

Submission Receipt

Copy of Record: 72954 Confirmation ID: r202222872954

Site: Howard Seymour Water Reclamation
Plant

Site ID: DE0021512

Submission: Discharge Monitoring Report for DE0021512 Howard Seymour
Water Reclamation Plant Outfall: 001, January, 2022

File Name: 20221-3255-60749445

File Type: .pdf

Report: DMR

Status: Signed

Hash of Data Document:

028a64d92d7f5f72c247c8c3e27547960e5d17066c8b7d326425f9b5dc350045

Data Entry Completed: 2/28/2022
4:16 PM

By: Richard Plack (richardplack)

E-Mail of Submitter: Richard.Plack@Inframark.com

From: 172.31.25.193

Signed: 2/28/2022 4:22 PM

By: Richard Plack (richardplack)

E-Mail of Signator: Richard.Plack@Inframark.com

From: 172.31.25.193

Token Used When Signed: B9+qj3s6n1GHY9HUhKcMIlks8TBSFEF4S3Gal/5D6Y=



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS (include Facility Name/Location if different):

NAME: Howard Seymour Water Reclamation Plant
 ADDRESS: 116 American Legion Road, Lewes, DE 19958 US
 FACILITY: Howard Seymour Water Reclamation Plant
 LOCATION: 116 American Legion Road, Lewes, DE 19958 US

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER: DE021512
 DISCHARGE NUMBER: 001
 REPORT DESIGNATOR: A
 DATA ENTRY COMPLETE: 2/28/2022
 REPORT SUBMITTED BY: richardplack
 STATUS OF SUBMISSION: Submitted for Signature

MONITORING PERIOD

FROM: 2022 01 01 TO: 2022 01 31

#	PARAMETER	NDI	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
1/1	Flow		0.748	0.9	Mil Gal/Day				0	99/99	RCOTOT
	Gross Effluent (50050)	-	No Limit Monitoring Req	No Limit Monitoring Req	Mil Gal/Day	No Monitoring Required	No Monitoring Required		--	99/99	RCOTOT
1/2	Dissolved oxygen (DO)				--	3.24	8.37		0	99/99	Imersion
	Gross Effluent (00300)	-	No Monitoring Required	No Monitoring Required	--	No Limit Monitoring Req	No Limit Monitoring Req		--	99/99	Imersion
1/3	pH				--	6.8	7.6		0	01/01	Grab
	Gross Effluent (00400)	-	No Monitoring Required	No Monitoring Required	--	No Monitoring Required	9		--	01/01	Grab
1/4	Enterococcus				--		<1		0	01/07	Grab
	Gross Effluent (31639)	-	No Monitoring Required	No Monitoring Required	--	No Monitoring Required	104		--	01/07	Grab
1/5	BOD5		<14	<15	lbs/Day		<2.4		0	01/07	Composite 24
	Gross Effluent (00310)	-	188	288	lbs/Day	No Monitoring Required	23		--	01/07	Composite 24
1/6	BOD5				--		119		0	01/30	Composite 24
	Raw Sewage (00310)	-	No Monitoring Required	No Monitoring Required	--	No Monitoring Required	No Limit Monitoring Req		--	01/30	Composite 24
1/7	TSS		<4	5	lbs/Day		<0.8		0	01/07	Composite 24
	Gross Effluent (00530)	-	188	288	lbs/Day	No Monitoring Required	23		--	01/07	Composite 24

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: _____ TELEPHONE: _____ DATE: _____

[ATTACH DIGITAL SIGNATURE RECEIPT FROM CROMERRI]

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: _____ YEAR: _____ MO: _____ DAY: _____



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (include Facility Name/Location if different):

NAME: Howard Seymour Water Reclamation Plant
 ADDRESS: 116 American Legion Road, Lewes, DE 19958 US
 FACILITY: Howard Seymour Water Reclamation Plant
 LOCATION: 116 American Legion Road, Lewes, DE 19958 US

DE021512
 PERMIT NUMBER

001
 DISCHARGE NUMBER

REPORT DESIGNATOR: A
 DATA ENTRY COMPLETE: 2/28/2022
 REPORT SUBMITTED BY: richardblack
 STATUS OF SUBMISSION: Submitted for Signature

MONITORING PERIOD
 FROM 2022 01 01 TO 2022 01 31

#	PARAMETER	NDI	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
2/1	TSS											
			AVERAGE	19.5	19.5	No Monitoring Required	78	78	mg/l	0	01/30	Composite 24
			MAXIMUM	No Monitoring Required	No Monitoring Required	No Monitoring Required	No Limit Monitoring Req'd	No Limit Monitoring Req'd	mg/l	--	01/30	Composite 24
			PERMIT REQUIREMENT									
2/2	Total Nitrogen											
			AVERAGE	100	19.5	No Monitoring Required	3.37	3.37	mg/l	0	01/30	Composite 24
			MAXIMUM	0.5	19.5	No Monitoring Required	8	No Limit Monitoring Req'd	mg/l	--	01/30	Composite 24
			PERMIT REQUIREMENT									
2/3	Phosphorus, Total											
			AVERAGE	25	0.5	No Monitoring Required	0.09	0.09	mg/l	0	01/30	Composite 24
			MAXIMUM	No Monitoring Required	No Limit Monitoring Req'd	No Monitoring Required	No Limit Monitoring Req'd	No Limit Monitoring Req'd	mg/l	--	01/30	Composite 24
			PERMIT REQUIREMENT									

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: _____

TYPED OR PRINTED: _____

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: _____

TELEPHONE: _____ DATE: _____

YEAR: _____ MO: _____ DAY: _____

(ATTACH DIGITAL SIGNATURE RECEIPT FROM CROMERR)

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 PERSONS WHO MANAGE THE INFORMATION, I BELIEVE THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

LEWES WWTF NUTRIENT OFFSET REPORT 2022

Month	Days	Average Monthly Flow	Monthly Average TN	Total Monthly TN Discharged	TN Based 16.9 lbs Manure Offset Required	Monthly Average TP	Total Monthly TP Discharged	TP Based 285 lbs Manure Offset Required	Max Manure Equivalent	Poultry Manure Relocated	Poultry Manure Offset Balance
		MGD	mg/L	lbs	Tons	mg/L	lbs	Tons	Tons	Tons	Tons
Carry Over											540.16
January	31	0.7485	3.37	652.15	5.51	0.09	17.42	2.48	5.51	-	5.51
February	28	-	-	-	-	-	-	-	-	-	-
March	31	-	-	-	-	-	-	-	-	-	-
April	30	-	-	-	-	-	-	-	-	-	-
May	31	-	-	-	-	-	-	-	-	-	-
June	30	-	-	-	-	-	-	-	-	-	-
July	31	-	-	-	-	-	-	-	-	-	-
August	31	-	-	-	-	-	-	-	-	-	-
September	30	-	-	-	-	-	-	-	-	-	-
October	31	-	-	-	-	-	-	-	-	-	-
November	30	-	-	-	-	-	-	-	-	-	-
December	31	-	-	-	-	-	-	-	-	-	-
Year Balance											534.65

Comments:


 Authorized Signatory

2/28/2022
 Date

Monthly Operations Report: January 2022

Site: LEWES WWTP

FINAL EFFLUENT OUTFALL 001																			
DATE	DAY	Flow		BOD		TSS		Enteroc. coli/100ml	Total P		Total N		Ammonia as N		Nitrite + Nitrate		TKN		
		MGD	MGD	mg/L	lbs	mg/L	lbs		mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs	
1	Sat.	0.871																	
2	Sun.	0.818																	
3	Mon.	0.784																	
4	Tue.	0.695	<2.4	<14	5	0.8	5		0.1	0.52	3.4	19.53	0.1	1	2.6	15	0.7	4	
5	Wed.	0.768						<1.0											
6	Thu.	0.751																	
7	Fri.	0.744																	
8	Sat.	0.742																	
9	Sun.	0.766																	
10	Mon.	0.739																	
11	Tue.	0.724	<2.4	<15	<3	<0.5													
12	Wed.	0.746						<1.0											
13	Thu.	0.742																	
14	Fri.	0.731																	
15	Sat.	0.745																	
16	Sun.	0.900																	
17	Mon.	0.850																	
18	Tue.	0.710	<2.4	<14	5	0.8	5												
19	Wed.	0.712						<1.0											
20	Thu.	0.776																	
21	Fri.	0.739																	
22	Sat.	0.704																	
23	Sun.	0.737																	
24	Mon.	0.730																	
25	Tue.	0.717	<2.4	<14	5	0.9	5												
26	Wed.	0.722						<1.0											
27	Thu.	0.695																	
28	Fri.	0.884																	
29	Sat.	0.554																	
30	Sun.	0.694																	
31	Mon.	0.712																	
TOTAL		23.2020																	
AVERAGE		0.7485	<2.40	<14.25	<4.43	<0.75	<4.43	1.0	0.09	0.52	3.37	19.53	0.09	0.52	2.64	15.30	0.73	4.23	
MAXIMUM		0.9000	<2.40	<14.50	5.40	0.90	5.40	<1.00	0.09	0.52	3.37	19.53	0.09	0.52	2.64	15.30	0.73	4.23	
MINIMUM		0.5540	<2.40	<13.90	<3.00	<0.50	<3.00	<1.00	0.09	0.52	3.37	19.53	0.09	0.52	2.64	15.30	0.73	4.23	
Removal (%)			98.0			99.0													

INFLUENT															
DATE	DAY	Flow MGD	BOD		TSS										
			mg/L	lbs	mg/L	lbs									
1	Sat.	0.830													
2	Sun.	0.855													
3	Mon.	0.429													
4	Tue.	0.453	119.0	450	78.0	295									
5	Wed.	0.719													
6	Thu.	0.742													
7	Fri.	0.751													
8	Sat.	0.686													
9	Sun.	0.727													
10	Mon.	0.740													
11	Tue.	0.705													
12	Wed.	0.710													
13	Thu.	0.705													
14	Fri.	0.716													
15	Sat.	0.727													
16	Sun.	0.757													
17	Mon.	0.910													
18	Tue.	0.699													
19	Wed.	0.694													
20	Thu.	0.706													
21	Fri.	0.703													
22	Sat.	0.706													
23	Sun.	0.716													
24	Mon.	0.697													
25	Tue.	0.681													
26	Wed.	0.482													
27	Thu.	0.566													
28	Fri.	0.670													
29	Sat.	0.638													
30	Sun.	0.670													
31	Mon.	0.679													
TOTAL		21.4690													
AVERAGE		0.69	119	450	78	295									
MAXIMUM		0.91	119	450	78	295									
MINIMUM		0.43	119	450	78	295									
Removal (%)															



LEWES BPW WWTP Biweekly InSight Report

Date: 2/23/2022

From: Erin Horocholyn - Suez Water Technologies & Solutions
To: Austin Calaman BPW, Inframark
cc: Matt Stapleford - Suez Water Technologies & Solutions

System Equipment

4 × ZW trains, each train consists of 4 - 500D cassettes, 120 modules x 370 sq. ft. per train (surface area 44,400 sq. ft. per train)

Replacement membranes installed Q1 2020 on trains UF3 and UF4

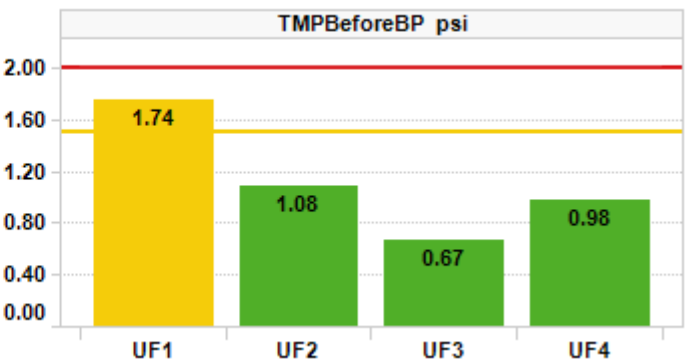
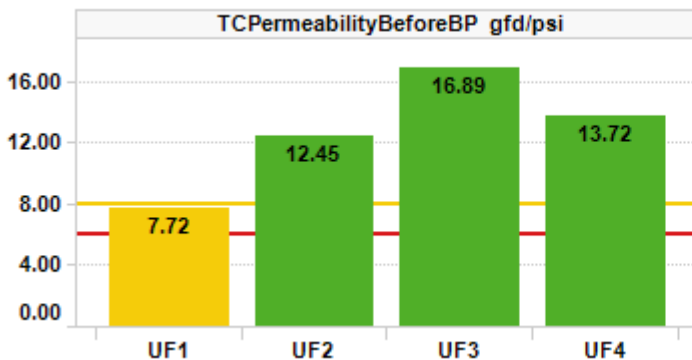
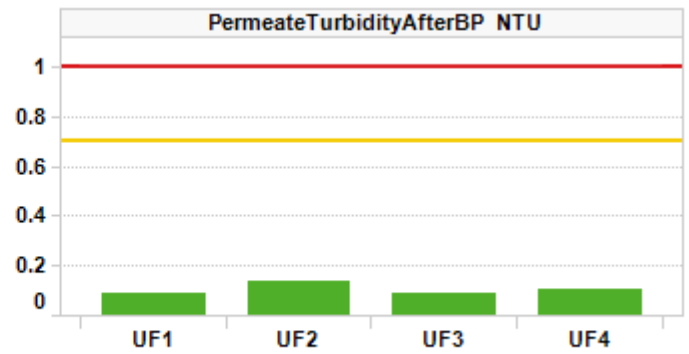
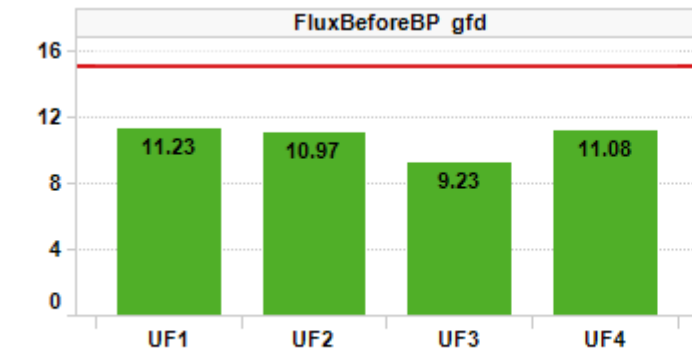
Cleaning Strategy

Recovery cleaning - 2 NaOCl @ 2000 ppm dose/1000 ppm soak per year, 1 Citric acid @ 2000 ppm per year

Maintenance cleaning - 1 NaOCl per week @ 200 ppm, 1 Citric acid per week @ 2000 ppm

KPI Dashboard – Avg values through reporting period

■ Action Required
■ Caution
■ No Limits
■ Normal





Plant Summary

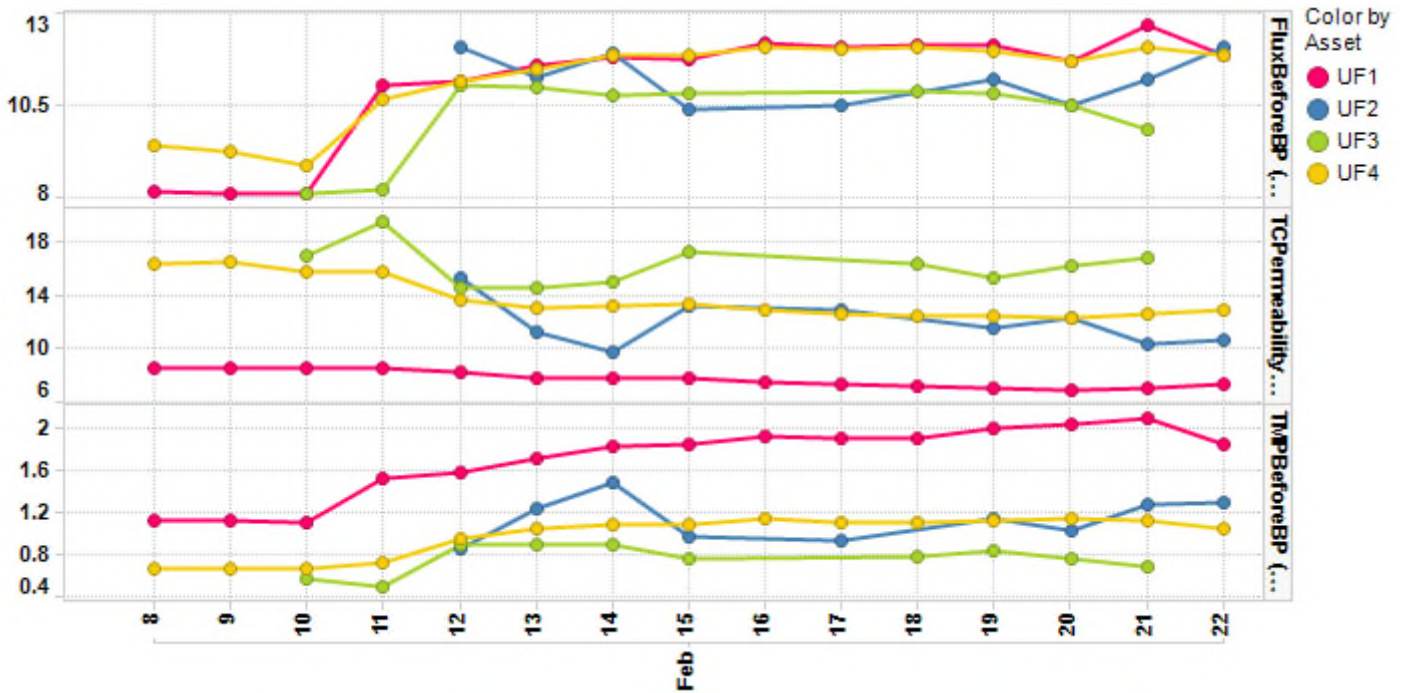
Trains UF1,2,3,4 are operating well overall. Permeability remains >8.0 gfd/psi on trains UF2,3,4 while UF1 averaged 7.7 gfd/psi. There is a slight fouling trend on UF1 and UF4 after flux increased Feb 11

Daily permeate production averaged 0.71 MGD. UF1 and UF4 produced the majority of permeate in this report. UF2 and UF3 produced <10% of daily permeate except on Feb 10. Permeate temperature averaged 56°F (+1°F). All online trains are in Backpulse with constant LEAP Hi aeration

Flux increased on Feb 11 for UF1 and UF4, correlated with an increase in TMPs and decrease in permeabilities on these trains. Flux averages ranged 9.2 – 11.2 across all trains

TMP BBP averaged 1.7, 1.1, 0.7, and 1.0 psi on UF1,2,3,4 (-0.70 psi on UF4 compared to the previous average)

TC permeability BBP averages were >8 gfd/psi on trains UF2,3,4. TCP on UF1,2,3,4 averaged 7.7, 12.5, 16.9, and 13.7 gfd/psi overall. The plots below display daily median averages



Permeate turbidity ABP averages ranged from 0.09 – 0.13 NTU with stable trending on all trains

Table 1. Record of maintenance cleans (MCs) run.

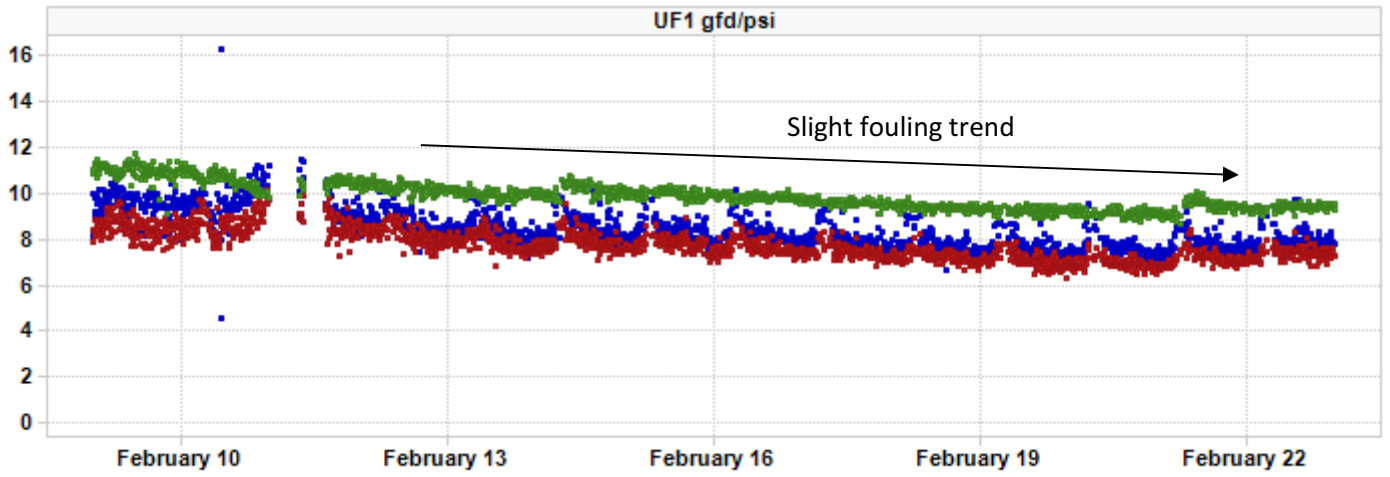
Train				
# of Hypochlorite MCs				
# of Citric Acid MCs				

Aerobic tank 1 dissolved oxygen averaged 1.81 ppm. Tank 2 averaged 1.70 ppm. The pre-anoxic zone’s DO averages were 1.19 ppm in tank 1, and 1.29 ppm in tank 2 which is high for nitrification

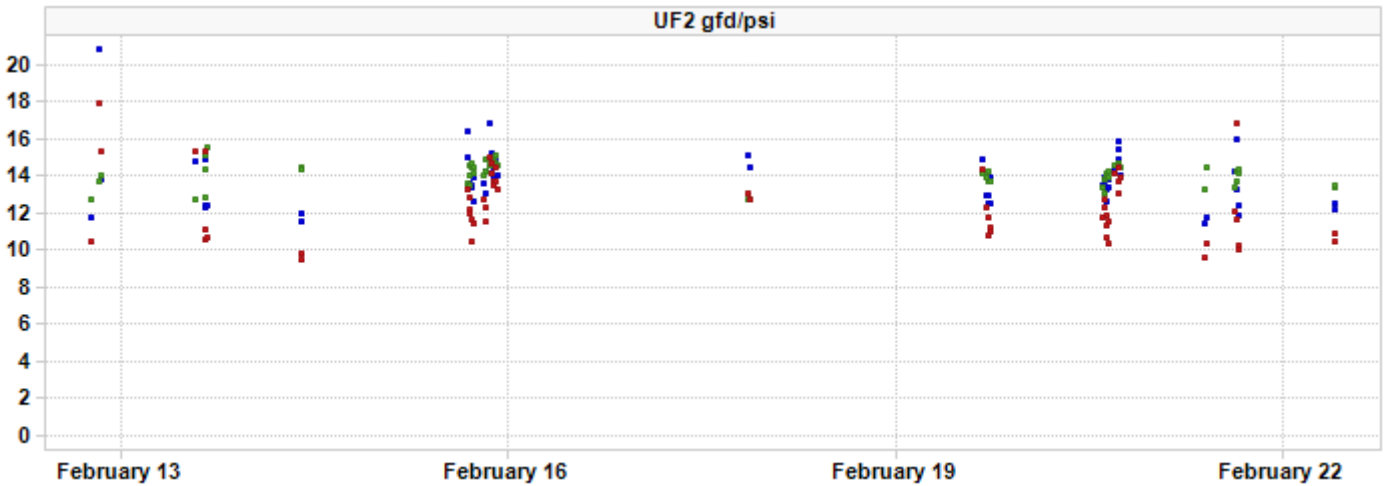


TC Permeability Trends By Train

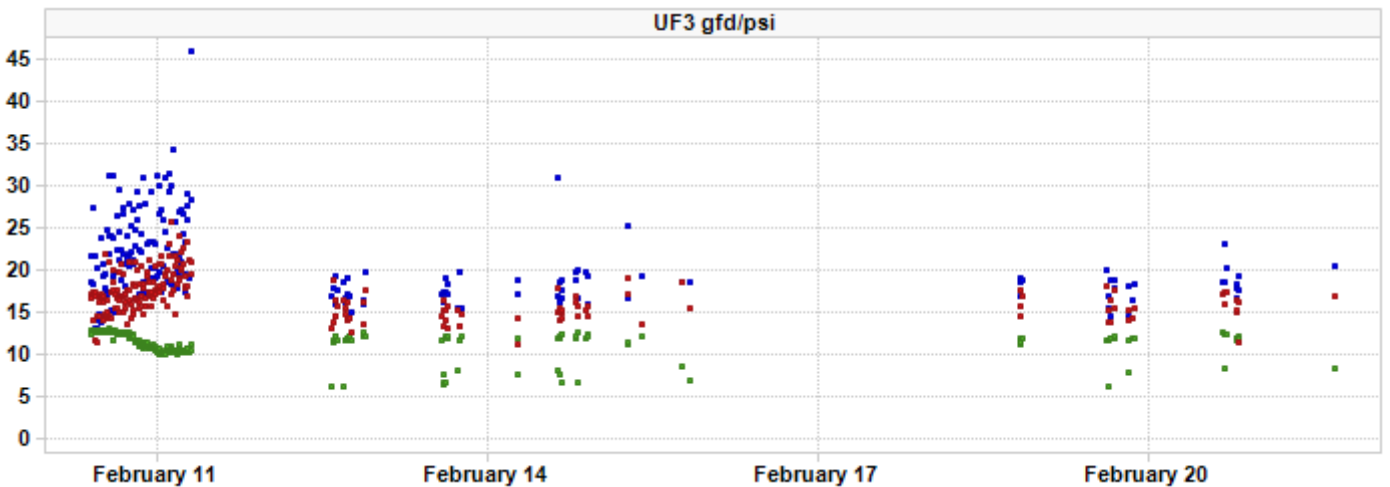
- TcPermeabilityAfterBP
- TcPermeabilityBeforeBP
- TcPermeabilityDuringBP



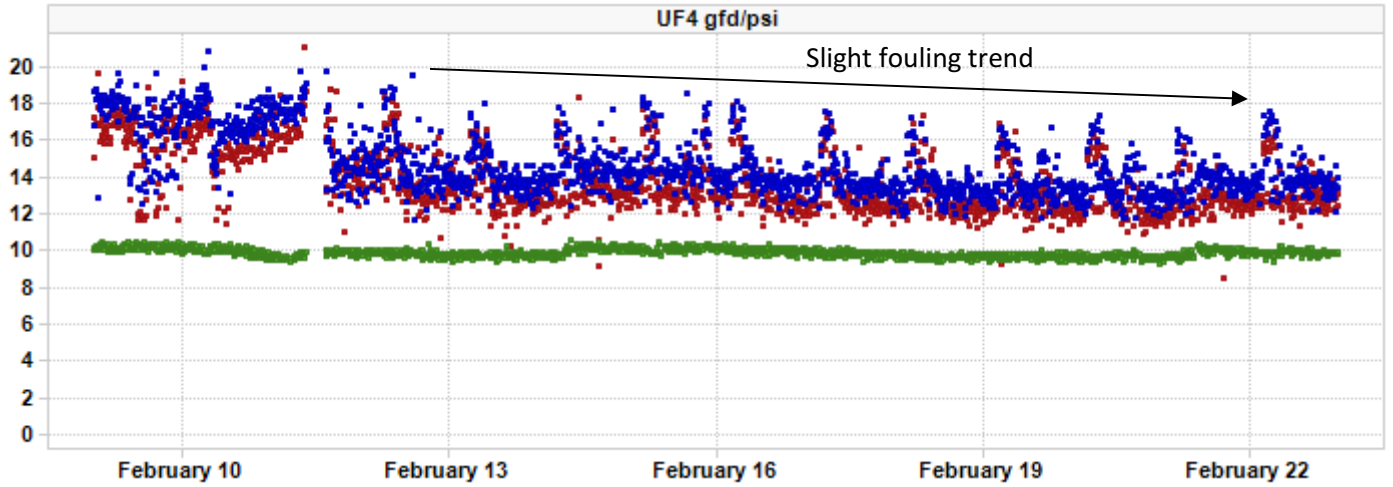
- TcPermeabilityAfterBP
- TcPermeabilityBeforeBP
- TcPermeabilityDuringBP



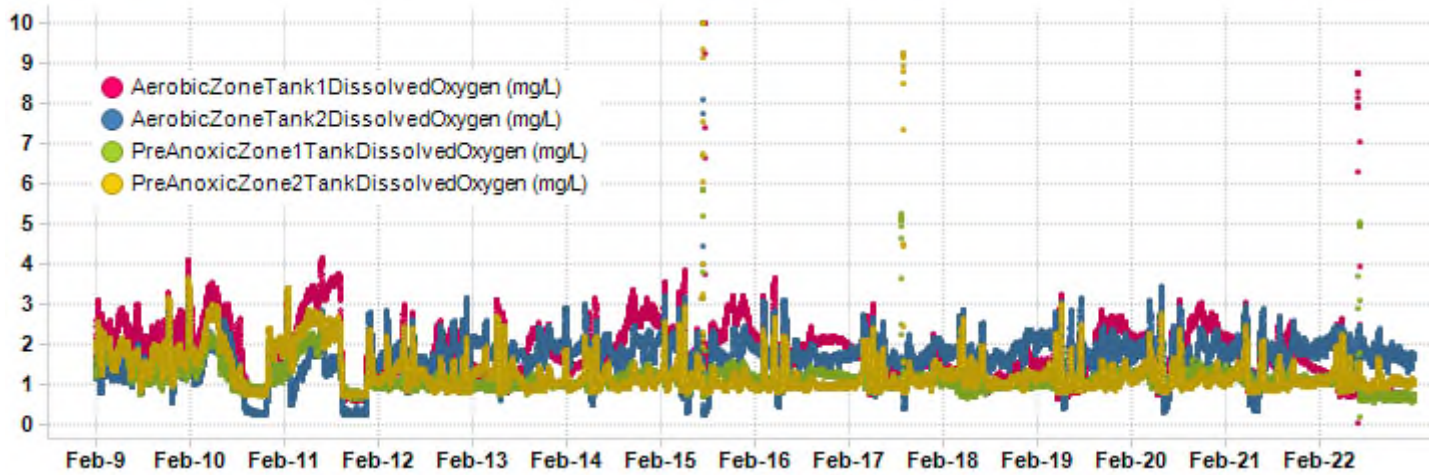
- TcPermeabilityAfterBP
- TcPermeabilityBeforeBP
- TcPermeabilityDuringBP



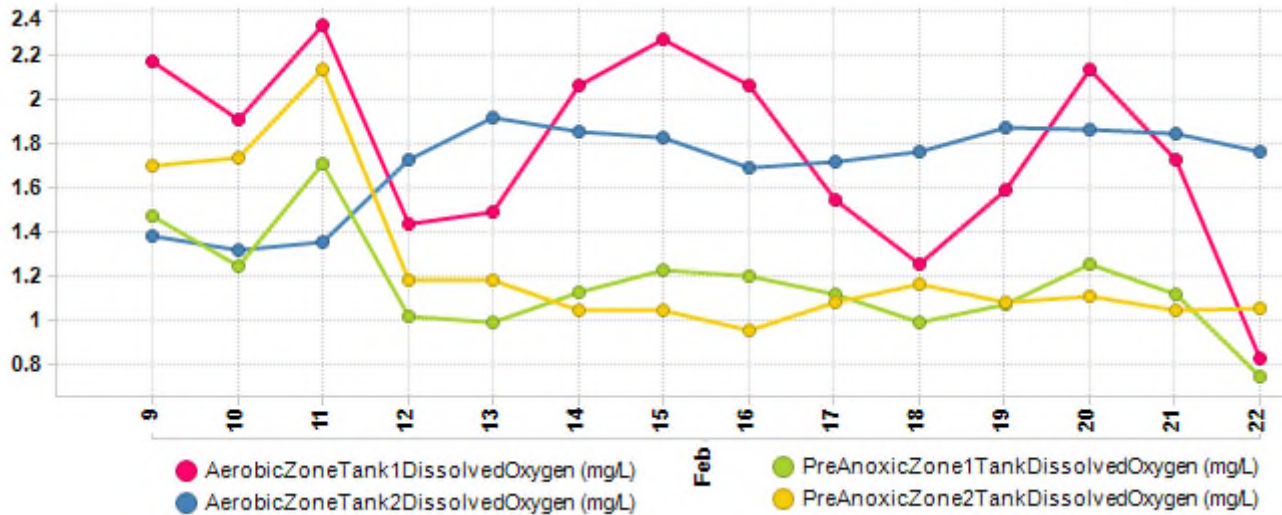
■ TCPermeabilityAfterBP
■ TCPermeabilityBeforeBP
■ TCPermeabilityDuringBP



Bioreactor Dissolved Oxygen

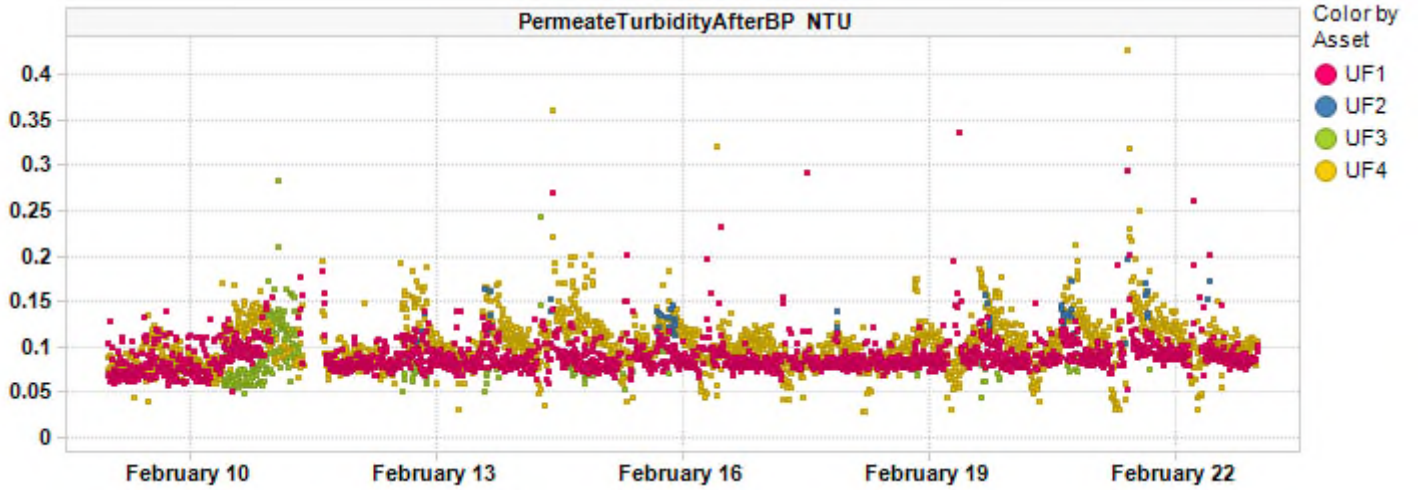


Daily median average values below

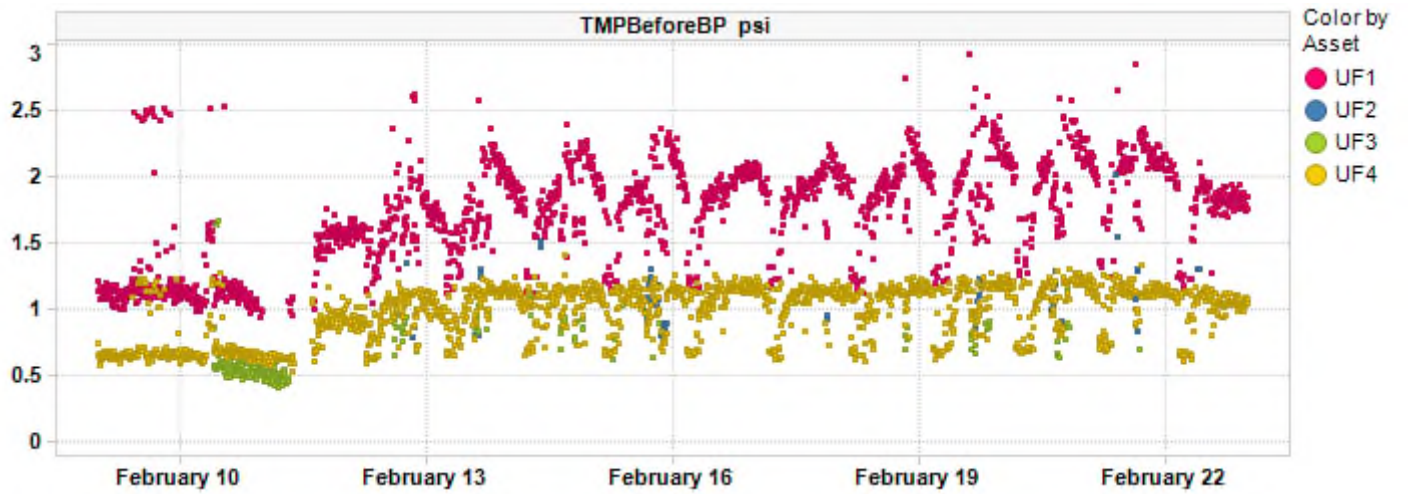




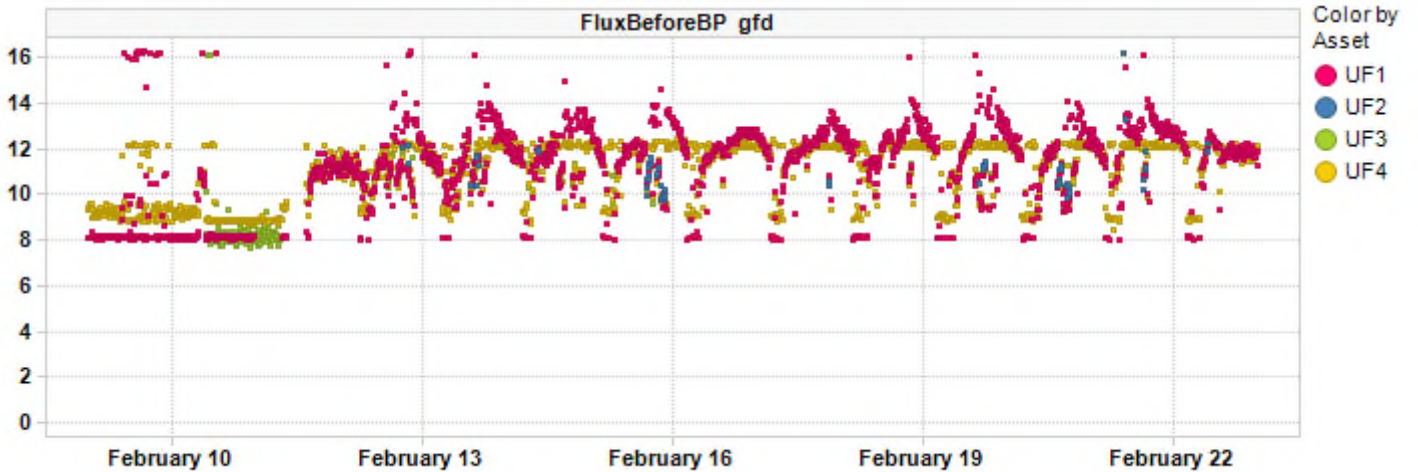
Permeate Turbidity Trend



Before BPTMP Trend

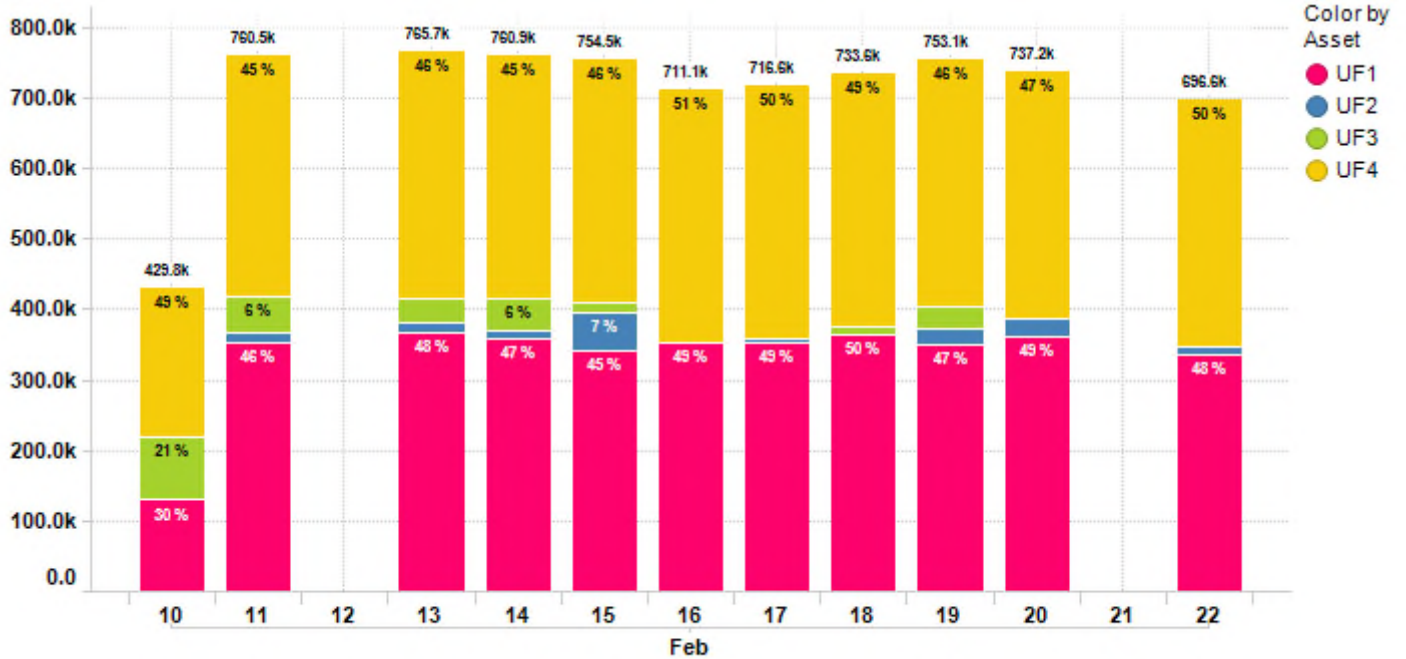


Before BP Flux Trend





Daily Permeate Flow



Average Daily permeate flow from 2/9/2022 to 2/22/2022 is 710.9k gal with a maximum daily flow of 765.7k gal.

Asset Summary

KPI Parameters	Value/Change	UF1	UF2	UF3	UF4
FluxBeforeBP gfd	Value	11.23	10.97	9.23	11.08
	Change	4.62 %	-4.46 %	-8.96 %	3.57 %
FluxDuringBP gfd	Value	18.65	18.45	18.07	18.75
	Change	-0.17 %	-0.35 %	-2.75 %	0.45 %
PermeateTurbidityAfterBP NTU	Value	0.09	0.13	0.09	0.10
	Change	11.09 %	-45.53 %	-29.37 %	6.78 %
TCPermeabilityBeforeBP gfd/psi	Value	7.72	12.45	16.89	13.72
	Change	-12.07 %	20.44 %	-4.23 %	22.58 %
TMPBeforeBP psi	Value	1.74	1.08	0.67	0.98
	Change	13.86 %	-30.54 %	-8.37 %	-42.25 %
TotalPermeateFlowDaily gal	Value	333.46k	14.56k	25.27k	337.60k
	Change	4.87 %	-88.65 %	-51.53 %	5.88 %

Plant Summary

KPI Parameters	Value/Change	UF Plant
PermeateTemperature °F	Value	56.37
	Change	2.28 %
TotalPermeateFlowDaily gal	Value	779.43k
	Change	0.75 %



Contract Expiry Date : 08/11/2021

For InSight technical assistance please email insight.src@suez.com or please call technical support at 1 866 271 5425 or 905 469 7723 and follow the prompts, if you require after hours assistance please contact the 24/7 Emergency number provided in your plant documentation. This email is a summary of issues identified during a manual review of InSight data from the time period above. This review is an analysis of data that is logged by InSight and identifies key plant performance issues determined from this data. This data review was not focused on minor data issues but on identifying possible existing and/or upcoming critical operational issues.

This review was prepared by SUEZ Water Technologies & Solutions solely to assist water treatment plant owners and/or operators in analyzing and optimizing plant performance and is not intended to be used or relied upon for regulatory compliance or any other purpose. The content of this review is based in whole or in part on operation data obtained from the plant using InSight software. SUEZ Water Technologies & Solutions makes no representations or warranties as to the accuracy of the plant data utilized in the preparation of this review. SUEZ Water Technologies & Solutions accepts no liability for consequences or actions taken in whole or in part by any person on the basis of this review or its contents



LEWES BPW WWTP Biweekly InSight Report

Date: 3/9/2022

From: Erin Horocholyn - Suez Water Technologies & Solutions
To: Austin Calaman BPW, Inframark
cc: Matt Stapleford - Suez Water Technologies & Solutions

System Equipment

4 × ZW trains, each train consists of 4 - 500D cassettes, 120 modules x 370 sq. ft. per train (surface area 44,400 sq. ft. per train)

Replacement membranes installed Q1 2020 on trains UF3 and UF4

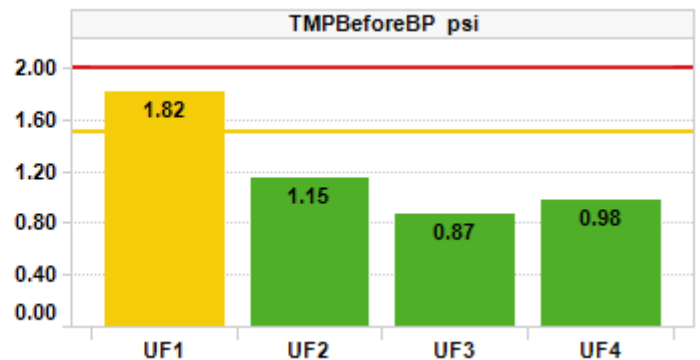
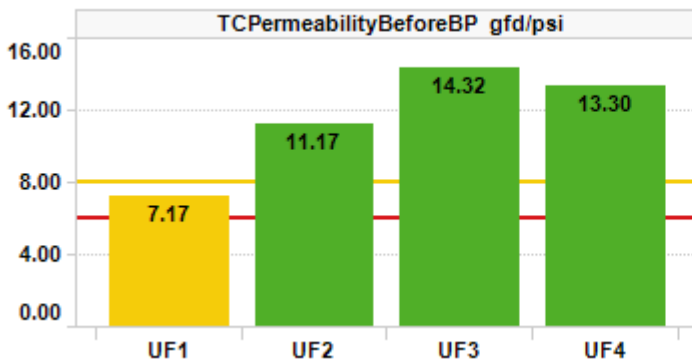
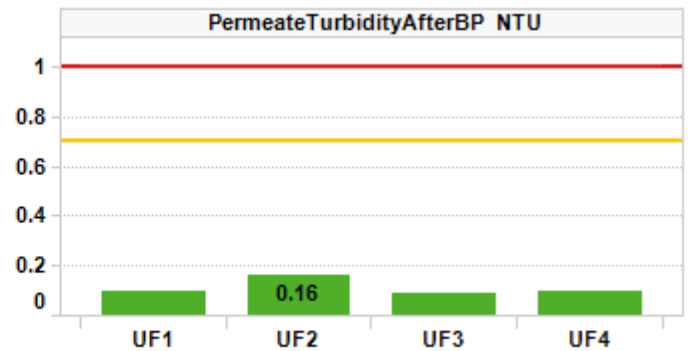
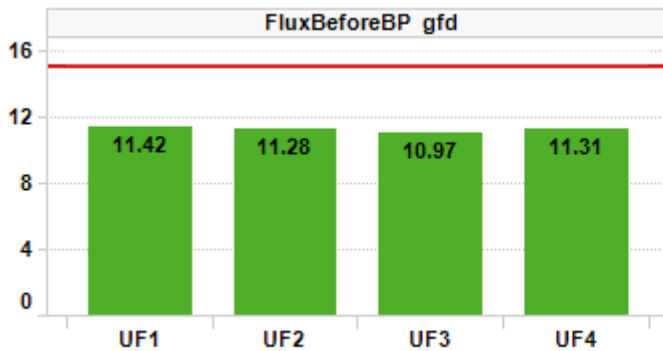
Cleaning Strategy

Recovery cleaning - 2 NaOCl @ 2000 ppm dose/1000 ppm soak per year, 1 Citric acid @ 2000 ppm per year

Maintenance cleaning - 1 NaOCl per week @ 200 ppm, 1 Citric acid per week @ 2000 ppm

KPI Dashboard – Avg values through reporting period

■ Action Required
■ Caution
■ No Limits
■ Normal



Plant Summary

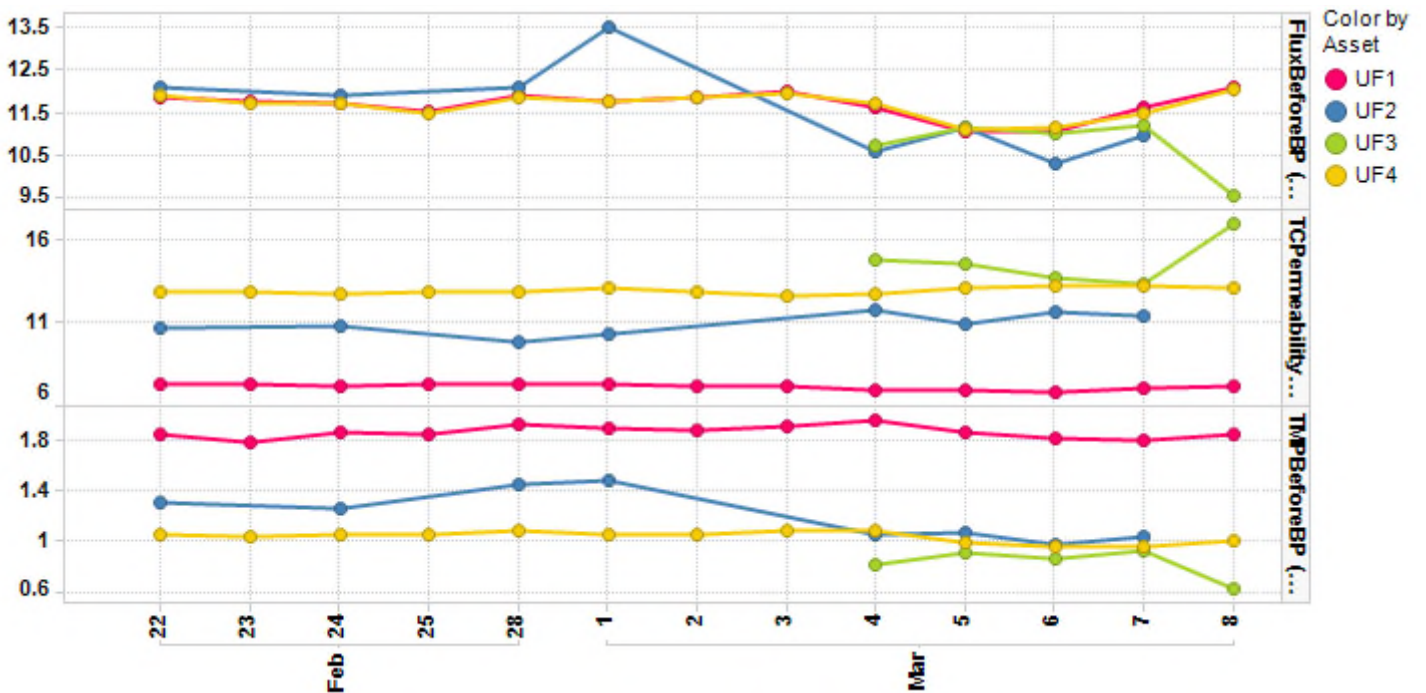
Trains UF1,2,3,4 are operating well overall. Permeability remains >8.0 gfd/psi on trains UF2,3,4 while UF1 averaged 7.2 gfd/psi. There is a slight fouling trend on UF1 which is being managed with hypo MCs.

Daily permeate production averaged 0.70 MGD. UF1 and UF4 produced the majority of permeate in this report. UF2 and UF3 produced <10% of daily permeate. Trains were off over Feb 25 – 27. Permeate temperature averaged 59°F (+3°F). All online trains are in Backpulse with constant LEAP Hi aeration

Flux averages ranged 11.0 – 11.4 across all trains

TMP BBP averaged 1.8, 1.2, 0.9, and 1.0 psi on UF1,2,3,4

TC permeability BBP averages were >8 gfd/psi on trains UF2,3,4. TCP on UF1,2,3,4 averaged 7.2, 11.2, 14.3, and 13.3 gfd/psi overall. All trains saw slightly decreased permeability averages this report. The plots below display daily median averages



Permeate turbidity ABP averages ranged from 0.09 – 0.16 NTU. All trains spiked a few times over March 4 – 8, peaking around 0.3 NTU

Table 1. Record of maintenance cleans (MCs) run.

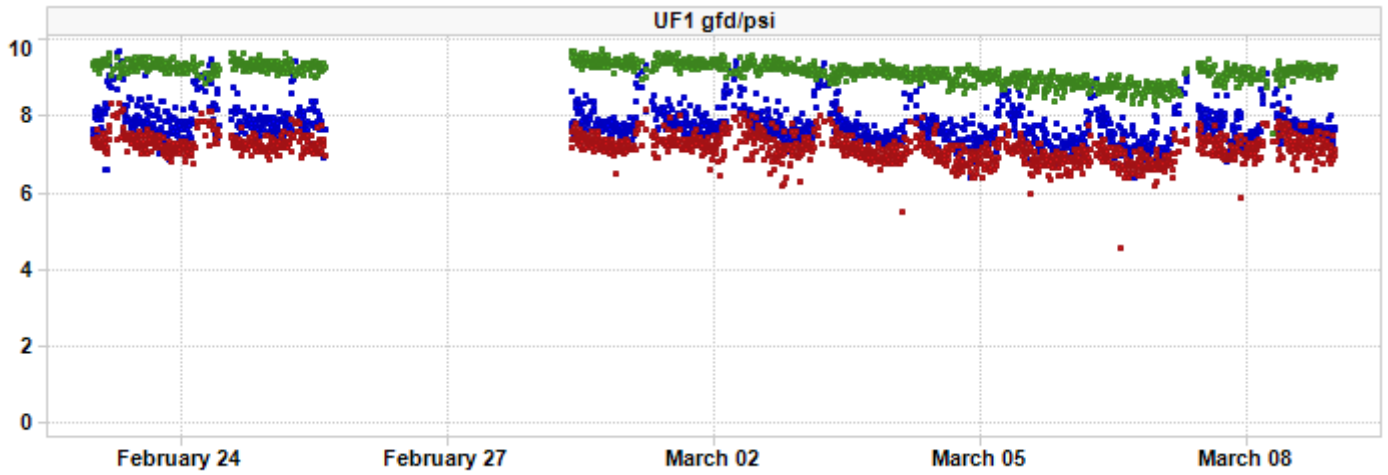
Train				
# of Hypochlorite MCs				
# of Citric Acid MCs				

Aerobic tank 1 dissolved oxygen averaged 1.09 ppm. Tank 2 averaged 2.03 ppm. The pre-anoxic zone’s DO averages were 0.71 ppm in tank 1, and 0.96 ppm in tank 2 which is slightly high for nitrification but lower than the previous report average

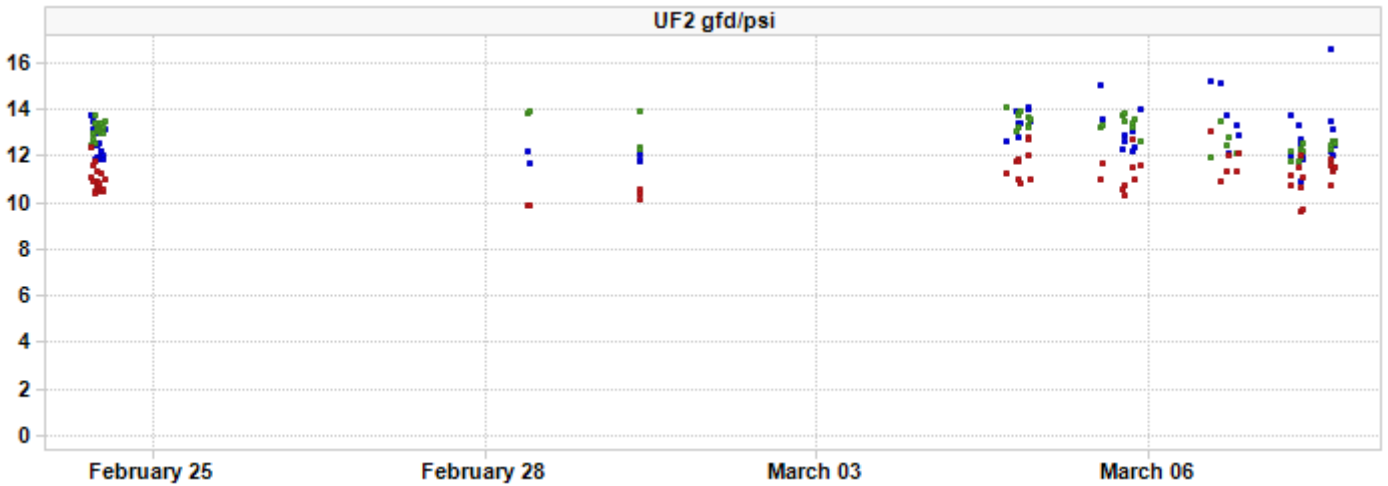


TC Permeability Trends By Train

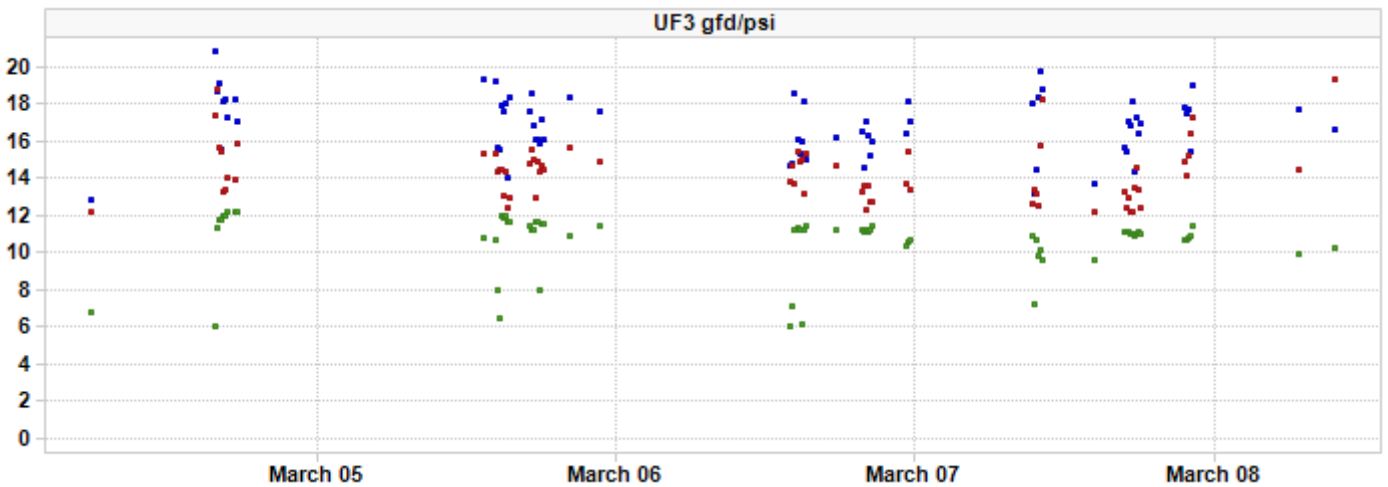
■ TCPermeabilityAfterBP
■ TCPermeabilityBeforeBP
■ TCPermeabilityDuringBP

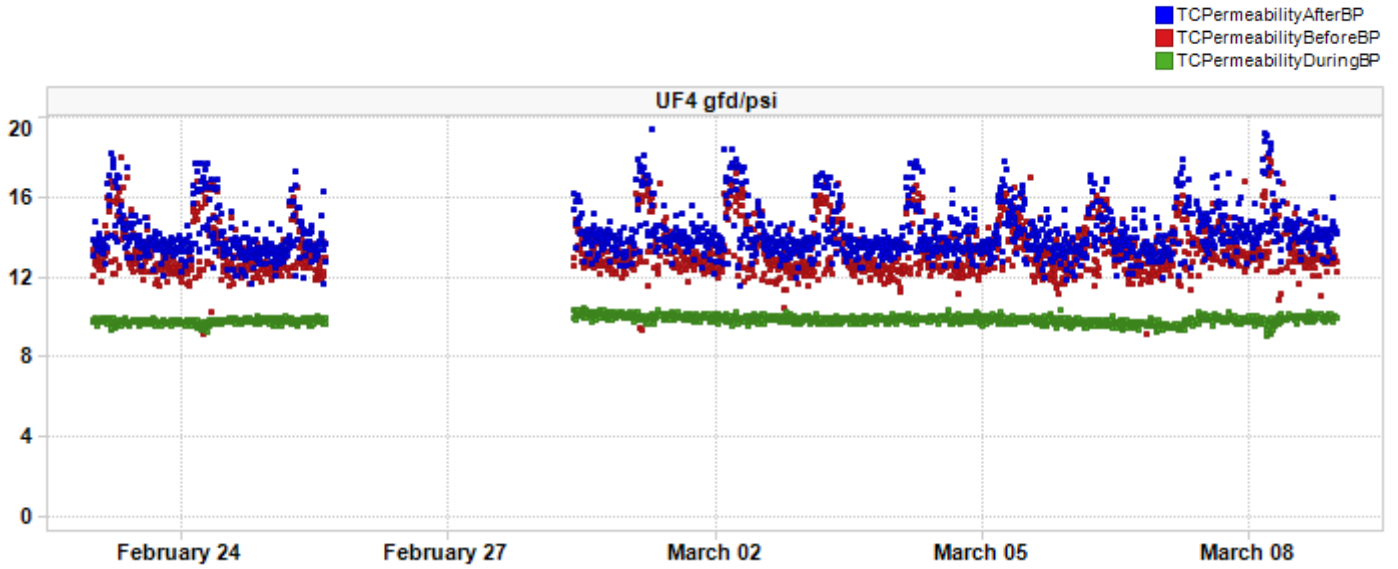


■ TCPermeabilityAfterBP
■ TCPermeabilityBeforeBP
■ TCPermeabilityDuringBP

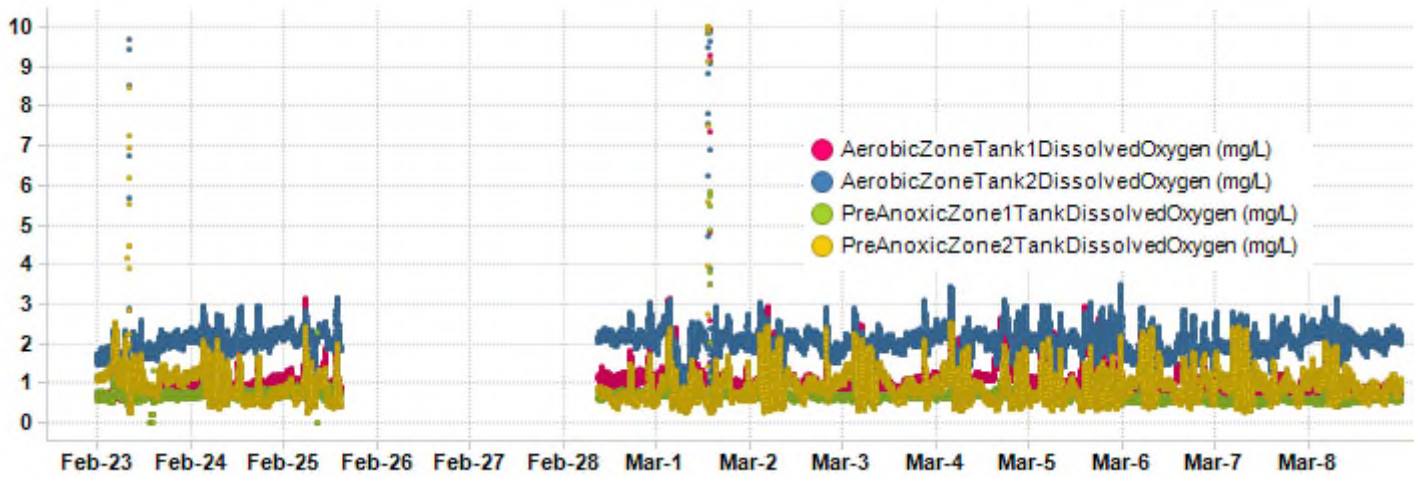


■ TCPermeabilityAfterBP
■ TCPermeabilityBeforeBP
■ TCPermeabilityDuringBP

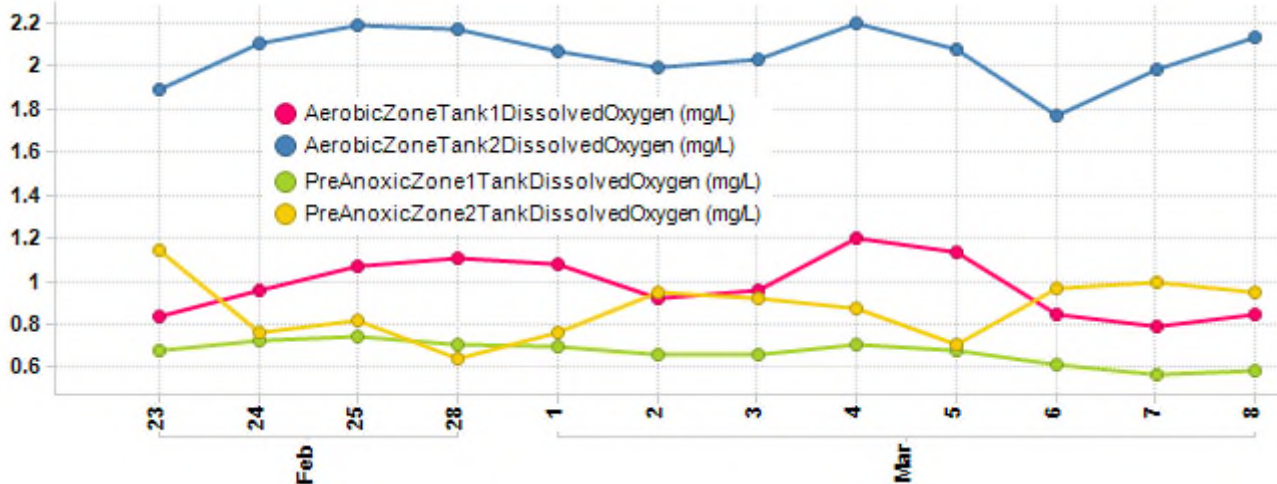




Bioreactor Dissolved Oxygen

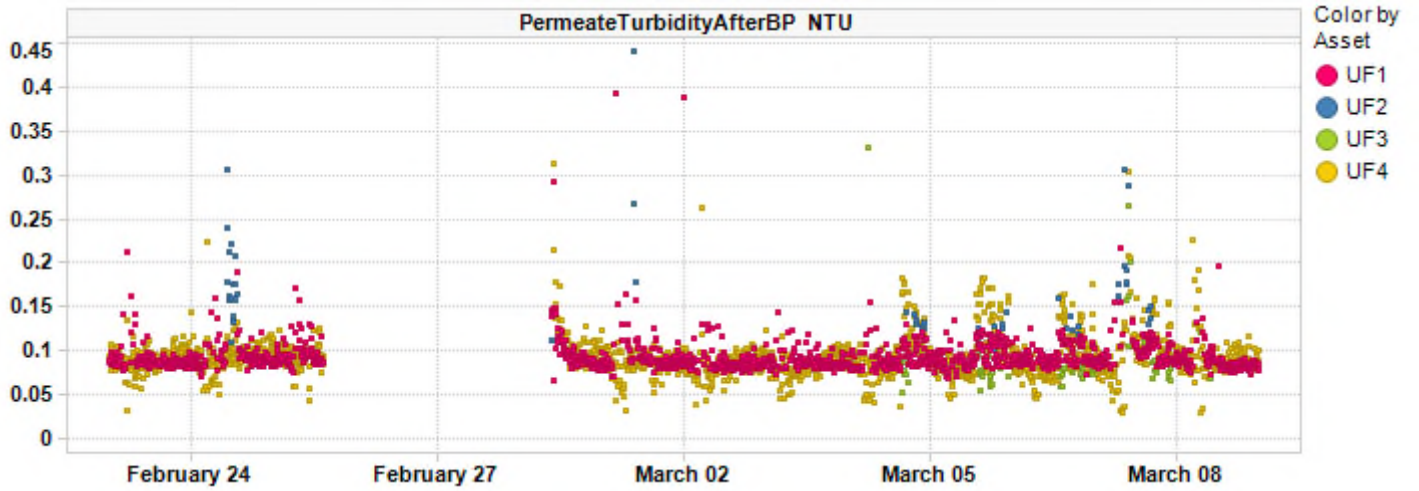


Daily median average values below

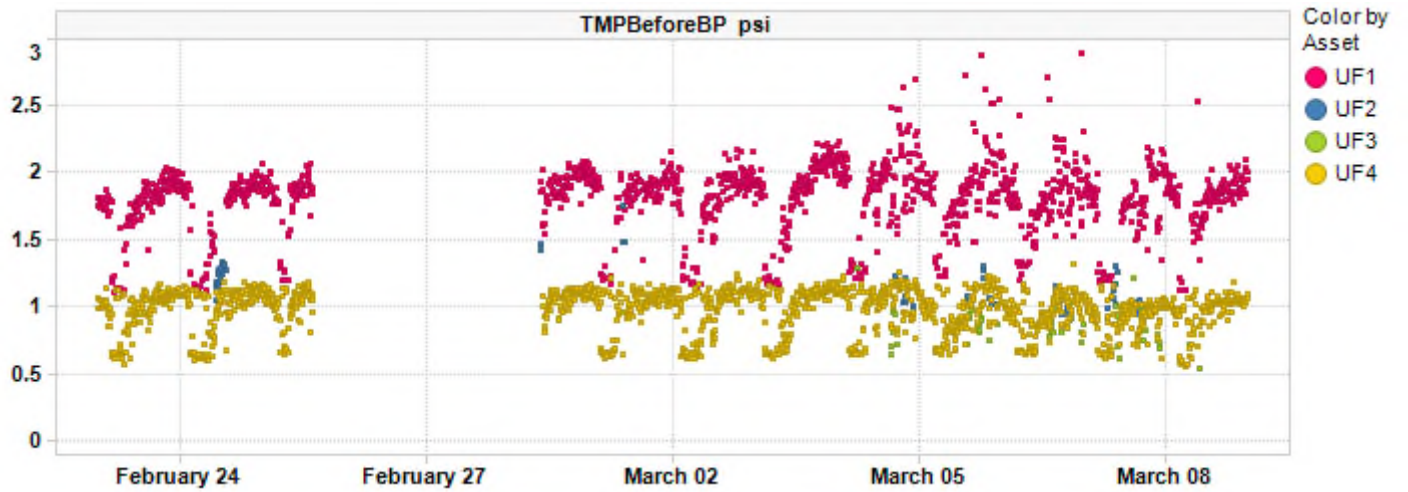




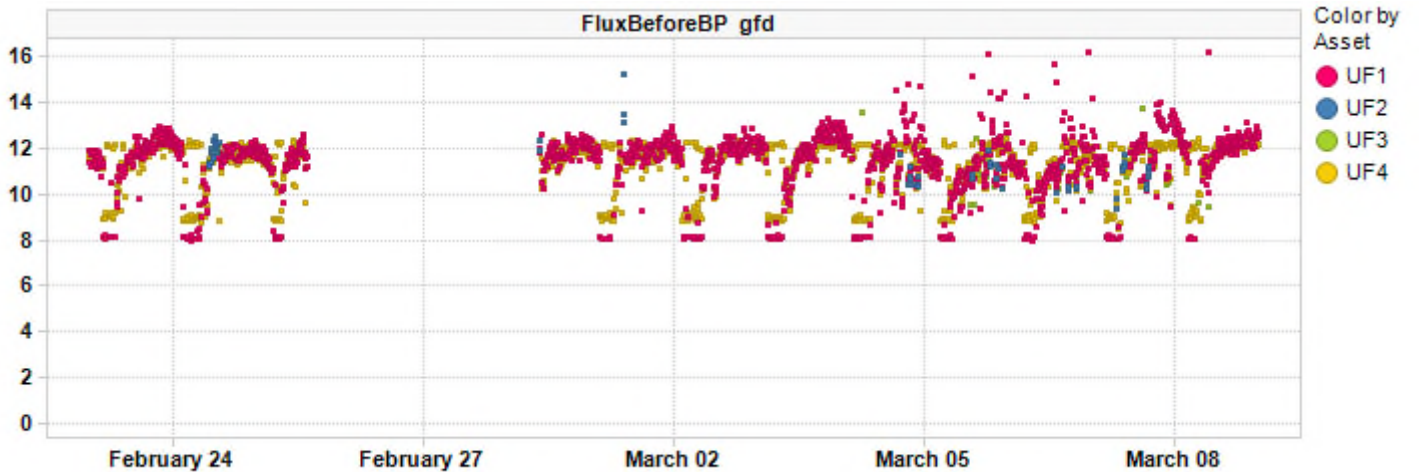
Permeate Turbidity Trend



Before BPTMP Trend

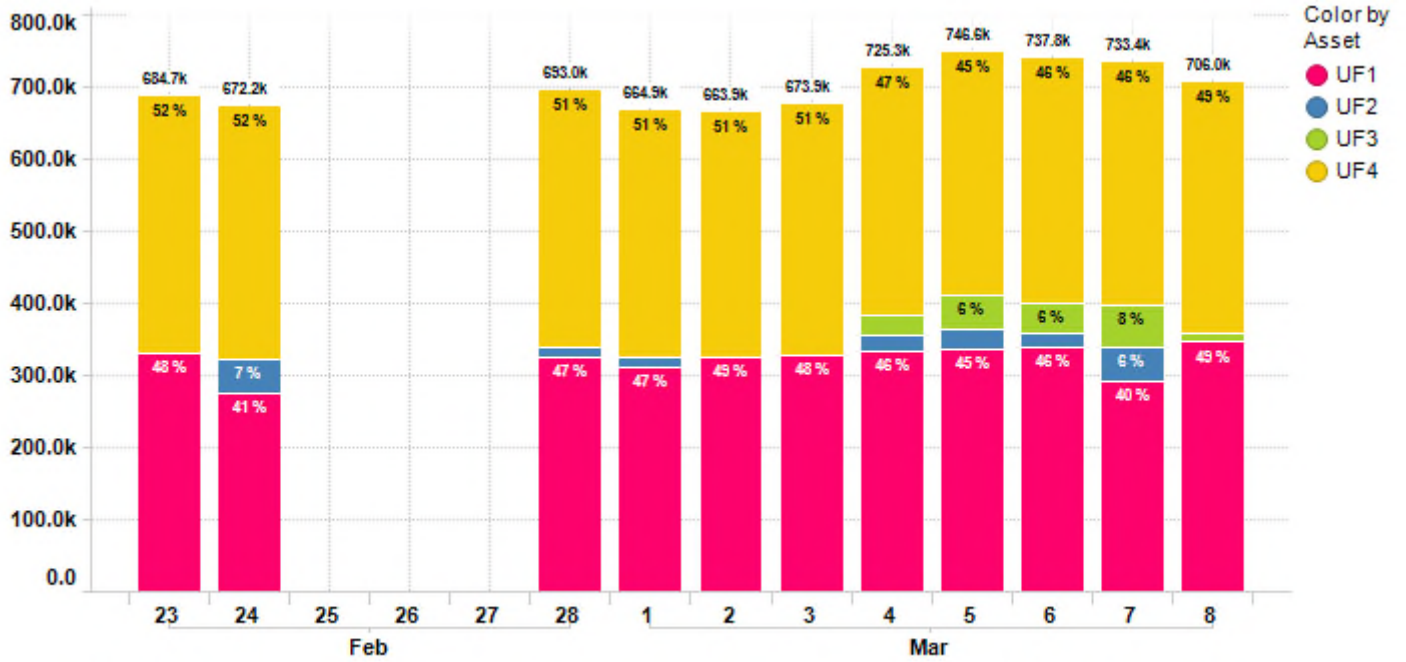


Before BP Flux Trend





Daily Permeate Flow



Average Daily permeate flow from 2/23/2022 to 3/8/2022 is 700.1k gal with a maximum daily flow of 746.6k gal.

Asset Summary

KPI Parameters	Value/Change	UF1	UF2	UF3	UF4
FluxBeforeBP gfd	Value	11.42	11.28	10.97	11.31
	Change	1.65 %	2.74 %	15.83 %	2.00 %
FluxDuringBP gfd	Value	18.64	18.42	17.76	18.73
	Change	-0.02 %	-0.20 %	-1.76 %	-0.13 %
PermeateTurbidityAfterBP NTU	Value	0.09	0.16	0.09	0.09
	Change	3.19 %	16.98 %	4.25 %	-10.97 %
TCPermeabilityBeforeBP gfd/psi	Value	7.17	11.17	14.32	13.30
	Change	-7.67 %	-11.49 %	-17.97 %	-3.12 %
TMPBeforeBP psi	Value	1.82	1.15	0.87	0.98
	Change	4.15 %	5.98 %	22.75 %	0.23 %
TotalPermeateFlowDaily gal	Value	321.22k	17.63k	21.05k	344.07k
	Change	-3.81 %	17.44 %	-20.01 %	1.88 %

Plant Summary

KPI Parameters	Value/Change	UF Plant
PermeateTemperature °F	Value	58.83
	Change	4.19 %
TotalPermeateFlowDaily gal	Value	768.86k
	Change	-1.37 %

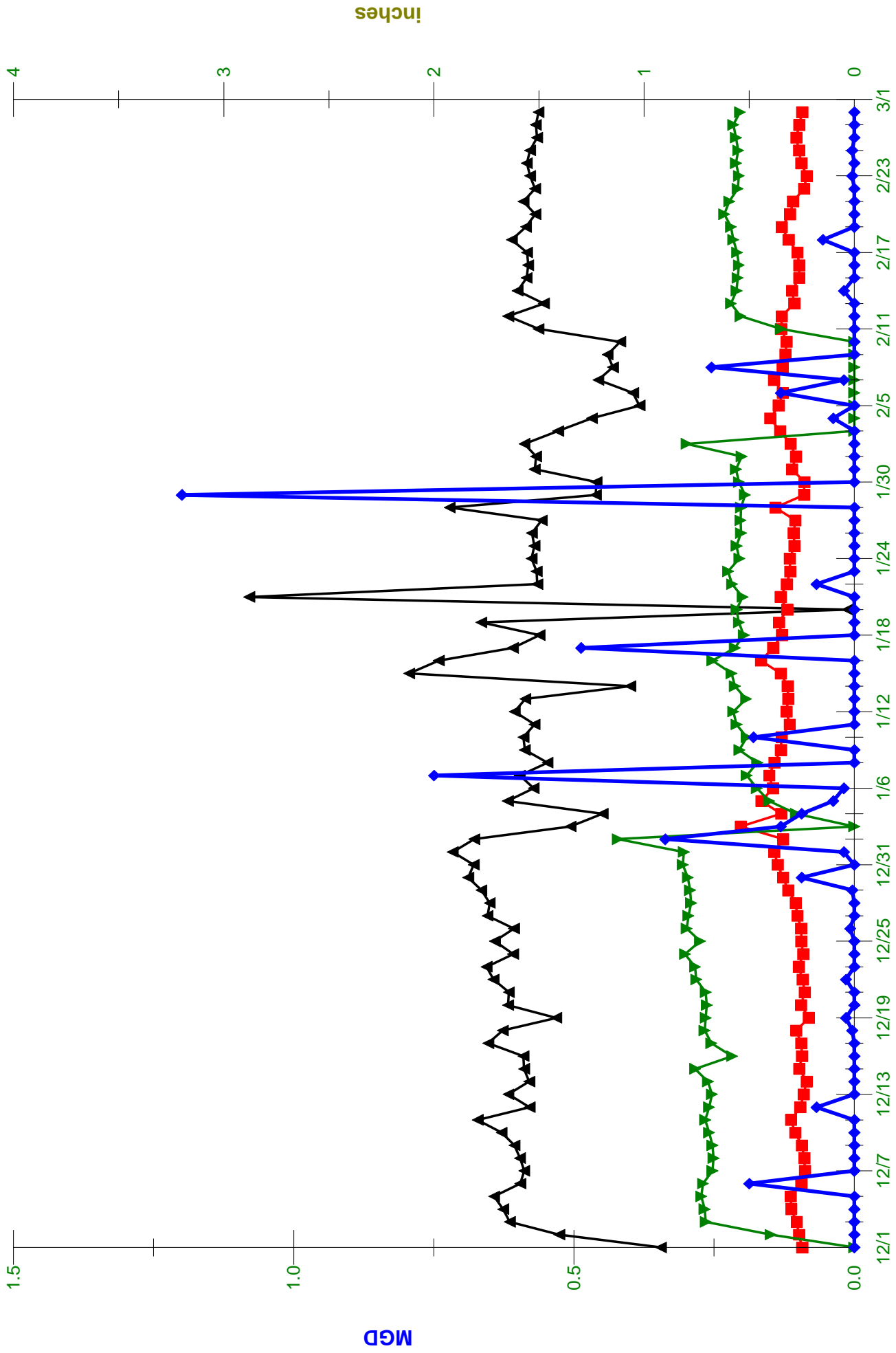


Contract Expiry Date : 08/11/2021

For InSight technical assistance please email insight.src@suez.com or please call technical support at 1 866 271 5425 or 905 469 7723 and follow the prompts, if you require after hours assistance please contact the 24/7 Emergency number provided in your plant documentation. This email is a summary of issues identified during a manual review of InSight data from the time period above. This review is an analysis of data that is logged by InSight and identifies key plant performance issues determined from this data. This data review was not focused on minor data issues but on identifying possible existing and/or upcoming critical operational issues.

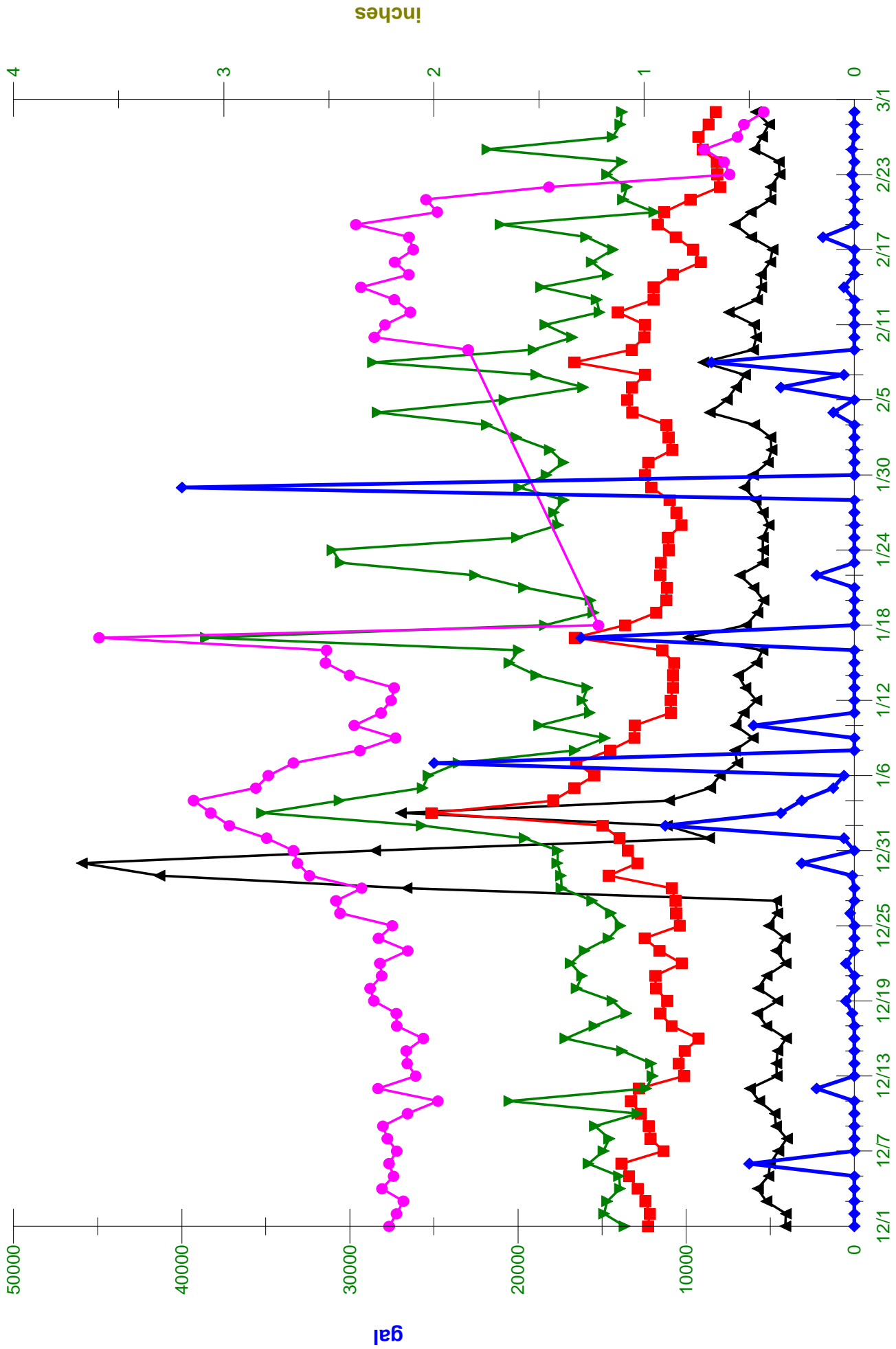
This review was prepared by SUEZ Water Technologies & Solutions solely to assist water treatment plant owners and/or operators in analyzing and optimizing plant performance and is not intended to be used or relied upon for regulatory compliance or any other purpose. The content of this review is based in whole or in part on operation data obtained from the plant using InSight software. SUEZ Water Technologies & Solutions makes no representations or warranties as to the accuracy of the plant data utilized in the preparation of this review. SUEZ Water Technologies & Solutions accepts no liability for consequences or actions taken in whole or in part by any person on the basis of this review or its contents

Data Over Time



Date (12/1/2021 to 2/28/2022)
▲ PS4 Calculated ■ PS8 Calculated ▲ PS4 Calculated Flows ◆ Sussex County Precipitation

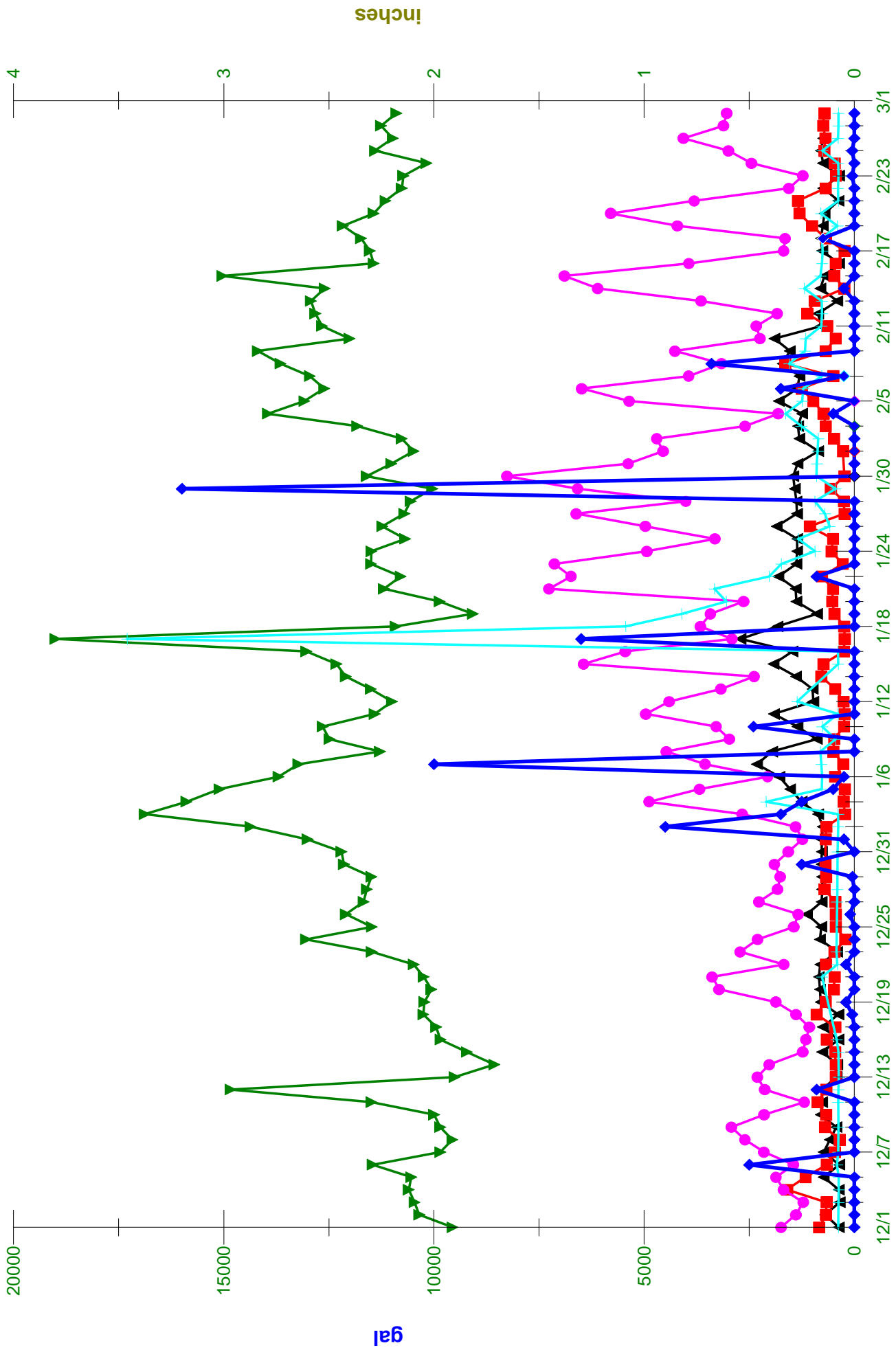
Data Over Time



Date (12/1/2021 to 2/28/2022)

- ▲ PS5 Total Pumped
- ▲ PS6 Total Pumped
- PS1 Total Pumped
- ◆ PS2 Total Pumped
- Precipitation

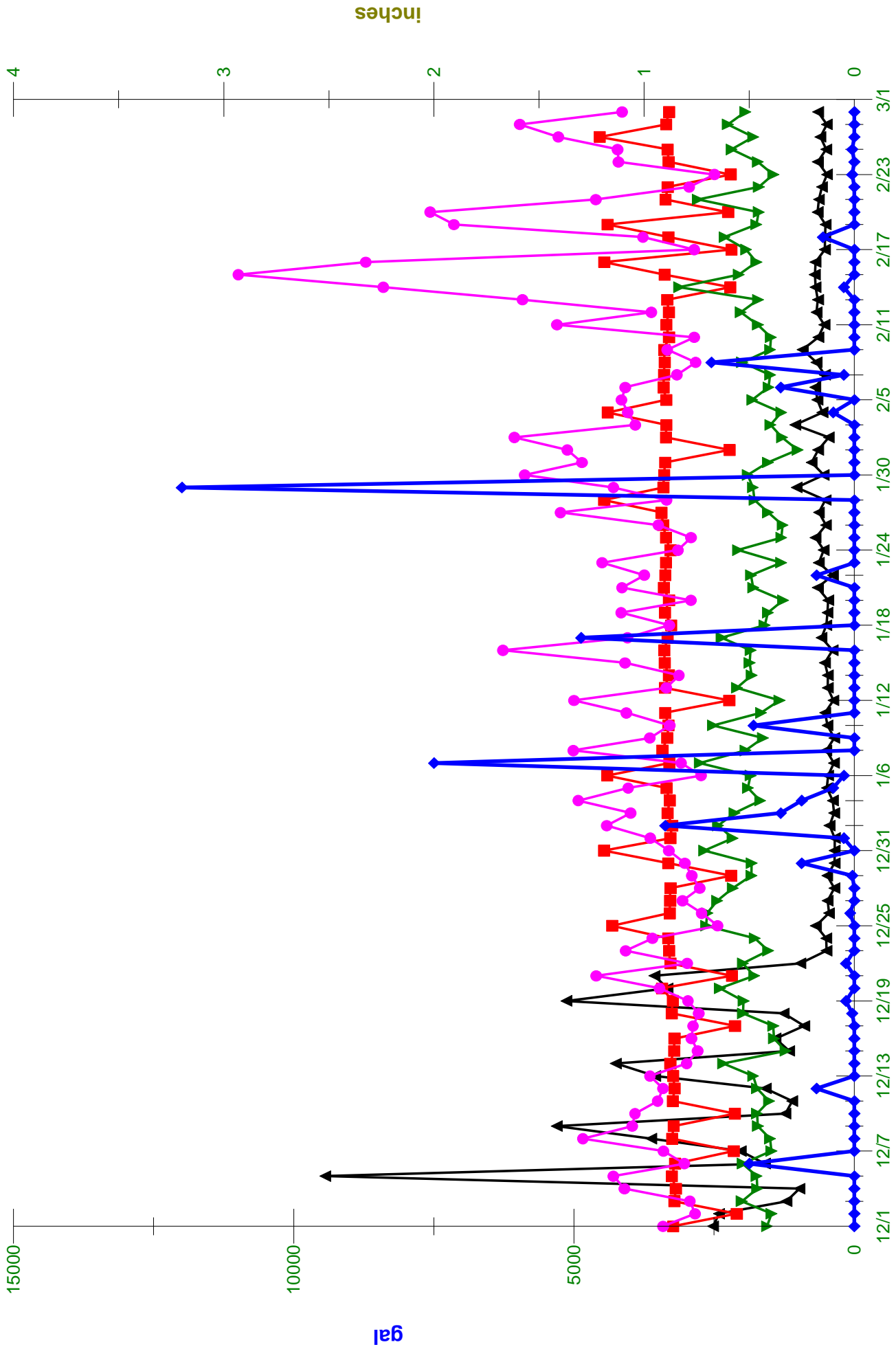
Data Over Time



Date (12/1/2021 to 2/28/2022)

- ▲ PS11 Total Pumped
- PS12 Total Pumped
- ▼ PS13 Total Pumped
- ◆ PS14 Total Pumped
- + Precipitation

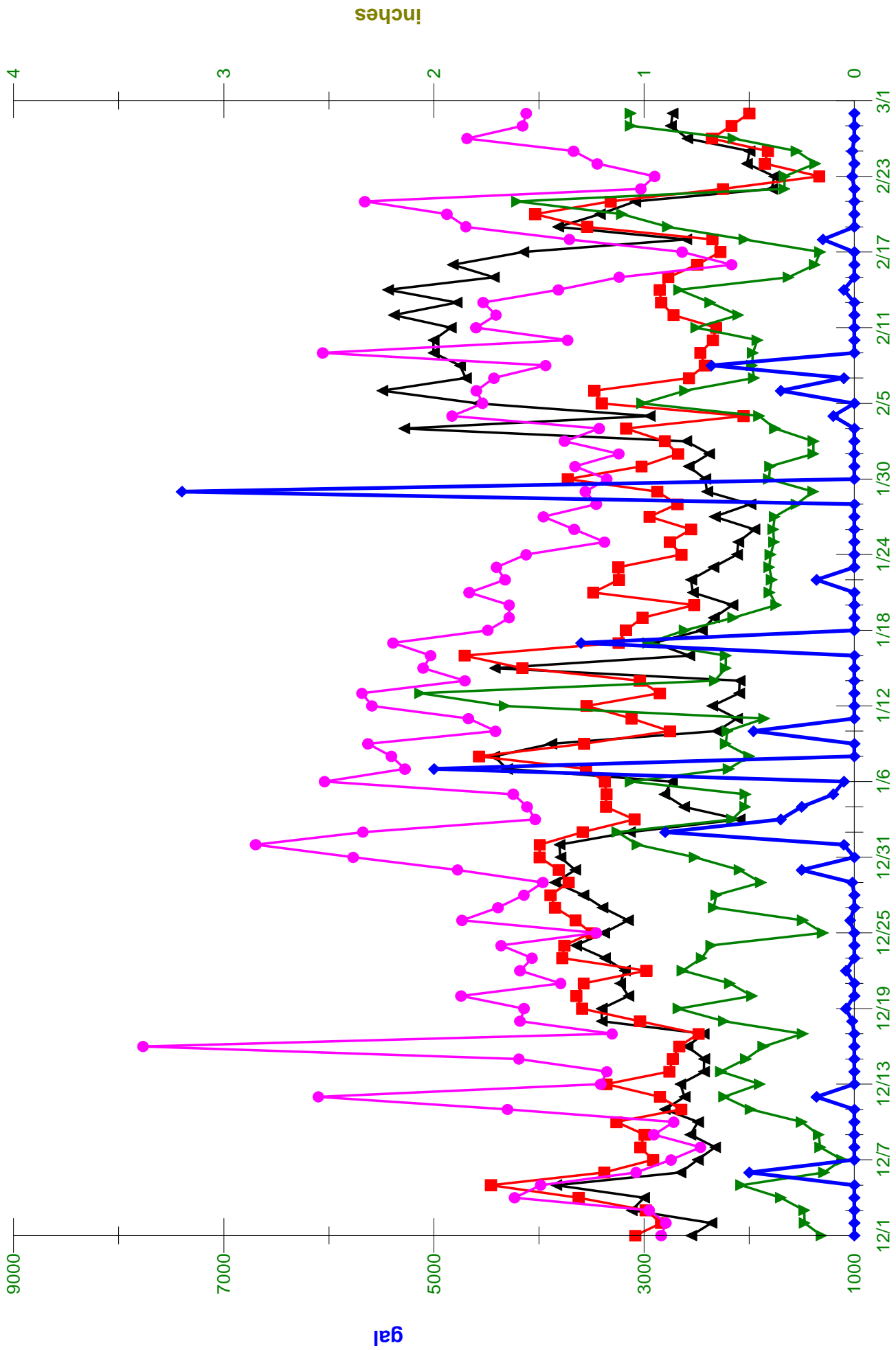
Data Over Time



Date (12/1/2021 to 2/28/2022)

▲ PS17 Total Pumped
▲ PS17B Total Pumped
● PS18 Total Pumped
◆ PS16 Total Pumped
■ Precipitation

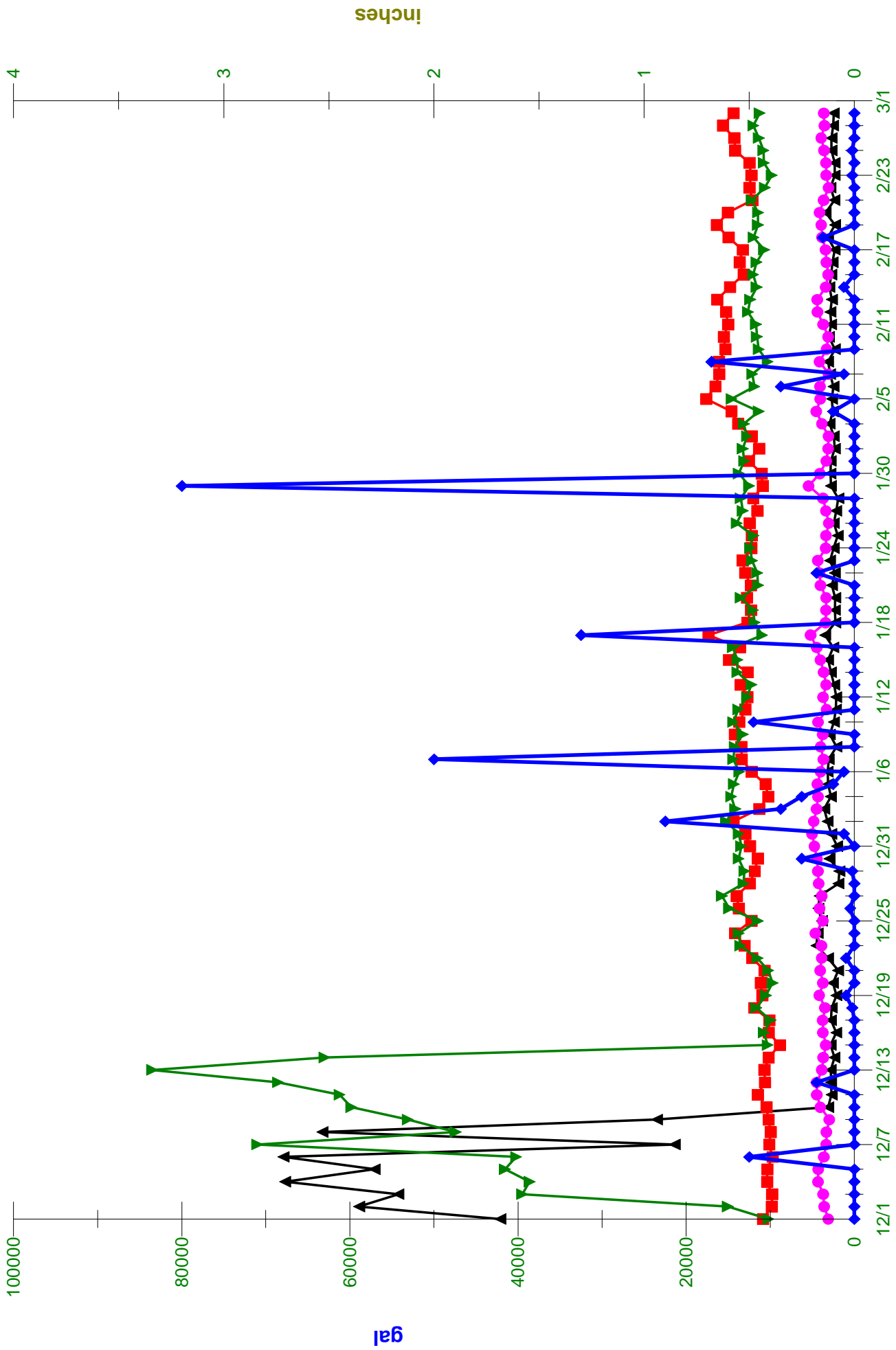
Data Over Time



Date (12/1/2021 to 2/28/2022)

▲ PS74 Total Pumped ■ PS83 Total Pumped ● PS15 Total Pumped ◆ PS7 Total Pumped ▼ Precipitation

Data Over Time



Date (12/1/2021 to 2/28/2022)

▲ PS9 Total Pumped
 ▼ PS10 Total Pumped
 ● PS19 Total Pumped
 ◆ PS32 Total Pumped
 ■ Precipitation