October 31, 2020	178,000	160,500	Flowing to RM 1 SBR for Treatment		

150,000	Daily Flow Minimum GPD
183,000	Daily Flow Maximum GPD
161,065	Daily Flow Average GPD
4,993,000	Total Monthly Flow Gallons

-	Daily Flow Minimum GPD
-	Daily Flow Maximum GPD
-	Daily Flow Average GPD
-	Total Monthly Flow Gallons

-	Daily Flow Maximum GPD
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300,000	May through October
310,000	November through April

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision Wastewater Treatment Plant

Sequencing Batch Reactor (SBR) INFLUENT MONITORING

DATE	RM # 1 SBR		RM # 2		COMBINED
	DAILY FLOW METERED GPD	30 Day Running Average GPD	DAILY FLOW METERED GPD	30 Day Running Average GPD	30 Day Running Average GPD
November 1, 2020	172,000	161,367	Flowing to RM I SBR for Treatment		
November 2, 2020	175,000	161,933	Flowing to RM I SBR for Treatment		
November 3, 2020	155,000	162,633	Flowing to RM I SBR for Treatment		
November 4, 2020	151,000	162,033	Flowing to RM I SBR for Treatment		
November 5, 2020	154,000	161,733	Flowing to RM I SBR for Treatment		
November 6, 2020	178,000	161,567	Flowing to RM I SBR for Treatment		
November 7, 2020	154,000	162,433	Flowing to RM I SBR for Treatment		
November 8, 2020	167,000	162,400	Flowing to RM I SBR for Treatment		
November 9, 2020	158,000	162,433	Flowing to RM I SBR for Treatment		
November 10, 2020	164,000	162,300	Flowing to RM I SBR for Treatment		
November 11, 2020	151,000	162,000	Flowing to RM I SBR for Treatment		
November 12, 2020	155,000	161,800	Flowing to RM I SBR for Treatment		
November 13, 2020	153,000	161,933	Flowing to RM I SBR for Treatment		
November 14, 2020	155,000	161,767	Flowing to RM I SBR for Treatment		
November 15, 2020	179,000	161,600	Flowing to RM I SBR for Treatment		
November 16, 2020	155,000	161,867	Flowing to RM I SBR for Treatment		
November 17, 2020	156,000	161,267	Flowing to RM I SBR for Treatment		
November 18, 2020	151,000	160,633	Flowing to RM I SBR for Treatment		
November 19, 2020	159,000	160,367	Flowing to RM I SBR for Treatment		
November 20, 2020	150,000	160,533	Flowing to RM I SBR for Treatment		
November 21, 2020	166,000	160,467	Flowing to RM I SBR for Treatment		
November 22, 2020	180,000	160,700	Flowing to RM I SBR for Treatment		
November 23, 2020	183,000	161,700	Flowing to RM I SBR for Treatment		
November 24, 2020	165,000	162,200	Flowing to RM I SBR for Treatment		
November 25, 2020	162,000	161,600	Flowing to RM I SBR for Treatment		
November 26, 2020	192,000	161,700	Flowing to RM I SBR for Treatment		
November 27, 2020	168,000	162,867	Flowing to RM I SBR for Treatment		
November 28, 2020	176,000	163,300	Flowing to RM I SBR for Treatment		
November 29, 2020	181,000	163,900	Flowing to RM I SBR for Treatment		
November 30, 2020	160,000	164,767	Flowing to RM I SBR for Treatment		

150,000	Daily Flow Minimum GPD
192,000	Daily Flow Maximum GPD
164,167	Daily Flow Average GPD
4,925,000	Total Monthly Flow Gallons

-	Daily Flow Minimum GPD
-	Daily Flow Maximum GPD
-	Daily Flow Average GPD
-	Total Monthly Flow Gallons

-	Daily Flow Maximum GPD
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GPD	Daily Flow Limit
300,000	May through October
310,000	November through April

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 35100001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision Wastewater Treatment Plant

Sequencing Batch Reactor (SBR) INFLUENT MONITORING

DATE	RM # 1 SBR		RM # 2		COMBINED
	30 Day		30 Day		30 Day
	DAILY FLOW METERED GPD	Running Average GPD	DAILY FLOW METERED GPD	Running Average GPD	Running Average GPD
December 1, 2020	158,000	164,167	Flowing to RM 1 SBR for Treatment		
December 2, 2020	159,000	163,700	Flowing to RM 1 SBR for Treatment		
December 3, 2020	152,000	163,167	Flowing to RM 1 SBR for Treatment		
December 4, 2020	163,000	163,067	Flowing to RM 1 SBR for Treatment		
December 5, 2020	164,000	163,467	Flowing to RM 1 SBR for Treatment		
December 6, 2020	172,000	163,800	Flowing to RM 1 SBR for Treatment		
December 7, 2020	158,000	163,600	Flowing to RM 1 SBR for Treatment		
December 8, 2020	150,000	163,733	Flowing to RM 1 SBR for Treatment		
December 9, 2020	156,000	163,167	Flowing to RM 1 SBR for Treatment		
December 10, 2020	158,000	163,100	Flowing to RM 1 SBR for Treatment		
December 11, 2020	158,000	162,900	Flowing to RM 1 SBR for Treatment		
December 12, 2020	161,000	163,133	Flowing to RM 1 SBR for Treatment		
December 13, 2020	186,000	163,333	Flowing to RM 1 SBR for Treatment		
December 14, 2020	165,000	164,433	Flowing to RM 1 SBR for Treatment		
December 15, 2020	156,000	164,767	Flowing to RM 1 SBR for Treatment		
December 16, 2020	156,000	164,000	Flowing to RM 1 SBR for Treatment		
December 17, 2020	162,000	164,033	Flowing to RM 1 SBR for Treatment		
December 18, 2020	158,000	164,233	Flowing to RM 1 SBR for Treatment		
December 19, 2020	170,000	164,467	Flowing to RM 1 SBR for Treatment		
December 20, 2020	186,000	164,833	Flowing to RM 1 SBR for Treatment		
December 21, 2020	167,000	166,033	Flowing to RM 1 SBR for Treatment		
December 22, 2020	166,000	166,067	Flowing to RM 1 SBR for Treatment		
December 23, 2020	178,000	165,600	Flowing to RM 1 SBR for Treatment		
December 24, 2020	191,000	165,433	Flowing to RM 1 SBR for Treatment		
December 25, 2020	177,000	166,300	Flowing to RM 1 SBR for Treatment		
December 26, 2020	179,000	166,800	Flowing to RM 1 SBR for Treatment		
December 27, 2020	193,000	166,367	Flowing to RM 1 SBR for Treatment		
December 28, 2020	170,000	167,200	Flowing to RM 1 SBR for Treatment		
December 29, 2020	170,000	167,000	Flowing to RM 1 SBR for Treatment		
December 30, 2020	164,000	166,633	Flowing to RM 1 SBR for Treatment		
December 31, 2020	181,000	166,767	Flowing to RM 1 SBR for Treatment		

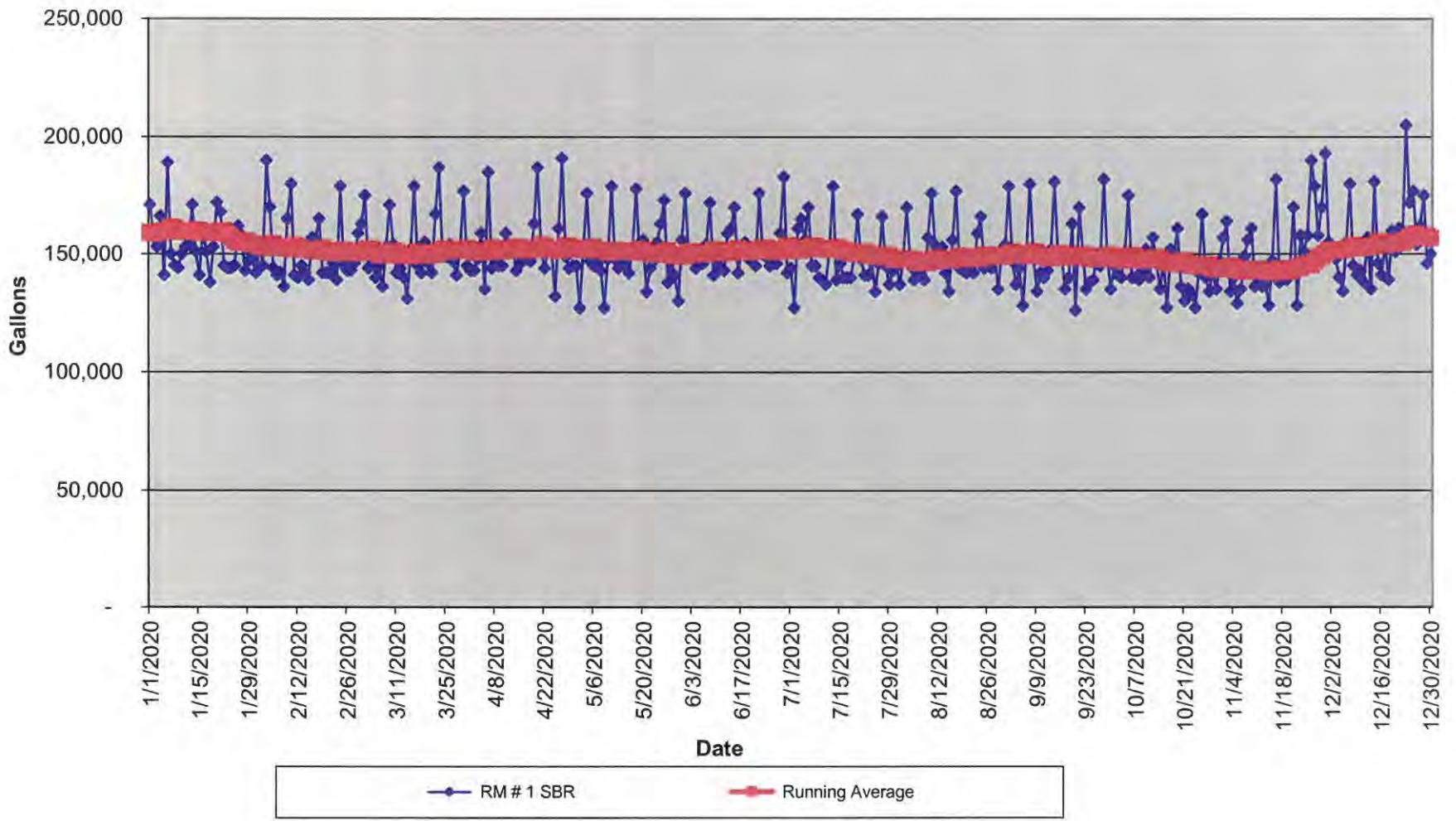
150,000	Daily Flow Minimum GPD
193,000	Daily Flow Maximum GPD
167,226	Daily Flow Average GPD
5,184,000	Total Monthly Flow Gallons

-	Daily Flow Minimum GPD
-	Daily Flow Maximum GPD
-	Daily Flow Average GPD
-	Total Monthly Flow Gallons

-	Daily Flow Maximum GPD
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GPD	Daily Flow Limit
300,000	May through October
310,000	November through April

Sunnyslope County Water District
Ridgemark Estates Wastewater Treatment
Influent Sequencing Batch Reactor (SBR)
Flow Totals Chart



Section 2

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 351000001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision RM - I Sequencing Batch Reactor (SBR) Wastewater Treatment Plant POND # 6 WASTEWATER FLOW - RM-I PERCOLATION & EVAPORATION

DATE	RMK # 1 SBR INFLUENT FLOW		POND # 6 EFFLUENT FLOW		PERCOLATED and EVAPORATED	HISTORICAL EVAPORATION ESTIMATE	PERCOLATION ESTIMATE
	DAILY FLOW METERED GPD	30 Day Running Average GPD	DAILY FLOW METERED GPD	30 Day Running Average GPD	30 Day Running Average RM-I Calculated Daily Percolation and Evaporation GPD	MONTHLY AVERAGE RM-I GALLONS OF EVAPORATION PER DAY GPD	ESTIMATED GALLONS OF PERCOLATION PER DAY GPD
October 1, 2020	152,000	157,967	119000	9362867	(9,204,900)	3,109	(9,208,009)
October 2, 2020	155,000	157,767	175000	8043433	(7,885,667)	3,109	(7,888,776)
October 3, 2020	154,000	157,833	0	8049267	(7,891,433)	3,109	(7,894,543)
October 4, 2020	173,000	157,833	57000	6722900	(6,565,067)	3,109	(6,568,176)
October 5, 2020	160,000	158,233	213000	6724800	(6,566,567)	3,109	(6,569,676)
October 6, 2020	159,000	158,100	220000	6731900	(6,573,800)	3,109	(6,576,909)
October 7, 2020	152,000	158,633	175000	6739233	(6,580,600)	3,109	(6,583,709)
October 8, 2020	155,000	158,433	0	6743167	(6,584,733)	3,109	(6,587,843)
October 9, 2020	166,000	158,133	0	6741900	(6,583,767)	3,109	(6,586,876)
October 10, 2020	162,000	158,633	0	6741400	(6,582,767)	3,109	(6,585,876)
October 11, 2020	173,000	158,800	146000	6740933	(6,582,133)	3,109	(6,585,243)
October 12, 2020	157,000	159,067	257000	6745800	(6,586,733)	3,109	(6,589,843)
October 13, 2020	151,000	158,933	168000	6754367	(6,595,433)	3,109	(6,598,543)
October 14, 2020	158,000	157,867	99000	5428733	(5,270,867)	3,109	(5,273,976)
October 15, 2020	160,000	157,867	138000	5430900	(5,273,033)	3,109	(5,276,143)
October 16, 2020	171,000	158,133	164000	5434033	(5,275,900)	3,109	(5,279,009)
October 17, 2020	173,000	158,767	0	5438500	(5,279,733)	3,109	(5,282,843)
October 18, 2020	175,000	159,333	83000	5437033	(5,277,700)	3,109	(5,280,809)
October 19, 2020	159,000	160,167	114000	5439800	(5,279,633)	3,109	(5,282,743)
October 20, 2020	154,000	159,867	288000	5443600	(5,283,733)	3,109	(5,286,843)
October 21, 2020	152,000	158,933	36000	4116167	(3,957,233)	3,109	(3,960,343)
October 22, 2020	159,000	158,733	0	4115633	(3,956,900)	3,109	(3,960,009)
October 23, 2020	150,000	158,933	0	4114333	(3,955,400)	3,109	(3,958,509)
October 24, 2020	168,000	159,067	0	4114333	(3,955,267)	3,109	(3,958,376)
October 25, 2020	183,000	159,633	189000	2771833	(2,612,200)	3,109	(2,615,309)
October 26, 2020	159,000	160,600	242000	2778133	(2,617,533)	3,109	(2,620,643)
October 27, 2020	157,000	160,467	111000	2786200	(2,625,733)	3,109	(2,628,843)
October 28, 2020	155,000	160,133	0	1446067	(1,285,933)	3,109	(1,289,043)
October 29, 2020	158,000	160,100	0	1446067	(1,285,967)	3,109	(1,289,076)
October 30, 2020	155,000	160,267	0	100433	59,833	3,109	56,724
October 31, 2020	178,000	160,500	0	99800	60,700	3,109	57,591

RMK1	
150,000	Daily Flow Minimum GPD
183,000	Daily Flow Maximum GPD
161,065	Daily Flow Average GPD
4,993,000	Total Monthly Flow Gallons

POND # 6	
-	Daily Flow Minimum GPD
288,000	Daily Flow Maximum GPD
96,581	Daily Flow Average GPD
2,994,000	Total Monthly Flow Gallons

POND # 6 - 30 DAY RUN AVG	
9,362,867	Maximum GPD

PERCOLATION AND EVAPORATION (5.3 Acre Surface Area)	
(9,204,900)	Daily Minimum GPD
60,700	Daily Maximum GPD
(4,963,091)	Daily Average GPD
(153,855,833)	Total Monthly Gallons

PERCOLATION ESTIMATE	
(9,208,009)	Daily Minimum GPD
57,591	Daily Maximum GPD
(4,966,201)	Daily Average GPD
(153,952,224)	Total Monthly Gallons

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision RM - I Sequencing Batch Reactor (SBR) Wastewater Treatment Plant POND # 6 WASTEWATER FLOW - RM-I PERCOLATION & EVAPORATION

DATE	RMK # 1 SBR INFLUENT FLOW		POND # 6 EFFLUENT FLOW		PERCOLATED and EVAPORATED	HISTORICAL EVAPORATION ESTIMATE	PERCOLATION ESTIMATE
	DAILY FLOW METERED GPD	30 Day Running Average GPD	DAILY FLOW METERED GPD	30 Day Running Average GPD	30 Day Running Average RM-I Calculated Daily Percolation and Evaporation GPD	MONTHLY AVERAGE RM-I GALLONS OF EVAPORATION PER DAY GPD	ESTIMATED GALLONS OF PERCOLATION PER DAY GPD
November 1, 2020	172,000	161,367	0	95833	65,533	3,109	62,424
November 2, 2020	175,000	161,933	376000	90000	71,933	3,109	68,824
November 3, 2020	155,000	162,633	0	102533	60,100	3,109	56,991
November 4, 2020	151,000	162,033	149000	100633	61,400	3,109	58,291
November 5, 2020	154,000	161,733	106000	98500	63,233	3,109	60,124
November 6, 2020	178,000	161,567	0	94700	66,867	3,109	63,757
November 7, 2020	154,000	162,433	0	88867	73,567	3,109	70,457
November 8, 2020	167,000	162,400	315000	88867	73,533	3,109	70,424
November 9, 2020	158,000	162,433	91000	99367	63,067	3,109	59,957
November 10, 2020	164,000	162,300	0	102400	59,900	3,109	56,791
November 11, 2020	151,000	162,000	214000	97533	64,467	3,109	61,357
November 12, 2020	155,000	161,800	212000	96100	65,700	3,109	62,591
November 13, 2020	153,000	161,933	0	97567	64,367	3,109	61,257
November 14, 2020	155,000	161,767	0	94267	67,500	3,109	64,391
November 15, 2020	179,000	161,600	0	89667	71,933	3,109	68,824
November 16, 2020	155,000	161,867	125000	84200	77,667	3,109	74,557
November 17, 2020	156,000	161,267	0	88367	72,900	3,109	69,791
November 18, 2020	151,000	160,633	217000	85600	75,033	3,109	71,924
November 19, 2020	159,000	160,367	0	89033	71,333	3,109	68,224
November 20, 2020	150,000	160,533	0	79433	81,100	3,109	77,991
November 21, 2020	166,000	160,467	0	78233	82,233	3,109	79,124
November 22, 2020	180,000	160,700	0	78233	82,467	3,109	79,357
November 23, 2020	183,000	161,700	526000	78233	83,467	3,109	80,357
November 24, 2020	165,000	162,200	278000	95767	66,433	3,109	63,324
November 25, 2020	162,000	161,600	0	98733	62,867	3,109	59,757
November 26, 2020	192,000	161,700	0	90667	71,033	3,109	67,924
November 27, 2020	168,000	162,867	0	86967	75,900	3,109	72,791
November 28, 2020	176,000	163,300	188000	86967	76,333	3,109	73,224
November 29, 2020	181,000	163,900	162000	93233	70,667	3,109	67,557
November 30, 2020	160,000	164,767	215000	98633	66,133	3,109	63,024

RMK1	
150,000	Daily Flow Minimum GPD
192,000	Daily Flow Maximum GPD
164,167	Daily Flow Average GPD
4,925,000	Total Monthly Flow Gallons

POND # 6	
-	Daily Flow Minimum GPD
526,000	Daily Flow Maximum GPD
105,800	Daily Flow Average GPD
3,174,000	Total Monthly Flow Gallons

POND # 6 - 30 DAY RUN AVG	
102,533	Maximum GPD

PERCOLATION AND EVAPORATION (5.3 Acre Surface Area)	
59,900	Daily Minimum GPD
83,467	Daily Maximum GPD
70,289	Daily Average GPD
2,108,667	Total Monthly Gallons

PERCOLATION ESTIMATE	
56,791	Daily Minimum GPD
80,357	Daily Maximum GPD
67,180	Daily Average GPD
2,015,385	Total Monthly Gallons

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 35100001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision RM - I Sequencing Batch Reactor (SBR) Wastewater Treatment Plant POND # 6 WASTEWATER FLOW - RM-I PERCOLATION & EVAPORATION

DATE	RMK # 1 SBR INFLUENT FLOW		POND # 6 EFFLUENT FLOW		PERCOLATED and EVAPORATED	HISTORICAL EVAPORATION ESTIMATE	PERCOLATION ESTIMATE
	DAILY FLOW METERED GPD	30 Day Running Average GPD	DAILY FLOW METERED GPD	30 Day Running Average GPD	30 Day Running Average RM-I Calculated Daily Percolation and Evaporation GPD	MONTHLY AVERAGE RM-I GALLONS OF EVAPORATION PER DAY GPD	ESTIMATED GALLONS OF PERCOLATION PER DAY GPD
December 1, 2020	158,000	164,167	254000	105800	58,367	3,109	55,257
December 2, 2020	159,000	163,700	111000	114267	49,433	3,109	46,324
December 3, 2020	152,000	163,167	133000	105433	57,733	3,109	54,624
December 4, 2020	163,000	163,067	0	109867	53,200	3,109	50,091
December 5, 2020	164,000	163,467	0	104900	58,567	3,109	55,457
December 6, 2020	172,000	163,800	120000	101367	62,433	3,109	59,324
December 7, 2020	158,000	163,600	66000	105367	58,233	3,109	55,124
December 8, 2020	150,000	163,733	153000	107567	56,167	3,109	53,057
December 9, 2020	156,000	163,167	241000	102167	61,000	3,109	57,891
December 10, 2020	158,000	163,100	172000	107167	55,933	3,109	52,824
December 11, 2020	158,000	162,900	0	112900	50,000	3,109	46,891
December 12, 2020	161,000	163,133	0	105767	57,367	3,109	54,257
December 13, 2020	186,000	163,333	0	98700	64,633	3,109	61,524
December 14, 2020	165,000	164,433	223000	98700	65,733	3,109	62,624
December 15, 2020	156,000	164,767	6000	106133	58,633	3,109	55,524
December 16, 2020	156,000	164,000	0	106333	57,667	3,109	54,557
December 17, 2020	162,000	164,033	0	102167	61,867	3,109	58,757
December 18, 2020	158,000	164,233	0	102167	62,067	3,109	58,957
December 19, 2020	170,000	164,467	0	94933	69,533	3,109	66,424
December 20, 2020	186,000	164,833	0	94933	69,900	3,109	66,791
December 21, 2020	167,000	166,033	0	94933	71,100	3,109	67,991
December 22, 2020	166,000	166,067	0	94933	71,133	3,109	68,024
December 23, 2020	178,000	165,600	0	94933	70,667	3,109	67,557
December 24, 2020	191,000	165,433	0	77400	88,033	3,109	84,924
December 25, 2020	177,000	166,300	0	68133	98,167	3,109	95,057
December 26, 2020	179,000	166,800	0	68133	98,667	3,109	95,557
December 27, 2020	193,000	166,367	0	68133	98,233	3,109	95,124
December 28, 2020	170,000	167,200	0	68133	99,067	3,109	95,957
December 29, 2020	170,000	167,000	0	61867	105,133	3,109	102,024
December 30, 2020	164,000	166,633	0	56467	110,167	3,109	107,057
December 31, 2020			0				

RMK1	
150,000	Daily Flow Minimum GPD
193,000	Daily Flow Maximum GPD
166,767	Daily Flow Average GPD
5,003,000	Total Monthly Flow Gallons

POND # 6	
-	Daily Flow Minimum GPD
254,000	Daily Flow Maximum GPD
47,710	Daily Flow Average GPD
1,479,000	Total Monthly Flow Gallons

POND # 6 - 30 DAY RUN AVG	
114,267	Maximum GPD

PERCOLATION AND EVAPORATION (5.3 Acre Surface Area)	
49,433	Daily Minimum GPD
110,167	Daily Maximum GPD
69,961	Daily Average GPD
2,098,833	Total Monthly Gallons

PERCOLATION ESTIMATE	
46,324	Daily Minimum GPD
107,057	Daily Maximum GPD
66,852	Daily Average GPD
2,005,552	Total Monthly Gallons

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 351000001
Discharge Self-Monitoring Report

Ridgemark Estates Subdivision RM - I Wastewater Treatment Plant Ponds pH MONITORING

Effluent Limits	
6.5	Minimum
8.4	Maximum

Grab Samples

Date	Results in mg/l Pond 1			Results in mg/l Pond 3			Results in mg/l Pond 4			Results in mg/l Pond 5		
	pH Sample Site			pH Sample Site			pH Sample Site			pH Sample Site		
	A	B	C	A	B	C	A	B	C	A	B	C
October 1, 2020												
October 2, 2020												
October 3, 2020												
October 4, 2020	9.38	8.99	9.45	7.65	7.62	7.64	8.15	8.14	8.17	Empty		
October 5, 2020												
October 6, 2020												
October 7, 2020												
October 8, 2020												
October 9, 2020												
October 10, 2020												
October 11, 2020	9.45	9.42	9.38	7.62	7.63	7.63	Empty			Empty		
October 12, 2020												
October 13, 2020												
October 14, 2020												
October 15, 2020												
October 16, 2020												
October 17, 2020												
October 18, 2020	9.73	9.69	9.62	7.60	7.59	7.57	Empty			Empty		
October 19, 2020												
October 20, 2020												
October 21, 2020												
October 22, 2020												
October 23, 2020												
October 24, 2020												
October 25, 2020	9.69	9.23	9.69	7.63	7.64	7.63	Empty			Empty		
October 26, 2020												
October 27, 2020												
October 28, 2020												
October 29, 2020												
October 30, 2020												
October 31, 2020												

See RM - I Lab Sample Site Sheet		
A	=	Effluent Site
B	=	Influent Site
C	=	Third Site

All Pond Samples
All Pond Samples

pH Limit	Exceeded
Minimum 6.5	0
Maximum 8.4	12

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Ridgemark Estates Subdivision RM - I Wastewater Treatment Plant Ponds pH MONITORING

Effluent Limits	
6.5	Minimum
8.4	Maximum

Grab Samples

Date	Results in mg/l Pond 1			Results in mg/l Pond 3			Results in mg/l Pond 4			Results in mg/l Pond 5		
	pH Sample Site			pH Sample Site			pH Sample Site			pH Sample Site		
	A	B	C	A	B	C	A	B	C	A	B	C
November 1, 2020	9.85	9.88	9.84	7.66	7.64	7.64	Empty			Empty		
November 2, 2020												
November 3, 2020												
November 4, 2020												
November 5, 2020												
November 6, 2020												
November 7, 2020												
November 8, 2020	9.85	9.88	9.88	7.64	7.62	7.59	Empty			Empty		
November 9, 2020												
November 10, 2020												
November 11, 2020												
November 12, 2020												
November 13, 2020												
November 14, 2020												
November 15, 2020	9.82	9.82	9.76	7.61	7.62	7.64	Empty			Empty		
November 16, 2020												
November 17, 2020												
November 18, 2020												
November 19, 2020												
November 20, 2020												
November 21, 2020												
November 22, 2020	9.44	9.50	9.53	7.65	7.67	7.63	Empty			Empty		
November 23, 2020												
November 24, 2020												
November 25, 2020												
November 26, 2020												
November 27, 2020												
November 28, 2020												
November 29, 2020	9.33	9.37	9.37	7.64	7.67	7.69	Empty			Empty		
November 30, 2020												

See RM - I Lab Sample Site Sheet		
A	=	Effluent Site
B	=	Influent Site
C	=	Third Site

All Pond Samples
All Pond Samples

pH Limit	Minimum	Exceeded
Minimum	6.5	0
Maximum	8.4	15

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 35100001

Discharge Self-Monitoring Report

Ridgemark Estates Subdivision RM - I Wastewater Treatment Plant Ponds pH MONITORING

Effluent Limits	
6.5	Minimum
8.4	Maximum

Grab Samples

Date	Results in mg/l Pond 1			Results in mg/l Pond 3			Results in mg/l Pond 4			Results in mg/l Pond 5		
	pH Sample Site			pH Sample Site			pH Sample Site			pH Sample Site		
	A	B	C	A	B	C	A	B	C	A	B	C
December 1, 2020												
December 2, 2020												
December 3, 2020												
December 4, 2020												
December 5, 2020												
December 6, 2020	9.08	9.05	9.02	7.59	7.60	7.64	Empty			Empty		
December 7, 2020												
December 8, 2020												
December 9, 2020												
December 10, 2020												
December 11, 2020												
December 12, 2020												
December 13, 2020	8.71	8.40	8.78	7.70	7.67	7.71	Empty			Empty		
December 14, 2020												
December 15, 2020												
December 16, 2020												
December 17, 2020												
December 18, 2020												
December 19, 2020												
December 20, 2020	8.46	8.49	8.49	9.32	9.29	9.29	Empty			Empty		
December 21, 2020												
December 22, 2020												
December 23, 2020												
December 24, 2020												
December 25, 2020												
December 26, 2020												
December 27, 2020	8.45	8.46	8.44	9.38	9.40	9.41	Empty			Empty		
December 28, 2020												
December 29, 2020												
December 30, 2020												
December 31, 2020												

See RM - I Lab Sample Site Sheet		
A	=	Effluent Site
B	=	Influent Site
C	=	Third Site

All Pond Samples
All Pond Samples

pH Limit	Minimum	Exceeded
Minimum	6.5	0
Maximum	8.4	17

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 351000001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision
RM - I Wastewater Treatment Plant Ponds
DISSOLVED OXYGEN MONITORING

See RM - I Lab Sample Site Sheet		
A	=	Effluent Site
B	=	Influent Site
C	=	Third Site

DATE	Grab Samples											
	Results in mg/l Pond 1 DO Sample Site			Results in mg/l Pond 3 DO Sample Site			Results in mg/l Pond 4 DO Sample Site					
	A	B	C	A	B	C	A	B	C	A	B	C
October 2, 2020												
October 3, 2020												
October 4, 2020	4	3	5	4	4	5	3	4	4	Empty		
October 5, 2020												
October 6, 2020												
October 7, 2020												
October 8, 2020												
October 9, 2020												
October 10, 2020												
October 11, 2020	4	4	4	6	7	7	Empty			Empty		
October 12, 2020												
October 13, 2020												
October 14, 2020												
October 15, 2020												
October 16, 2020												
October 17, 2020												
October 18, 2020	10	9	8	3	3	4	Empty			Empty		
October 19, 2020												
October 20, 2020												
October 21, 2020												
October 22, 2020												
October 23, 2020												
October 24, 2020												
October 25, 2020	4	5	4	5	4	5	Empty			Empty		
October 26, 2020												
October 27, 2020												
October 28, 2020												
October 29, 2020												
October 30, 2020												
October 31, 2020												

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 351000001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision RM - I Wastewater Treatment Plant Ponds DISSOLVED OXYGEN MONITORING

See RM - I Lab Sample Site Sheet		
A	=	Effluent Site
B	=	Influent Site
C	=	Third Site

DATE	Grab Samples											
	Results in mg/l Pond 1 DO Sample Site			Results in mg/l Pond 3 DO Sample Site			Results in mg/l Pond 4 DO Sample Site			Results in mg/l Pond 5 DO Sample Site		
	A	B	C	A	B	C	A	B	C	A	B	C
November 1, 2020	10	11	11	6	6	7	Empty			Empty		
November 2, 2020												
November 3, 2020												
November 4, 2020												
November 5, 2020												
November 6, 2020												
November 7, 2020												
November 8, 2020	7	9	10	4	4	5	Empty			Empty		
November 9, 2020												
November 10, 2020												
November 11, 2020												
November 12, 2020												
November 13, 2020												
November 14, 2020												
November 15, 2020	7	7	6	5	5	5	Empty			Empty		
November 16, 2020												
November 17, 2020												
November 18, 2020												
November 19, 2020												
November 20, 2020												
November 21, 2020												
November 22, 2020	7	6	6	7	7	7	Empty			Empty		
November 23, 2020												
November 24, 2020												
November 25, 2020												
November 26, 2020												
November 27, 2020												
November 28, 2020												
November 29, 2020	5	7	6	5	6	6	Empty			Empty		
November 30, 2020												

SUNNYSLOPE COUNTY WATER DISTRICT

Waste Discharge Identification # 3 35100001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

See RM - I Lab Sample Site Sheet

Ridgemark Estates Subdivision RM - I Wastewater Treatment Plant Ponds DISSOLVED OXYGEN MONITORING

A	=	Effluent Site
B	=	Influent Site
C	=	Third Site

DATE	Grab Samples											
	Results in mg/l Pond 1 DO Sample Site			Results in mg/l Pond 3 DO Sample Site			Results in mg/l Pond 4 DO Sample Site			Results in mg/l Pond 5 DO Sample Site		
	A	B	C	A	B	C	A	B	C	A	B	C
December 1, 2020												
December 2, 2020												
December 3, 2020												
December 4, 2020												
December 5, 2020												
December 6, 2020	3	3	3	5	5	7	Empty			Empty		
December 7, 2020												
December 8, 2020												
December 9, 2020												
December 10, 2020												
December 11, 2020												
December 12, 2020												
December 13, 2020	4	4	5	8	8	8	Empty			Empty		
December 14, 2020												
December 15, 2020												
December 16, 2020												
December 17, 2020												
December 18, 2020												
December 19, 2020												
December 20, 2020	4	4	4	13	16	17	Empty			Empty		
December 21, 2020												
December 22, 2020												
December 23, 2020												
December 24, 2020												
December 25, 2020												
December 26, 2020												
December 27, 2020	5	5	6	14	9	10	Empty			Empty		
December 28, 2020												
December 29, 2020												
December 30, 2020												
December 31, 2020												

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision

RM - I Sequencing Batch Reactor (SBR) WWTP

Influent Monitoring Results - 24 Hour Composite Sample - mg/l

	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	Influent 30 Day Average	
	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	
	30 Day Average pH Influent	30 Day Average BOD5 Influent mg/l	30 Day Average Ammonia NH3-N Influent mg/l	30 Day Average Nitrate NO3-N Influent mg/l	30 Day Average Total Kjeldahl TKN Influent mg/l	30 Day Average Total Nitrogen Influent mg/l	30 Day Average Total Suspended Solids TSS Influent mg/l	30 Day Average Sodium Influent mg/l	30 Day Average Chloride Influent mg/l	30 Day Average Total Dissolved Solids TDS Influent mg/l	30 Day Average Nitrite as N Influent mg/l	30 Day Average Sulfate Influent mg/l	30 Day Average Boron Influent mg/l
10/31/2020	7.83	300.00	NA	NA	53.00	53.00	310.00	230.00	290.00	1100.00	NA	NA	NA
11/30/2020	7.92	240.00	NA	NA	72.00	72.00	290.00	300.00	490.00	1200.00	NA	NA	NA
12/31/2020	7.65	200.00	NA	NA	62.00	62.00	110.00	190.00	290.00	880.00	NA	NA	NA
Average	7.80	246.67	NA	NA	62.33	62.33	236.67	240.00	356.67	1060.00	NA	NA	NA

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision

RM - I Sequencing Batch Reactor (SBR) WWTP

Effluent Monitoring Results - 24 Hour Composite Sample - mg/l

Effluent Limits													
pH	BOD5	Ammonia	Nitrate	TSS			Sodium	Chloride	TDS				
6.5 - 8.4	30	5	5	30			200	200	1,200				
Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average	Effluent 30 Day Average
30 Day Average pH Effluent	30 Day Average BOD5 Effluent mg/l	30 Day Average Ammonia NH3-N Effluent mg/l	30 Day Average Nitrate NO3-N Effluent mg/l	30 Day Average Total Suspended Solids TSS Effluent mg/l	30 Day Average Total Kjeldahl Nitrogen Effluent mg/l	30 Day Average Total Nitrogen Effluent mg/l	30 Day Average Sodium Effluent mg/l	30 Day Average Chloride Effluent mg/l	30 Day Average Total Dissolved Solids (TDS) Effluent mg/l	30 Day Average Nitrite as N Effluent mg/l	30 Day Average Sulfate Effluent mg/l	30 Day Average Boron Effluent mg/l	
10/31/2020	7.77	1.00	0.40	0.82	ND	3.00	3.90	230	310	1,100	NA	NA	NA
11/30/2020	7.74	5.50	2.30	0.73	6.80	3.70	4.40	190	280	910	NA	NA	NA
12/31/2020	7.51	6.70	0.81	0.54	5.00	3.50	4.20	200	270	880	0.13	NA	NA
Average	7.67	4.40	1.17	0.70	5.90	3.40	4.17	207	287	963	0.13	NA	NA

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Effluent Limits									
30 Day Avg- mg/l	TDS	Sodium	Chloride	Nitrate	Ammonia	BOD ₅	TSS	pH Lower	pH Upper
Current Limits	No Interim Limits	No Interim Limits	No Interim Limits	No Interim Limits	No Interim Limits	No Interim Limits	No Interim Limits	6.5	9.5
1/30/08	1,500	300	300	10	10	60	60	6.5	9.0
1/30/10	1,200	200	200	5	5	30	30	6.5	8.4

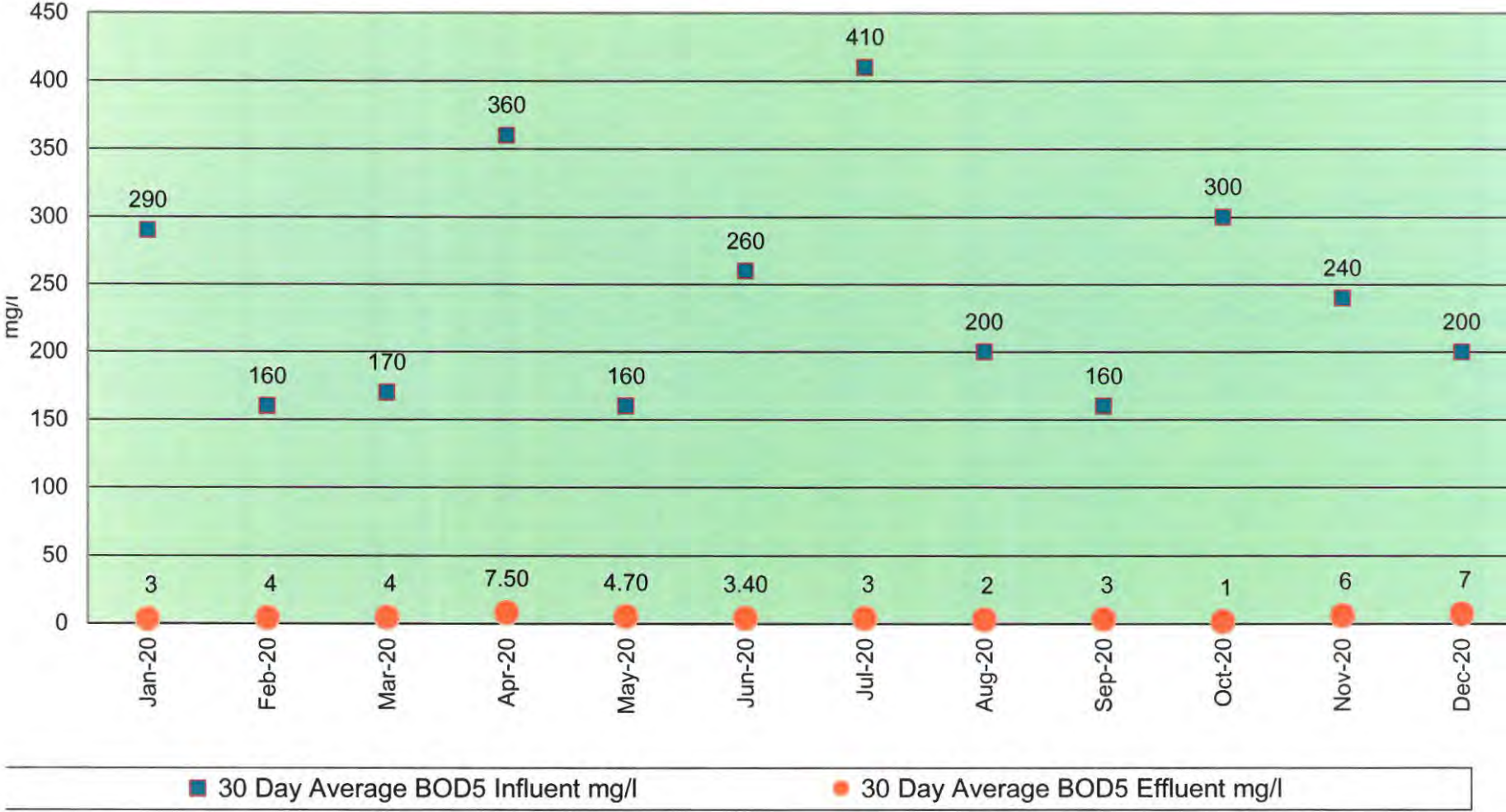
Ridgemark Estates Subdivision

RM - I Wastewater Treatment Plant

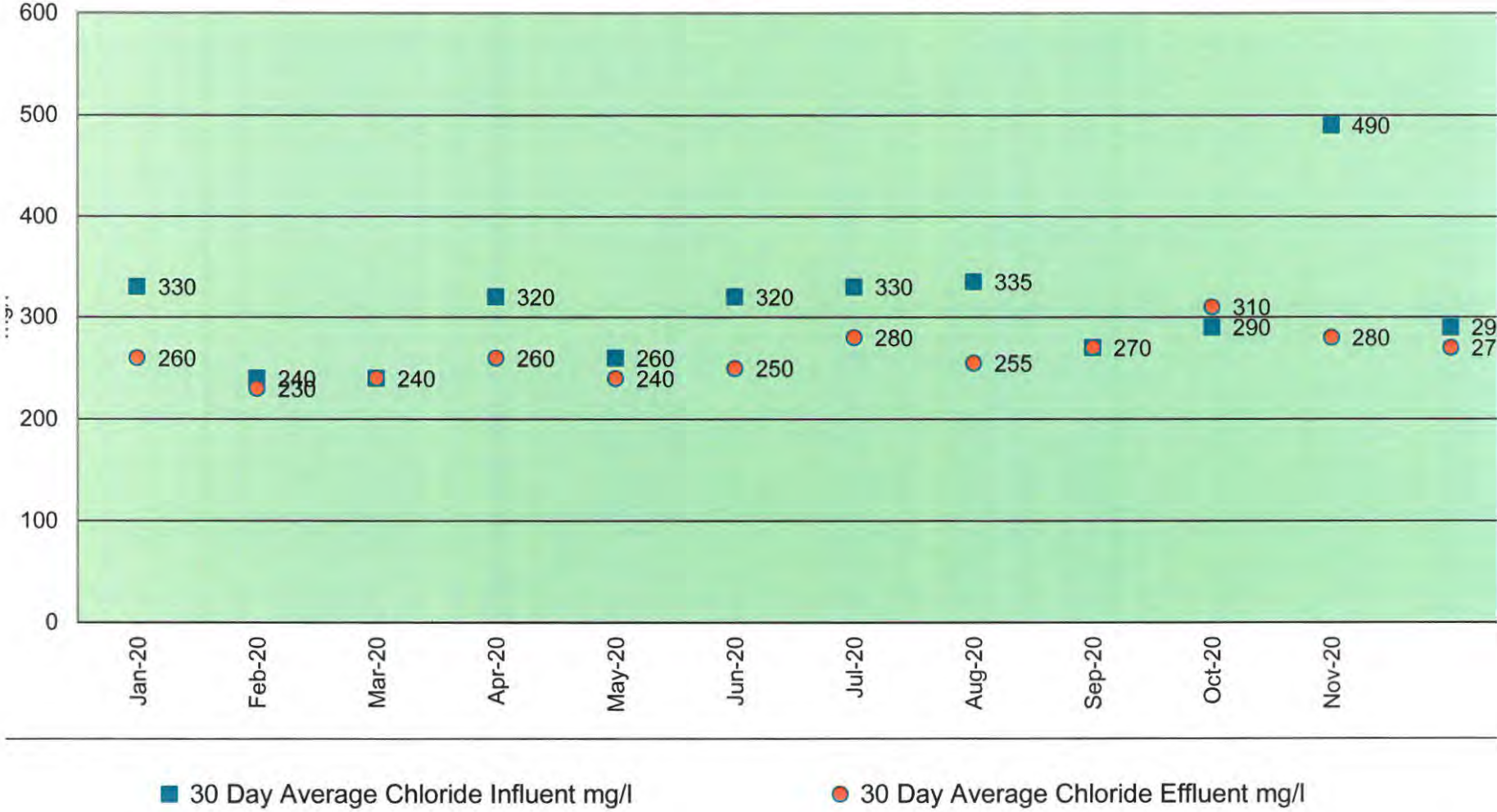
Pond Final Effluent Monitoring Results - Grab Sample - mg/l

Date	Pond Eff Chloride	Pond Eff Total Dissolved Solids	Pond Eff Nitrite Nitrogen (NO ₂ -N)	Pond Eff Nitrate Nitrogen (NO ₃ -N)	Pond Eff BOD	Pond Eff Soluble BOD	Pond Eff Carbonate Alkalinity	Pond Eff Total Suspended Solids	Pond Eff Sulfate	Pond Eff Boron	Pond Eff Sodium (Na)	Pond Eff Total Nitrogen (as N)	Pond Eff pH	Pond Eff Ammonia as Nitrogen	Pond Eff Total Kjeldahl Nitrogen (TKN)
10/26/2020	310	1100	ND	0.82	3			0			230	3.9		0.49	3
11/17/2020	280	940	ND	0.72	2.8			ND			200	3.6	7.6	1.7	2.9
12/16/2020	290	970	ND	0.37	16			29			210	3.4	8.24	ND	3
Average	293	1003	ND	0.64	7.27			15			213	3.63	7.92	1.10	2.97

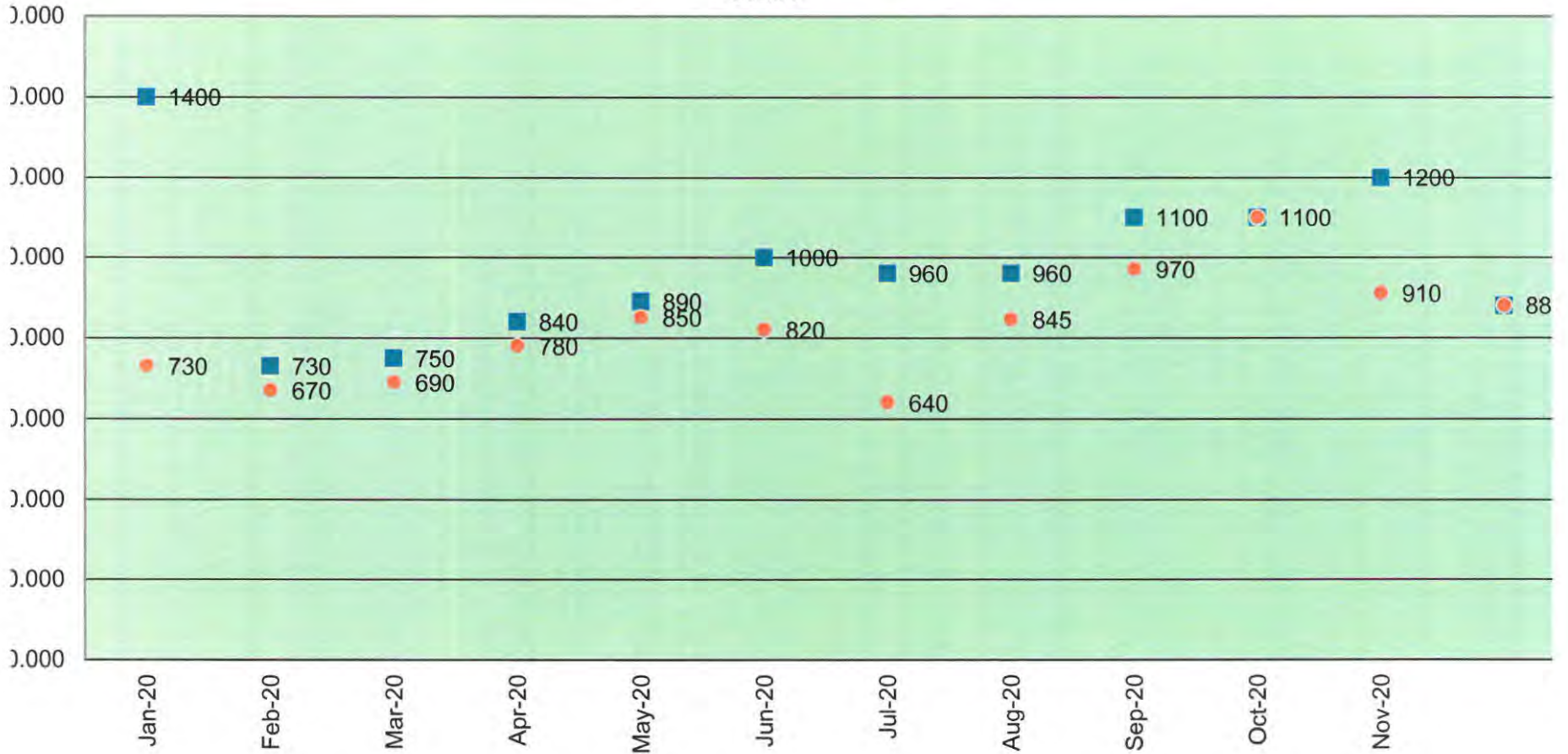
**Sunnyslope County Water District
Ridgemark Estates Wastewater Treatment
RM I Sequencing Batch Reactor (SBR)
Lab Results 30 Day Average
Chart**



**Sunnyslope County Water District
Ridgemark Estates Wastewater Treatment
RM I Sequencing Batch Reactor (SBR)
Lab Results 30 Day Average
Chart**



**Sunnyslope County Water District
Ridgemark Estates Wastewater Treatment
RM I Sequencing Batch Reactor (SBR)
Lab Results 30 Day Average
Chart**



■ 30 Day Average Total Dissolved Solids TDS Influent mg/l ● 30 Day Average Total Dissolved Solids (TDS) Effluent mg/l

Section 3

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision Wastewater Treatment Plant Wastewater Monitoring Water Supply

	Flow Well 5 GPD	Flow Well 8 GPD	LESSALT GPD	Total GPD
10/1/2020	538,934	784,000	-	1,322,934
10/2/2020	337,400	834,667	-	1,172,066
10/3/2020	337,400	834,667	-	1,172,066
10/4/2020	337,400	834,667	-	1,172,066
10/5/2020	389,547	964,000	-	1,353,547
10/6/2020	490,862	772,000	-	1,262,862
10/7/2020	395,372	855,000	172,000	1,422,372
10/8/2020	310,821	736,000	-	1,046,821
10/9/2020	342,863	857,000	-	1,199,863
10/10/2020	342,863	857,000	-	1,199,863
10/11/2020	342,863	857,000	-	1,199,863
10/12/2020	484,425	698,000	-	1,182,425
10/13/2020	415,887	661,000	-	1,076,887
10/14/2020	532,200	790,000	-	1,322,200
10/15/2020	404,183	866,000	-	1,270,183
10/16/2020	327,963	828,667	-	1,156,629
10/17/2020	327,963	828,667	-	1,156,629
10/18/2020	327,963	828,667	-	1,156,629
10/19/2020	355,283	950,000	-	1,305,283
10/20/2020	456,697	763,000	-	1,219,697
10/21/2020	232,911	914,000	683,000	1,829,911
10/22/2020	119,511	155,000	469,000	743,511
10/23/2020	52,914	511,333	496,000	1,060,247
10/24/2020	52,914	511,333	489,000	1,053,247
10/25/2020	52,914	511,333	462,000	1,026,247
10/26/2020	108,772	585,000	501,000	1,194,772
10/27/2020	74,793	364,000	718,000	1,156,793
10/28/2020	91,105	506,000	748,000	1,345,105
10/29/2020	66,183	305,000	756,000	1,127,183
10/30/2020	48,054	371,000	718,000	1,137,054
10/31/2020	48,054	371,000	778,000	1,197,054

83%	% Ground
17%	% Surface

Total Flow Gallons

9,077,887	Well 5
22,008,000	Well 8
6,212,000	LESSALT

37,297,887 Total

24%	Well 5	% of Flow
59%	Well 8	% of Flow
17%	LESSALT	% of Flow

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision Wastewater Treatment Plant Wastewater Monitoring Water Supply

	Flow Well 5 GPD	Flow Well 8 GPD	LESSALT GPD	Total GPD
11/1/2020	48,054	371,000	796,000	1,215,054
11/2/2020	102,149	426,000	729,000	1,257,149
11/3/2020	72,270	360,000	771,000	1,203,270
11/4/2020	82,340	459,000	778,000	1,319,340
11/5/2020	62,077	337,000	766,000	1,165,077
11/6/2020	63,962	287,667	749,000	1,100,628
11/7/2020	63,962	287,667	774,000	1,125,628
11/8/2020	63,962	287,667	657,000	1,008,628
11/9/2020	68,165	408,000	791,000	1,267,165
11/10/2020	76,592	246,000	756,000	1,078,592
11/11/2020	76,592	246,000	791,000	1,113,592
11/12/2020	65,491	88,000	770,000	923,491
11/13/2020	55,398	184,667	783,000	1,023,065
11/14/2020	55,398	184,667	774,000	1,014,065
11/15/2020	55,398	184,667	744,000	984,065
11/16/2020	47,614	322,000	778,000	1,147,614
11/17/2020	32,239	70,000	790,000	892,239
11/18/2020	40,628	198,000	724,000	962,628
11/19/2020	37,256	43,000	800,000	880,256
11/20/2020	32,326	222,333	779,000	1,033,659
11/21/2020	32,326	222,333	782,000	1,036,659
11/22/2020	32,326	222,333	754,000	1,008,659
11/23/2020	62,819	279,000	763,000	1,104,819
11/24/2020	46,748	180,000	775,000	1,001,748
11/25/2020	63,023	230,200	816,000	1,109,223
11/26/2020	63,023	230,200	735,000	1,028,223
11/27/2020	63,023	230,200	769,000	1,062,223
11/28/2020	63,023	230,200	768,000	1,061,223
11/29/2020	63,023	230,200	766,000	1,059,223
11/30/2020	87,742	290,000	750,000	1,127,742

29%	% Ground
71%	% Surface

Total Flow Gallons

1,739,257	Well 5
7,639,000	Well 8
23,006,000	LESSALT
32,384,257	Total

5%	Well 5	% of Flow
24%	Well 8	% of Flow
71%	LESSALT	% of Flow

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision Wastewater Treatment Plant Wastewater Monitoring Water Supply

	Flow Well 5 GPD	Flow Well 8 GPD	LESSALT GPD	Total GPD
12/1/2020	53,073	184,000	770,000	1,007,073
12/2/2020	74,901	334,000	790,000	1,198,901
12/3/2020	76,086	386,000	770,000	1,232,086
12/4/2020	57,184	311,000	773,000	1,141,184
12/5/2020	57,184	311,000	758,000	1,126,184
12/6/2020	57,184	311,000	784,000	1,152,184
12/7/2020	81,340	363,000	767,000	1,211,340
12/8/2020	70,315	252,000	738,000	1,060,315
12/9/2020	63,515	322,000	763,000	1,148,515
12/10/2020	114,568	301,000	744,000	1,159,568
12/11/2020	42,012	114,333	801,000	957,345
12/12/2020	42,012	114,333	764,000	920,345
12/13/2020	42,012	114,333	757,000	913,345
12/14/2020	41,838	54,000	734,000	829,838
12/15/2020	0	12,000	714,000	726,000
12/16/2020	-	-	732,000	732,000
12/17/2020	8,781	86,000	754,000	848,781
12/18/2020	13,741	128,000	815,000	956,741
12/19/2020	13,741	128,000	736,000	877,741
12/20/2020	13,741	128,000	770,000	911,741
12/21/2020	-	218,000	769,000	987,000
12/22/2020	33,788	203,000	764,000	1,000,788
12/23/2020	29,758	159,000	773,000	961,758
12/24/2020	42,011	152,750	714,000	908,761
12/25/2020	42,011	152,750	822,000	1,016,761
12/26/2020	42,011	152,750	767,000	961,761
12/27/2020	42,011	152,750	812,000	1,006,761
12/28/2020	67,254	160,000	764,000	991,254
12/29/2020	67,042	139,000	784,000	990,042
12/30/2020	70,286	168,000	770,000	1,008,286
12/31/2020	47,965	98,000	761,000	906,965

24%	% Ground
76%	% Surface

Total Flow Gallons

1,447,140	Well 5
5,902,000	Well 8
23,723,000	LESSALT

31,072,140 Total

5%	Well 5	% of Flow
19%	Well 8	% of Flow
76%	LESSALT	% of Flow

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision RM - I SBR Wastewater Treatment Plant Wastewater Monitoring Water Supply Well # 5

Grab Sample mg/l

Date	Nitrate as (N)	Sulfate	Boron	Total Hardness	Chloride	Residual Filterable TDS @ 180 c	Sodium	Total Gallons Supplied	% Supplied
January 31, 2020								5,032,253	22
February 28, 2020								688,194	3
March 31, 2020								729,566	3
Total Flow Sampled 3-4-2020	2.6	180	0.97		130	790	130	6,450,013	8
April 30, 2020								988,749	3
May 31, 2020								1,643,947	4
June 30, 2020								1,683,959	4
Total Flow Apr May June								4,316,656	4
July 31, 2020								4,871,215	12
August 31, 2020								1,287,439	3
September 30, 2020								5,548,142	16
Total Flow Sampled 9-2-2020	2.3	190	1		120	790	130	11,706,796	10
October 31, 2020								9,077,887	24
November 30, 2020								1,739,257	5
December 31, 2020								1,447,140	5
Total Flow Oct Nov Dec								12,264,284	12
Average	4	197	1		125	789	130	6,246,977	18

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision RM - I SBR Wastewater Treatment Plant Wastewater Monitoring Water Supply Well # 8

Grab Sample mg/l

Date	Nitrate as (N)	Sulfate	Boron	Total Hardness	Chloride	Residual Filterable TDS @ 180 c	Sodium	Total Gallons Supplied	% Supplied
January 31, 2020								1,276,167	6
February 28, 2020								731,333	3
March 31, 2020								3,645,000	13
Total Flow Sampled 3-4-2020	1.4	210	1.00		95	770	120	5,652,500	7
April 30, 2020								2,547,000	8
May 31, 2020								6,432,333	17
June 30, 2020								8,047,667	20
Total Flow Apr May June								17,027,000	16
July 31, 2020								13,342,000	32
August 31, 2020								7,768,000	19
September 30, 2020								16,298,000	46
Total Flow Sampled 9-2-2020	2.7	190	0.92		130	820	120	37,408,000	32
October 31, 2020								22,008,000	59
November 30, 2020								7,639,000	24
December 31, 2020								5,902,000	19
Total Flow Oct Nov Dec								35,549,000	35
Average	4	191	1		122	787	113	16,589,023	49

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision RM - I SBR Wastewater Treatment Plant Wastewater Monitoring Water Supply **LESSALT WTP**

Grab Sample mg/l

Date	Nitrate as (N)	Sulfate	Boron	Total Hardness	Chloride	Residual Filterable TDS @ 180 c	Sodium	Total Gallons Supplied	% Supplied
January 31, 2020								16,642,000	73
February 28, 2020								24,447,000	95
March 31, 2020								23,422,000	84
Total Flow Sampled 3-4-2020	0.25	35	0.18		82	280	57	64,511,000	84
April 30, 2020								26,478,000	88
May 31, 2020								29,525,000	79
June 30, 2020								30,932,000	76
Total Flow Apr May June								86,935,000	80
July 31, 2020								23,241,000	56
August 31, 2020								31,093,000	77
September 30, 2020								13,695,000	39
Total Flow Sampled 9-2-2020	0	32	0.2		69	250	52	68,029,000	58
October 31, 2020								6,212,000	17
November 30, 2020								23,006,000	71
December 31, 2020								23,723,000	76
Total Flow Oct Nov Dec								52,941,000	53
Average	0	38	0		91	288	63	29,532,250	77

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001
 Discharge Self-Monitoring Report
 Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision RM - I SBR Wastewater Treatment Plant Wastewater Monitoring Water Supply Flow Proportional Results mg/l

Grab Sample mg/l

Date	Nitrate as (N)	Sulfate	Boron	Total Hardness	Chloride	Residual Filterable TDS @ 180 c	Sodium
January 31, 2020							
February 28, 2020							
March 31, 2020							
Total Flow Sampled 3-4-2020	0.53	60	0.31		87	359	68
April 30, 2020							
May 31, 2020							
June 30, 2020							
Total Flow Apr May June							
July 31, 2020							
August 31, 2020							
September 30, 2020							
Total Flow Sampled 9-2-2020	1.09	98	0.51		94	486	82
October 31, 2020							
November 30, 2020							
December 31, 2020							
Total Flow Oct Nov Dec							
Average	3.18	142	0.64		108	639	99

Sunnyslope County Water District

Waste Discharge Identification # 3 35100001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision

Wastewater Treatment Plant

Wastewater Monitoring Well # 1

MG/L - Location: next to Pond # 6 (WWMW Pond 6N)

Units mg/l

Date	Nitrate as Nitrogen (NO3-N + NO2-N)	Chloride (CL)	Residual Filterable TDS @ 180 c	Sodium (NA)	pH	Boron	Sulfate (SO4)	Nitrite (NO2-N)	Total Nitrogen (as N)	Total Kjeldahl Nitrogen (TKN)	Depth to Water (Feet) 500 Above Sea Level
10/1/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	237
11/2/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	237
12/1/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	235

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision

Wastewater Treatment Plant

Wastewater Monitoring Well # 2

MG/L - Location: Southside Road

Units mg/l

Date	Nitrate as Nitrogen (NO3-N + NO2-N)	Chloride (CL)	Residual Filterable TDS @ 180 c	Sodium (NA)	pH	Boron	Sulfate (SO4)	Nitrite (NO2-N)	Total Nitrogen (as N)	Total Kjeldahl Nitrogen (TKN)	Depth to Water (Feet) 380 Above Sea Level
6/3/2020	5.5	230	780		7.58			ND	5.5	ND	45
9/2/2020	6.4	210	700	92	7.49	0.48	49	ND	6.4	ND	45
12/8/2020	6.6	220	710	96	7.41			ND	6.6	ND	46

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision

Wastewater Treatment Plant

Wastewater Monitoring Well # 3

Location: RM - II - next to Pond 4-3

Units mg/l

Date	Nitrate as Nitrogen (NO3-N + NO2-N)	Chloride (CL)	Residual Filterable TDS @ 180 c	Sodium (NA)	pH	Boron	Sulfate (SO4)	Nitrite (NO2-N)	Total Nitrogen (as N)	Total Kjeldahl Nitrogen (TKN)	Depth to Water (Feet) 548 Above Sea Level
10/1/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	116
11/2/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	116
12/1/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	116

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision

Wastewater Treatment Plant

Wastewater Monitoring Well # 4

Location: Pond 6 South by Gate

Units mg/l

Date	Nitrate as Nitrogen (NO ₃ -N + NO ₂ -N)	Chloride (CL)	Residual Filterable TDS @ 180 c	Sodium (NA)	pH	Boron	Sulfate (SO ₄)	Nitrite (NO ₂ -N)	Total Nitrogen (as N)	Total Kjeldahl Nitrogen (TKN)	Depth to Water (Feet) 507 Above Sea Level
10/1/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	119
11/2/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	119
12/1/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	119

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision

Wastewater Treatment Plant

Wastewater Monitoring Well # 5

Location: RM - 1 - next to Pond 4 & 5

Units mg/l

Date	Nitrate as Nitrogen (NO3-N + NO2-N)	Chloride (CL)	Residual Filterable TDS @ 180 c	Sodium (NA)	pH	Boron	Sulfate (SO4)	Nitrite (NO2-N)	Total Nitrogen (as N)	Total Kjeldahl Nitrogen (TKN)	Depth to Water (Feet) 526 Above Sea Level
10/1/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	192
11/2/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	192
12/1/2020	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	192

Sunnyslope County Water District

Waste Discharge Identification # 3 351000001

Discharge Self-Monitoring Report

Monitoring and Reporting Program # R3-2004-0065

Ridgemark Estates Subdivision

Wastewater Treatment Plant

Wastewater Monitoring Well # 6

Location: RM - II - next to Pond 2

Units mg/l

Date	Nitrate as Nitrogen (NO3-N + NO2-N)	Chloride (CL)	Residual Filterable TDS @ 180 c	Sodium (NA)	pH	Boron	Sulfate (SO4)	Nitrite (NO2-N)	Total Nitrogen (as N)	Total Kjeldahl Nitrogen (TKN)	Depth to Water (Feet) 528 Above Sea Level
6/3/2020	3.2	560	1300		7.48			ND	3.2	ND	86
9/2/2020	3.9	590	1200	220	7.5	0.54	36	ND	3.9	ND	86
12/8/2020	3.5	550	1200		7.48			ND	3.5	ND	86

Section 4

**CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020**

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75199
Date Collected: October 4, 2020
Date Analyzed: October 4, 2020
Report Date: October 8, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.38	4
	B	8.99	3
	C	9.45	5
3	A	7.65	4
	B	7.62	4
	C	7.64	5
4	A	8.15	3
	B	8.14	4
	C	8.17	4
5	A	Dry	
	B		
	C		

Influent	8.07
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SBR Effluent	7.51
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: *Geoffrey M. Grio*
Geoffrey M. Grio

**CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020**

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75261
Date Collected: October 11, 2020
Date Analyzed: October 11, 2020
Report Date: October 19, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.45	4
	B	9.42	4
	C	9.38	4
3	A	7.62	6
	B	7.63	7
	C	7.63	7
4	A		
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.06
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SBR Effluent	7.52
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: *Geoffrey M. Grio*
Geoffrey M. Grio

**CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020**

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No. 75292
Date Collected: October 18, 2020
Date Analyzed: October 18, 2020
Report Date: October 29, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.73	10
	B	9.69	9
	C	9.62	8
3	A	7.60	3
	B	7.59	3
	C	7.57	4
4	A	Dry	
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.31
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SBR Effluent	7.50
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: *Geoffrey M. Grio*
Geoffrey M. Grio

**CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020**

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75330
Date Collected: October 25, 2020
Date Analyzed: October 25, 2020
Report Date: November 5, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.69	4
	B	9.23	5
	C	9.69	4
3	A	7.63	5
	B	7.64	4
	C	7.63	5
4	A	Dry	
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.24
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SBR Effluent	7.50
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: *Geoffrey M. Grio*
Geoffrey M. Grio

CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75368
Date Collected: November 1, 2020
Date Analyzed: November 1, 2020
Report Date: November 11, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.85	10
	B	9.88	11
	C	9.84	11
3	A	7.66	6
	B	7.64	6
	C	7.64	7
4	A	Dry	
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.27
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SBR Effluent	7.48
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: 
Geoffrey M. Grio

CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75401
Date Collected: November 8, 2020
Date Analyzed: November 8, 2020
Report Date: November 17, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.85	7
	B	9.88	9
	C	9.88	10
3	A	7.64	4
	B	7.62	4
	C	7.59	5
4	A	Dry	
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.03
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SBR Effluent	7.41
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: 
Geoffrey M. Grio

CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020

Certification #1423

Sunnyslope County Water Dist.
 3750 Airline Highway
 Hollister, CA 95023

Laboratory Log No.: 75432
 Date Collected: November 15, 2020
 Date Analyzed: November 15, 2020
 Report Date: November 24, 2020
 Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.82	7
	B	9.82	7
	C	9.78	6
3	A	7.61	5
	B	7.62	5
	C	7.64	5
4	A	Dry	
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.25
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SBR Effluent	7.46
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: *Geoffrey M. Grio*
 Geoffrey M. Grio

**CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020**

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75490
Date Collected: November 22, 2020
Date Analyzed: November 22, 2020
Report Date: December 2, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.44	7
	B	9.50	6
	C	9.53	6
3	A	7.65	7
	B	7.67	7
	C	7.63	7
4	A	Dry	
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.10
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SBR Effluent	7.36
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: 
Geoffrey M. Grio

CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75501
Date Collected: November 29, 2020
Date Analyzed: November 29, 2020
Report Date: December 2, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

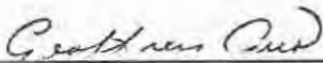
<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.33	5
	B	9.37	7
	C	9.37	6
3	A	7.64	5
	B	7.67	6
	C	7.69	6
4	A	Dry	
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.14
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SBR Effluent	7.45
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: 
Geoffrey M. Grio

**CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020**

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75539
Date Collected: December 6, 2020
Date Analyzed: December 6, 2020
Report Date: December 18, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	9.08	3
	B	9.05	3
	C	9.02	3
3	A	7.59	5
	B	7.60	5
	C	7.64	7
4	A		
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.09
----------	------

SBR Effluent	7.44
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: 
Geoffrey M. Grio

**CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020**

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75596
Date Collected: December 13, 2020
Date Analyzed: December 13, 2020
Report Date: December 22, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	8.71	4
	B	8.40	4
	C	8.78	5
3	A	7.70	8
	B	7.67	8
	C	7.71	8
4	A		
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.36
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SBR Effluent	7.49
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: Geoffrey M. Grio
Geoffrey M. Grio

**CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020**

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75660
Date Collected: December 20, 2020
Date Analyzed: December 20, 2020
Report Date: December 29, 2020
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

Pond	Station	pH	D.O.
1	A	8.48	4
	B	8.49	4
	C	8.49	4
3	A	9.32	13
	B	9.29	16
	C	9.29	17
4	A		
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.40
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SBR Effluent	7.34
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: *Geoffrey M. Griro*
Geoffrey M. Griro

**CM Analytical, Inc.
6700 Brem Lane #10
Gilroy, CA 95020**

Certification #1423

Sunnyslope County Water Dist.
3750 Airline Highway
Hollister, CA 95023

Laboratory Log No.: 75674
Date Collected: December 27, 2020
Date Analyzed: December 27, 2020
Report Date: January 7, 2021
Sampler: T. Estrada

Ridgemark Disposal Pond Area #1

<u>Pond</u>	<u>Station</u>	<u>pH</u>	<u>D.O.</u>
1	A	8.45	5
	B	8.48	5
	C	8.44	6
3	A	9.38	14
	B	9.40	9
	C	9.41	10
4	A		
	B		
	C		
5	A	Dry	
	B		
	C		

Influent	8.29
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SBR Effluent	7.66
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pH Analytical Method: Standard Methods 4500-H+ B

D.O. Analytical Method: Standard Methods 4500-OC

Lab Manager: *Geoffrey M. Grio*
Geoffrey M. Grio



ADJ2702
Sunnyslope County WD NonEDT
 Sunnyslope CWD 75334

Certificate of Analysis

Sample ID: ADJ2702-01
 Sampled By: A. Cervantes
 Sample Description: RM 1 SBR Influent // 75334-1

Sample Date - Time: 10/26/2020 - 08:10
 Matrix: Waste Water
 Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Biochemical Oxygen Demand	SM 5210B	300	60	mg/L	60	ADJ1506	10/27/20 21:05	11/01/20	
Chloride	EPA 300.0	290	1.0	mg/L	1	ADJ1483	10/27/20	10/27/20	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	ADJ1483	10/27/20 18:25	10/27/20	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	ADJ1483	10/27/20 18:25	10/27/20	
Total Dissolved Solids	SM 2540C	1100	5.0	mg/L	1	ADJ1522	10/28/20	11/02/20	
Total Kjeldahl Nitrogen	EPA 351.2	53	5.0	mg/L	5	ADJ1699	10/30/20	10/31/20	
Total Nitrogen, IC	CALC	53	5.0	mg/L					
Total Suspended Solids	SM 2540D	310	5.0	mg/L	1	ADJ1622	10/29/20	10/31/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	210	1.0	mg/L	1	ADJ1580	10/28/20	11/09/20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ADJ2702 FINAL 11132020 1528

CM ANALYTICAL, INC.

6700 Brem Lane #10
GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75334-1
Sample date: 10/26/20
Sample received: 10/26/20
Report date: 11/10/20

All units in mg/L unless otherwise noted.

Sample I.D.:
Type Of Sample:

RM I SBR Influent
Composite

pH (Units): 7.83
Date of Analysis: 10/26/20
Analytical Method: SM* 4500-H* B
Analyst: G. Grio

NOTE: All wastewater samples are Nitric Acid Digested (SM* 3030 E) prior to analysis for metals unless otherwise noted.

* SM = Standard Methods for the Examination of Water and Wastewater, 22nd Edition

LAB MANAGER: Geoffrey M. Grio
Geoffrey M. Grio



ADJ2702

Sunnyslope County WD NonEDT
Sunnyslope CWD 75334

Certificate of Analysis

Sample ID: ADJ2702-02
 Sampled By: A. Cervantes
 Sample Description: RM 1 SBR Effluent // 75334-2

Sample Date - Time: 10/26/2020 - 08:20
 Matrix: Waste Water
 Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Ammonia as N	EPA 350.1	0.42	0.10	mg/L	1	ADK0535	11/12/20	11/12/20	
Biochemical Oxygen Demand	SM 5210B	7.2	1.0	mg/L	1	ADJ1506	10/27/20 21:06	11/01/20	
Chloride	EPA 300.0	310	1.0	mg/L	1	ADJ1483	10/27/20	10/27/20	
Nitrate as N	EPA 300.0	0.75	0.25	mg/L	1	ADJ1483	10/27/20 19:08	10/27/20	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	ADJ1483	10/27/20 19:08	10/27/20	
Total Dissolved Solids	SM 2540C	1100	5.0	mg/L	1	ADJ1522	10/28/20	11/02/20	
Total Kjeldahl Nitrogen	EPA 351.2	1.7	1.0	mg/L	1	ADJ1699	10/30/20	10/31/20	
Total Nitrogen, IC	CALC	2.5	1.0	mg/L					
Total Suspended Solids	SM 2540D	9.2	5.0	mg/L	1	ADJ1622	10/29/20	10/31/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	230	1.0	mg/L	1	ADJ1580	10/28/20	11/09/20	

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CM ANALYTICAL, INC.

6700 Brem Lane #10
GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75334-2
Sample date: 10/26/20
Sample received: 10/26/20
Report date: 11/10/20

All units in mg/L unless otherwise noted.

Sample I.D.:
Type Of Sample:

RM I SBR Effluent
Composite

pH (Units): 7.77
Date of Analysis: 10/26/20
Analytical Method: SM* 4500-H⁺ B
Analyst: G. Grio

NOTE: All wastewater samples are Nitric Acid Digested (SM* 3030 E) prior to analysis for metals unless otherwise noted.

* SM = Standard Methods for the Examination of Water and Wastewater, 22nd Edition

LAB MANAGER: Geoffrey M. Grio
Geoffrey M. Grio



Certificate of Analysis

Sample ID: ADJ2702-03
 Sampled By: A. Cervantes
 Sample Description: RM 1 Pond 3 Effluent // 75334-3

Sample Date - Time: 10/26/2020 - 08:35
 Matrix: Waste Water
 Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Ammonia as N	EPA 350.1	0.49	0.10	mg/L	1	ADK0535	11/12/20	11/12/20	
Biochemical Oxygen Demand	SM 5210B	3.0	1.0	mg/L	1	ADJ1506	10/27/20 21:07	11/01/20	
Chloride	EPA 300.0	310	1.0	mg/L	1	ADJ1483	10/27/20	10/27/20	
Nitrate as N	EPA 300.0	0.82	0.23	mg/L	1	ADJ1483	10/27/20 19:23	10/27/20	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	ADJ1483	10/27/20 19:23	10/27/20	
Total Dissolved Solids	SM 2540C	1100	5.0	mg/L	1	ADJ1522	10/28/20	11/02/20	
Total Kjeldahl Nitrogen	EPA 351.2	3.0	1.0	mg/L	1	ADJ1699	10/30/20	10/31/20	
Total Nitrogen, IC	CALC	3.9	1.0	mg/L					
Total Suspended Solids	SM 2540D	ND	5.0	mg/L	1	ADJ1622	10/29/20	10/31/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	230	1.0	mg/L	1	ADJ1580	10/28/20	11/09/20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



ADK1883

Sunnyslope County WD NonEDT

Sunnyslope CWD 75452

Certificate of Analysis

Sample ID: ADK1883-01
 Sampled By: D. Bribiesta
 Sample Description: RM I SBR Influent // 75452-1

Sample Date - Time: 11/17/2020 - 09:24
 Matrix: Waste Water
 Sample Type: Grab

**BSK Associates Laboratory Fresno
 General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Biochemical Oxygen Demand	SM 5210B	240	60	mg/L	60	ADK0939	11/18/20 20:18	11/23/20	
Chloride	EPA 300.0	490	2.0	mg/L	2	ADK0948	11/19/20	11/19/20	
Nitrate as N	EPA 300.0	ND	0.46	mg/L	2	ADK0948	11/19/20 00:56	11/19/20	DL16
Nitrite as N	EPA 300.0	ND	0.10	mg/L	2	ADK0948	11/19/20 00:56	11/19/20	DL16
Total Dissolved Solids	SM 2540C	1200	5.0	mg/L	1	ADK0963	11/20/20	11/23/20	
Total Kjeldahl Nitrogen	EPA 351.2	72	5.0	mg/L	5	ADK1075	11/20/20	11/22/20	
Total Nitrogen, IC	CALC	72	5.0	mg/L					
Total Suspended Solids	SM 2540D	290	5.0	mg/L	1	ADK1149	11/23/20	11/23/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	300	1.0	mg/L	1	ADK1064	11/23/20	11/24/20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ADK1883 FINAL 12032020 1410

CM ANALYTICAL, INC.

6700 Brem Lane #10
GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75452-1
Sample date: 11/17/20
Sample received: 11/17/20
Report date: 11/30/20

All units in mg/L unless otherwise noted.

Sample I.D.:
Type Of Sample:

RM I SBR Influent
Composite

pH (Units): 7.92
Date of Analysis: 11/17/20
Analytical Method: SM* 4500-H⁺ B
Analyst: G. Grio

NOTE: All wastewater samples are Nitric Acid Digested (SM* 3030 E) prior to analysis for metals unless otherwise noted.

* SM = Standard Methods for the Examination
of Water and Wastewater, 22nd Edition

LAB MANAGER: Geoffrey M. Grio
Geoffrey M. Grio



ADK1883

Sunnyslope County WD NonEDT

Sunnyslope CWD 75452

Certificate of Analysis

Sample ID: ADK1883-02

Sampled By: D. Bribiesta

Sample Description: RM | SBR Effluent // 75452-2

Sample Date - Time: 11/17/2020 - 09:35

Matrix: Waste Water

Sample Type: Grab

**BSK Associates Laboratory Fresno
General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Ammonia as N	EPA 350.1	2.3	0.10	mg/L	1	ADK0972	11/19/20	11/19/20	
Biochemical Oxygen Demand	SM 5210B	5.5	1.0	mg/L	1	ADK0939	11/16/20 20:19	11/23/20	
Chloride	EPA 300.0	280	1.0	mg/L	1	ADK0948	11/19/20	11/19/20	
Nitrate as N	EPA 300.0	0.73	0.23	mg/L	1	ADK0948	11/19/20 01:24	11/19/20	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	ADK0948	11/19/20 01:24	11/19/20	
Total Dissolved Solids	SM 2540C	910	5.0	mg/L	1	ADK0963	11/20/20	11/23/20	
Total Kjeldahl Nitrogen	EPA 351.2	3.7	1.0	mg/L	1	ADK1075	11/20/20	11/22/20	
Total Nitrogen, IC	CALC	4.4	1.0	mg/L					
Total Suspended Solids	SM 2540D	6.8	5.0	mg/L	1	ADK1149	11/23/20	11/23/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	190	1.0	mg/L	1	ADK1064	11/23/20	11/30/20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ADK1883 FINAL 12032020 1410

CM ANALYTICAL, INC.

6700 Brem Lane #10
GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75452-2
Sample date: 11/17/20
Sample received: 11/17/20
Report date: 11/30/20

All units in mg/L unless otherwise noted.

Sample I.D.:
Type Of Sample:

RM I SBR Effluent
Composite

pH (Units): 7.74
Date of Analysis: 11/17/20
Analytical Method: SM* 4500-H* B
Analyst: G. Grió

NOTE: All wastewater samples are Nitric Acid Digested (SM* 3030 E) prior to analysis for metals unless otherwise noted.

* SM = Standard Methods for the Examination
of Water and Wastewater, 22nd Edition

LAB MANAGER: Geoffrey M. Grió
Geoffrey M. Grió



Certificate of Analysis

Sample ID: ADK1883-03
Sampled By: D. Bribeista
Sample Description: RM | Pond 3 Effluent // 75452-3

Sample Date - Time: 11/17/2020 - 09:47
Matrix: Waste Water
Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Ammonia as N	EPA 350.1	1.7	0.10	mg/L	1	ADK1176	11/18/20	11/23/20	
Biochemical Oxygen Demand	SM 5210B	2.8	1.0	mg/L	1	ADK0939	11/18/20 20:20	11/23/20	
Chloride	EPA 300.0	280	1.0	mg/L	1	ADK0948	11/19/20	11/19/20	
Nitrate as N	EPA 300.0	0.72	0.23	mg/L	1	ADK0948	11/19/20 01:38	11/19/20	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	ADK0948	11/19/20 01:38	11/19/20	
Total Dissolved Solids	SM 2540C	940	5.0	mg/L	1	ADK0963	11/20/20	11/23/20	
Total Kjeldahl Nitrogen	EPA 351.2	2.9	1.0	mg/L	1	ADK1075	11/20/20	11/22/20	
Total Nitrogen, IC	CALC	3.6	1.0	mg/L					
Total Suspended Solids	SM 2540D	ND	5.0	mg/L	1	ADK1149	11/23/20	11/23/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	200	1.0	mg/L	1	ADK1064	11/23/20	11/30/20	

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CM ANALYTICAL, INC.

6700 Brem Lane #10
GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75452-3
Sample date: 11/17/20
Sample received: 11/17/20
Report date: 11/30/20

All units in mg/L unless otherwise noted.

Sample I.D.:
Type Of Sample:

RM I Pond 3 Effluent
Grab

pH (Units): 7.60
Date of Analysis: 11/17/20
Analytical Method: SM* 4500-H⁺ B
Analyst: G. Grió

NOTE: All wastewater samples are Nitric Acid Digested (SM* 3030 E) prior to analysis for metals unless otherwise noted.

* SM = Standard Methods for the Examination of Water and Wastewater, 22nd Edition

LAB MANAGER: Geoffrey M. Grió
Geoffrey M. Grió



Certificate of Analysis

Sample ID: ADL1963-01
 Sampled By: A. Alvares
 Sample Description: RM 1 SBR Influent

Sample Date - Time: 12/16/2020 - 08:42
 Matrix: Waste Water
 Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Biochemical Oxygen Demand	SM 5210B	200	60	mg/L	60	ADL1050	12/17/20 20:01	12/22/20	
Chloride	EPA 300.0	290	1.0	mg/L	1	ADL1033	12/17/20	12/17/20	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	ADL1033	12/17/20 20:42	12/17/20	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	ADL1033	12/17/20 20:42	12/17/20	
Total Dissolved Solids	SM 2540C	880	5.0	mg/L	1	ADL1143	12/21/20	12/21/20	
Total Kjeldahl Nitrogen	EPA 351.2	62	5.0	mg/L	5	ADL1246	12/22/20	12/25/20	
Total Nitrogen, IC	CALC	62	5.0	mg/L					
Total Suspended Solids	SM 2540D	110	5.0	mg/L	1	ADL1102	12/18/20	12/18/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	190	1.0	mg/L	1	ADL1101	12/21/20	12/28/20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CM ANALYTICAL, INC.

6700 Brem Lane #10
GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75648-1
Sample date: 12/16/20
Sample received: 12/16/20
Report date: 12/29/20

All units in mg/L unless otherwise noted.

Sample I.D.:
Type Of Sample:

RM I SBR Influent
Composite

pH (Units): 7.65
Date of Analysis: 12/16/20
Analytical Method: SM 4500-H⁺ B
Analyst: G. Grio

NOTE: All wastewater samples are Nitric Acid Digested (SM 3030 E) prior to analysis for metals unless otherwise noted.

SM = Standard Methods for the Examination of Water and Wastewater, 22nd Edition

LAB MANAGER: Geoffrey M. Grio
Geoffrey M. Grio



Certificate of Analysis

Sample ID: ADL1963-02
 Sampled By: A. Alvares
 Sample Description: RM 1 SBR Effluent

Sample Date - Time: 12/16/2020 - 08:22
 Matrix: Waste Water
 Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Ammonia as N	EPA 350.1	0.81	0.10	mg/L	1	ADL1152	12/21/20	12/21/20	
Biochemical Oxygen Demand	SM 5210B	6.7	1.0	mg/L	1	ADL1050	12/17/20 20:02	12/22/20	
Chloride	EPA 300.0	270	1.0	mg/L	1	ADL1033	12/17/20	12/17/20	
Nitrate as N	EPA 300.0	0.54	0.23	mg/L	1	ADL1033	12/17/20 20:56	12/17/20	
Nitrite as N	EPA 300.0	0.13	0.050	mg/L	1	ADL1033	12/17/20 20:56	12/17/20	
Total Dissolved Solids	SM 2540C	880	5.0	mg/L	1	ADL1143	12/21/20	12/21/20	
Total Kjeldahl Nitrogen	EPA 351.2	3.5	1.0	mg/L	1	ADL1246	12/22/20	12/25/20	
Total Nitrogen, IC	CALC	4.2	1.0	mg/L					
Total Suspended Solids	SM 2540D	5.0	5.0	mg/L	1	ADL1102	12/18/20	12/18/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	200	1.0	mg/L	1	ADL1101	12/21/20	12/28/20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CM ANALYTICAL, INC.

6700 Brem Lane #10
GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75648-3
Sample date: 12/16/20
Sample received: 12/16/20
Report date: 12/29/20

All units in mg/L unless otherwise noted.

Sample I.D.:
Type Of Sample:

RM 1 SBR Effluent
Composite

pH (Units): 7.51
Date of Analysis: 12/16/20
Analytical Method: SM 4500-H B
Analyst: G. Gric

NOTE: All wastewater samples are Nitric Acid Digested (SM 3030 E) prior to analysis for metals unless otherwise noted.

SM = Standard Methods for the Examination of Water and Wastewater, 22nd Edition

LAB MANAGER: Geoffrey M. Gric
Geoffrey M. Gric

Certificate of Analysis

Sample ID: ADL1963-03
Sampled By: A. Alvarez
Sample Description: RM 1 Pond 3 Effluent

Sample Date - Time: 12/16/2020 - 09:50
Matrix: Waste Water
Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Ammonia as N	EPA 350 1	ND	0.10	mg/L	1	ADL1152	12/21/20	12/21/20	
Biochemical Oxygen Demand	SM 5210B	16	4.3	mg/L	4.25	ADL1050	12/17/20 20:03	12/22/20	
Chloride	EPA 300 B	290	1.0	mg/L	1	ADL1033	12/17/20	12/17/20	
Nitrate as N	EPA 300 D	0.37	0.23	mg/L	1	ADL1033	12/17/20 21:10	12/17/20	
Nitrite as N	EPA 300 D	ND	0.050	mg/L	1	ADL1033	12/17/20 21:10	12/17/20	
Total Dissolved Solids	SM 2540C	970	5.0	mg/L	1	ADL1143	12/21/20	12/21/20	
Total Kjeldahl Nitrogen	EPA 351 E	3.0	1.0	mg/L	1	ADL1246	12/22/20	12/25/20	
Total Nitrogen IC	CALC	3.4	1.0	mg/L					
Total Suspended Solids	SM 2540D	29	5.0	mg/L	1	ADL1102	12/18/20	12/18/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	210	1.0	mg/L	1	ADL1101	12/21/20	12/28/20	

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GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75648-3
Sample date: 12/16/20
Sample received: 12/16/20
Report date: 12/29/20

All units in mg/L unless otherwise noted.

Sample I.D.:
Type Of Sample:

RM I Pond 3 Effluent
Grab

pH (Units): 8.24
Date of Analysis: 12/16/20
Analytical Method: SM 4500-H⁺ B
Analyst: G. Gric

NOTE: All wastewater samples are Nitric Acid Digested (SM 3030 E) prior to analysis for metals unless otherwise noted.

SM = Standard Methods for the Examination
of Water and Wastewater, 22nd Edition

LAB MANAGER: *Geoffrey M. Gric*
Geoffrey M. Gric

Section 5



ADL1034

Sunnyslope County WD NonEDT

Sunnyslope CWD 75566

Certificate of Analysis

Sample ID: ADL1034-01

Sampled By: K. Castro

Sample Description: WWMW Southside Rd // 75566-1

Sample Date - Time: 12/08/2020 - 09:50

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Table with 10 columns: Analyte, Method, Result, RL, Units, RL Mult, Batch, Prepared, Analyzed, Qual. Rows include Chloride, Nitrate as N, Nitrite as N, Total Dissolved Solids, Total Kjeldahl Nitrogen, and Total Nitrogen. IC.

Metals

Table with 10 columns: Analyte, Method, Result, RL, Units, RL Mult, Batch, Prepared, Analyzed, Qual. Row includes Sodium.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CM ANALYTICAL, INC.

6700 Brem Lane #10
GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75566-1
Sample date: 12/8/20
Sample received: 12/8/20
Report date: 12/29/20

All units in mg/L unless otherwise noted.

Sample I.D.:

WWMW Southside Rd.

pH (Units):

7.41

Date of Analysis: 12/8/20
Analytical Method: SM' 4500-H' B
Analyst: G. Gric

NOTE: All wastewater samples are Nitric Acid Digested (SM' 3030 E) prior to analysis for metals unless otherwise noted.

SM = Standard Methods for the Examination of Water and Wastewater, 22nd Edition

LAB MANAGER:

Geoffrey M. Gric
Geoffrey M. Gric



ADL1034

Sunnyslope County WD NonEDT

Sunnyslope CWD 75566

Certificate of Analysis

Sample ID: ADL1034-02
 Sampled By: K. Castro
 Sample Description: WWMW RM II Pond 2 // 75566-2

Sample Date - Time: 12/08/2020 - 09:10
 Matrix: Water
 Sample Type: Grab

**BSK Associates Laboratory Fresno
 General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Chloride	EPA 300.0	550	2.0	mg/L	2	ADL0549	12/09/20	12/09/20	
Nitrate as N	EPA 300.0	3.5	0.46	mg/L	2	ADL0549	12/09/20 20:12	12/09/20	
Nitrite as N	EPA 300.0	ND	0.10	mg/L	2	ADL0549	12/09/20 20:12	12/09/20	OK 0
Total Dissolved Solids	SM 2540C	1200	5.0	mg/L	1	ADL0568	12/10/20	12/10/20	
Total Kjeldahl Nitrogen	EPA 351.2	ND	1.0	mg/L	1	ADL0608	12/10/20	12/13/20	MS 2
Total Nitrogen IC	CALC	3.5	1.0	mg/L					

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Sodium	EPA 200.7	210	1.0	mg/L	1	ADL0587	12/10/20	12/16/20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be read in its entirety.

CM ANALYTICAL, INC.

6700 Brem Lane #10
GILROY, CA 95020
(408) 848-3619

CERTIFICATION # 1423

ANALYTICAL REPORT

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

Laboratory Log No.: 75566-Z
Sample date: 12/8/20
Sample received: 12/8/20
Report date: 12/29/20

All units in mg/L unless otherwise noted.

Sample I.D.:

WWMW RM II Pond 2

pH (Units): 7.48
Date of Analysis: 12/8/20
Analytical Method: SM 4500-H⁺ E
Analyst: G. Gric

NOTE: All wastewater samples are Nitric Acid Digested (SM 3030 E) prior to analysis for metals unless otherwise noted.

SM = Standard Methods for the Examination of Water and Wastewater, 22nd Edition

LAB MANAGER: Geoffrey M. Gric
Geoffrey M. Gric