

Units	Daily Flow			Aeration Tank 1			Aeration Tank 2			pH			Temp			Turbidity			Transmitt			Effluence			D.O.			BOD (5-Day)		
	Max	Min	Total	MISS	SVI	High D.O.	Low D.O.	MISS	SVI	High D.O.	Low D.O.	Influent	Effluent	Influent	Effluent	Solids	Solids	Influent	Effluent	%	%	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	
	MGD					MG/L				MG/L		S.U.		FAHRENHEIT	ML/L	NTU	mlns	Effluent	Effluent	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	
Testing	Daily																													
1	0.32976	0.0432	0.171	1868	480	2.6	2.4	1568	400	3.2	3	6.7	5.9	65	68	0	0.5	30	96											
2	0.30095	0.04752	0.148	2372	410	2.4	2.2	2340	440	2	1.6	6.7	7	63	68	0	0.7	15	96<2											
3	0.32832	0.0464	0.164	2032	500	1	0.7	1488	380	3	2.8	6.8	7	67	68	0	0.9	22	96											
4	0.3024	0.03024	0.163																											
5	0.30096	0.04896	0.139	1296	400	4	3.6	1852	380	3.5	2.9	6.5	6.9	65	68	0	0.8	30	95											
6	0.31104	0.04752	0.135																											
7	0.34416	0.04464	0.141																											
8	0.32688	0.04896	0.143	1128	280	3	2.9	1104	240	3.5	3.1	6.5	7	66	70	0	0.6	6	94											
9	0.32688	0.02736	0.143	2820	220	3.7	2.9	2464	240	3.9	3.8	6.7	7	66	68	0	0.6	94<2												
10	0.29376	0.04276	0.133	2566	300	4	3.8	1016	400	3.4	2.9	6.6	7.1	67	70	0	0.8	15	94											
11	0.31968	0.0432	0.139	1864	290	3.7	3.1	1672	340	4.2	3.9	6.9	6.9	65	68	0	0.5	15	90											
12	0.3096	0.03312	0.14	1260	320	3.3	2.9	1496	400	3.9	3.5	6.5	6.9	67	68	0	0.5	15	90											
13	0.29952	0.04126	0.148																											
14	0.36144	0.04608	0.14																											
15	0.3024	0.04176	0.137	976	200	1.9	1.3	1880	400	2	1.7	6.9	7	64	68	0	0.6	12	95											
16	0.28512	0.04176	0.139	1096	240	2.6	1.9	1252	310	3.1	3	6.5	7	67	70	0	0.7	6	95<2											
17	0.28944	0.05616	0.141	756	280	3.6	3.4	972	240	2.4	2	6.7	6.9	69	70	0	0.6	4	95											
18	0.29088	0.05184	0.141	1468	360	2.7	2.2	1696	410	0.9	0.7	6.9	7	68	72	0	0.8	7	94											
19	0.3184	0.04176	0.135	1716	310	2.7	2.4	1220	290	3.1	3	6.6	6.9	69	72	0	0.9	12	95											

Units	Daily Flow			Aeration Tank 1			Aeration Tank 2			pH			Temp			Turbidity			Transmitt			Effluence			D.O.			BOD (5-Day)		
	Max	Min	Total	MISS	SVI	High D.O.	Low D.O.	MISS	SVI	High D.O.	Low D.O.	Influent	Effluent	Influent	Effluent	Solids	Solids	Influent	Effluent	%	%	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent		
	MGD					MG/L				MG/L		S.U.		FAHRENHEIT	ML/L	NTU	mlns	Effluent	Effluent	Weekly	Weekly	Weekly	Weekly	MG/L	MG/L	INF.	EFF.	% Removed	INF.	
Testing	Daily																													
1	0.32976	0.0432	0.171	1868	480	2.6	2.4	1568	400	3.2	3	6.7	5.9	65	68	0	0.5	30	96											
2	0.30095	0.04752	0.148	2372	410	2.4	2.2	2340	440	2	1.6	6.7	7	63	68	0	0.7	15	96<2											
3	0.32832	0.0464	0.164	2032	500	1	0.7	1488	380	3	2.8	6.8	7	67	68	0	0.9	22	96											
4	0.3024	0.03024	0.163																											
5	0.30096	0.04896	0.139	1296	400	4	3.6	1852	380	3.5	2.9	6.5	6.9	65	68	0	0.8	30	95											
6	0.31104	0.04752	0.135																											
7	0.34416	0.04464	0.141																											
8	0.32688	0.04896	0.143	1128	280	3	2.9	1104	240	3.5	3.1	6.5	7	66	70	0	0.6	6	94											
9	0.32688	0.02736	0.143	2820	220	3.7	2.9	2464	240	3.9	3.8	6.7	7	66	68	0	0.6	94<2												
10	0.29376	0.04276	0.133	2566	300	4	3.8	1016	400	3.4	2.9	6.6	7.1	67	70	0	0.8	15	94											
11	0.31968	0.0432	0.139	1864	290	3.7	3.1	1672	340	4.2	3.9	6.9	6.9	65	68	0	0.5	15	94											
12	0.3096	0.03312	0.14	1260	320	3.3	2.9	1496	400	3.9	3.5	6.5	6.9	67	68	0	0.5	15	90											
13	0.29952	0.04126	0.148																											
14	0.36144	0.04608	0.14																											
15	0.3024	0.04176	0.137	976	200	1.9	1.3	1880	400	2	1.7	6.9	7	64	68	0	0.6	12	95											
16	0.28512	0.04176	0.139	1096	240	2.6	1.9	1252	310	3.1	3	6.5	7	67	70	0	0.7	6	95<2											
17	0.28944	0.05616	0.141	756	280	3.6	3.4	972	240	2.4	2	6.7	6.9	69	70	0	0.6	4	95											
18	0.29088	0.05184	0.141	1468	360	2.7	2.2	1696	410	0.9	0.7	6.9	7	68	72	0	0.8	7	94											
19	0.3184	0.04176	0.135	1716	310	2.7	2.4	1220	290	3.1	3	6.6	6.9	69	72	0	0.9	12	95											
20	0.31392	0.04896	0.16																											
21	0.32976	0.05328	0.161																											
22	0.38644	0.04176	0.165	1888	360	3.4	3	1096	260	2.3	1.9	6.4	6.9	67	69	0	0.6	6	94											
23	0.75888	0.0464	0.157	1828	260	1.9	1.7	3144	320	3.6	3.4	6.8	7	70	72	0	0.4		95<2											
24	0.39024	0.05616	0.165	1680	320	2.6	2.4	1224	280	1.9	1.7	6.7	7	70	72	0	0.8		96											
25	0.32688	0.0576	0.16	1128	300	1.4	1	1092	300	0.4	0.2	6.8	6.9	69	72	0	0.4		95											
26	0.34416	0.0504	0.157	1296	300	2.7	2.1	1280	300	3.1	3	6.3	7	70	73	0	0.6	6	96											
27	0.34848	0.04608	0.154																6	94										
28	0.36576	0.04752	0.156																											
29	0.34992	0.03888	0.151	1448	300	2.9	2.4	1448	300	3.6	3.4	6.5	7	67	72	0	0.7		96											
30	0.35865	0.03024	0.147	2255	330	3.4	3.1	2088	310	1.9	2.7	6.5	7	67	73	0	0.4		95<2											
31	0.33284	0.0576	0.16	2346	340	4.4	0.9	2412	340	1.9	1.1	6.7	7	67	72	0	0.5	8	94											

Upended Solids EFF. % Removed 3/L	Ammonia		Nitrite		Nitrate		TKN		Total N		Ortho Phosphate		Alkalinity	
	INF.	EFF.	INF.	EFF.	INF.	EFF.	INF.	EFF.	INF.	EFF.	INF.	EFF.	INF.	EFF.
Weekly	MG/L		MG/L		MG/L		MG/L		MG/L	# / Day	MG/L		MG/L	
ND	100	29.9	0.12	ND	ND	0.16	42.5	0.96	42.5	1.12	1.4	0.05	0.03	174 <20
2	97.2972973													
4	93.93939394													
2	99.15254237													

Sudge Disposal Location:
Mattabasset Sewer District

Please return forms to:

DEEP - Water Bureau
ATTN: Municipal Wastewater Monitoring Coordinator
Municipal Facilities
79 Elm Street
Hartford, CT 06106-5127

Statement of Acknowledgement

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

Authorized Official

Title:

Signature:

Operator
John EH



Connecticut DEP

Manage Access Requests	Search All DMRs & CORs Permits Users	Unscheduled DMRs Unscheduled DMRs	Import DMRs Perform Import Check Results	Update NODI Check Results	View Permits Users DMR Signing Status	Download Blank DMR Form
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Session Lockout Timer: 29:34

Signing Process Confirmation - CDX Activity ID: ...3bdc5835-98e2-4e5e-8c42-50352b8e4904

Your DMRs are undergoing the Signing Process

Permit ID	Facility	Permitted Feature	Discharge #	Discharge Description	Monitoring Period End Date	DMR Due Date
CT0101745	DEEP RIVER WPCF	001	001-1	SANITARY SEWAGE	07/31/19	09/15/19

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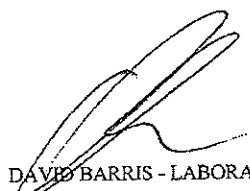


ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample ID#: 126430
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client
Sample Date: 7/30/2019
Receipt Date: 7/30/2019
Report Date: 8/7/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	96.8	mg/L	SM5210B	2	7/31/2019	KC
Total Suspended Solids	236	mg/L	SM2540D	1	8/2/2019	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

(203) 245-0568 Phone
(203) 318-9330 Fax

Phone: 860-526-6044

Influent/Effluent Testing

John Ely

[illegible]

Date _____

Date

Are containers broken/leaking? Y/N
Did Samples need to be split upon receipt? Y/N
Were Samples presented properly? Y/N

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ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 7/30/2019
Receipt Date: 7/30/2019
Report Date: 7/31/2019
Sample Site: Effluent

Sample ID#: 126432
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	7/30/2019	DB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	7/30/2019	DB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 7/23/2019
Receipt Date: 7/23/2019
Report Date: 7/30/2019
Sample Site: Influent

Sample ID#: 126226
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	207	mg/L	SM5210B	2	7/24/2019	KC
Total Suspended Solids	66.0	mg/L	SM2540D	1	7/26/2019	JB

A handwritten signature in black ink, appearing to be "DB", is written over the printed name of David Barris.

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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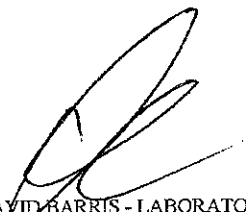
Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126228
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Sample Date: 7/23/2019
Receipt Date: 7/23/2019
Report Date: 7/25/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	7/23/2019	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	7/23/2019	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

(203) 245-0568 Phone
(203) 318-0830 Fax

Weekly

Influent/Effluent Testing

Fax:

Samplers Name: (Print)

John Eli

[illegible]

relinquished by:

~~Relinquished by:~~

Date	Time	Received by:
		<i>[Signature]</i> 7/16/10
Date	Time	Received by:
		<i>[Signature]</i> 9/14/10

Were Samples received within holding time? ☒ Y ☐ N
Were Samples chilled upon receipt? ☒ Y ☐ N
Were Samples in appropriate containers? ☒ Y ☐ N
If No Explain _____

Are containers broken/leaking? Y ☒ N ☐
Did Samples need to be split upon receipt? Y ☐ N ☒
Were Samples presented properly? Y ☒ N ☐

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Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample ID#: 126075
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client
Sample Date: 7/16/2019
Receipt Date: 7/16/2019
Report Date: 7/23/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	2.46	mg/L	SM5210B	2	7/17/2019	KC
Total Suspended Solids	2.00	mg/L	SM2540D	1	7/19/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 7/16/2019
Receipt Date: 7/16/2019
Report Date: 7/18/2019
Sample Site: Effluent

Sample ID#: 126076
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	7/16/2019	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	7/16/2019	JB

A handwritten signature in black ink, appearing to read "David Barris", is written over the printed name.

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 7/9/2019
Receipt Date: 7/9/2019
Report Date: 7/17/2019
Sample Site: Influent

Sample ID#: 125890
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	162	mg/L	SM5210B	2	7/10/2019	KC
Total Suspended Solids	426	mg/L	SM2540D	1	7/12/2019	JB

A handwritten signature in black ink, appearing to read "David Barris", is positioned above the printed name.

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

7005 Boston Post Road
Madison, CT 06443

(203) 245-0568 Phone
(203) 318-0830 Fax

Contact: Mr. Peter Lewis

Address: 99 Winter Ave, Deep River, CT 06417

Phone: 860-526-6044

Samplers Name: (Print)

5/13/20

5/13/20

[illegible]

Relinquished by:

Received by:

5/16/12

Time

Date _____

Relinquished by:

Received by: W. J. J.

153

Time

Date _____

Were Samples received within holding time? ☒ Y ☐ N
 Were Samples chilled upon receipt? ☒ Y ☐ N *6.0 oc*
 Were Samples in appropriate containers? ☒ Y ☐ N
 If No Explain _____

Are containers broken/leaking? Y/N
 Did Samples need to be split upon receipt? Y N
 Were Samples presented properly? Y N

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Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 7/9/2019
Receipt Date: 7/9/2019
Report Date: 7/11/2019
Sample Site: Effluent

Sample ID#: 125892
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	7/9/2019	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	7/9/2019	JB

A handwritten signature in black ink, appearing to read 'David Barris', is written over the printed name 'DAVID BARRIS - LABORATORY DIRECTOR'.

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample ID#: 125761
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client
Sample Date: 7/2/2019
Receipt Date: 7/2/2019
Report Date: 7/9/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical Alkalinity	174	mg/L	SM2320-B	20	7/8/2019	KC

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

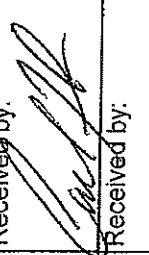
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1005 Boston Post Road
Madison, CT 06443

(203) 245-0568 Phone
(203) 318-0830 Fax

Client: Town of Deep River-WPCF Contact: Mr. Peter Lewis Address: 99 Winter Ave, Deep River, CT 06417 Phone: 860-526-6044 Fax:				Project: Monthly + Weekly Influent/Effluent Testing										
PWSID#:		Samplers Name: (Print)												
System Type:		John Ely												
Client I.D.	Sampling Location	Date	Time	Sample Type			Number of Containers	Required Analysis				Cl ₂ Res.	ECL Sample I.D.#	
				Water	Solid	Grab		Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	Fecal/Enterococcus May-Oct			1 - 16oz
	Influent (Monthly)	7/2	8:40	X		X	2	X	X					125759
	Effluent (Monthly)	7/2	8:30	X		X	2	X	X					125760
	Influent (Monthly)	7/2	8:40	X		X	1		X					125761
	Effluent (Monthly)	7/2	8:30	X		X	1		X					125762
	Influent (Weekly)	7/2	8:40	X		X	1			X				
	Effluent (Weekly)	7/2	8:30	X		X	1			X				
	Effluent (Weekly)	7/2	8:25	X		X	1				X	1 - Bact.		

Relinquished by:  Date: 7/2 Time: 9:30

Received by:  Date: 7/2/15 Time: 9:30

Were Samples received within holding time? (Y) N
 Were Samples chilled upon receipt? (Y) N / 90°C
 Were Samples in appropriate containers? (Y) N
 If No Explain _____

Are containers broken/leaking? (Y) N
 Did Samples need to be split upon receipt? (Y) N
 Were Samples preserved properly? (Y) N

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ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 7/2/2019
Receipt Date: 7/2/2019
Report Date: 7/15/2019
Sample Site: Effluent

Sample ID#: 125760
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	0.12	mg/L	ASTM D6919-03	0.05	7/8/2019	KC
Nitrate as N	0.16	mg/L	EPA300.0	0.1	7/3/2019	JB
Nitrite as N	ND	mg/L	EPA300.0	0.01	7/3/2019	JB
Orthophosphate as P	0.03	mg/L	EPA300.0	0.02	7/3/2019	JB
Phosphorous -Total as P	0.05	mg/L	EPA 200.7	0.04	7/10/2019	JB
TKN as N	0.96	mg/L	4500NorgC	0.5	7/12/2019	KC
Total Nitrogen as N	1.12	mg/L	CALC	1	7/15/2019	KC

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

1005 BOSTON POST ROAD
MADISON, CT 06443
Phone 203-245-0568
FAX 203-318-0830
Connecticut Certification PH-0535
www.eclinconline.com



ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample ID#: 125764
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client
Sample Date: 7/2/2019
Receipt Date: 7/2/2019
Report Date: 7/9/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	7/3/2019	JB
Total Suspended Solids	ND	mg/L	SM2540D	1	7/3/2019	JB

A handwritten signature in black ink, appearing to read "David Barris", is written over a horizontal line.

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

Date 7/31/19 Day Wednesday Time 7 AM Temp 67°
Precipitation 0 Weather humid

LAB

Thickened Sludge 6 / 4 W.A.S. 8 / 8

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 20

Run Trailer Mounted Generators 70 Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15791748 Parshall Flume 7610730
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 74°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 160210 Max 231 Min 40 Avg 111

SBR Building

UV Operation 94 % Pump Number 142 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 142 Speed high low
Standby 3 W.A.S. Blowers 4 Speed high
Waste Cycle 301 35 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:00	7:10	67°	6.7	.8	1.2	10	XXXX	230
301	9:40	9:45	72°	6.8	.9	1.4	340	XXXX	270
302	11:45	11:50	72°	6.9	1.1	1.9	340	XXXX	260
Effluent	9:05	7:15	72°	7.0	7.1	7.2	0	.5	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4147	0.4734	2346		
302	25	0.4118	0.4721	2412		
Effluent	1000	0.	0.			

Date 7/30/19 Day Tuesday Time 7am Temp 64°
 Precipitation 0 Weather humid

LAB

Thickened Sludge 10 / 2 WAS 5 / 5
Ops Building

Heating Fuel 2900 Gallons Generator Hours 946 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure
Lower Pump Station

Pumped Flow 15686097 Parshall Flume 7507730
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 69°
 Heat no Grinder ✓ Hydraulic Level ✓

Gallons 8 147090 Max 249 Min 21 Avg 102

SBR Building

UV Operation 95 % Pump Number 142 Clean Water Screens Ted
 Air Valves ✓ Slide Gates ✓ SBR Blowers 142 Speed High / Low

Standby 3 W.A.S Blowers 4 Speed high
 Waste Cycle 301 0 min Waste Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:10	7:20	67°	6.5	.8	.9	14	XXXX	260
301	9:50	9:55	73°	6.9	3.1	3.4	330	XXXX	240
302	7:45	7:50	73°	6.7	2.7	3.1	310	XXXX	230
Effluent	7:05	7:15	73°	7.0	5.4	6.9	0	.4	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4134	0.4698	2256		
302	25	0.4108	0.4610	2008		
Effluent	1000	0.	0.			

Date 7/29/19 Day Monday Time 7AM Temp 70°
 Precipitation 0 Weather muggy
LAB
 Thickened Sludge 10 / 2 W.A.S. 7 / 7
Ops Building
 Heating Fuel 2910 Gallons Generator Hours 946 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour 20
 Run Trailer Mounted Generators no Boiler Temp Boiler Pressure
Lower Pump Station
 Pumped Flow 15667381 Parshall Flume 7363400
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 70°
 Heat no Grinder ✓ Hydraulic Level ✓
 Gallons 150800 Max 243 Min 27 Avg 105
SBR Building
 UV Operation 96 % Pump Number 1+2 Clean Water Screens red
 Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high + low
 Standby 3 W.A.S Blowers 4 Speed high
 Waste Cycle 301 0 min Waster Cycle 302 0 min
Lab Work
 Sampler Initials JE Analyst Initials JE
 Compositor Date and Time On 7/29/19 @ 7:45 Compositor Date and Time Off 7/30/19 @ 8:30

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:05	7:15	67°	6.6	1.0	1.4	8	XXXX	240
301	9:50	9:55	72°	7.0	2.4	2.9	300	XXXX	210
302	7:50	7:55	73°	6.7	3.4	3.6	300	XXXX	230
Effluent	7:10	7:20	72°	7.0	6.4	6.9	0	.7	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4119	0.4481	1448		
302	25	0.4111	0.4483	1488		
Effluent	1000	0.	0.			

Date 5/28/19 Day Sunday Time 7 AM Temp 67°
Precipitation 0 Weather Nice

LAB

Thickened Sludge 10 / 2 W.A.S. 6 / 6

Ops Building

Heating Fuel 2884 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15653388 Parshall Flume 7209780

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 70°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 155590 Max 254 Min 33 Avg 108

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens ✓ perfect

Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high flow

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JC

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 7/27/19 Day Saturday Time 630 Temp 67°
Precipitation 0 Weather hot

LAB

Thickened Sludge 10 / 2 W.A.S. 4 / 4

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15638857 Parshall Flume 7054450

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 70°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 154180 Max 272 Min 32 Avg 107

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓ perfect

Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high / low

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials Analyst Initials

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 7/26/19 Day Friday Time 7Am Temp 67°
Precipitation 0 Weather nice

LAB

Thickened Sludge 9 / 2 W.A.S 9 / 9

Ops Building

Heating Fuel 2810 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15612683 Parshall Flume 6899740
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 70°
Heat off Grinder ✓ Hydraulic Level ✓

Gallons 156610 Max 239 Min 35 Avg 109

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens red
Air Valves ✓ Slide Gates ✓ SBR Blowers high Speed low
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Cdmpositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:00	7:10	70°	6.3	2.9	3.0	8	XXXX	230
301	9:50	9:55	73°	6.7	2.1	2.7	300	XXXX	220
302	7:45	7:50	73°	6.9	3.0	3.1	300	XXXX	240
Effluent	7:05	7:15	73°	7.0	7.0	7.0	0	.6	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4102	0.4426	1296		
302	25	0.4118	0.4438	1280		
Effluent	1000	0.	0.			

Date 7/25/19 Day Thursday Time 7am Temp 67°
Precipitation 0 Weather Nice

LAB

Thickened Sludge 9 / 2 W.A.S 9 / 9

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15590061 Parshall Flume 6762340
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 159560 Max 227 Min 40 Avg 111

SBR Building

UV Operation 95 % Pump Number 142 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 142 Speed low
Standby 3 W.A.S Blowers 4 Speed high B301 High
Waste Cycle 301 0 min Waster Cycle 302 0 min B302 Low

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:45	7:55	69°	6.8	1.0	1.2	10	XXXX	240
301	9:50	9:55	73°	6.8	1.0	1.4	300	XXXX	210
302	11:50	11:55	72°	6.9	1.2	1.4	300	XXXX	210
Effluent	7:40	7:50	72°	6.9	6.5	7.0	0	0.4	910

Sample	WL	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4119	0.4401	1128		
302	25	0.4124	0.4397	1092		
Effluent	1000	0.	0.			

Date 7/24/19 Day Wednesday Time 600 Temp 64°
Precipitation 2.5 Weather Clear

LAB

Thickened Sludge 9 / 2 W.A.S. 10 / 10

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15693941 Parshall Flume 6510010

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 164930 Max 271 Min 39 Avg 114

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed low

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:25	70°	6.7	1.0	1.3	10	XXXX	290
301	8:00	8:05	72°	6.9	2.4	2.6	320	XXXX	260
302	6:00	6:05	72°	6.7	1.7	1.9	280	XXXX	230
Effluent	7:10	7:20	72°	7.0	863	6.9	0	6	210

Sample	MIL	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4118	0.4538	1680		
302	25	0.4103	0.4409	1224		
Effluent	1000	0.	0.			

Date 7/23/19 Day Tuesday Time 7 AM Temp 69°
Precipitation 1.75" Weather Rain

LAB

Thickened Sludge 8 / 2 W.A.S. 14 / 10 ?

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15541960 Parshall Flume 6423600
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 74°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 156910 Max 527 Min 31 Avg 109

SBR Building

UV Operation 95 % Pump Number 112 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 112 Speed low

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:05	7:15	70°	6.8	1.4	1.9	8	XXXX	260
301	10:10	10:15	73°	6.6	1.7	1.9	260	XXXX	230
302	7:40	7:45	72°	6.9	3.4	3.6	320	XXXX	260
Effluent	7:10	7:20	72°	7.0	6.7	7.0	0	.4	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4126	0.4583	1828		
302	25	0.4113	0.4899	3144		
Effluent	1000	0.	0.			

Date 7/22/19 Day Monday Time 7 AM Temp 72°
 Precipitation 0 Weather humid

LAB

Thickened Sludge 8 / 2 W.A.S. 13 / 9

Ops Building

Heating Fuel 2620 Gallons Generator Hours 946 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp ✓ Boiler Pressure ✓

Lower Pump Station

Pumped Flow 15521504 Parshall Flume 6260770

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 76°

Heat ✓ Grinder grinder was off Hydraulic Level ✓

Gallons 145230 Max 251 Min 29 Avg 161

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed low

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min
6 mins

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On 7/22/19 @ 8:10 Compositor Date and Time Off 7/23/19 @ 8:30

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:00	7:10	67°	6.4	.8	1.2	8	XXXX	210
301	10:00	10:05	73°	6.8	3.0	3.4	360	XXXX	240
302	8:00	8:05	73°	6.8	1.9	2.3	260	XXXX	210
Effluent	7:05	7:15	69°	6.9	6.7	7.0	0	.6	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4109	0.4581	1888		
302	25	0.4116	0.4390	1096		
Effluent	1000	0.	0.			

Date 2/21/19 Day Sunday Time 745 Temp 87°
Precipitation 0 Weather hot

LAB

Thickened Sludge 9 / 2 W.A.S. 12 / 8

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____
Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 160890 Max 229 Min 37 Avg 112

SBR Building

UV Operation 95 % Pump Number 142 Clean Water Screens ✓

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____ min Waster Cycle 302 _____ min

Lab Work

Sampler Initials _____ Analyst Initials _____

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 7/20/19 Day Saturday Time 8:00 Temp 84°
Precipitation 0 Weather hot

LAB

Thickened Sludge 9 / 2 W.A.S. 9.5 / 8.5

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow — Parshall Flume —

Lead — Lag — 2nd Lag — Wet Well Level — Temp —

Heat — Grinder — Hydraulic Level —

Gallons 160390 Max 218 Min 34 Avg 111

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed low

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials — Analyst Initials —

Compositor Date and Time On — Cdmpositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 7/19/19 Day Friday Time 7AM Temp 70°
Precipitation 0 Weather humid

LAB

Thickened Sludge 9 / 2 W.A.S. 6 / 6

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15474967 Parshall Flume S805290

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 72°

Heat Grinder ✓ Hydraulic Level ✓

Gallons 155120 Max 235 Min 29 Avg 108

SBR Building

UV Operation 95 % Pump Number 172 Clean Water Screens cleaned

Air Valves ✓ Slide Gates ✓ SBR Blowers 172 Speed low

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 5 min Waster Cycle 302 7 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	8:20	8:30	69°	6.6	1.5	1.8	14	XXXX	210
301	10:00	10:05	73°	6.9	2.4	2.7	310	XXXX	240
302	8:10	8:15	73°	6.9	3.0	3.1	290	XXXX	260
Effluent	8:25	8:35	72°	6.9	6.9	7.1	0	.9	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4109	0.4538	1716		
302	25	0.4116	0.4421	1220		
Effluent	1000	0.	0.			

Date 7/18/19 Day Thursday Time 7 AM Temp 70°
Precipitation .75 Weather humid

LAB

Thickened Sludge 9 / 2 W.A.S. 8 / 8

Ops Building

Heating Fuel 2930 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10

Run Trailer Mounted Generators 10 Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15453316 Parshall Flume 5640840

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 26 Temp 72°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 141750 Max 202 Min 36 Avg 98

SBR Building

UV Operation 99 % Pump Number 1+2 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high Blower 1+2 on low

Waste Cycle 301 0 min Waster Cycle 302 7 min

© 8 AM

Lab Work

Sampler Initials JL Analyst Initials JL

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	6:45	6:55	68°	6.9	1.4	1.7	10	XXXX	230
301	9:40	9:45	72°	7.0	2.2	2.7	360	XXXX	270
302	7:50	7:55	72°	6.9	.7	.9	410	XXXX	240
Effluent	6:50	7:00	72°	7.0	6.7	7.0	0	8.8	230

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4139	0.4506	1468		
302	25	0.4143	0.4567	1696		
Effluent	1000	0.	0.			

Date 7/17/19 Day Wednesday Time 630 Temp 72°
Precipitation 0 Weather humid

LAB

Thickened Sludge 89 / 2 W.A.S. 8 / 8

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15510943 Parshall Flume 6492710

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 69°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 141260 Max 201 Min 39 Avg 98

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 4 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	630	645	69°	6.7	1.0	1.4	20	XXXX	290
301	9:45	950	72°	6.9	3.4	3.9	280	XXXX	200
302	7:50	7:55	72°	6.7	2.0	2.4	340	XXXX	210
Effluent	640	650	70°	6.9	6.8	7.0	0	.6	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4108	0.4297	756		
302	25	0.4117	0.4360	972		
Effluent	1000	0.	0.			

Date 7/16/19 Day Tuesday Time 7 AM Temp 70°
 Precipitation 0 Weather humid

LAB

Thickened Sludge 10 / 2 W.A.S. 7 / 7

Ops Building

Heating Fuel 2460 Gallons Generator Hours 946 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15416499 Parshall Flume 6358260
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.4 Temp 61°
 Heat no Grinder ✓ Hydraulic Level ✓

Gallons 138850 Max 198 Min 29 Avg 96

SBR Building

UV Operation 95 % Pump Number 172 Clean Water Screens red
 Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high
 Waste Cycle 301 0 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:45	7:55	67°	6.5	1.0	1.4	16	XXXX	260
301	10:00	10:05	70°	7.0	1.9	2.6	240	XXXX	210
302	8:05	8:10	69°	6.9	3.0	3.1	310	XXXX	230
Effluent	7:50	8:00	70°	7.0	6.7	7.0	0	.7	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4120	0.4394	1096		
302	25	0.4116	0.4429	1252		
Effluent	1000	0.	0.			

Date 7/15/19 Day Monday Time 7AM Temp 68
 Precipitation 7 Weather nice

LAB

Thickened Sludge 10 / 2 W.A.S. 9 / 10

Ops Building

Heating Fuel 2840 Gallons Generator Hours 946 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15395371 Parshall Flume 5214230
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.4 Temp 69°
 Heat no Grinder ✓ Hydraulic Level ✓

Gallons 137220 Max 210 Min 29 Avg 95

SBR Building

UV Operation 95 % Pump Number 172 Clean Water Screens red
 Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high
 Waste Cycle 301 9 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On 7/15/19 @ 7:30 Compositor Date and Time Off 7/16/19 @ 8:15

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:05	7:15	64°	6.9	1.8	2.3	10	XXXX	230
301	9:50	9:55	72°	6.7	1.3	1.9	200	XXXX	250
302	7:45	7:50	70°	6.7	1.7	2.0	400	XXXX	240
Effluent	7:10	7:20	68°	7.0	6.7	6.9	0	.6	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4137	0.4381	976		
302	25	0.4140	0.4605	1860		
Effluent	1000	0.	0.			

Date 7/14/19 Day Sunday Time 8AM Temp 68°
Precipitation 0 Weather humid

LAB

Thickened Sludge 10 / 2 W.A.S. 8 / 10 ?

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 70

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15382597 Parshall Flume 5079860

Lead 0 Lag 2 2nd Lag 1 Wet Well Level 28 Temp 74°

Heat no Grinder ✓ Hydraulic Level

Gallons 139790 Max 251 Min 32 Avg 97

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens cleaned

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials Analyst Initials

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 7/13/19 Day Saturday Time 730 Temp 66°
Precipitation .75 Weather Nice/humid

LAB

Thickened Sludge 10/2 W.A.S. 7/7

Ops Building

Heating Fuel 2910 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 75

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15369 @ 404 Parshall Flume 4939780
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 69°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 147990 Max 208 Min 29 Avg 103

SBR Building

UV Operation 94 % Pump Number 142 Clean Water Screens cleaned

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 7 min Waster Cycle 302 0 min

Lab Work

Sampler Initials — Analyst Initials —

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DOL	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 7/12/19 Day Friday Time 630 Temp 68°
Precipitation .75 Weather humid

LAB

Thickened Sludge 8 / 2 W.A.S. 6 / 6

Obs Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15347073 Parshall Flume 4802960

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 69°

Heat ✓ off Grinder ✓ Hydraulic Level ✓

Gallons 1400⁴⁰⁰ Max 215 Min 23 Ave 97

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:45	7:55	67°	6.5	1.8	1.9	10	XXXX	260
301	630	635	69°	6.7	2.9	3.3	320	XXXX	240
302	8:50	8:55	68°	6.8	3.5	3.9	400	XXXX	210
Effluent	7:40	7:50	68°	6.9	6.3	7.0	0	.5	230

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4200	0.4515	1260		
302	25	0.4151	0.4525	1496		
Effluent	1000	0.	0.			

Date 7/11/19 Day Thursday Time 630 Temp 64°
Precipitation 0 Weather humid

LAB

Thickened Sludge 810 W.A.S. 717

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15325496 Parshall Flume 4651950

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 68°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 138800 Max 222 Min 30 Avg 96

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 9 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:25	65°	6.9	1.3	1.9	10	XXXX	260
301	9:45	9:50	69°	6.7	3.1	3.7	290	XXXX	210
302	7:50	7:55	68°	6.8	3.9	4.2	340	XXXX	240
Effluent	7:10	7:20	68°	6.9	6.4	7.0	0	.8	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4129	0.4600	1884		
302	25	0.4136	0.4554	1672		
Effluent	1000	0.	0.			

Date 7/10/19 Day Wednesday Time 630 Temp 68°
Precipitation 0 Weather Clear

LAB

Thickened Sludge 9 / 1 W.A.S. 6 / 6

Ops Building

Heating Fuel 2880 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15306584 Parshall Flume 4515070

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 133390 Max 204 Min 29 Avg 93

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:40	6:50	67°	6.6	.4	.9	12	XXXX	260
301	9:40	9:45	68°	6.7	3.8	4.0	300	XXXX	210
302	7:50	7:55	69°	7.0	2.9	3.4	400	XXXX	240
Effluent	6:45	6:55	70°	7.1	6.3	6.5	0	.6	190

Sample	MIL.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4133	0.4792	2636		
302	25	0.4129	0.4883	2636 3016		
Effluent	1000	0.	0.			

Date 7/9/19 Day Tuesday Time 630 Temp 60°
Precipitation 0 Weather nic

LAB

Thickened Sludge 10 / M-T W.A.S. 6 / 6

Ops Building

Heating Fuel 2840 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow ~~158~~ 15287573 Parshall Flume 4375570

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 65°

Heat n Grinder ✓ Hydraulic Level ✓

Gallons 142810 Max 227 Min 19 Avg 99

SBR Building

UV Operation 94 % Pump Number 112 Clean Water Screens 7ed

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:15	6:25	66°	6.7	1.3	1.5	10	XXXX	240
301	630	635	68°	7.0	2.9	3.7	220	XXXX	210
302	8:25	8:30	68°	6.9	3.8	3.9	240	XXXX	
Effluent	6:10	6:20	68°	7.0	6.1	6.7	0	.6	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4117	0.4822	2820		
302	25	0.4118	0.4734	2464		
Effluent	1000	0.	0.			

Date 7/8/19 Day Monday Time 630 Temp 68°
Precipitation 0 Weather humid

LAB

Thickened Sludge 8 / 6 W.A.S. 14 / 14

Ops Building

Heating Fuel 2994 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15265321 Parshall Flume 4235700

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 68°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 142580 Max 227 Min 34 Avg 99

SBR Building

UV Operation 94 % Pump Number 172 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On 7/8 @ 7:10 Compositor Date and Time Off 7/9 @ 8:15

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	66°	6.6	1.3	1.5	10	XXXX	260
301	9:45	9:50	68°	7.0	2.9	3.0	280	XXXX	260
302	7:50	7:55	68°	6.8	3.1	3.5	240	XXXX	230
Effluent	7:05	7:15	70°	7.0	7.1	7.3	0	.6	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4117	0.4399	1128		
302	25	0.4114	0.4390	1104		
Effluent	1000	0.	0.			

Date 07/07/18 Day Sunday Time 8:00 Temp 80°
Precipitation _____ Weather sun - off sh

LAB

Thickened Sludge 8,4 / 6,3 W.A.S 15,2 / 13,9

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater ☒
Oil and Coolant ☒ Battery Condition ☒ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp off Boiler Pressure off

Lower Pump Station

Pumped Flow _____ Parshall Flume _____
Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____
Heat _____ Grinder _____ Hydraulic Level _____

Gallons 141240 Max 239 Min 31 Avg 98

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens Test cleaned
Air Valves OK Slide Gates OK SBR Blowers 1 Speed high
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 _____ min Waster Cycle 302 _____ min

Lab Work

Sampler Initials _____ Analyst Initials _____
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 07/06/18 Day Saturday Time 8⁰⁰ Temp 75°
Precipitation 0.1 Weather humid, aft. rain

LAB

Thickened Sludge 8.6 / 6.4 W.A.S. 10.4 / 9.8

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater ☒
Oil and Coolant ☒ Battery Condition ☒ Run For Hour 110
Run Trailer Mounted Generators no Boiler Temp OFF Boiler Pressure OFF

Lower Pump Station

Pumped Flow _____ Parshall Flume _____
Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____
Heat _____ Grinder _____ Hydraulic Level _____

Gallons 135460 Max 216 Min 33 Avg 94

SBR Building

UV Operation 85 % Pump Number 1+2 Clean Water Screens Test clean.

Air Valves OK Slide Gates OK SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 _____ min Waster Cycle 302 _____ min

Lab Work

Sampler Initials _____ Analyst Initials _____

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 7/5/19 Day Fr. day Time 630 Temp 68°
Precipitation 0 Weather humid

LAB

Thickened Sludge 5 / 12 W.A.S. 8 / 8

Ops Building

Heating Fuel 2980 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp OFF Boiler Pressure OFF

Lower Pump Station

Pumped Flow 15219795 Parshall Flume 3814720
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 67°
Heat ✓ Grinder ✓ Hydraulic Level -

Gallons 139200 Max 209 Min 34 Avg 97

SBR Building

UV Operation 95 % Pump Number 142 Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 18 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JE

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:25	66°	6.5	1.0	1.3	14	XXXX	260
301	6:20	6:25	68°	7.0	3.6	4.0	400	XXXX	190
302	7:50	7:55	68°	6.7	2.9	3.5	380	XXXX	220
Effluent	7:10	7:20	68°	6.9	6.4	6.9	0	.8	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4135	0.4459	1296		
302	25	0.4134	0.4597	1852		
Effluent	1000	0.	0.			

Date 7/4/19 Day Thursday Time _____ Temp _____
Precipitation _____ Weather _____

LAB

Thickened Sludge _____ W.A.S. _____

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 163180 Max 210 Min 21 Avg 113

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens Be Cleaned

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____ min Waster Cycle 302 _____ min

Lab Work

Sampler Initials _____ Analyst Initials _____

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301		Holiday						XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 7/3/19 Day wednesday Time 630 Temp 68°
Precipitation 0 Weather humid

LAB

Thickened Sludge 4 / 12 W.A.S. 12 / 12

Ops Building

Heating Fuel 2980 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 1518256 Parshall Flume 3550930
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 29 Temp 72°
Heat — Grinder ✓ Hydraulic Level ✓

Gallons 164070 Max 228 Min 31 Avg 114

SBR Building

UV Operation 96 % Pump Number 142 Clean Water Screens red
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 18 min Waster Cycle 302 4 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	67°	6.8	1.4	1.6	14	XXXX	210
301	630	635	68°	6.7	.7	1.0	500	XXXX	210
302	8:10	8:15	68°	6.9	2.8	3.0	380	XXXX	230
Effluent	7:15	7:25	68°	7.0	6.2	6.7	0	.9	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4126	0.4634	2032		
302	25	0.4138	0.4510	1488		
Effluent	1000	0.	0.			

Date 7/2/19 Day Tuesday Time 63° Temp 67°
Precipitation 0 Weather Nice/humid

LAB

Thickened Sludge 8/7 W.A.S. 8/8

Ops Building

Heating Fuel 2930 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15156042 Parshall Flume 3407240

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 70°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 147600 Max 209 Min 33 Avg 102

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 9 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Cdmpositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:25	7:30	63°	6.7	1.9	2.7	20	XXXX	240
301	9:30	9:35	68°	7.0	2.0	2.2	410	XXXX	230
302	7:40	7:45	67°	6.9	1.6	2.0	440	XXXX	210
Effluent	7:15	7:20	6.8	7.0	6.2	6.5	0	.7	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4098	0.4691	2372		
302	25	0.4121	0.4706	2340		
Effluent	1000	0.	0.			

Date 7/1/19 Day Monday Time 630 Temp 70°
Precipitation .75 Weather Clear

LAB

Thickened Sludge 12 / 0 W.A.S. 10 / 10

Ops Building

Heating Fuel 3004 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 2216728 Parshall Flume 40107390
Lead 3 Lag 2 2nd Lag 1 Wet Well Level Temp
Heat — Grinder ✓ Hydraulic Level ✓

Gallons 171230 Max 229 Min 30 Avg 119

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 18 min Waster Cycle 302 12 min

Lab Work

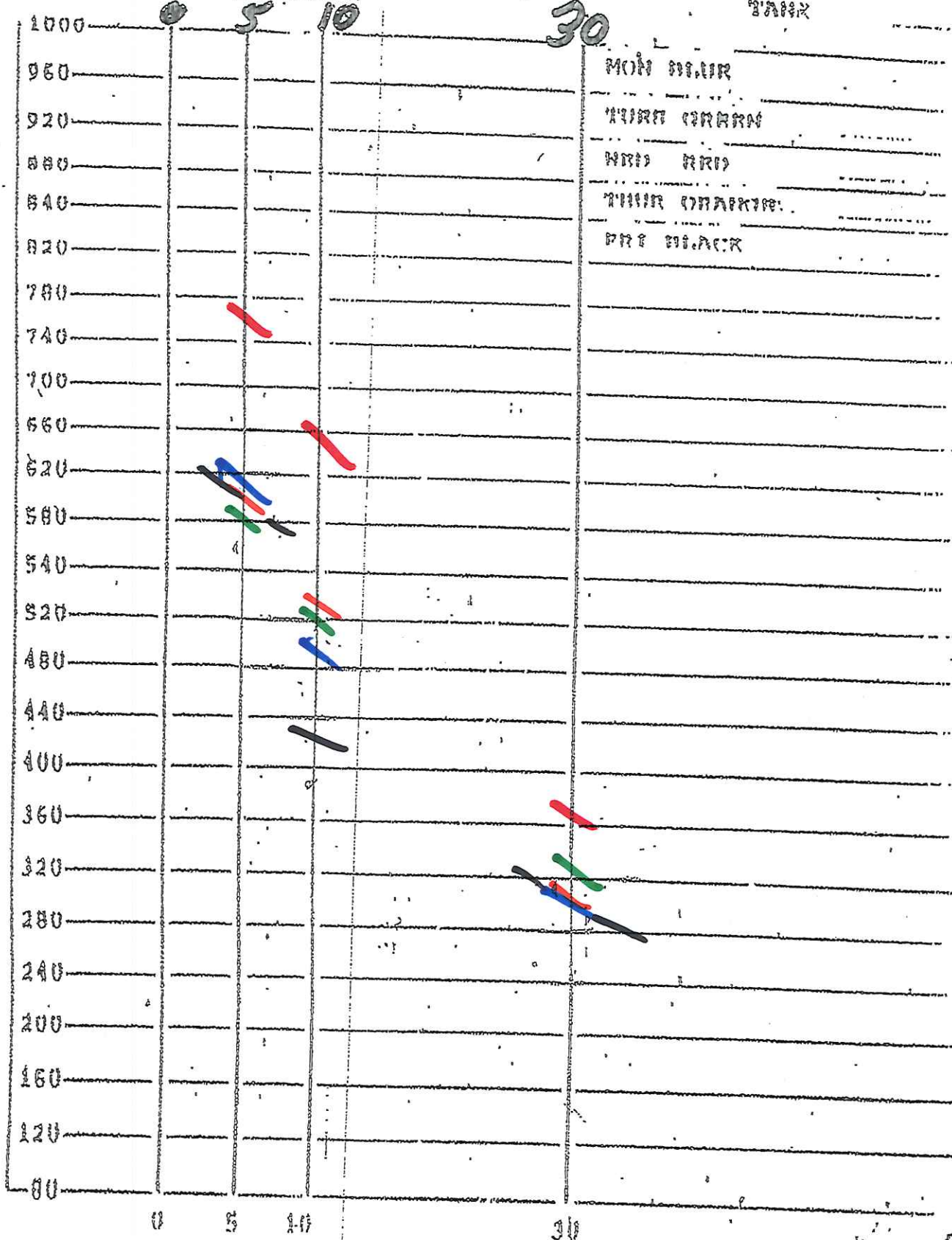
Sampler Initials JE Analyst Initials JE

Compositor Date and Time On 7/1 @ 7:30 Compositor Date and Time Off 7/2 @ 8:30

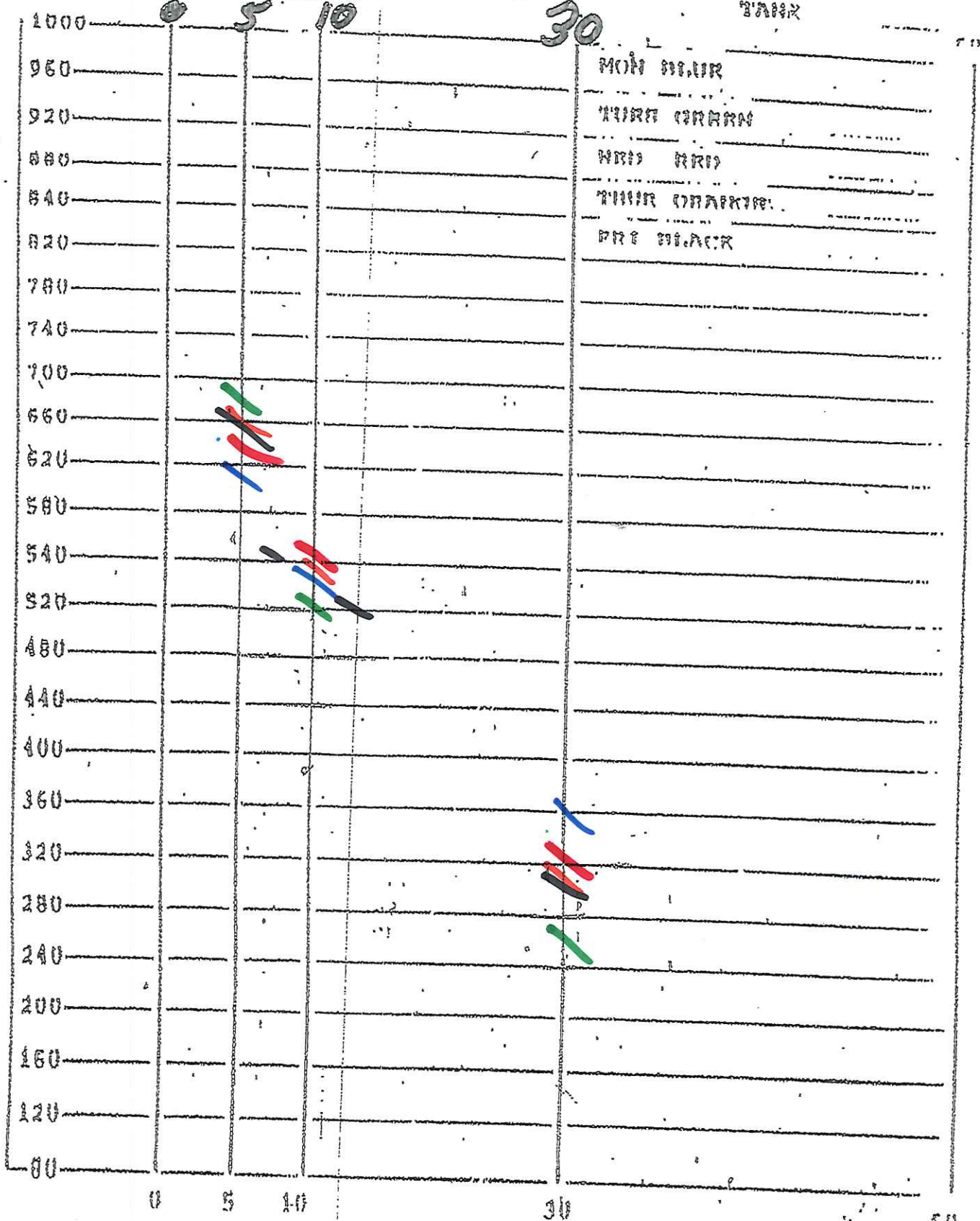
Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	65°	6.7	1.1	1.5	10	XXXX	180
301	10:10	10:15	68°	7.0	2.4	2.6	480	XXXX	190
302	12:05	12:10	68°	7.0	3.0	3.2	400	XXXX	210
Effluent	7:15	7:25	68°	6.9	63.	6.9.	0	.6	230

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4126	0.4593	1868		
302	25	0.4129	0.4521	1568		
Effluent	1000	0.	0.			

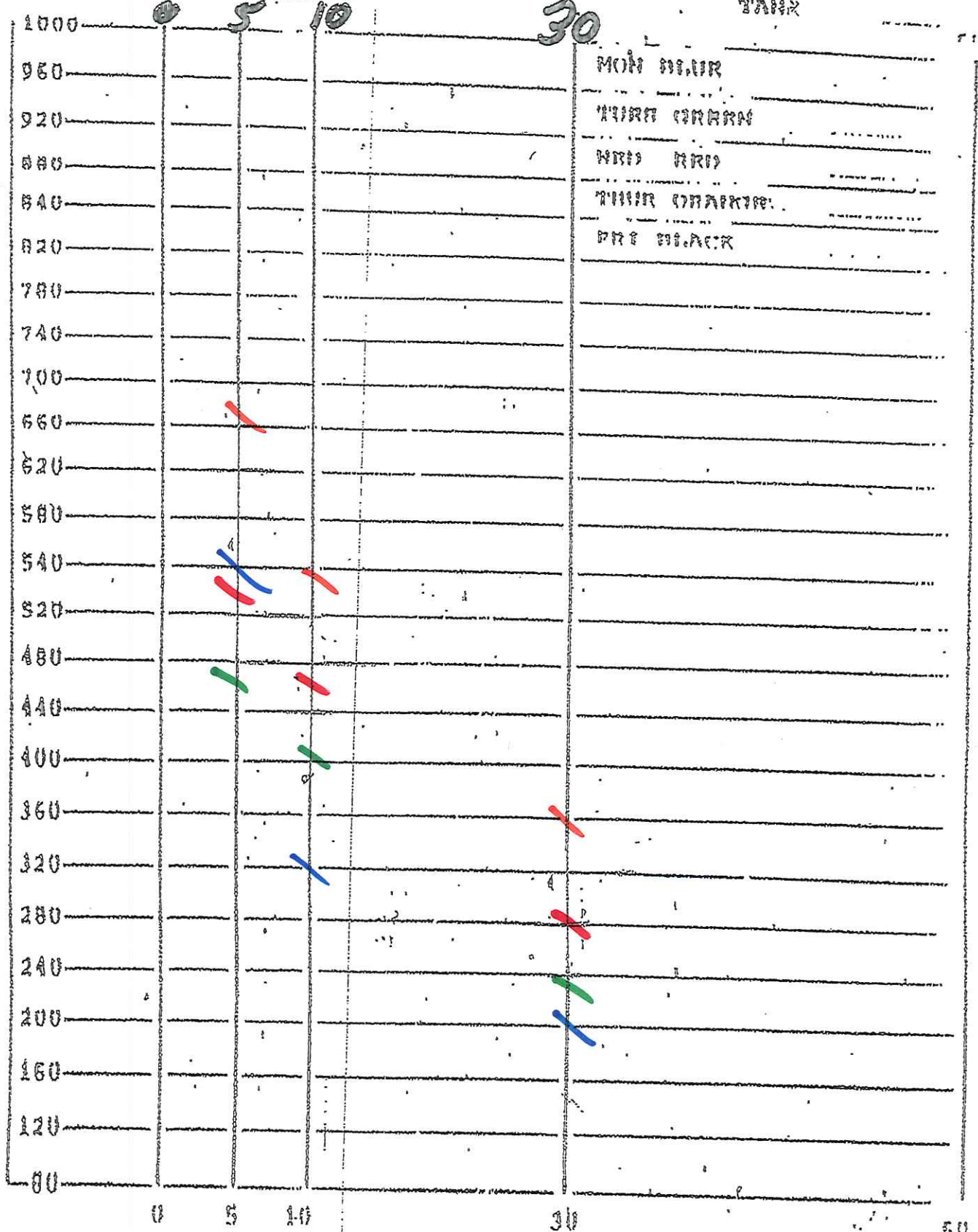
DATE _____ HPCP PARTICULATE POLYMER (MIXED LIGAND) TAIR

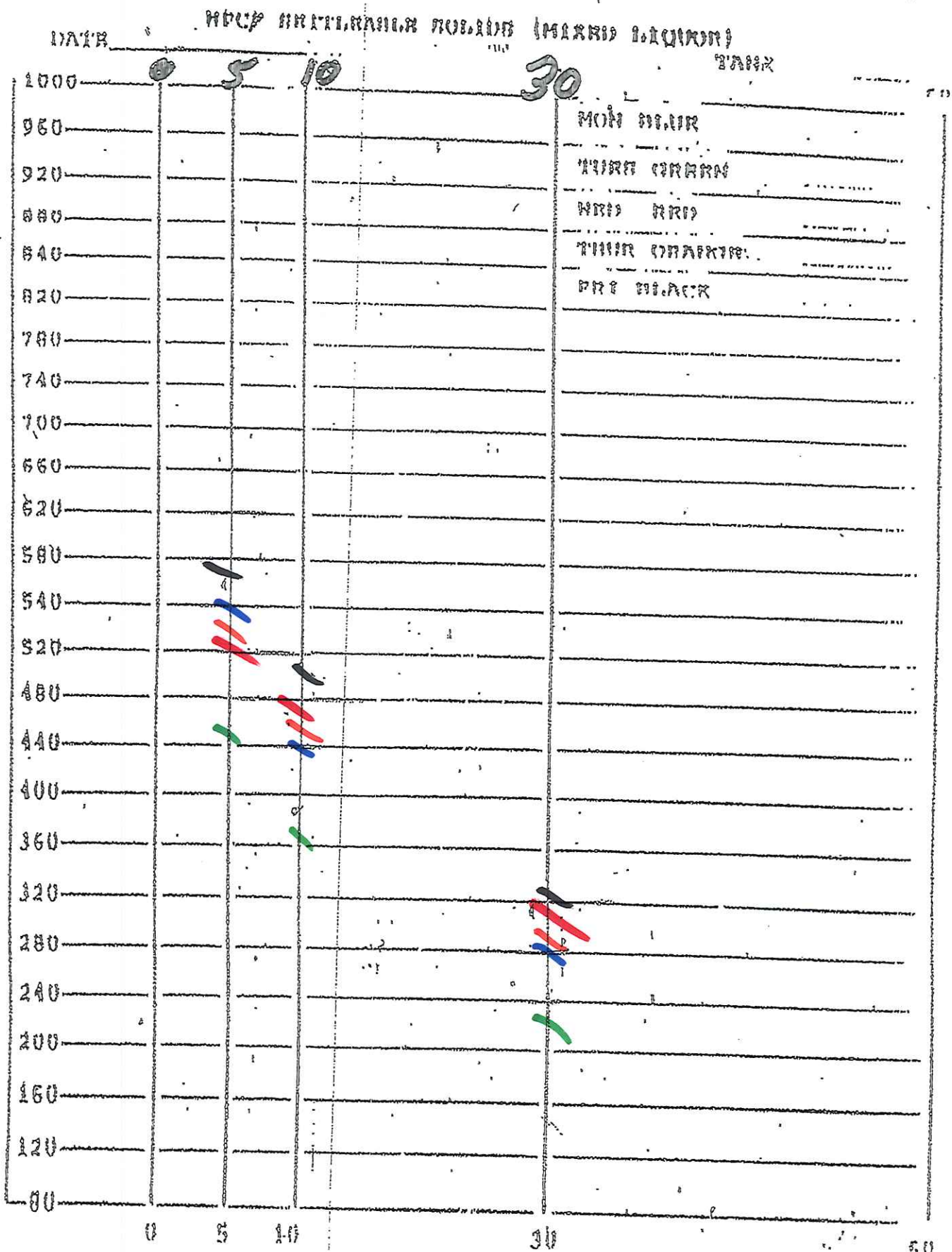


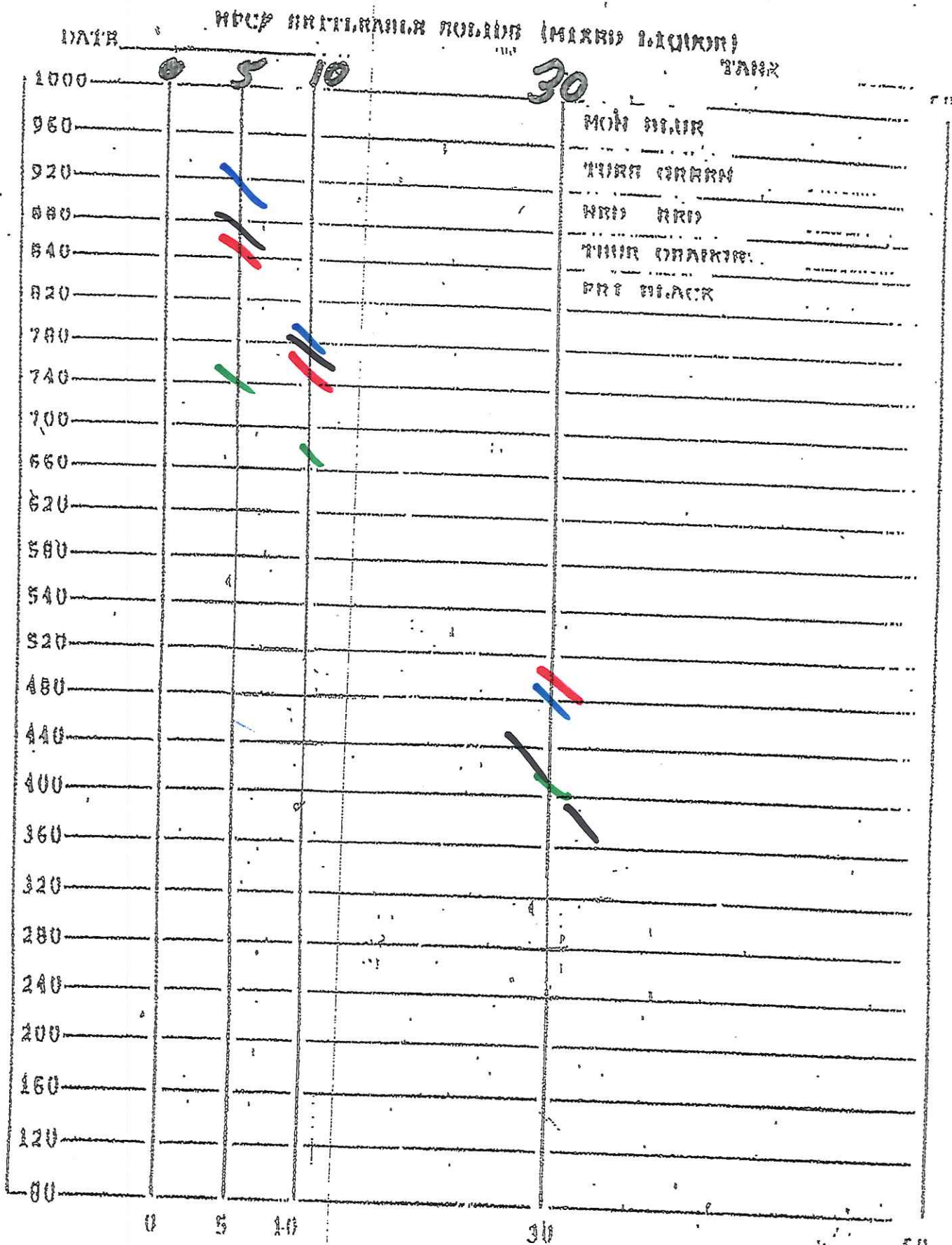
DATE _____ HPCP ANTICORRELATION POLARITY (MAGNETIC LIGNATURE) _____



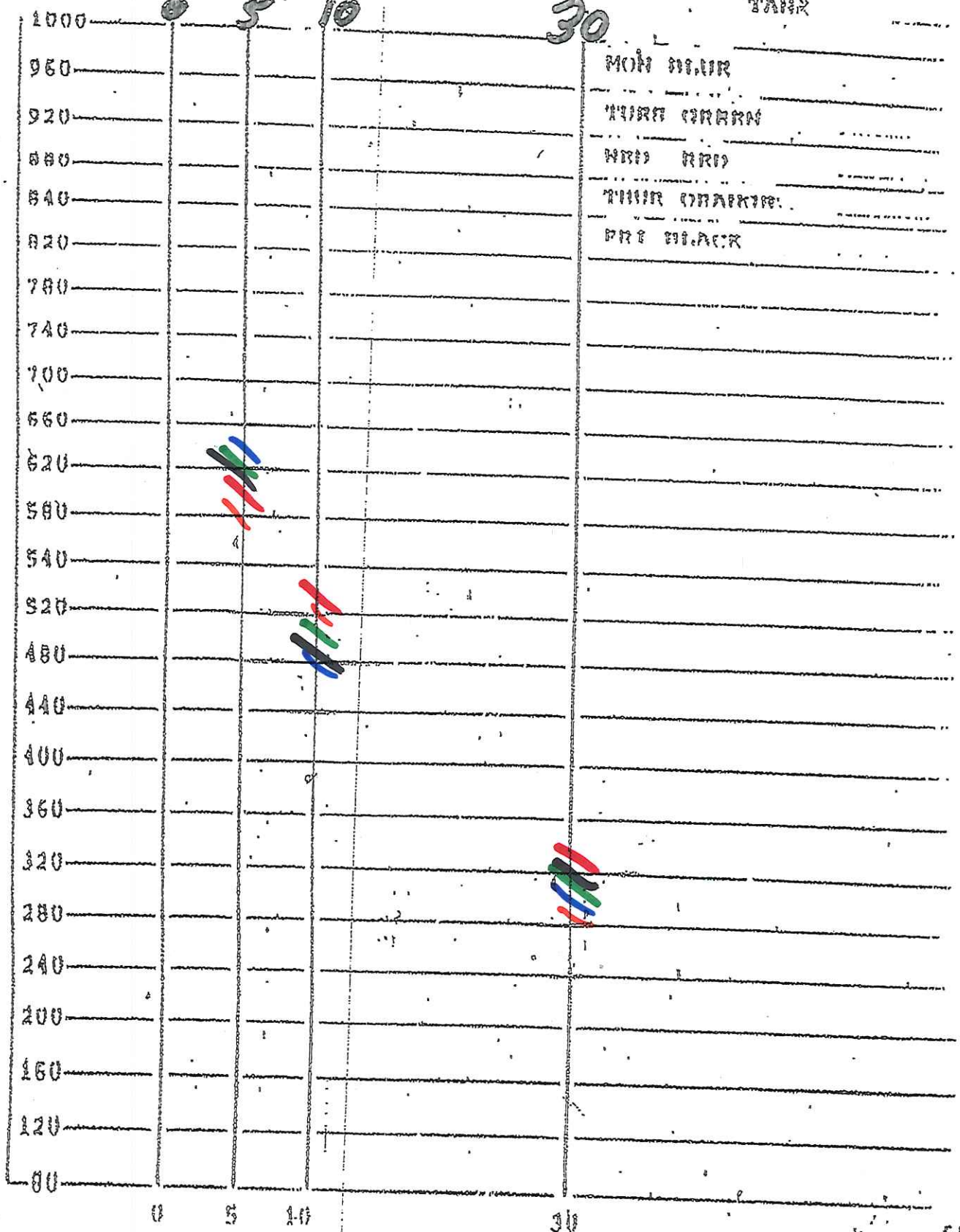
DATE _____ HPCP INTERFERENCE POLARITY (MARKED EQUATION) TAIR



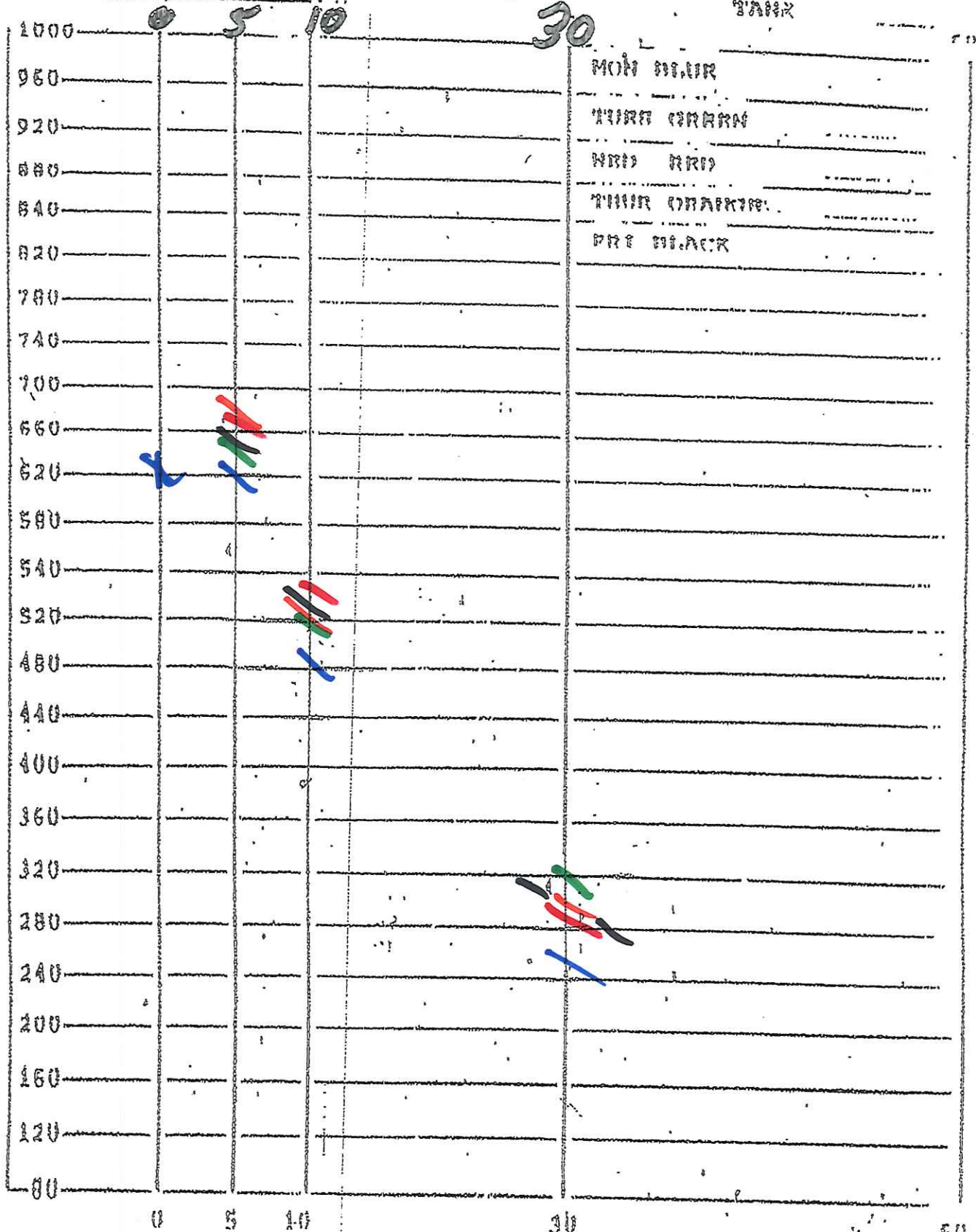


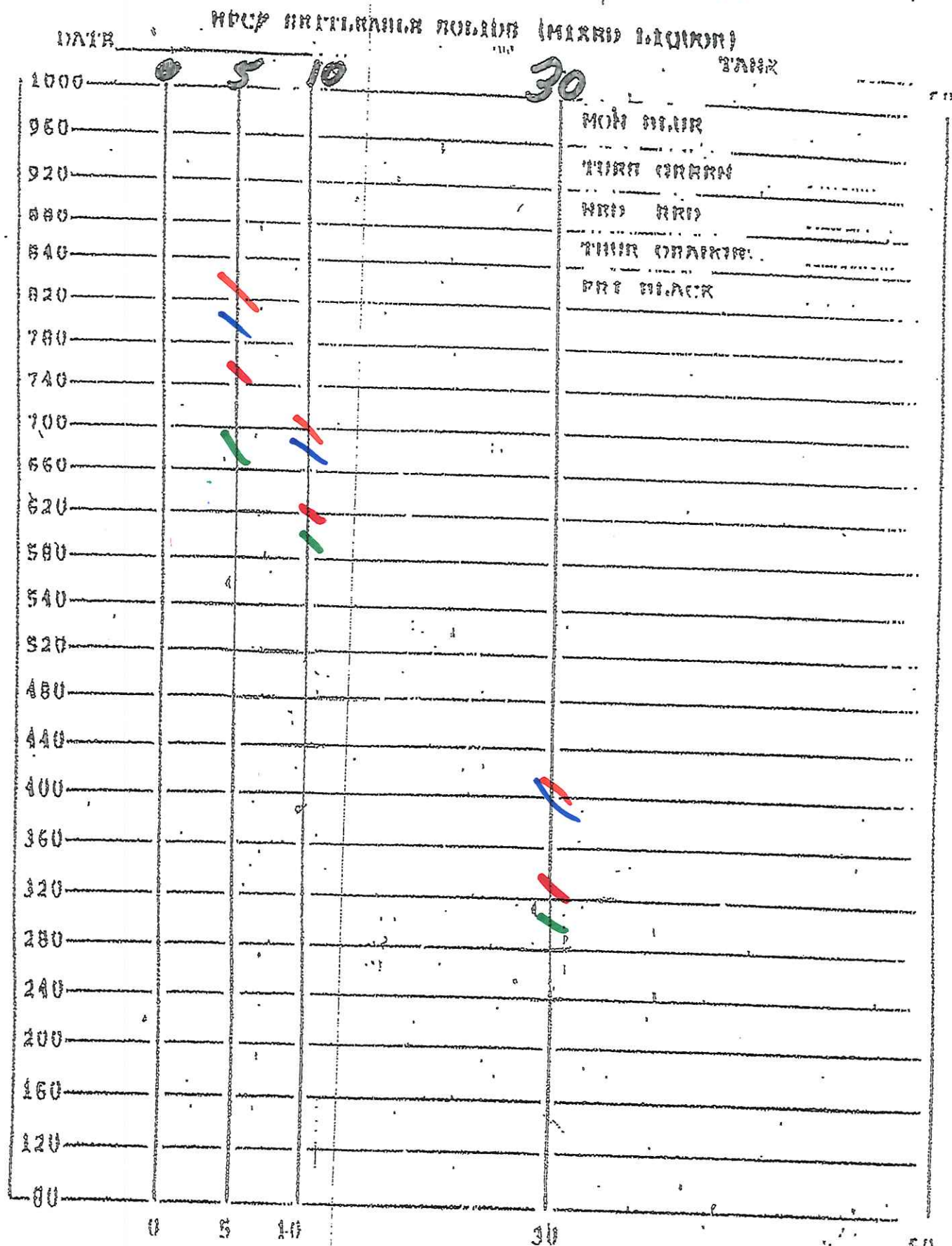


DATE _____ HPCP PARTICULATE POLYMER (MIXED LIQUOR) TANK

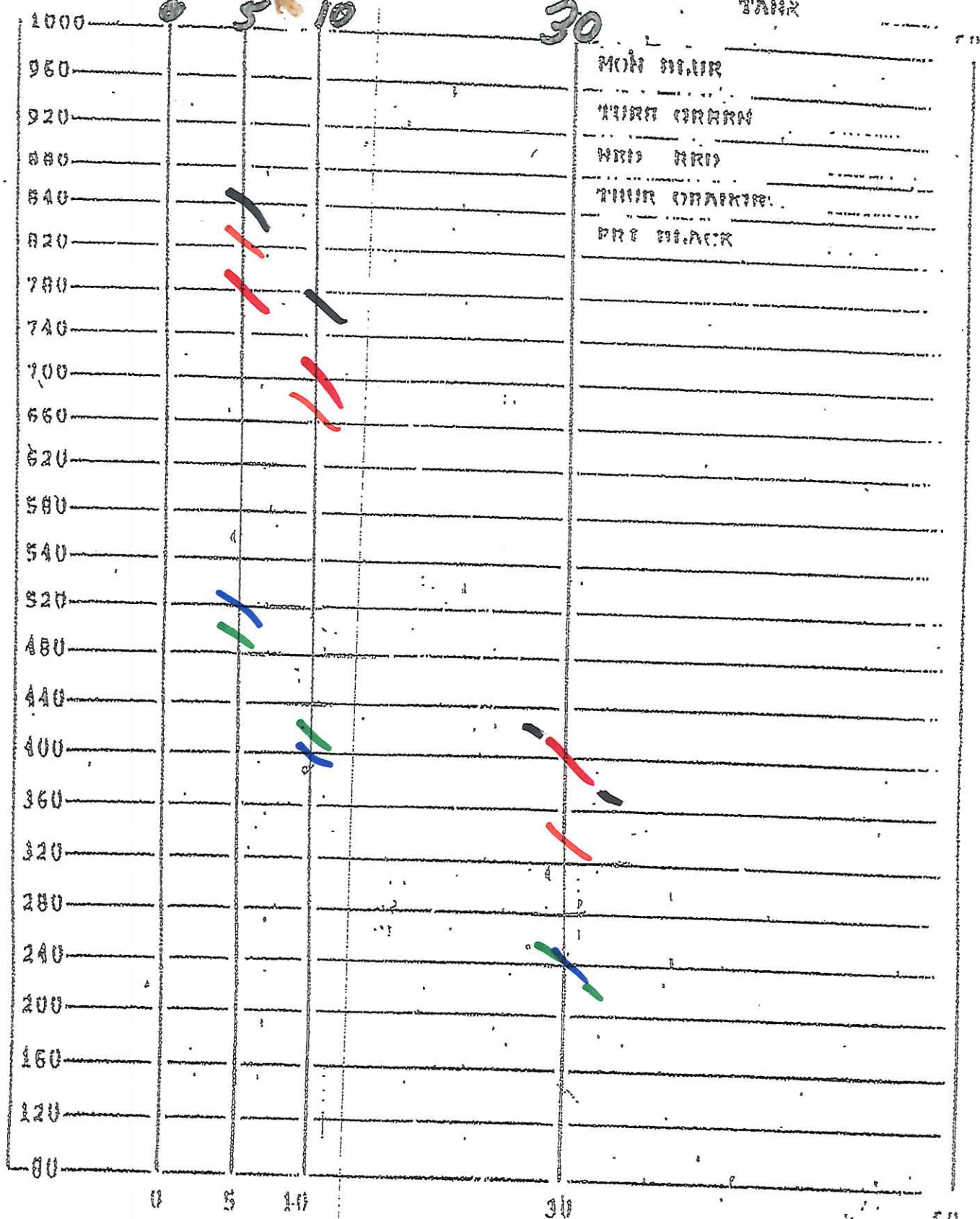


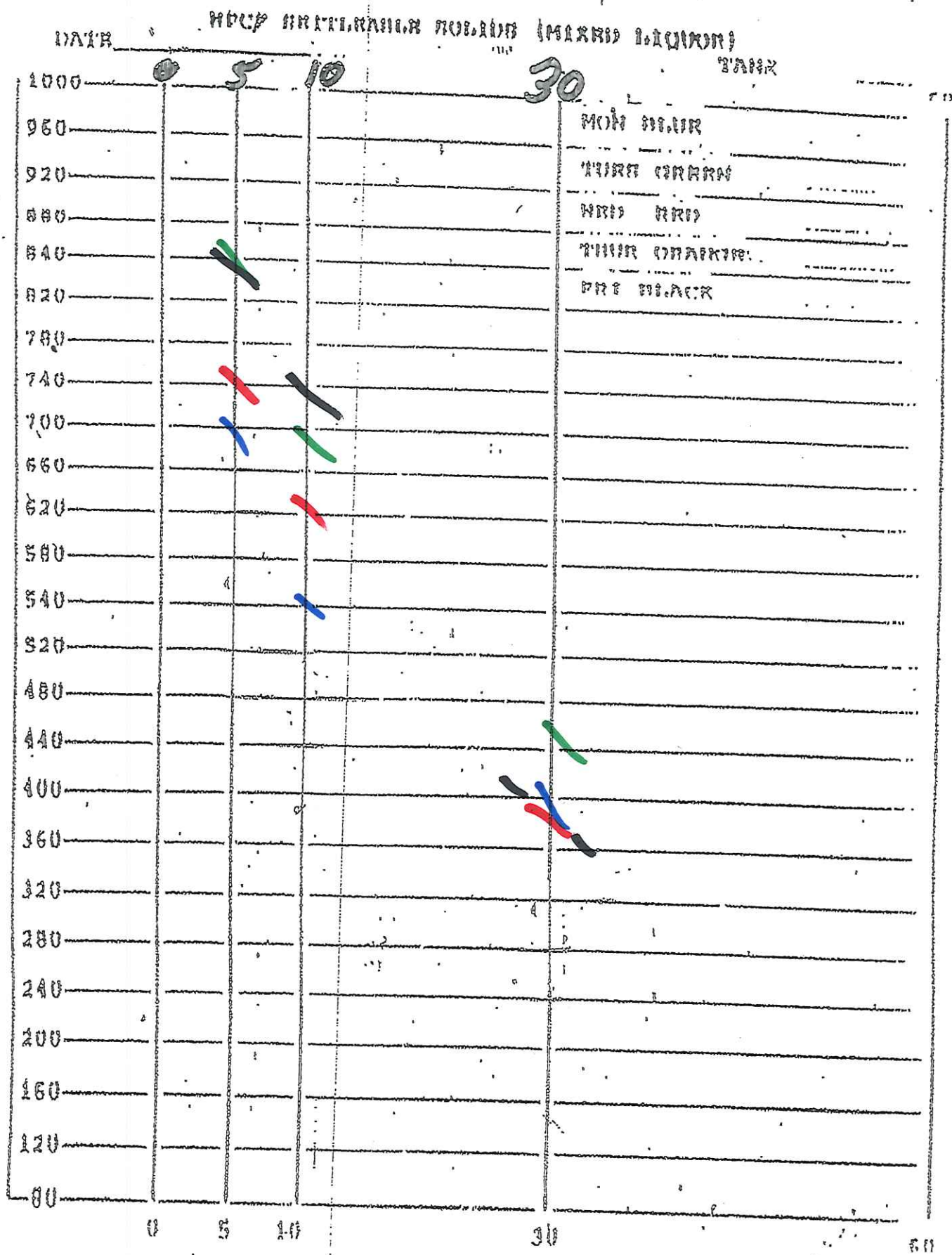
DATE _____ HPCP PARTICULATE NOISE (MIXED EQUIPMENT) TAIR





DATE _____ HPCP PARTICULATE POLYMER (MIXED LIQUOR) TANK





MON BLUE
 TUES GREEN
 WED RED
 THUR ORANGE
 FRI BLACK