TENNESSEE DEPARTMENT OF PUBLIC HEALTH

DIVISION OF WATER QUALITY

REPORT OF OPERATION OF SEWER TREATMENT PLANT FOR March, 2024

AT AEROJET, JONESBOROUGH, WASHINGTON COUNTY

	INFLUENT				MIXED LIQUOR			EFFLUENT								SLUDGE DISPOSAL		
DATE	TIME	WASTE FLOW GAL/MIN	B.O.D. Mg/L	TSS Mg/L	pH S.U.	SETTLE SOLIDS Ml/L	D.O. AERATION Mg/L	B.O.D. Mg/L	TSS Mg/L	SETTLE SOLIDS Ml/L	DISSOLV. OXYGEN Mg/L	RESIDUAL CHLORINE Mg/L	E-COLI /100ml	pH S.U.	AMMONIA NITROGEN Mg/L	CLA. SLUDGE DEPTH FEET	WASTE TO HOLD TANK GAL	HOLD TANK TO DISPOSAL GAL
1																		
2																		
3																		
4																		
5	1630	1.84			6.8	640	4.7			<0.1	5.7	MNR	4.2	6.9				
6																		
7	1615	2.7	27.5	350	6.6	750	5.1	<5	12	<0.1	6.3	MNR		6.6	<0.100			
8																		
9																		
10																		
11																		
12	1630	1.46			6.9	680	5.5			<0.1	7.3	MNR	138.7	6.9				
13																		
14	1630	1.7	189	250	7.1	400	4.6	<5	10	<0.1	6.7	MNR		7.2	<0.100			
15																		
16																		
17																		
18																		
19	1600	0.86			7	850	9			<0.1	8.5	MNR		7.2				
20																		
21	1700	1.51			6.8	670	5.9			<0.1	6.3	MNR		6.7				
22																		
23																		
24																		
25																		
26	1600	0.83			6.8	770	6.2			<0.1	7.5	MNR		6.8				
27																		
28	1730	0.96			7.5	420	6.1			<0.1	8.3	MNR		7.6			1100	1100
29																		
30																		
31																		
TOTAL		11.86	216.5	600	55.5	5180	47.1	<5	22	0.92	56.6	MNR	142.9	55.9	< .2	0		
AVG.		1.4825	108.25	300	6.9375	5180	5.8875	<5	11	0.3	7.08	MNR	71.45	6.9875	< .1	#DIV/0!	0	0
MAX.		2.7	189	350	7.5	850	9	<5	12	<0.1	8.50	MNR	138.7	7.6	< .1	0	0	0
MIN.		0.83	27.5	250	6.6	400	4.6	< 5.0	10	< 0.1	5.7	MNR	4.2	6.6	< .1	0	0	0
												GEO. MEAN	24.135865					

I certify that the submitted information is accurate and complete. I further certify that all sampling was performed in accordance with approved procedures and all analyses were performed in accordance with 40 CFR Part 136. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE OF OPERATOR Kevin S Shelton **DATE** 4/3/2024

LICENSE NUMBER NPDES TN0057983 LIC NUMBER 15387 **PHONE NUMBER** 423-753-1399

ANALYSES PERFORMED BY OUTSIDE LABORATORY YES **LABORATORY USED** Waypoint Analytical

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER Kevin S Shelton **DATE** 4/3/2024

RECEIVED
APR 04 2024
JOHNSON CITY
ENV. FIELD OFFICE

080-99-033, R1
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