

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

REPORT OF OPERATION ON WASTEWATER TREATMENT

PLANT Arrington Vineyards SOP-11022
COUNTY Williamson
MONTH OF December YEAR 2023

DATE	RAINFALL (0.1")	INFLUENT FLOW (MGD)	INFLUENT MAX FLOW (MGD)	EFFLUENT FLOW (GPD)	HOURS BYPASSED	TEMPERATURE INFLUENT (C)	TEMPERATURE EFFLUENT (C)	5 DAY CBOD / BOD				AMMONIA NITROGEN				SUSPENDED SOLIDS				SETTLABLE SOLIDS		DISSOLVED OXYGEN		pH		FINAL EFFLUENT					
								INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (STANDARD UNITS)	EFFLUENT (STANDARD UNITS)	E. coli	TOTAL CHLORINE RESIDUAL (mg/L)	POUNDS OF CHLORINE	POUNDS OF CHLORINE	POUNDS OF SULFUR DIOXIDE	SETTLEOMETER
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1																															
2				297																											
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27																															
28				297																											
29																															
30				297																											
31																															
TOTAL	0.000			3267	0.0	0	0	0	0	0	0	0.0		0.00	0	0	0	0	0	0.0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0	
AVERAGE	0.000			297	0.0	0	0	0	0	0	####	0.0	0.00	0.00	####	0	0	0	####	0.0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0	
MAXIMUM	0.000	0.000		297	0.0	0	0	0	0	0	0	0.0	0.00	0.00	0	0	0	0	0	0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0	
MINIMUM	0.000			297	0.0	0	0	0	0	0	0	0.0	0.00	0.00	0	0	0	0	0	0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0	

REMARKS * Flowmeter not functioning properly - flows based on average calculated flow

CERTIFIED OPERATOR SIGNATURE

[Handwritten Signature]

CERTIFICATION NO.

3126

GRADE

4

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

REPORT OF OPERATION ON WASTEWATER TREATMENT

PLANT Arrington Vineyards SOP-11022
COUNTY Williamson
MONTH OF October YEAR 2023

DATE	RAINFALL (0.1")	INFLUENT FLOW (MGD)	INFLUENT MAX FLOW (MGD)	EFFLUENT FLOW (GPD)	HOURS BYPASSED	TEMPERATURE INFLUENT (C)	TEMPERATURE EFFLUENT (C)	5 DAY CBOD / BOD				AMMONIA NITROGEN				SUSPENDED SOLIDS				SETTLABLE SOLIDS		DISSOLVED OXYGEN		pH		FINAL EFFLUENT					
								INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (STANDARD UNITS)	EFFLUENT (STANDARD UNITS)	E. coli	TOTAL CHLORINE RESIDUAL (mg/L)	POUNDS OF CHLORINE	POUNDS OF SULFUR DIOXIDE	SETTLEOMETER	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
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11				416																											
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13				35																											
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16				678																											
17																															
18																															
19				13																											
20																															
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23				645																											
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25				28																											
26				20																											
27																															
28																															
29																															
30				494																											
31																															
TOTAL	0.000			2329	0.0	0	0	0	0	0	0	0.0		0.00	0	0	0	0	0	0.0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0	
AVERAGE	0.000			291	0.0	0	0	0	0	0	####	0.0	0.00	0.00	####	0	0	0	####	0.0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0	
MAXIMUM	0.000	0.000		678	0.0	0	0	0	0	0	0	0.0	0.00	0.00	0	0	0	0	0	0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0	
MINIMUM	0.000			13	0.0	0	0	0	0	0	0	0.0	0.00	0.00	0	0	0	0	0	0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0	

REMARKS _____

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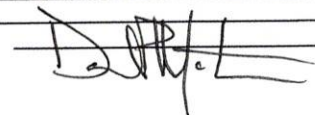
REPORT OF OPERATION ON WASTEWATER TREATMENT

PLANT Arrington Vineyards SOP-11022
COUNTY Williamson
MONTH OF November YEAR 2023

DATE	RAINFALL (0.1")	INFLUENT FLOW (MGD)	INFLUENT MAX FLOW (MGD)	EFFLUENT FLOW (GPD)	HOURS BYPASSED	TEMPERATURE INFLUENT (C)	TEMPERATURE EFFLUENT (C)	5 DAY CBOD / BOD				AMMONIA NITROGEN				SUSPENDED SOLIDS				SETTLABLE SOLIDS		DISSOLVED OXYGEN		pH		FINAL EFFLUENT				
								INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (STANDARD UNITS)	EFFLUENT (STANDARD UNITS)	E. coli	TOTAL CHLORINE RESIDUAL (mg/L)	POUNDS OF CHLORINE	POUNDS OF SULFUR DIOXIDE	SETTLEOMETER
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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20				297	*							2.03																		
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25																														
26																														
27				297	*																									
28																														
29																														
30																														
31																														
TOTAL	0.000			363	0.0	0	0	0	0	0	0	0.0		0.00	0	0	0	0	0	0.0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0
AVERAGE	0.000			182	0.0	0	0	0	0	0	####	0.0	2.03	0.00	####	0	0	0	####	0.0	0.0	0.00	0.00	0.00		0	0.00	0	0	0
MAXIMUM	0.000	0.000		347	0.0	0	0	0	0	0	0	0.0	2.03	0.00	0	0	0	0	0	0	0.0	0.00	0.00	0.00	0.00	0	0.00	0	0	0
MINIMUM	0.000			16	0.0	0	0	0	0	0	0	0.0	2.03	0.00	0	0	0	0	0	0	0	0.0	0.00	0.00	0.00	0	0.00	0	0	0

REMARKS * Flowmeter not functioning properly - flows for 20th and 27th based on average calculated flow

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