

Herbert, Rowland & Grubic, Inc. 369 East Park Drive Harrisburg, PA 17111 717.564.1121 www.hrg-inc.com

March 20, 2024

Clean Water Program
PA Department of Environmental Protection
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110

Re: Halifax Area Water and Sewer Authority

Chapter 94 Municipal Wasteload Management Report

Calendar Year 2023

Dear Clean Water Program:

On behalf of the Halifax Area Water and Sewer Authority (HAWASA), we are submitting the HAWASA Chapter 94 Report for Calendar Year 2023.

Should you have any questions or comments regarding the Chapter 94 Report or any of the included attachments for HAWASA, please do not hesitate to contact me at (717) 564-1121. Thank you.

Sincerely,

Herbert, Rowland & Grubic, Inc.

Erica Luongo, E.I.T.

Then Luengo

Staff Professional II | Water & Wastewater

EL/LJ/rb 001650.0425

\\Hrg.local\hrgdfsfiles\Project\0016\001650_0425\Admin\Chapter 94 Reports\Chapter 94 Report - CY2023\Draft\00. Cover Letter to DEP.docx

Enclosures

c: HAWASA Board

Mr. Jeffrey Grosser, HAWSA HRG File (w/Encl.)



369 East Park Drive Harrisburg, PA 17111 717.564.1121 www.hrg-inc.com

CHAPTER 94 WASTELOAD MANAGEMENT REPORT FOR CALENDAR YEAR 2023

Submitted to: Pennsylvania DEP Southcentral Regional Office

ATTN: Clean Water Program

909 Elmerton Avenue, Harrisburg, PA 17110

On Behalf of: Halifax Area Water and Sewer Authority,

Dauphin County, PA

Submitted: March 2024

001650.0425

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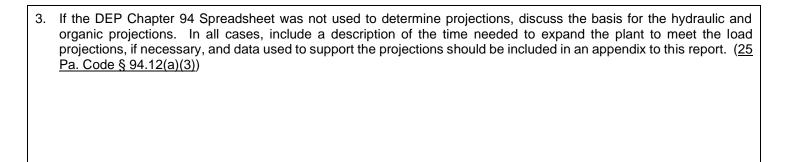
- A. DEP Chapter 94 Spreadsheet
 - **Hydraulic Loading Graph**
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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT

For Calendar Year: 2023

	Permittee is owner and/or operator of a POTW or other sewage treatment facility Permittee is owner and/or operator of a collection system tributary to a POTW not owned/operated by permittee							
		GENERAL INFO	RMATION					
Permittee Name: Halifax Area Water and Sewe Authority		Halifax Area Water and Sewer Authority	Permit No.:	PA0024457				
Ма	iling Address:	PO Box 443	Effective Date:	April 1, 2023				
Cit	y, State, Zip:	Halifax, PA 17032	Expiration Date:	March 31, 2028				
Со	ntact Person:	Jeffrey Grosser	Renewal Due Date:	October 1, 2027				
Titl	e:	Operator	Municipality:	Halifax Borough, Halifax Twp				
Ph	one:	(717) 896-3886	County:	Dauphin				
Email:		jgrosser@hawasaonline.com	Consultant Name:	Herbert, Rowland & Grubic, Inc.				
		CHAPTER 94 REPORT	COMPONENTS					
1.	5 years and project	rt a line graph depicting the monthly avera ting the flows for the next 5 years. The gra QM permit. (25 Pa. Code § 94.12(a)(1))						
	 Check the appropriate boxes: ☑ Line graph for flows attached (Attachment A) ☑ DEP Chapter 94 Spreadsheet used (Attachment A) ☐ Section 1 is not applicable (report is for a collection system). 							
2.	2. Attach to this report a line graph depicting the monthly average organic loads (express as lbs BOD5/day) for each month for the past 5 years and projecting the organic loads for the next 5 years. The graph must also include a line depicting the organic design capacity of the treatment plant per the WQM permit. (25 Pa. Code § 94.12(a)(2))							
	Check the appropriate boxes: ☐ Line graph for organic loads attached (Attachment A) ☐ DEP Chapter 94 Spreadsheet used (Attachment A) ☐ Section 2 is not applicable (report is for a collection system).							



4. Attach a map showing all sewer extensions constructed within the past calendar year, sewer extensions approved or exempted in the past year in accordance with Act 537 and Chapter 71, but not yet constructed, and all known proposed projects which require public sewers but are in the preliminary planning stages. The map must be accompanied by a list summarizing each extension or project and the population to be served by the extension or project. If a sewer extension approval or proposed project includes schedules describing how the project will be completed over time, the listing should include that information and the effect this build-out-rate will have on populations served. (25 Pa. Code § 94.12(a)(4))

Check the appropriate boxes:

\boxtimes	Map showing sewer extensions constructed, approved/exempted but not yet constructed, and proposed prop	rojects
	attached (Attachment B)	
	List summarizing each extension or project attached (Attachment)	
	Schedules describing how each project will be completed over time and effects attached (Attachment)	

Comments:

No new connections to the Authority's collection system were made in 2023. One (1) disconnection was made to the Authority's collection system were made in 2023.

The Authority is currently in construction the Halifax Township Sewer Extension Project, which includes the extension of sanitary sewer along Peters Mountain Road to serve residents in Halifax Township. This project consists of various low pressure sewer systems, gravity collectors, three (3) pump stations and associated force mains. This project will initially add approximately 300 EDUs (existing homes) to the Authority WWTP with an ultimate buildout to 407 EDUs. The construction of the proposed sanitary sewer extension is expected to be completed within the current 5 year planning period.

HAWASA has completed the Wastewater Treatment Plant (WWTP) Upgrade Project, which involved construction of a new WWTP at the site of the old HAWASA WWTP. The upgraded WWTP has a rated hydraulic capacity of 0.28 MGD and a new organic loading capacity of 636 lbs BOD5/day. The WWTP Upgrade Project involved improvements to the WWTP Main Pumping Station to correct the overload at this pump station and an expansion of capacity to facilitate the Halifax Township Sewer Extension Project, which is currently under construction. The WWTP Upgrade Project achieved substantial completion in June 2023 and final closeout documents were distributed in December 2023. A final site inspection by PA DEP was completed on March 14, 2024.

The Notice to Proceed for the Halifax Township Sewer Extension Project was issued on March 22, 2023. Based on this date, substantial completion is scheduled for November 11, 2024. The Lenker Estates development is anticipated to be the first development ready for connection to the system and accounts for approximately 50 EDUs. These EDUs will come online following completion of the Lenker Pump Station, currently scheduled for April 2024. Additional EDUs will be connected as construction is completed on the Roadcap Pumping Station and the Creek Road Pumping Station and as low pressure systems are able to be brought online.

Several land development projects are currently in preliminary planning stages:

• Sycamore Ridge

The Sycamore Ridge community is expected to connect to the Authority's system in the 5-year planning period. The development will be constructed east of Pennsylvania Route 147. Sewer facilities will consist of a gravity sewer that will tie into the existing gravity system main and ultimately drain into the WWTP Main Pumping Station. The Sycamore Ridge development will add 124 new EDUs to the WWTP. Preliminary LD plans have been submitted to the Authority and reviewed; however, plans have been shelved until the CAP is lifted. It is anticipated that the CAP on any new connections to the Main PS will be lifted in 2024. It is assumed the Sycamore Ridge Community will be added onto the system in 2025. Land development plans for

Sycamore Ridge have been submitted to the Authority and the location of the development is outlined in Attachment B.

Halifax Commons

Halifax Commons is a proposed commercial development located at the intersection of South River Road (S.R. 0147) and Peters Mountain Road (S.R. 0225). The proposed development consists of three (3) commercial buildings with approximate footprints of 6,889 S.F., 2,486 S.F., and 2,527 S.F. and associated parking areas and other amenities. Two (2) driveways are proposed. A full movement driveway is proposed on Peters Mountain Road. A right-out only driveway is proposed on S River Road. Utility connections will be made to the existing utilities along Peters Mountain Road. Flow from Halifax Commons will enter the Authority WWTP through the gravity line at the east side of the WWTP. For planning purposes, current plans estimate an addition of six (6) EDUs to the system to be connected in 2024. This flow is not tributary to the WWTP Main Pumping Station. Land development plans for Halifax Commons have been submitted to the Authority and the location of the development is outlined in Attachment B.

Halifax Residential

Halifax Residential is a proposed residential development located along Peters Mountain Road (S.R. 0225). The new development will consist of approximately 120 apartment units. A preliminary site sketch was provided for review to the Authority in early 2023. No further planning on Halifax Residential has occurred since that time. For planning purposes, it was assumed these connections would be made in 2025. Flow from Halifax Residential will enter the Authority WWTP through the gravity line at the east side of the WWTP. This flow is not tributary to the WWTP Main Pumping Station. The location of the development is outlined in Attachment B.

5. Discuss the permittee's program for sewer system monitoring, maintenance, repair and rehabilitation, including routine and special activities, personnel and equipment used, sampling frequency, quality assurance, data analyses, infiltration/inflow monitoring, and, where applicable, maintenance and control of combined sewer regulators during the past year. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(5))

Repairs to the Authority's collection system are conducted on an as-needed basis. There are two full-time operators of the sewer system, shared with the water system. The collection system maintenance program consists of daily checks of the Authority's pump stations and routine checks of manholes throughout the collection system. Manhole inserts have been placed in manholes that appear to be affected by inflow. No serious problems have been observed in the collection system. The system is not a combined sewer system and no regulators are present. The maintenance teams conduct regular inspections of the gravity system, and jet clean the system where needed.

6.	Discuss the condition of the sewer system including portions of the system where conveyance capacity is being exceeded or will be exceeded in the next 5 years and portions where rehabilitation or cleaning is needed or is underway to maintain the integrity of the system and prevent or eliminate bypassing, CSOs, SSOs, excessive infiltration and other system problems. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(6))
	 Check the appropriate boxes: ☐ System experienced capacity-related bypassing, SSOs or surcharging during the report year. On a separate sheet, list the date, location, and reason for each bypass, SSO or surcharge event. ☐ System did not experience capacity-related bypassing, SSOs or surcharging during the report year.
	Comments:
	No sanitary sewer overflows (SSOs) were observed in the Authority's system in the 2023 calendar year.
	PA DEP had identified a hydraulic overload condition at the HAWASA WWTP Main Pumping Station and occurrences of permit violations at the WWTP itself. In response to these issues, HAWASA entered into a Consent Order and Agreement (COA) with PA DEP for the upgrade of the main pump station and WWTP.
	In accordance with the schedule contained in the COA, HAWASA submitted a Wastewater Treatment Plant Alternatives Review and Design Engineers Report, prepared by Herbert, Rowland & Grubic, Inc. (HRG), to PA DEP. HRG had determined that the Authority's WWTP will require comprehensive upgrades to nearly all unit processes in order to eliminate the hydraulic overload condition at the Main Pumping station and the occurrence of permit violations at the WWTP. Improvements to the Main Pumping Station at the WWTP and the WWTP itself are in the process of being completed as part of the WWTP Upgrade project. The Water Quality Management Permit for construction of the WWTP Upgrade project was issued by PA DEP on March 12, 2020.
	HAWSA concluded construction on the Wastewater Treatment Plant Upgrade Project in June 2023. The project included the construction of new headworks, two (2) new sequencing batch reactors (SBRs), construction of a new post-equalization tank, upgraded disinfection system, new chemical equipment and improvements to existing biological tanks and digester tanks. The project increased the capacity of the existing WWTP to 0.28 MGD. In addition to treatment plant upgrades, the project also entailed upgrades to the hydraulically overloaded Main Pumping Station. The Main Pumping Station concluded construction and was placed into service on August 17, 2022. Based on the operating run times provided in this report, there is no longer an overload at the Main Pumping Station.
7.	Attach a discussion on the condition of sewage pumping (pump) stations. Include a comparison of the maximum pumping rate with present maximum flows and the projected 2-year maximum flows for each station. (25 Pa. Code § 94.12(a)(7))
	Check the appropriate boxes:
	☐ The collection system does not contain pump stations
	☐ The collection system does contain pump stations (Number – 2)
	Discussion of condition of each pump station attached (Attachment C)

8.	If t	he sewage collection system receives industrial wastes (i.e., non-sanitary wastes), attach a report with the
		ormation listed below. (25 Pa. Code § 94.12(a)(8))
	a.	A copy of any ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted since the initial submission of the ordinance or regulation under Chapter 94, if it has not previously been submitted.
	b.	A discussion of the permittee's or municipality's program for surveillance and monitoring of industrial waste discharges into the sewer system during the past year.
	C.	A discussion of specific problems in the sewer system or at the plant, known or suspected to be caused by industrial waste discharges and a summary of the steps being taken to alleviate or eliminate the problems. The discussion shall include a list of industries known to be discharging wastes which create problems in the plant or in the sewer system and action taken to eliminate the problem or prevent its recurrence. The report may describe pollution prevention techniques in the summary of steps taken to alleviate current problems caused by industrial waste dischargers and in actions taken to eliminate or prevent potential or recurring problems caused by industrial waste dischargers.
	Ch	eck the appropriate boxes:
	닏	Industrial waste report as described in 8 a., b. and c. attached (Attachment)
	Ш	Industrial pretreatment report as required in an NPDES permit attached (Attachment)
9.	Exi	sting or Projected Overload.
	Ch	eck the appropriate boxes:
	\boxtimes	This report demonstrates an existing hydraulic overload condition The Main PS was reconstructed in Fall
		2022, and is therefore no longer hydraulically overload.
	\vdash	This report demonstrates a projected hydraulic overload condition.
	\vdash	This report demonstrates an existing organic overload condition. This report demonstrates a projected organic overload condition.
	ш	This report demonstrates a projected organic overload condition.
	or p	ne or more boxes above have been checked, attach a Corrective Action Plan (CAP) to reduce or eliminate present projected overloaded conditions under §§ 94.21 and/or 94.22 (relating to existing overload and projected overload). Pa. Code § 94.12(a)(9)
	\boxtimes	Corrective Action Plan attached (Attachment F)
10	۱۸/ه	ere required by the NPDES permit, attach a Sewage Sludge Management inventory that demonstrates a mass
10.		ance of solids coming in and leaving the facility over the previous calendar year.
	\boxtimes	Sewage Sludge Management Inventory attached (Attachment D)
11.		facilities with CSOs and where required by the NPDES permit, attach an Annual CSO Report (including satellite nbined sewer systems).
		Annual CSO Report attached (Attachment)
12.		POTWs, attach a calibration report documenting that flow measuring, indicating and recording equipment has been brated annually. (25 Pa. Code § 94.13(b))
		Flow calibration report attached (Attachment E)

RESPONSIBLE OFFICIAL CERTIFICATION

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 gathered and evaluated 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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).					
Jeffrey Grosser, Lead Operator	Jehn Drosh				
Name of Responsible Official	Signature				
(717) 896-3886	3-19-2024				
Telephone No.	Date				
PRI	EPARER CERTIFICATION				
I certify under penalty of law that this document and all attachments were prepared by me or otherwise under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. 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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).					
Justin Mendinsky, P.E.	Aut Illending				
Name of Preparer	Sighature				
(717) 564-1121	3/19/2024				
Telephone No.	Date				

ATTACHMENT A: Hydraulic And Organic Loading Data And Line Graphs







PADEP Chapter 94 Sprea Sewage Treatment

Reporting Year:

2023

Facility Name:

Halifax Wastewater Treatment Plant

Permit No.:

24457

Persons/EDU:

3.5

Existing Hydraulic Design Capacity: Upgrade Planned in Next 5 Years? Future Hydraulic Design Capacity:

0.28 NO

MGD Year: MGD

Existing Organic Design Capacity: Upgrade Planned in Next 5 Years? **Future Organic Design Capacity:**

636 NO

lbs BOD5/day Year: lbs BOD5/day

Monthly	y Average	Flows	for Past	Five	Years	(MGD)

					-
Month	2019	2020	2021	2022	2023
January	0.1445	0.103	0.0952	0.0803	0.1039
February	0.1352	0.1137	0.0918	0.1144	0.0848
March	0.1429	0.1255	0.1298	0.126	0.0906
April	0.1603	0.1398	0.1405	0.147	0.0777
May	0.1933	0.1714	0.1344	0.1804	0.0904
June	0.1586	0.1586	0.1382	0.1316	0.0723
July	0.1451	0.1561	0.221	0.1429	0.1024
August	0.1233	0.1523	0.1892	0.1037	0.0876
September	0.111	0.127	0.2177	0.0826	0.0764
October	0.1018	0.105	0.1417	0.085	0.0727
November	0.0966	0.0933	0.1017	0.0798	0.0638
December	0.0955	0.0947	0.0842	0.096	0.0868
Annual Avg	0.134	0.1284	0.1405	0.1141	0.0841
Max 3-Mo Avg	0.1707	0.162	0.2093	0.153	0.0949
Max : Avg Ratio	1.27	1.26	1.49	1.34	1.13
Existing EDUs	753.0	753.0	753.0	753.0	752.0
Flow/EDU (GPD)	178.0	170.5	186.6	151.5	111.8
Flow/Capita (GPD)	50.8	48.7	53.3	43.3	32.0
Exist. Overload?	NO	NO	NO	NO	NO

Month
January
February
March
April
May
June
July
August
September
October
November
December
Annual Avg

Monthly Average BOD5 Loads for Past Five Years (Ibs/day)					
Month	2019	2020	2021	2022	2023
January	102	125	126	120	130
February	114	181	147	148	132
March	108	86	155	98	138
April	133	89	176	115	172
May	71	73	193	138	111
June	103	156	230	63	100
July	177	232	149	123	84
August	146	332	214	207	160
September	169	423	132	180	139
October	131	157	252	177	189
November	157	175	115	113	149
December	136	148	149	169	236
Annual Avg	129	181	170	138	145
Max Mo Avg	177	423	252	207	236
Max : Avg Ratio	1.37	2.33	1.48	1.50	1.63
Existing EDUs	753	753	753	753	752
Load/EDU	0.171	0.241	0.226	0.183	0.193
Load/Capita	0.049	0.069	0.064	0.052	0.055
Exist. Overload?	NO	NO	NO	NO	NO

Projected Flows for Next Five Years (MGD)

	2024	2025	2026	2027	2028
New EDUs	306.0	244.0	2.0	2.0	2.0
New EDU Flow	0.0489	0.039	0.0003	0.0003	0.0003
Proj. Annual Avg	0.1691	0.2081	0.2084	0.2087	0.209
Proj. Max 3-Mo Avg	0.2196	0.2703	0.2707	0.2711	0.2715
Proj. Overload?	NO	NO	NO	NO	NO

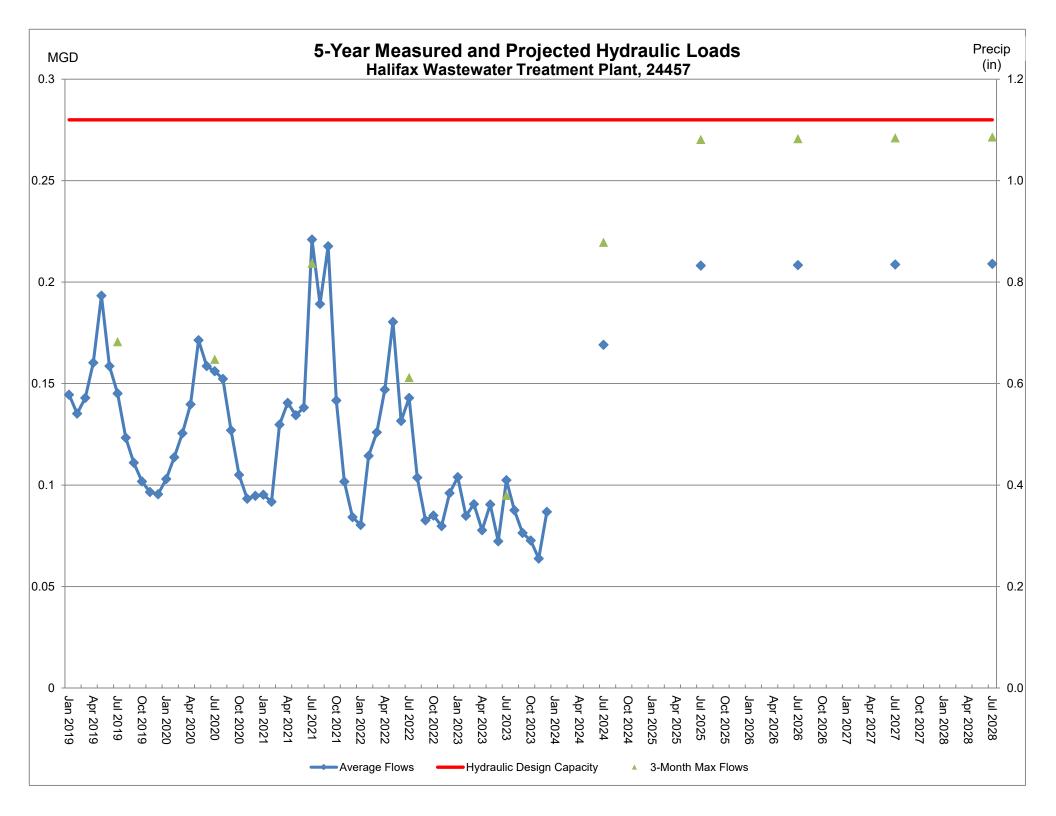
	<u>Proje</u>	cted BOD5 Lo	oads for Next I	ive Years (lbs	s/day)
	2024	2025	2026	2027	2028
New EDUs	306	244	2	2	2
lew EDU Load	62.008	49.444	0.405	0.405	0.405

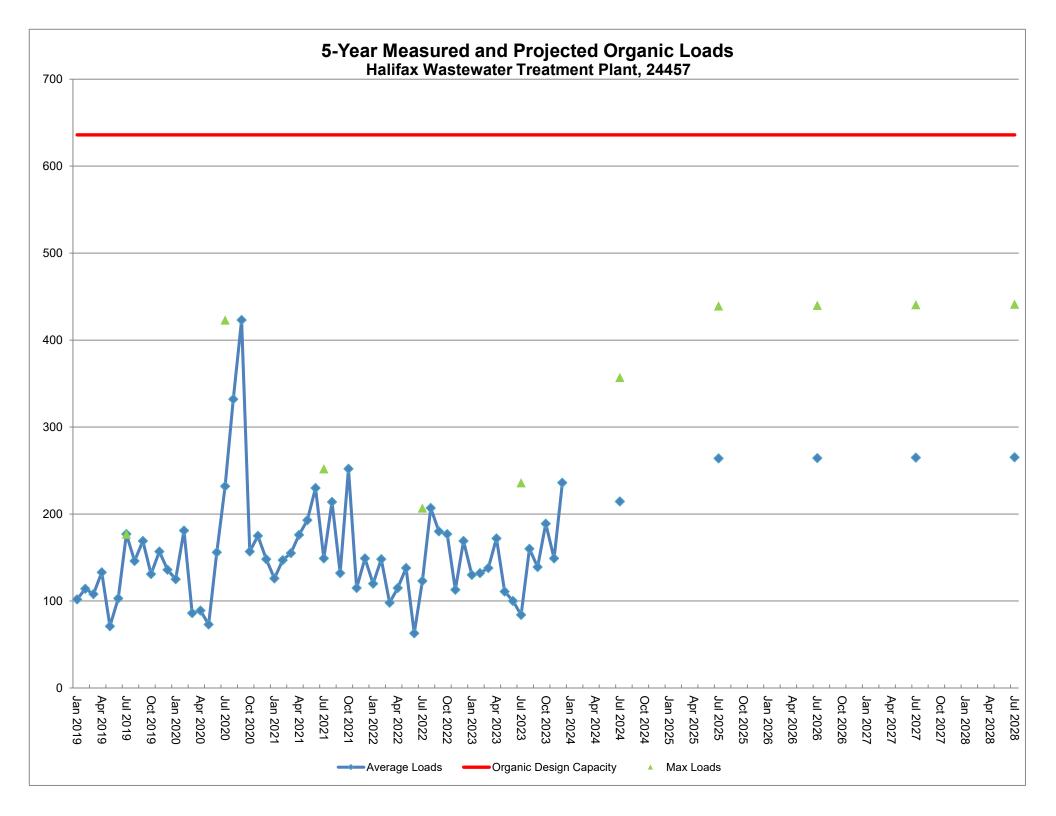
)5 Proj. Annual Avg 215 264 264 265 265 441 441 Proj. Max Avg 357 439 440 Proj. Overload? NO NO NO NO NO

Show Precipitation Data on Hydraulic Graph?

Total Monthly Precipitation for Past Five Years (Inches)

Month	2019	2020	2021	2022	2023
January	2.46	2.77	2.9	2.73	4.0
February	2.83	2.53	2.9	2.92	1.0
March	2.22	3.46	5.3	1.66	1.9
April	4.31	3.5	3.9	4.46	4.0
May	5.05	4.3	5.25	6.67	1.7
June	2.47	2.86	2.4	4.31	4.55
July	5.44	0.92	10.0	2.81	6.5
August	3.94	3.96	11.5	1.66	6.7
September	2.29	1.71	14.55	3.96	5.6
October	5.0	3.69	3.9	3.2	2.2
November	2.11	2.12	2.6	2.71	1.9
December	3.81	5.11	1.25	4.02	5.7



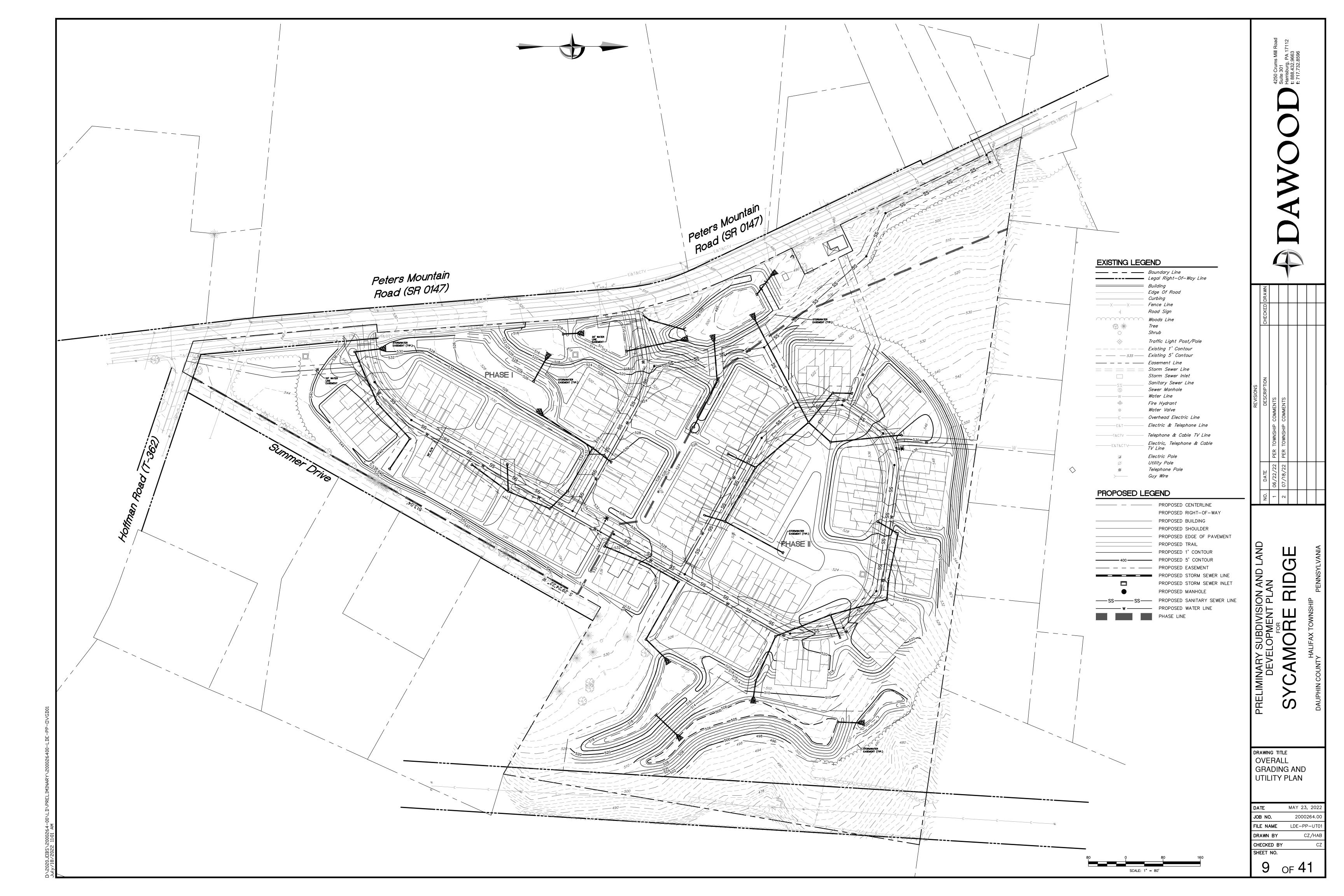


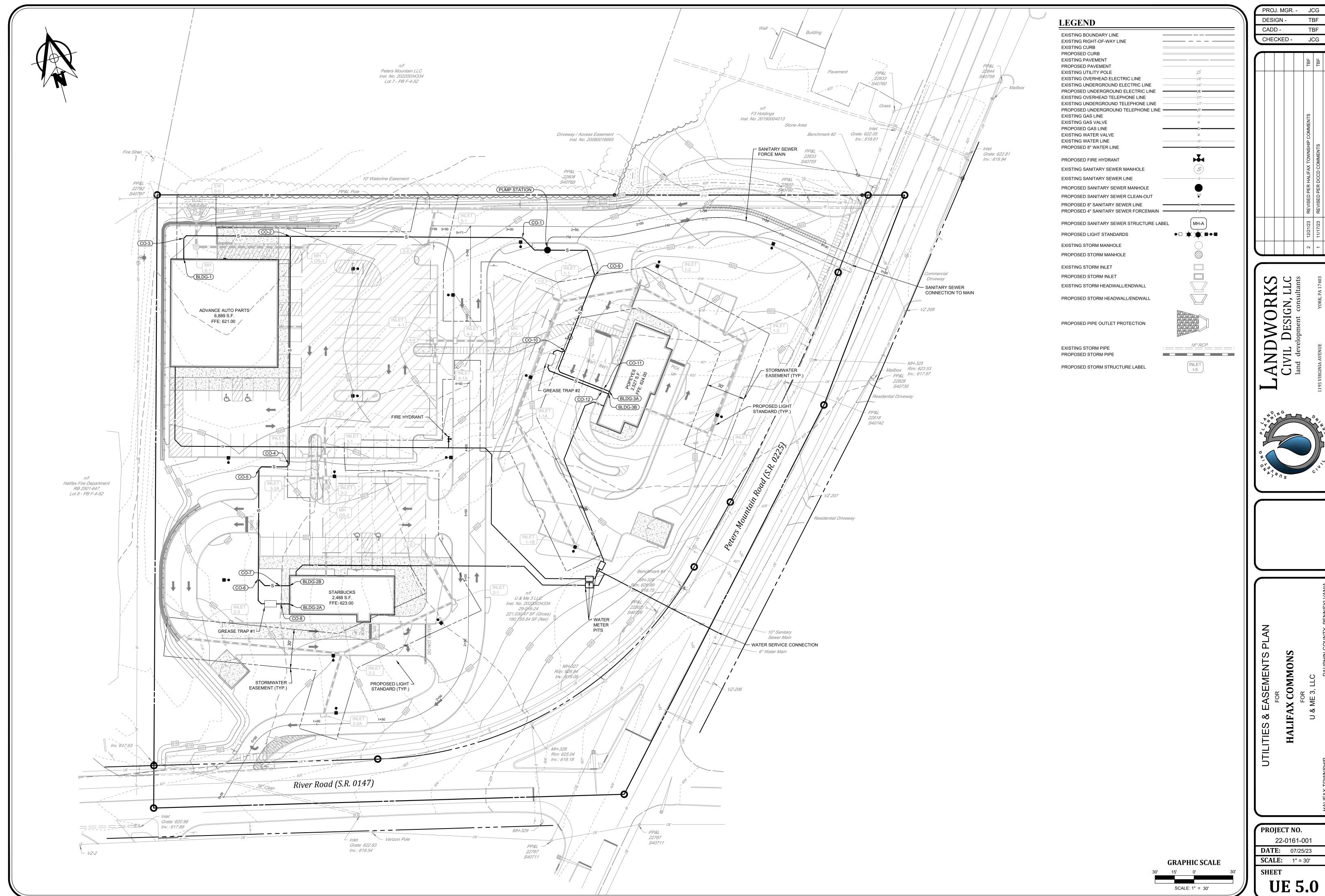
ATTACHMENT B: General Plan/Sewer Extensions











PROJ. MGR. - JCG DESIGN -TBF TBF CHECKED -JCG

PROJECT NO. 22-0161-001 **DATE:** 07/25/23 **SCALE:** 1" = 30' **SHEET**



ATTACHMENT C: Condition of Pump Stations





CONDITION OF THE PUMP STATIONS

HAWASA utilizes two (2) pump stations throughout the sanitary sewer system. The pump stations are maintained and inspected by the operators on a regular basis. Cleaning, repairs, and routine maintenance items are performed as needed.

BOYER STREET PUMPING STATION - Location: Boyer Street, Halifax Township

Design Capacity: 50 gpm (1 pump basis)

Average flow: 4100 gpd (estimated from pump hours and design point)

Maximum: 50 gpm (Peak Hourly Flow estimated

The Boyer Street Pumping Station was upgraded to submersible pumps at the end of 2014 and began operation in 2015. Attached runtime records indicate total runtime for the station averages to approximately 5.78 hours per week, usually divided equally between the pumps.

There are no known future connections tributary to the Boyer Street Pumping Station in the next 2-year planning period. Therefore, a hydraulic overload condition is not expected to occur at the pump station in the next 2 years. Pump run hours for the Boyer Street Pumping Station are attached.

MAIN PUMPING STATION

The Main Pumping Station is composed of two (2) suction lift pumps within the pump station building at the Halifax WWTP. One (1) pump is dedicated as the duty pump, while the second pump is dedicated as a standby pump. The pumps have a design point of 300gpm. The pump station has an effective wet well volume of approximately 788 gallons, based on the design pump rate of 300 gpm and a minimum allowable cycle time of 10 minutes per pump. A 6-inch diameter ductile iron force main conveys all flow from the Main Pumping Station approximately 175 feet to the distribution box upstream of the proposed WWTP headworks.

Design Capacity: 300 gpm (1 pump basis)

Daily run time: 5.74 hours (both pumps combined)

The pump station has a design capacity of 300gpm (one pump) with a larger 6in force main. Attached are the pump run hours for the 2023 calendar year.

HALIFAX TOWNSHIP SANITARY SEWER EXTENSION PROJECT

The Halifax Township Sanitary Sewer Extension Project is currently under construction with an anticipated substantial completion date in November 2024. A Water Quality Management Permit for the extension was issued on November 2, 2020. The project includes the construction of three new pump stations. These stations are currently identified as the Lenker Estates Pump Station, the Creek Road Pump Station, and the Road Cap Lane Pump Station. All three pump stations are anticipated to be connected to the existing HAWSA system by in 2024. These flows will enter the

HAWASA WWTP through an influent gravity line into the headworks and won't be conveyed through the Main Pumping Station.

BOYER STREET PUMPING STATION PUMP RUN HOURS 2023





DATE	TIME	HOURS #1	HOURS RAN	HOURS #2	HOURS RAN	TOTAL
1-2-23	1040	5,098.3	1-2	1797.2	:7	1.9
1-4-03	1040	2099,8	1.5	1798.5	1.3	2.5
12-9-23	1010	P.0018	1-1	1794.3	.8	10
1-13-23	Loso	3200.6	1-7	1800-1	. 2.	2.5
1-16-33	ICON	2104.5	1.4	1800.9	-8.	2-2
12-27-02	1050	2100	2.0	19/12.01	1.1	3.1
1-23-23 1-37-23 1-30-23 23-3-03	1100	210719	24	1803,1	1.1	3.0
1-27-23	1020	2109.9	2-0	1804.6	1.5	3.5
1-30-23	1100	21116	1.7	1805 8	1.2	2.9
2-3-03	0840	2113.4	1.8	18073	1.5	5.3
2-6-23	1059	2149	1,5	1803.7	1-1	26
2-10-23	1055	2116.8	19	19,19,18	2.4	3.3
5-13-33	1240	2118	1.3	1810.9	1-1	3.4
12-21-23	0830	21314	3-4	1913 3	8.4	3.8
12-04-23	1030	2123.0	1.7	18 14.4	1.1	28
2-27-23	1190	3124-7	1.5	1 7975 3 1	0.9	3-4
2-27-63	1050	21266	1.9	1816.5	1-2	3.1
3-6-23	1051)	1129.8	2.2	18/8.0	1.7	3.9
13-10-23	1005	2131-1	2.3	178/9-1	1.5	3.9
3-13-23	1015	2130 8	1.7	1820.7	1.0	2.7
3-17-23	1015	01.34.7	19.	1822.2 1822.2 1823.2	15	327
3-20-23	1250	2136.	1.7	1833.2	10	2.4
13-24-23	1015	2138.	3.0	10.11.4	1.2	3-2
3-27-23	1046	8139.60	1.5	1825.5	2.1	26
3-21-23	1100	21416	2.0	1826.6	1.1	31
4-3-,23	1050	2143-4	1.60	1827.5	0.9	2.5
14-1-23	103.0	2145.1	19	1828.6	1-1	3-0
4-10-23	1130	3146.4	1.3	1827,4	3,8	3.1
4-14-23	(2957)	21480	1.10	1830.5	1.1	2.7
4-17-23	0945	2148.0	1:63	1827.4 1830.5 1831.3	×8	2.1

REPLACE # 2. PUMP - 11-27-23

REPAIR SEWER LAT. @ 107 MARKET ST.

DATE	TIME	HOURS #1	HOURS RAN	HOURS #2	HOURS RAN	TOTAL
4-21-23	1)950	12151.1	1.8	18521	, 0 , D	2.6
4-20-24	1040	2150 4	1.3	1822.9	-8	02-1
4-28-23 5-1-23	0930	2154.2	1.8	1835.3	10	3.8
5-1-23	1055	2156.60	24	18353	1-4	3.8
5.5-23	0930	allev. D	3.7	1836.6	1.3	50
5-5-23 5-8-23 5-4-23	1045	1 21617	14 3.9 3.3	1836.6 1837.6 1838.4 1838.7	1.0	3.0
5-12-23	1115	21105,10	3.9	1838-4	0.8	4.7
5-15-23	0906	2168.7	3.3	18.28.7	0.8	3-6
K-16-23				Lovertopical		
5-19-23	1005	2176.8	5.0 29	1838.8	:]	5.1
5-99-23	1005	2176.8	2.9	OFF	0	5./ 2.9
5-20-23	1100	2180. R	7) (3-6	(3)	17 1
5-29-23	1020		od कि	OFF	0	2.3
6-2-23	1040	2195.4	3-5	OFF	0	3.5
5-29-23 6-2-23 6-5-23 6-12-23 6-16-23 6-18-33	1040	2188.2	3.5 3.3 3.7 2.3 4.3 4.3	OFF OFF	-	3.7 3.5 2.3 5.0 3.7 2.3
10-9-23	1040	2194	5.0	1 500	8	3.0
6-12-23	0900	2194	<u> </u>	OFF	45	2.8
6-16-13	7055	31977	3.7	off	0	3.7
6-19-23	1050	2199.9	2.2	OFF	8	2.2
6.33.23	1050	0201.00	4.3	OFF		4.5
1 10 - 10- 1 7	11/2	22073	> 1	OFF	0	3.1
6-30-33	1725	3210.0	2.7	DET		2.7
6-30-33 7-3-23 7-7-33	1045	22123	3.3 3.8 2.2 2.3	OFF	0	2.3
7-7-23	1045	2216	3.8	OFF	8	3.8
7-10-23	1040	2218.3	2.2	OFF	0	22
714.23	1125		2,3	BEE	0	2.3
7-17-23	0900	2320,6	1.6	OFF	Ø	2.3 3.3 2.3 2.3 2.3 1.6
7-21-23 7-24-23 7-26-23	1005	0224.9	2.7	OFF	0	2.7
7-24-23	1045	2272	2-3	OFF	Si	2.3
7-28-23	1005	20.6 20.25 20.5 22.27.2 22.30.5	3.7	OFF	E E	2.7 2.3 3.1
7-31-23	1040	2232.7	2.4	OFF	0	2-4

out the second s

AFZE

DATE	TIME	HOURS #1	HOURS RAN	HOURS #2	HOURS RAN	TOTAL
DATE	1030	32354	27	OFF	()	2.7
8-4-23	0930	2237.8	2.4	OFF	8	2.4
8-1-73	0/50	2240.9	21	OFF	0	3.1
8-11-23	1030	2343 3	2.4	OH	8	2.4
8-14-23		2247.4	4.1	OFF	0	4.1
8-01-03	1030	22495	3.1	OFF	A	2.1
8-01-03	1035		2.7	OFF	Ø	2.7
8-25-23		3350 6	A	OFF	8	e4
8-28-23	1050	22-55 8	3.2	01 12	0	32
9-1-23	1125	2258 0	3-3	OFF	0	2.0
7-4-23	1022	MARIE A	3.2	AFE	4	3.2
9-8-23	1030	2263.3	3/	OFF	-0	2./
7-11-33	1045	22-63.3	2.9	OFF	0) 0
9-15-23	1050	2269-6	1 1	TOPE	A	2.4
9-18-23	1040	2269-6	3.0	OFF	10	2,4
9-22-23	1015	2271.6	2.4	OFF	(4)	2.4
9-25-23	1040	1 2/26/		OFF	9	3-2
1-21-23 10-2-23	1040	22773	3.3	TOPE	10	2.3
10-2-33	1035		The second secon	OFF	10	3.0
10-10-23	1045	2282.5	3.0	OFF	+ 7	2.3
17-9-23	1045	2284.8	3.5	OFF	- Or	3-5
10-13-23	1115	3284.3	3.5	OFF	8	2,8
10-16-3		1 mai 1 -1	2.8	1 Orr		3.7
10-20-23	1055	10014.11	J- 1.	OFF	0	
10-23-30	1040	2297.4	2-6		-	26
10-27-23	1000	A308,2	4.6	OFF	+ 2	3.5
10-20-2	1100	3305 7	3.5	OFF		3.5
11-3-2	1020	2301.2	3.5	OFF	1 4	1 2 3
11-6-83	1030	2312.5	3.3	OFF	2	3.3
11-10-2	1115	2315.9	3.4	OFF	R	2.4
11-13-2	3 1040	23/8.3	2.4	OFF	0	1 ×-T

DATE	TIME	HOURS #1	HOURS RAN	HOURS #2	HOURS RAN	TOTAL
11-17-03	1100	2321-5	3,2	eff	0	3.0
11-20-23	1030	2323.10	.2-1	OFF	0	3.1
11-24-23	09 15	2328		OFF	. 8	3.4
17-27-27	0930	23314	4-4	OFF	0	3.4
11 07 00	REDIA	+ 40	DUMP	1838.7		
12-1-23	1050	23331	1.7	1837.9	1.2	2.9
12-4-23	1035	3346	1.5	1940.5	16	3.1
1000	1000			DUMP	PIT	
12-3-32	1250	1 0001111	1.8	1841.4	0.9	2.7
12-11-23	1000	2337.8	14	1842.2	7-8	5.2
10 110	1015		1-8	1843-2	1.0	2.8
12-15-33	110	2339 6	12	1844.5	1_3	3.1
19-83-83		234316	22	1846.1	1.60	3.8
12-25-83	1000 0950	4345.4	1.9	1947.	1.5	3.7
17-72-97		2345.4		1/8/18.1	1.5	3-7
12-89-23	1035	ex 341-4	1 0.0			
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MAIN PUMPING STATION PUMP RUN HOURS 2023





DAY OF WEEK DATE INFLU #	-	MBER			YEAR	CONTRACTOR OF THE PARTY OF	A STREET, SQUARE, SQUA	FIAN 200
DATE	MON			1				-
DATE		TUES	MED .	HURS	FRE		AT	SUN
INFLU#	26	27	28	29	30	_	51	16127
1	4170	4503 1	4644 1	4773	1488		010	15137
FLOW	710	133	141	129	114		23	127
EFFLU #	7/6/240/0	6796	117639 /	18584	13788	CONTRACTOR OF THE PARTY OF THE		158060
FLOW	9920 1	0 550 1	0843	10,945	9247	10	1672	9,507
RAIN	A I	b	a	0	1 of			4180
TEMP	170	26°	250	190	37		od.	10
			EFFLI	JENT				
		70 6	75	7.4	17.	+ -	7.4	7.4
PH	749	7.5	63	6.3	10.3		23	63
DO	631	4.3	WER PU		and the second s			
		LO	WALLE ! O.			- T	1 0	21
DEPTH	1.8	2.0	20	2.4		3	2271	330.5
#1 HRS	311-2	314.5	318.3	331.	-	7	32/,1	3.4
HRS RAN	3.0	1.3	3 8	13.3		1	3 35	
#2 HRS	2401	301.3	304.8	307	2	7	3.0	3.0
HRS RAN	2.8	213	3 5	31	1	1_1		
wind a second of income of the income of		U	PPER PU	MP ST	ATION		11 March 187	-
DEPTH	0 1	1 20	12-3	2.0	2	0	0.6	2.1
	2,1	170.7	1			5.5	177.0	
#1 HRS HRS RAN	169.0	170.7	1/17	1/		5	1.5	1.6
#2 HRS	1.3		73.1	174	67 17	6.1	177	6 1793
HRS RAN	The state of the s	1 6	1 9		6 1	4	11.5	1.7
LIND WHILE	4.4	1-1-	U	V LIGHT	ľ		JAN	\mathcal{L}
		.,				OFF	OFF	
#1 HRS	OFF	OFF	OF	91	CF	01		
#1 INTEN				4	103 3	5210	324	1 3266
#2 HRS	3 2	4	1 316	A CONTRACTOR OF THE PARTY OF TH		1	1 7	1 6
#2 INTEN	0.4		1.6		Top many all solds of the party	1088325	1	A referred to the second property of the seco
-		6+351	3				1	

					V	EAR 2	023		
	HTMON.	Jan	AND DESCRIPTION OF THE PARTY OF THE PARTY OF		10248	10368			
D	AY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN	
>	DATE	2	3	4	5	le	1= 937	16062	
	INFLU #	15239	15374 1	15513	15652	15794	15 937	The state of the s	
	FLOW (no thousand	102	135	139	149	142	143	2292	
	EFFLU #	1664709	M4200 1	847 19151	1988 W3VB	2094	2201	91	
	FLOW	8541G 78	DC801125	125	121	106.	107	0	
	RAIN	0	.10	.80	.10	.20	O	34"	
	TEMP	420	450	440	390	390	410) //	
	10-00			EFF	LUENT				
	2011	7 -	7.4	75	7.5	74	7.4	7,5	
	PH	7.5		6.2	6.3	ψ·/	4.3	6.0	
	50	6-1	6.2		JMP STAT	TION			
			Von Cal				0.1	2.3	
	DEPTH	2.3	2.0	2.3	3.5	2.9	7.6	353.8	
1	#1 HRS	333 4	336.1	340.7	Carlot Mineral Control		3210	2.8	
	HRS RAN	2.9	2.7	4.6	40		35.5		
	#2 HRS	318.7	321.5	325.			3.9	The second second	
	HRS RAN	2.2	2.8	4.2					
			U	PPER P	UMP STA	TION			
	records.	2.0	2.9	2.	1 21	21	2.0	2.1	
	DEPTH		181.3	183	7 - 7 - 1 - 1 - 1	2 187.0	188 8	190.3	
	#1 HRS	179.9	1.4	2 1		EU EU HE HE	1.8	1.5	
	HRS RAN		181.9	and the second second second	The same of the sa	**	1184.		
	#2 HRS	1805	101	2	1 18	C		1.5	
	HRS RAP	1.2	1.9	1 200 1 44 1 3	IV LIGHT				
							43	66	
	#1 HR5	OFF	OFF	OF	F OF	and provided output the	2.8	managed to the latest the second	
	#1 INTE	N	_		00	2.1		The state of the state of	
	H2 HRS	3288	3318	3 33	36 33	60 OF			_
	#2 11VTE				9	9 80			
					Su	tch			
					() V			
					(i) ht			
			147 41	3	6	30 pm			
			1.00	-				The second secon	-

DAY OF WEEK MON TUES WED THURS FRI SAT SUN DATE 9 10 (1 /2 /3 /4 /5) INFLU # 1/201 16334 14453 14575 147(9 1665 1498 1610 139 139 139 129 123 144 133 130 EFFLU # 2408 3.515 2609 2702 2793 2892 2780 107 FLOW 136 107 94 93 91 04 88 RAIN 0 & 0 .20 .40 .40 0 0 TEMP 31 30 250 31 450 31 33 120 EFFLUENT PH 7.5 7.4 7.4 7.5 7.5 7.5 7.5 7.5 DO 6.2 6.2 6.1 6.3 6.2 6.3 6.3 LOWER PUMP STATION DEPTH 1.9 2.3 /4 2.8 2.8 3.1 3.2 #1 HRS 3572 360.3 362.9 365.6 361.2 372.0 374.7 #2 HRS 741.1 344.0 346.7 349.2 352.5 355.3 377.9 #2 HRS 741.1 344.0 346.7 349.2 352.5 355.3 377.9 #2 HRS RAIN 29 2.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 8.7 2.2 2.9 2.1 2.2 2.7 2.2 #1 HRS RAIN 1.7 1.7 1.4 1.5 1.7 1.7 1.5 #2 HRS RAIN 1.9 1.9 1.7 1.9 1.5 1.7 1.7 1.5 #2 HRS RAIN 1.9 1.9 1.9 1.5 1.7 1.7 1.5 #2 HRS RAIN 1.9 1.9 1.9 1.5 1.7 1.7 1.5 #2 HRS RAIN 1.9 1.9 1.9 1.5 1.6 #2 HRS RAIN 1.9 1.9 1.5 1.9 1.5 1.6 #4 HRS RAIN 1.9 1.9 5.0 1.8 1.9 5.1 6.0 #4 HRS RAIN 1.9 1.9 5.0 1.8 1.9 5.1 6.0 #4 HRS RAIN 1.9 1.9 5.0 1.8 1.9 5.1 6.0 #4 HRS 89 113 137 161 185 210 234 #4 HRS 89 113 137 161 185 210 234 #4 HRS 89 113 137 161 185 210 234 #4 HRS 89 113 137 161 185 210 234 #4 HRS 89 113 137 161 185 210 234 #4 HRS 89 113 137 161 185 210 234 #4 HRS 89 113 137 161 185 210 234 #4 HRS 89 113 137 161 185 210 234 #4 HRS 89 113 137 161 185 210 234 #4 HRS 89 18 18 18 18 18 18 18 18 18 18 18 18 18	150	MONTH	Ta	iA		1	YEAR_2	023	and the same of th	
DATE 9 10 (1 12 13 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	100	AICHAILE.	10649	10739		10897	11001		er (N)	
### 1920 10334 16453 16575 16719 1685 1648 1698 160W 139 153 139 122 144 133 130 157 167 168 168 1698 160W 116 107 94 93 91 94 88 160 107 160 160 160 160 160 160 160 160 160 160	D	AY OF WEEK		TUES	WED	THURS	FRI	The state of the s	W	
FLOW 139 133 139 123 144 133 130 EFFLUM 2408 3515 2609 2702 2793 2892 2960 107 FLOW 116 107 94 93 91 94 88 RAIN 0 8 0 .201 40 0 0 TEMP 31° 30° 25° 31° 45° 31° 33° EFFLUENT PH 7.5 7.4 7.4 7.5 7.5 7.5 7.5 DO 6.2 6.2 6.1 6.3 6.2 6.3 6.3 6.3 LOWER PUMP STATION DEPTH 1.9 9.3 1.6 28 28 3,1 3.2 #1 HRS 357.2 360.3 362.9 365.6 369.2 372.0 374.7 HRS RAN 3.4 3.1 2.6 2.7 3.6 2.9 372.0 374.7 HRS RAN 2.9 2.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2.2 2.7 2.2 #2 HRS 192.0 193.1 196.6 198.3 2000 201.5 HRS RAN 1.9 1.7 1.4 1.5 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 197.2 199.1 200 6 202.3 HRS RAN 1.8 1.9 1.9 1.9 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 1/3 137 161 185 210 234 #1 HRS 89 1/3 137 161 185 210 234 #1 HRS 89 1/3 137 161 185 210 234 #1 HRS 89 1/3 137 161 185 210 234 #1 HRS 89 1/3 137 161 185 210 234 #1 HRS 89 1/3 137 161 185 210 234 #1 HRS 89 1/3 137 161 185 210 234 #1 HRS 89 0FF 0FF 0FF 0FF 0FF 0FF 0FF 0FF		DATE	9	10	11	12	13.	and the same of the same of the same of	and the second second	
FLOW 139 133 129 122 144 133 130 EFFLUM 2408 2515 2609 2702 2793 2812 2760 107 FLOW 116 107 94 93 91 94 88 RAIN 0 & 0 .201 .40 0 0 TEMP 31° 30° 25° 37° 45° 31° 33° EFFLUENT PH 7.5 7.4 7.4 7.5 7.5 7.5 7.5 DO 6.2 6.2 6.1 6.3 6.2 6.3 6.3 6.3 LOWER PUMP STATION DEPTH 1.9 2.3 1.6 2.8 2.8 3.1 3.2 #1 HRS 3572 360.3 362.9 365.6 369.2 372.0 374.7 #2 HRS RAN 24 2.6 2.7 3.6 2.8 2.7 #2 HRS RAN 24 2.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 3.7 2.2 2.9 2.1 2.2 2.7 2.2 #1 HRS RAN 1.7 1.7 1.7 1.5 #1 HRS 192.0 193.7 195.1 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 197.2 199.1 200 6 202.3 HRS RAN 1.8 1.9 1.9 1.9 1.5 1.6 UV LIGHT #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234 #1 HRS 89 1/3 1/37 1/61 1/85 210 234		INFLU#	110201	16334	16453	16575	16719	CONTRACTOR OF THE PARTY OF THE		
FFILM 2408 0.515 2609 2702 2793 2892 2780 207 FLOW 136 107 94 93 91 94 88 RAIN 0 8 0 .20 30 40 0 0 TEMP 31° 30° 25° 37° 45° 31° 33° EFFLUENT PH 7.5 7.4 7.4 7.5 7.5 7.5 7.5 DO 6.2 6.2 6.1 6.1 6.3 6.2 6.3 6.3 LOWER PUMP STATION DEPTH 1.9 2.3 1.6 2.8 2.8 3.1 3.2 #1 HRS 357.2 360.3 362.9 365.6 369.2 372.0 374.7 #2 HRS RAN 24: 3.1 2.6 2.7 3.6 2.8 2.7 #2 HRS RAN 29 2.1 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2.2 2.7 2.2 #1 HRS RAN 1.7 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 196.6 198.3 200 0 201.5 HRS RAN 1.9 1.7 1.9 1.5 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 197.2 199.1 200 6 202.2 HRS RAN 1.8 1.9 1.9 1.5 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 197.2 199.1 200 6 202.2 HRS RAN 1.8 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS 89 113 137 161 185 310 234 #3 INVEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #4 HRS 89 113 137 161 185 310 234 #4 HRS 0FF 0FF 0FF 0FF 0FF 0FF 0FF				133	129	122	144	manuscript to the second		100
FLOW 136 107 94 93 91 44 88 RAIN 0 8 0 .401 .40 0 0 TEMP 31° 30° 25° 37° 45° 31° 33° EFFLUENT PH 7.5 7.4 7.4 7.5 7.5 7.5 7.5 DO 6.2 6.2 6.1 6.3 6.2 6.3 6.3 LOWER PUMP STATION DEPTH 1.9 2.3 1.6 2.8 2.8 3.1 3.2 #1 HRS 3572 360.3 362.9 365.6 369.2 372.0 374.7 #2 HRS RAN 3.4 3.4 3.4 3.4 3.4 3.7 3.6 2.8 2.7 #2 HRS TAIL 344.0 346.7 349.2 352.5 355.3 357.9 HRS RAN 2.9 8.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2.2 2.7 2.2 #1 HRS 192.0 193.1 195.1 196.6 198.3 200 0 201.5 HRS RAN 1.7 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 (27.2 199.1 200 6 202.2 HRS RAN 1.8 1.6 1.4 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 113 137 161 185 310 234 #1 HRS 89 113 137 161 185 310 234 #1 HRS 89 113 137 161 185 310 234 #1 HRS 89 113 137 161 185 310 234 #1 HRS 89 113 137 161 185 310 234 #1 HRS 89 113 137 161 185 310 234 #1 HRS 89 113 137 161 185 310 234		EFFLU #		2515	2609	2702	2793	and a second		101
TEMP 31° 30° 25° 37° 45° 31° 33° EFFLUENT PH 7.5 7.4 7.4 7.5 7.5 7.5 7.5 DO 6.2 6.2 6.1 6.3 6.2 6.3 6.3 LOWER PUMP STATION DEPTH 1.9 2.3 1.6 2.8 2.8 3.1 3.2 #1 HRS 357.2 360.3 362.9 365.6 369.2 372.0 374.7 HRS RAN 3.4 3.1 2.6 3.7 3.6 2.5 2.7 #2 HRS 341.1 344.0 346.7 349.2 352.5 755.3 357.9 HRS RAN 2.9 2.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 8.7 2.2 2.9 3.1 2.2 2.7 2.2 #1 HRS 192.0 193.7 195.1 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 (27.2 199.1 200 6 202.3 HRS RAN 1.8 1.6 1.4 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 1/3 137 161 185 210 234 #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS 89 1/3 137 161 185 210 234 #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0			production and the Proof	107		93	91	44	88	
## 1 PH			0	X	0	.20	540 1		0	
## 7.5 7.4 7.4 7.5 7.5 7.5 7.5 ## 7.5 7.4 7.4 7.5 7.5 7.5 7.5 ## 1.9 2.3 1.6 2.8 2.8 3.1 3.2 ## 1 HRS 3572 360.3 362.9 365.6 369.2 372.0 374.7 ## 1 HRS 341.1 344.0 346.7 349.2 352.5 365.3 377.9 ## 1 HRS 192.0 1937 196.1 196.6 198.3 200.0 201.5 ## 1 HRS 192.0 1937 196.1 196.6 198.3 200.0 201.5 ## 1 HRS 192.7 194.3 195.7 127 1.7 1.7 1.5 ## 1 HRS 192.7 194.3 195.7 127.1 199.1 200.6 202.3 ## 1 HRS 89 113 137 161 185 210 234 ## 1 HRS 89 113 137 161 185 210 234 ## 1 HRS 89 113 137 161 185 210 234 ## 1 HRS 89 113 137 161 185 210 234 ## 1 HRS 89 113 137 161 185 210 234 ## 1 HRS 89 113 137 161 185 210 234 ## 1 HRS 89 113 137 161 185 210 234 ## 1 HRS 89 113 137 161 185 210 234 ## 1 HRS 89 0 PF 0 PF 0 PF 0 PF 0 PF 0 PF				300	250	The second second	450	31°	33°	
DEPTH 1.9 2.3 1.6 2.8 2.8 3.1 3.2 HI HRS 357.2 360.3 362.9 365.6 369.2 372.0 374.7 HRS RAN 3.4 3.1 3.4 2.6 2.7 3.6 2.5 355.3 357.9 HRS RAN 2.9 2.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2.2 2.7 2.2 UPPER PUMP STATION DEPTH 3.7 2.2 2.9 2.1 2.2 2.7 2.2 UPPER PUMP STATION DEPTH 3.7 1.7 1.9 1.7 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.6 UV LIGHT #1 HRS 89 113 137 161 185 210 234 HI HRS 89 113 137 161 185 1.9 5.0 1.8 1.9 5.1 6.0 HI HI HRS 8PP OFF OFF OFF OFF OFF OFF OFF		1 101011	31				20-2			
DO 6.2 6.2 6.1 6.3 6.2 6.3 6.3 LOWER PUMP STATION DEPTH 1.9 2.3 1.6 2.8 2.8 3.1 3.2 #1 HRS 3572 360.3 362.9 365.6 369.2 372.0 374.7 HRS RAN 3.4 3.1 2.6 2.7 3.6 2.8 2.7 #2 HRS 341.1 344.0 346.7 349.2 352.5 355.3 357.9 HRS RAN 29 2.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2-2 2.7 2.2 #1 HRS 192.0 193.7 195.7 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.7 1.5 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 197.2 199.1 200.6 262.3 HRS RAN 1.8 1.9 1.9 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 1/3 137 161 185 210 234 #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS 0PP OFF OFF OFF OFF OFF OFF		nu	7-	71	74	7.5	7.5	7.5	7.5	
LOWER PUMP STATION			THE RESERVE OF THE PERSON NAMED IN	and the same of th	and the latest territory and the second		and the second s	6.3	6.3	
DEPTH 1.9 2.3 1.6 2.8 2.8 3.1 3.2 #1 HRS 357.2 360.3 362.9 365.6 369.2 373.0 374.7 #1 HRS 357.2 360.3 362.9 365.6 369.2 373.0 374.7 #2 HRS 344.0 346.7 349.2 352.5 355.3 357.9 HRS RAN 2.9 2.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2.2 2.7 2.2 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2.2 2.7 2.2 4.6 UPPER PUMP STATION H1 HRS 192.0 193.7 195.1 196.6 198.3 200.0 201.5 1.7 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.5 1.9 1.5 1.6 UV LIGHT H1 HRS 192.7 194.3 195.7 (27.2 199.1 200 6 202.3 1.6 UV LIGHT H1 HRS 89 1/3 1/37 1/61 1/85 2/10 2/34 1/9 1/9 1/9 1/9 1/9 1/9 1/9 1/9 1/9 1/9		UU	6.0	6-7	Car Santa Company of the Company of		with the residence of the	la se el la secona		
#1 HRS 357 2 360.3 362.9 365.6 369.2 372.0 374.7 HRS RAN 3.4 3.1 2.6 2.7 3.6 2.8 2.7 #2 HRS 541.1 344.0 346.7 349.2 352.5 355.3 357.9 HRS RAN 2.9 2.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2.2 2.7 2.2 #1 HRS 192.0 193.7 195.1 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 (27.2 199.1 200.6 202.3 HRS RAN 1.8 1.9 1.9 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 1/3 137 161 185 210 234 #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS 0PF OFF OFF OFF OFF OFF				E. O.	AARTH E 421	All mass			2.1	
#1 HRS 357-2 360.3 362.9 365.6 369.2 373.0 374.7 HRS RAN 3.4 3.1 2.6 2.7 3.6 2.8 2.7 #2 HRS 341.1 344.0 346.7 349.2 352.5 355.3 357.9 HRS RAN 29 0.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2-2 2.7 2.2 #1 HRS 192.0 193.7 195.1 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.4 1.5 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 (27.2 199.1 200.6 202.3 HRS RAN 1.8 1.9 1.4 1.5 1.9 1.5 1.6 UV LIGHT #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS 0.F.C OFF 0.F.C O.F.C O.F.C O.F.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.		DEPTH	1.9	2.3	1.6	2.8	2.8		PART LINES LINES CO.	
## ## ## ## ## ## ## ## ## ## ## ## ##		#1 HRS			362.9	365.6	, 369.2	to dear our annual formation and		
#2 HRS 341.1 344.0 346.7 349.2 352.5 355.3 337.9 HRS RAN 29 2.9 2.7 2.5 3.3 2.8 2.6 UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2.2 2.7 2.2 #1 HRS 192.0 193.1 195.1 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.5 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 (27.2 199.1 200.6 202.3 HRS RAN 1.8 1.6 1.4 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 113 137 161 185 210 234 #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS 0FF OFF OFF OFF OFF OFF			Control of the Contro			2.7	3.6	3.8		
UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2-2 2.7 2.2 #1 HRS 192.0 193.7 195.1 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.4 1.5 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 197.2 199.1 200.6 202.3 HRS RAN 1.8 L.6 1.4 1.5 1.9 1.5 1.6 UV LIGHT #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS 0PP OPP OPP OPP OPP OPP OPP				3441	THE PARTY NAMED IN	349.3	352.5	the same of the sa	and the same of the same of	
UPPER PUMP STATION DEPTH 2.7 2.2 2.9 2.1 2-2 2.7 2.2 #1 HRS 192.0 193.7 195.1 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 197.2 199.1 200.6 202.2 HRS RAN 1.8 1.6 1.4 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 113 137 161 185 210 234 #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS OPE OFF OFF OFF OFF OFF			- 1 (V viii) (42)	00	2.7	2.5	3.3	2.8	2,6	
#1 HRS 192.0 193.7 195.1 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 (97.2 199.1 200 6 202.3 HRS HAN 1.8 1.6 1.4 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 113 137 161 185 210 234 #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS OPE OPF OFF OFF OFF OPF OPF		A The Book Love	21		JPPER PU	MP STA	TION			
#1 HRS 192.0 193.7 195.1 196.6 198.3 200.0 201.5 HRS RAN 1.7 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 (97.2 199.1 200 6 202.3 HRS HAN 1.8 1.6 1.4 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 113 137 161 185 210 234 #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS OPE OPF OFF OFF OFF OPF OPF			00	0.0	20	2 1	2.2	2.7	2,2	
HRS RAN 1.7 1.7 1.5 1.7 1.7 1.5 #2 HRS 192.7 194.3 195.7 (97.2 199.1 200 6 202.3 HRS RAN 1.8						ACTION D. P.	.02	0.600	aout	5
HRS RAN 1. 192.7 194.3 1957 (97.2 199.1 200 6 202.3 HRS RAN 1.8 L.6 1.4 1.5 1.9 1.5 1.6 UV LIGHT HI HRS 89 113 137 161 185 210 234 6.0 HI INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 HZ HRS OPP OFF OFF OFF OFF OFF OFF			192.0		and the second second			AN AN INCOME A PROPERTY OF		
#2 HRS 192.7 194.5 1757 (475 1.9 1.5 1.6 HRS RAN 1.8 L.6 1.4 1.5 1.9 1.5 1.6 UV LIGHT #1 HRS 89 113 137 161 185 210 234 6.0 H2 HRS OFF OFF OFF OFF OFF OFF OFF OFF OFF OF		the same of the sa	<u> </u>	and the second second second			The second second second	and the second second	e continue and a second	
HI HRS 89 113 137 161 185 210 234 HI INTEN 3-5 1.9 5-0 1.8 1.9 5.1 6.0 HZ HRS OFF OFF OFF OFF OFF OFF			1927		1	The second second	The state of the s	AND THE PERSON NAMED IN		
#1 HRS 89 213 137 161 185 210 234 #1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS OFF OFF OFF OFF OFF OFF		HRS RAN	1.8	1-4	and the same of the same			· · · · · · · · · · · · · · · · · · ·		reference.
#1 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS OFF OFF OFF OFF OFF OFF						LIGHT				
#2 INTEN 3.5 1.9 5.0 1.8 1.9 5.1 6.0 #2 HRS OFF OFF OFF OFF OFF OFF		#1 HRS	89	113	137	16	1 185	310	234	
#2 INTEN OFF OFF OFF OFF OFF OFF			and the latest latest the	a sharing takes			1.9			
#2 INTEN				-00		17.50		OF	C#	
		the state of the state of							1 9	
		Rec Annual	advesses	100	0					

	MONTH	JAN	7		,	VEAR 20	123	etide soor
HER _	EASCOLATES.	11343	11346	11428	11512	11626	SAT	§UN
eter	DAY OF WEEK	MON	TUES	WED	THURS	FRI do	21	22
eff Ltil	DATE	ile	17	18	19			17918
16982	INFLU #	17103	17247	17367	17486	17639	17764	154
	FLOW	121	144	120	119	153	125	A STATE OF THE PARTY OF THE PAR
2950	EFFLU #	3071	3164	3241	3336	3449	3549	3656
0 10	FLOW	91	93	97	75	113		107
	RAIN	0	0	(10)	10	.leO	0	0
	TEMP	190	39°	430	370	410	35°	36°
	7.8000	and a second		EFF	LUENT			
			an esser reserv		4 8 3 700	74	75	7.5
	PH	7.5	7.4	7.5	7.5	7.4		6.2
	00	6.2	6.2	101	6-1	اریا	6.2	U. T.
			LC	DWER P	UMP STA	TION		
				2 ~	2 9	2.1	2.7	2.6
	DEPTH	2.1	3.2	2.0	2.9		2010	CANADA CANADA AND AND AND AND AND AND AND AND AN
374	7 #1 HRS	377.3	380.1	382.0	The second second	American	2.7	4.0
	HRS RAN	2.6	2.8	2 .	the state of the s			378.7
357.	#2 HRS	360.4	364.0	3 lele.			26	3 3
	HRS RAN	2.5	3.6	2.		The second secon	, X. Q	
				UPPER P	UMP STA	ATION		
		-		2 1	2-0	2.2	2.9	2.1
	DEPTH	2.1	2.0	A SECURITY OF THE PARTY OF THE				213.1
201.	5 #1 HRS	202.9			2 207			- I - I - I - I - I - I - I - I - I - I
	HRS RAN	The same of the sa		1.	5 1 5			
J 03	.a #2 HRS	203.7				4 20		A CALLED THE PARTY OF THE PARTY
	HRS RAN	15	1.	The second second second			- Circle	
				1	JV LIGHT			
	KI CLUBS			1 11	5 2	29 35	3 37	7 402
	#1 HRS	and the latest and th		The state of the s	And the second section of the second	6 7.3	A TOTAL COMMENSAGE AND A PROPERTY OF THE PARTY OF THE PAR	16.0
	#1 INTE	5.3			manufacture of the second		ALC: 4311111 - 7	
	#2 HRS	OFF	OF	F 09	FF OF	F OF	0.	and the state of the second
	#2 INTE	N						- di versias u

VIONTH	TAN	1			YEAR_	2023	and the same of th
AICHAIL.	11913	14037		12249	12360	SAT	SUN
DAY OF WEEK	MON	TUES	WED	THURS	FRI	28	. 29
DATE	23	24	25	26	27	The supplemental to the same of the same of	18946
INFLU#	18048	18211	18349	18502	18658		150
FLOW	130	143	138	153	156	11000	4428
EFFLU #	3753	3860	3993	4107	422	red comment of the co	940
FLOW	97	107	133	114	114.		E STATE OF THE
RAIN	140	.10	0	.601	10	0	0
TEMP	320	32°	32"	36°	310	36	40°
	RANJSON			UENT			
		7~	-7 5	7.6	7.	7.5	75
PH	7.6	7.5	7.5	6.3	6.		63
DO	63	6.3	6.3 OWER PU	and the same of the same of			
		2.6	JWERPU	WIF DIM	THEFT		The state of the s
DEPTH	3.0	1.8	2.3	2.4	2.	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	2.5
#1 HRS	399.4	403.1	706.3	409.	9 413	8 4169	
HRS RAN	3.2	3.7	3.7	3.6	3	9 3,1	3.5
#Z HRS	381.7	385.8	384.0	392	7 39	6.1 39.	
HRS RAN	30	4.1	3.1	3 /	7 3	.4 3.4	3,2
1110 (0110	, , ,		UPPER PL	JMP STA	ATION	****	
		***	DE E MEE E .			The same of the same	2.1
DEPTH	2.1	30	2.7	2.4	F 1	and the same of th	- A
#1 HRS	214.7	216.8	218-6	, 220		24 234.	1.9
HRS RAN	16	2.1	1.8				- A Company of the Co
#2 HRS	215.4	217.9	5 219.2				and the second second
HRS RAN	ال ا	2.1	1 7		9 2	0 1	/ IsT
	100	Ant Ving		V LIGHT			
			11-	2 .11	מר מ	521 544	570
#1 HRS	425	and the second second	6 /		and the second second second second	7.0 29	12.7
#1 INTEN						FF OF	The second second
#2 HRS	OF	FOFF	= OF1	= 0	FF (E IN SHAPE OF SE
#2 INTER		- The state of the				3	

MONTH	MAT HTMON				YEAR	2023	mater faith
MANCHERY	12459	12783		477	en.	SAT	SUN
DAY OF WEEK	MON	TUES	WED	THURS	FRI		2010
DATE	30	31			and the same of the same	1	
INFLU#	19089	19254		,			- 1
FLOW	143	145				or sala	X
EFFLU #	4546	4664			The second second	and respond to the second	
FLOW	118	118				and the second second	
RAIN	0	110			1.	Ac. 11870 - *F	
TEMP	350	+30			3	and the second	ake were mild
			EF	FLUENT			
PH	7.6	7.6		1			-
	6.1	6.3	J		*		
2 -12-12-1		L	OWER P	UMP STA	TION		
	Colonia Colonia			and the second second	1 -100 -100		
DEPTH	2.9	1.7					
#1. HRS	423.9		-	1,			
HRS RAN	35	4.31	and the second second second				
#2 HRS	405.7	409.6				4 Vijenst Kris Ser	and the same as her control to
HRS RAN	34	3.9			n one on the		
and a second			JPPER I	PUMP ST	ATION	A WOOD TO STATE OF	grantes and the
DEPTH	2.0	3.0			1	1	2
#1 HRS	227 8	229 9			1		
HRS RAN	18	21					
#2 HRS	238.5	5 230-6	0				-
HRS RAN	1.8						
	O SHE THE			UV LIGHT			
#1 HRS	593	(e)	7	1	a second division	and the second second second second second	and the second second second second second
#1 INTEN							
#2 HRS	051		- NO.	-community			and Automotive and Automotive and
#2 INTER							

MONTH	Feb
MONTH	

YEAR 2023

		12860	12453			01101
MON	TUES	WED	THURS	FRI	SAT	SUN
			2	3	4	5
	19254	19366	19496	19611	19726	19857
		112	130	115	114	131
	4664	4750	4850	4926	5030	5112
		96	100	76	104	82
	-	0	0	0	Ò	0
		270	170	230	12*	34°
	MON	MON TUES 19254 4664	MON TUES WED 1 19254 19366 112 4664 4750 96	MON TUES WED THURS 1 2 19254 19366 19496 112 130 4664 4750 4850 9 6 100 0 0	MON TUES WED THURS FRI 1 2 3 19254 19300 19496 1961 1961 112 130 115 4664 4750 4850 4926 96 100 76 0 0	1 2 3 4 19254 19366 19496 19611 19726 112 130 115 114 4664 4750 4850 4926 5030 96 100 76 104 0 0 0 0

EFFLUENT

	75	74	7.5	7.5	7.5
PH	1,3	100	1 7 3	(3	2
DO	6.1	6.2	6.3	6,4	6100

LOWER PUMP STATION

DEPTH		2.4	2.6	2.3	3.6	2.8
#1 HRS	4282	430.8	433.9	436.7	439.3	442.5
HRS RAN		2.6	3.1	2.6	2.6	3.2
#2 HRS	409.6	4121	415.1	417.8	4207	423.8
HRS RAN		2.5	3.0	2.7	2,1	30

UPPER PUMP STATION

DEPTH		Doi	22	2.1	3.0	2.9
#1 HRS	229.9	23113	232.9	234.4	235.9	237.6
HRS RAN		1.4	1.6	1.5	1,5	(,7
#2 HRS	230.6	232.0	233-6	235.1	236.6	238.3
HRS RAN		1.4	1.6	1.5	1,4	. /

UV LIGHT

#1 HRS	128	645	689	712	738
#1 INTEN	9.8	80	7.1	3.9	5.1
#2 HRS	OFF	OFF	OFF	OFF	OFF
#2 INTEN					

1111360 1122484 1133694

MONTH	Fel)			AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 1 AND THE PERSON NAM	2023	
MOIALL	13314	13408	73490	13549	13647	SAT	SUN
DAY OF WEEK	MON	TUES	WED	THURS	FRI		
DATE	6	7	8	9	10	00 1:5	12
INFLU #	19972	20091	20199	20307	20415	20515	130
FLOW	115	119	108	108	108	100	
EFFLU#	5210	5305	5388	5471	5552	5632	5724
FLOW	98	95	83	83	81	80	92
RAIN	0	0	0	0	0	0	0
TEMP	290	210	300	360	490	33°	365
TO THE PARTY AND		<u> </u>	EFF	LUENT			
PH	7.5	7.6	7.40	7.5	75	7.6	7.5
DO	6.3	61	6.2	103	6.1	6.2	6.2
			The second secon	IMP STA	TION		
DEPTH	1.7	2.0	12.4	1.8	2.3	2.5	3,31
#1 HRS	445.5	448.4	451	0 453:	1 456.3	458.7	462.1
HRS RAN	3.0	2.9	2-6		2.6	2.4	3.4
#2 HRS	42re.7	429.9	432-	10/0	437.9	440.3	443
HRS RAN	2.9	3.3	2.8	2.4	2.6	2.4	2.8
	9.1		PPER PL	JMP STA	TION		
DEPTH	22	2.2	2.0	2.1	2.3	2.4	3.1
#1 HRS	239.1	2406	342.1	243.4		246.1	217.9
HRS RAN	1.5	1.5	1 :5			1.3	1.7
#2 HRS	239.8	241.4	242.8		2 2456	246.	
HRS RAN	1.5	1.6	1.4			1, 3	1.6
IIIO	1113	1 1 1 4		V LIGHT			
#1 HRS	17.	785	808	833	857	880	404
MT LIVE	761	10>	000	0)			10.0

#1 HRS	7101	785	808	833	857	880	404
#1 INTEN	(b-1	7.4	67	7.9	85	7.5	10.0
#2 HRS	OFF	OFF	OFF	6CF	OFF	01	oft
#2 INTEN		-0-		_			

MONTH -	2	O

YEAR 2023

		11071	14142	14311	14288	14355
		WED	THURS	FRI	SAT	SUN
13	14	15	16	17	18	19
20776	20881	2098	21078	21170	21269	21370
1131	105	100	97	42	94	101
5815	5917	5996	6073	6147	6333	6295
191	102	78	78	74	76	72
10	0	8	8	8	0	0
230	300	430	42°	550	260	36
	13923 MON 13	13933 14000 MON TUES 13 14 20881 105 5815 5917 91 102 0 0	13 14000 14071 14000 14071 14000 14071 15000 15000 15000 131 105 10000 131 105 10000 15815 15917 15996 15917 15996 100000 100000 100000 100000 10000 10000 10000 100000 100000 100000 100000	13 14 15 14 15 16 2088 3098 31078	13 14 15 14 17 17 17 17 17 17 17	13 105 100 1407 14142 1721 125 14 15 14 17 18 17 18 18 17 18 18

EFFLUENT

DH	7-	76	75	75	7.5	7.5	7.5
	/ 3		1	10	1.2	6.2	10.2
DO	6.2	61)	0-1	6-12	6.4		3.2

LOWER PUMP STATION

DEPTH	10	110	15	3.2	2,8	1.9	5.3
#1 HRS	U105.7	4683	470.7	473.1	475,4	477.7	480,2
HRS RAN	3.6	2.6	2.4	2.4	2.3	5,3	2.5
#2 HRS	446.3	4489	451.2	453.5	455.7	458.1	4604
HRS RAN	3.2	2.6	2.3	9.3	3.3	2.4	2.

UPPER PUMP STATION

DEPTH	2 9	1 2 1	20	271	2,1	2.1	2.6
#1 HRS	249.5	250.8	257.1	253.3	254-5	255.5	257.0
HRS RAN	1.7	1-3	L-3	1.2	1,2	1.3	1.2
#2 HRS	2503	251.7	253.0	254.2	255,4	256.4	2579
HRS RAN	1.8	14	1.3	1.2	1,3	7,0	[1.3

UV LIGHT

#1 HRS	920	903	977	1001	1024	1048	1073
#1 INTEN	56	75	(0-)	4.2	5.0	4.4	4.3
#2 HRS	DEF	UFF	OFF	OFF	Off	Off	0#
#2 INTEN		_					

1398696 1302525 1306229 1309610 1313410 1317160 1332960



74.50

MONTH Feb

YEAR 2023

	14427	14507	14579	14681	14798	14865	14959
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	20	21	22	23	211	25	26
INFLU#	21466	21573	21670	21805	2947	22043	22169
FLOW	96	107	97	135	142	96	126
EFFLU #	6362	6439	6501	6574	6690	6764	6841
FLOW	67	70	69	73	116	74	77
RAIN	0	0.50	0.20	0,30 /	0	Ø	0
TEMP	430	42	430	38°	410	29	450

EFFLUENT

PH	7.6	7-4	7.3	7.2	7.2	7.3	7.3
DO	6.2	6.3	6-2	6-2	6-3	6.3	63

LOWER PUMP STATION

DEPTH	2.6	2.2	3.5	2.3	2.0	2,8	2,2 /
#1 HRS	462.6	485.3	487.8	491.4	495.9	498.3	5014
HRS RAN	2.4	2.7	2.5	3.6	4.5	2.3	2.2
#2 HRS	4/62.8	465.4	461.7	470.8	473.5	475, 5	478.6
HRS RAN	2.4	2.6	2.3	3	2-7	2.0	3.1

UPPER PUMP STATION

DEPTH	2.1	12-1	1.5	1.8 EST	2-1	2.3	2.3
#1 HRS	258.3	259.6	260.8	262.0	264.0	265.7	266.8
HRS RAN	1,3	1-3	1.2	1.8 Her.	2.0	1,2	116
#2 HRS	259.1	260.4	261.7	2631	265.0	266.3	267.8
HRS RAN	1,2	1.3	1-3	1.4	1.9	1,3	1-6

UV LIGHT

#1 HRS	1096	1121	1145	1169	1193	1216	1242
#1 INTEN	4.6	5.1	5.4	6.5	6.5	7.6	4.1
#2 HRS	Off	OFF	OFF	OFF	OFF	Off	OFF
#2 INTEN							
	1348180	1464392	1477/19		1505521	1523622	15473va

YEAR 2023 MONTH Feb 15064 15178 DAY OF WEEK MON TUES WED **THURS** FRI SAT SUN DATE 28 22169 INFLU # 22301 22444 132 **FLOW** 143 6915 **EFFLU#** 6841 7029 **FLOW** 114 RAIN 30 340 TEMP **EFFLUENT** 7.5 PH 6.3 DO 6.3 **LOWER PUMP STATION** 251 DEPTH 504.9 5014 #1 HRS 508.4 **HRS RAN** 3.51 3.5 **#2 HRS** 481.8 4855 478 0 **HRS RAN UPPER PUMP STATION** 2.8 DEPTH 2.0 270.2 #1 HRS 268.4 266 8 **HRS RAN** 1.6 1.8 #2 HRS 271.3 2673 2695 1.8 **HRS RAN UV LIGHT** 1289 #1 HRS 1264 5.3 **#1 INTEN** 7.9 GIF #2 HRS CFE

1565595 1579178

#2 INTEN

MONTH MARCH

YEAR 2023

		15343	15436	15577	15689
TUES	15290 WED	THURS	FRI	SAT	SUN
	1/	2	3	4	5
22444	22584	22682	22783	22755	23096
	1140	98	401	172	141
7029	7130	7218	7280	7403	7563
	101	88	62	122	101
	10	1,101	.0	.10	0
	1270	430	420	38"	430
		0/		27° 43° 42°	37° 43° 42° 38°

EFFLUENT

PH	7.5	7.60	7.5	7.4	7.5
	/.	1/)	(a)	167	i a
DO	6.1	6.7	9-1	6.4	1 2

LOWER PUMP STATION

DEPTH		3.2	2	3.1	1.8	9.1
#1 HRS	508.4	512.3	514.8	517.3	522.3	526.1
HRS RAN		3.9	2.5	2.5	5.0	3.8
#2 HRS	485.5	488.4	490.8	493.3	497.8	501.4
HRS RAN		3.9	2.4	2.5	4,5	3.6

UPPER PUMP STATION

DEPTH		3-5	2.2	2-3	2.4	2.2
#1 HRS	270.2	272.0	273.2	2745	276.7	278,5
HRS RAN		1.8	1.2	1.3	2.2	1.8
#2 HRS	271.3	373.1	274.3	275.6	277.8	274.6
HRS RAN		1.8	1.3	1.3	3.3	1.8

UV LIGHT

#1 HRS	1312	1337	1361	1385	1409
#1 INTEN	4.3	4.3	3.6	2.3	7.2
#2 HRS	constant, and	Name and Address of the Control of t		-	
#2 INTEN					

1576674 1614/38 1625116 1643148

MONTH MARCH

YEAR 2023

MONTH	MAK	-(11		8 . 7	LAN	11 526	16431
MOIALL	15814	15948	16045	16135 THURS	16254 FRI	16338 SAT	SUN
DAY OF WEEK	MON	TUES	WED	- 0		111	1/2
DATE	16	-7	8	9	10	22/22	24047
INFLU#	33251	23414	23541	236/33	73810	23423	
FLOW		163	1127	129	147	113	134
EFFLU #	155	7734	7851	7942	8054	8133	18313
	7401	138	1112	91	112	79	70
FLOW	9%	1		1	0	Ø	TO
RAIN	0	101	10	1	7110	340	750
TEMP	24°	440	340	<u> </u>	54	1 ,	
			FFI	FLUENT			

EFFLUENT

	17	75	175	7.6	7.60	7.6	1,4
PH	1,10	132	1,0	+	1/21	162	6,3
DO	1 1.3	6.1	6.2	16.1	101	1 000	

LOWER PUMP STATION

						75	3.3
DEPTH	32	2.5	3.7	3.1	1.60	2.3	550.0
#1 HRS	530.3	533.8	537.1	540.1	544.1	546.9	31
HRS RAN	4.3	3.5	3.3	30	4.0	2.8	5 25, 8
#2 HRS	505.4	510.2	5133	516.3	5,20-1	522.8	20
HRS RAN	u n	4.8	3.1	30	3.8	2.	3,0

UPPER PUMP STATION

				100		2.0	2.5
DEPTH	2.5	29	2.1	15-0	3.1		200 6
#1 HRS	280.4	2826	2842	385.7	2876	284.0	1
HRS RAN	1.9	2.2	1.6	115	11.9	290.1	291.7
#2 HRS	281.5	283-6	385-2	286.8	258.7	2 40.1	1.10
HRS RAN	19	2.1	11.6	1.6	11:7	1. 1	lanes.

UV LIGHT

#1 HRS	1423	1456					-
	1	135	4_				
#1 INTEN	600	3.3	0.0.00	2013	2027	3461	3454
#2 HRS			3389	5915	5731	(5	0.4
42 INTEN			31	2.6	13	0,3	
#2 INTEN			1668493	1676849	1493039	1704503	17,

1659895 dean UV #2,204

online

MONTH	MAR	CH			YE	AR	2023			
MONIH	16526	16648	16739	16837	10	1913	14786	17073		
DAY OF WEEK	MON	TUES	WED	THURS		FRI	SAT	SUN		
DATE	13	14	15	16	1	17	18	79		
INFLU#	24/67		24442	24573	12	1678	24777	24849		
FLOW	120	151	124	131		105	99	122		
EFFLU#	8300	8426	8508	8610	8	691	8759	8859		
FLOW	88	126	83	102		81	68	100		
RAIN	20	n	0	0		10	10/	0		
TEMP	360	32°	300	360		430	360	27°		
EFFLUENT										
	7.1	and par	T n c	17.4	T	7.6	7.4	7.5		
PH	7.6	7.5	7.5	6.3		6.7	6.2	6.1		
LOWER PUMP STATION										
DEPTH	1.7	2.8	34	2		19	1.9	2.8		
#1 HRS	553.9	557.1	560.	0 563	5	544.0	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS	571.5		
HRS RAN	3.3	3.8	2.5	1 3	5	2,5	2.5	3.6		
#2 HRS	528.8	5 37 4	535	8 538	4	541. L	543.5	546.4		
HRS RAN	30	4.1	2.	4 3,	9	205	2.4	A 1-1		
		· U	IPPER P	UMP ST	ATIC	N				
		T 2 1	12.0	2.	()	2.1	2.1	2.1		
DEPTH	2.1	\alpha.			1000	298.	7 291.7	301.4		
#1 HRS	292.1	294.1	295.4		7	1.4		1,5		
HRS RAN	1.5	2.0				299.4	transfer and the second	302.3		
#2 HRS	293.3				. 60	1.4	1,2	The second name of the second na		
HRS RAN	1.5	1.8	11.0			1 /				
			U	IV LIGHT						
#1 HRS	- Chapman		party. in	-		-				
					_					

1,0

.3

1749615 1779578

#1 INTEN

#2 HRS

#2 INTEN

MONTH	MAI	LCH			YEAR	2023				
	17152	17273	17346	17419	17501	17577	77654			
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN			
DATE	20	21	22	23	24	25	26			
INFLU#	25009	25/62	25264	25364	25470	25573	25673			
FLOW	110	153	102	100	106	103	100			
EFFLU #	8744	9064	9142	9216	9296	9377	9454			
FLOW	1 85	120	78	74	80	81	77			
RAIN	Tŏ	0	0	30	.50	. &	10			
TEMP	170	200	430	460	400	Hic	440			
3000		IV	EFFI	LUENT						
PH	76	7.5	7.5	17.4	7.5	7.5	7.6			
DO	6.2	6.2	6.1	163	6.3	6.3	10.3			
LOWER PUMP STATION										
DEPTH	1.5	2.0	1.6	12.9	2.0	5.0	3.1			
#1 HRS	574.2		580.8	583.2	586.0	588,6	541,4			
HRS RAN	T. C.	4.1	2.5	2.4	2.8	3.6	2.8			
#2 HRS	5490	552 2	555.5	- 558-6	560.7	563.3	565.6			
HRS RAN	A.W.	4.2	7.3	2.5	2.7	2.5	2.4			
		1	PPER PU	MP STAT						
DEPTH	3.1	2.1	12.0	12.7	2.1	2.2	2.5			
#1 HRS	302.8	304.7	306.0	307.3	308.7	310.6	311.3			
HRS RAN	1.4	1.9	13	1-3	1.4	1.3	1.3			
#2 HRS	3037	305.60	307.0	368.2	309.6	311.0	312.			
HRS RAN	1.4	1.9	1.4	1.2	1.4	1.4	1. 4			
	W. 1	1 1		LIGHT	0 0	and an extra plant of the same				
#1 HRS		/ market in a second								
#1 INTEN		-	-		/		_			
#2 HRS	3676	3700	3724	1 3749	3771	3797	3820			
		-	1	1 1	1 (7)	1 12	107			

1808804 1814514 182005

3.0

1802897

1.5

1796941

#2 INTEN

0-7

M	ONT	\mathbf{H}^{-1}	MA	Re	山
				111	- V 1

YEAR 2023

	17735	17822	17908	17993	18454		THE TOTAL COLUMN TO
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	127	28	201	30	31		
INFLU#	25782	25895	26007	26110	26209		
FLOW	100	113	112	103	99		
EFFLU#	9536	9610	9700	9772	9837	TO THE OWNER OF THE PARTY OF TH	
FLOW	83	74	90	72	65	***************************************	
RAIN	0	0	0	8	0		
TEMP	340	430	240	30°	320		

EFFLUENT

	PH	7.6	7.5	7.5	7.4	7.4	
Princeton (menument	DO	6.1	6.2	6.1	6.1	6.3	

LOWER PUMP STATION

DEPTH	30	× (0	215	3,2	21	/	
#1 HRS	5943	597.2	600.0	602.4	1005.1		
HRS RAN	2.9	2.9	2,8	2.4	2.7		
#2 HRS	568.3	571.1	574-1	576.5	578.5		
HRS RAN	2.7	2.8	20	2.4	2.3	7	

UPPER PUMP STATION

DEPTH	2.7	2.4	2.1	9-5	12.1	
#1 HRS	312.7	314.2	315.6	316.9	2.18.1	
HRS RAN	1.4	1.5	1.4	1-3	1,2	
#2 HRS	313.6	315.1	316.5	317-8	319.0	
HRS RAN	1.0	1.5	1.4	1.3	1.2	

UV LIGHT

#1 HRS	garanes to 3			1486	1509	
#1 INTEN				7.3	4.2	
#2 HRS	e -7.	.7	.60	,		
#2 INTEN	3843	3867	3892			

1839444 1845787 185,2540 1865850 1878876

MONTH APRIL

YEAR 2023

		******	γ	P		18160	18243
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE						/	2
INFLU#					26209	26344	26453
FLOW						i 35	109
EFFLU #		The second secon			98.37	4933	NI NI
FLOW						75	75
RAIN						, 36	10
TEMP		Annual of the State of the Stat				5 90	14°

17958?

EFFLUENT

PH			7.5	7.5
DO			6.2	6.2

LOWER PUMP STATION

DEPTH		2.5	1.6
#1 HRS	605.1	608.9	611.7
HRS RAN		3.8	3.0
#2 HRS	578.0	581.7	584.5
HRS RAN		3	2.6

UPPER PUMP STATION

DEPTH		2.1	2.1
#1 HRS	318.1	319.4	3213
HRS RAN		1.8	1,4
#2 HRS	319.0	320.8	32211
HRS RAN		1.8	1,3

UV LIGHT

#1 HRS	1509	1535	1558
#1 INTEN		4.2	1,2
#2 HRS	, while,		
#2 INTEN			1-

MONTH	APRI	-			YEAR S	2023	
VIOITI	18351	18450	18524		18689	18812	18445
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	3	4	5	le	-7	8	9
INFLU#	24592	24722	26823	26921	27043	27173	27357
FLOW	139	130	101	98	122	150	164
EFFLU #	9902	207296	290902	358263	464402	516604	584524
FLOW	182	107	83	68	106	52	67
RAIN	10	0	0	0	10	0	Ö
TEMP	33°	40°	480	540	420	37°	4130
			EFFI	LUENT			
PH	74	7.5	7.6	7.4	17.4	7.5	7.5
DO	6.0	6.0	6.1	6.0	6.0	6.1	6.1
	and the same of th	LO	WER PU	MP STAT	TION		
DEPTH	2.6	2.9	29	2.9	2.5	3.3	331
#1 HRS	615.7	6190	621.6	(a3.0	1 627	631.6	636.1
HRS RAN	38	3.3	2.6	2.3	3.1	4.6	4.5
#2 HRS	587.6	591.0	593.4	595.7	7 598.7	602	
HRS RAN	31	3.4	24	23	3.0	3.5	4.6
and the second s		U	PPER PU	IMP STAT	TION		
DEPTH	2.1	12.0	13.0	2.1	12.0	2.3	2.7
#1 HRS	3,23.1	324.8	326.1	327.4	1 328,9	3303	332.8
HRS RAN	1.8	1.7	1.3	1.3	1 2 200	1.3	2.0
#2 HRS	323.9	325.5	324.8	329	0 329.6	331.5	333.7
HRS RAN	1.8	1:10	1.3	1.2	1-6	1.3	2.2
L	A Tarabas Company	CLEW	UV	LIGHT			
#1 HRS	1581	1405	11629	165	3 1678	1700	1725
#1 INTEN	2.9	1117	11.2	5.1	1.2	14.0	8,5
#2 HRS							V-
#2 INTEN						- Comment	
A second	1				1014	20403	19 01149

1914574 1922681 1936252 1942347 1946743 2040852 2106109

		,				142	
MONTH	APP	IL .		1	YEAR	2023	
18945	19057	19 149	19196	19270	19370	[वमउप	19517
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	101	11	12	13	14	15	16
INFLU#	27493	27590	27683	27783	27912	28002	28/13
FLOW	136	97	93	100	129	40	ill
EFFLU#	687730	752	8364	891	978	1039	1164
FLOW	103	65	74	65	87	(e)	65
RAIN	0	Ø	0	0	0	,10	30 /
TEMP	32°	400	53°	450	380	65°	U4°
			EFFL	UENT			
PH	7.1	7.2	7.2	7.2	7.1	7.2	7.2
DO	60	6.1	6.2	63	6.0	6.1	6.1
	W/\/		WER PU				
DEPTH	25	3.3	2.9	2.0	31	3.3	2,5
#1 HRS	640.5	644.1	647.6	1051.0	655.5	658.9	663.0
HRS RAN	4.4	3.6	3.5	3.4	4.5	3.4	4,1
#2 HRS	610.7	6129	615.0	617.4		621.9	624.1
HRS RAN	3.9	2.2	2.1	2.4	12.6	1.4	2,7
	See F. S.	U	PPER PUI	MP STAT	ION		
DEPTH	2.3	2.6	2.9	12.1	2.7	2.6	2.6
#1 HRS	334.6	335.8				340.9	342.3
HRS RAN	76	1.2	1.1	11.3	1.6	1.1	1.4
#2 HRS	335.5	336.7	337.9	339.2		342.1	373.6
HRS RAN	1.8	12	1/12	11.3	1:7	12	1.5
LL	1.0	Jan V		LIGHT			
#1 HRS	1741	1773	11797	1821	1845	1864	1894
#1 INTEN	111	8.7	66	3.6		5.7	11.3
#2 HRS	LoL.	0.7		-		-	
#2 INTEN				~	1		/
	1	1	· ·	1	THE RESIDENCE OF THE PROPERTY	CONTRACTOR CONTRACTOR CONTRACTOR	

MONTH	APF	ZIL			YEAR_	2023	
	19613	19697	19761	19840	19907	19977	26050
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	17	18	19	೩೦	21	22	33
INFLU#	28237	28349	28438	28545	28641	28739	28843
FLOW	1213	113	89	10-7	96	48	104
EFFLU #	1193	1295	1348	1426	1475	1539	1611
FLOW	89	102	53	78	49	64	72
RAIN	-10	0	Ó	0	Ó	0	90
TEMP	496	430	380	500	54°	65°	53°

EFFLUENT

PH	7,2	7.1	7.1	-7.1	7.2	7.2	7.2
DO	6.1	6.0	6.2	6.1	6.2	6.2	6.2

LOWER PUMP STATION

DEPTH	2.2	34	2.5	2.5	3.1	2.1	7.6
#1 HRS	667.2	671.0	674.4	6782	681.8	685.3	687.2
HRS RAN	4.2	3.8	34	3.8	3.6	3,5	3.4
#2 HRS	627.7	430.3	632.3	634.7	636.9	639.3	641.6
HRS RAN	3.1	2.6	2.0	2.4	2.3	2.4	2.3

UPPER PUMP STATION

DEPTH	2.0	3.2	2.1	2.6	2.9	1.9	2.4
#1 HRS	343.9	345.4	346.5	347.9	349.1	350.1	351.4
HRS RAN	1.6	1.5	1.1	1.4	1.7	1.0	1.3
#2 HRS	345.2	346.6	347.6	349.0	350.2	357,7	359.0
HRS RAN	1.6	1:4	1.0	1.4	1.3	7.5	1.3

UV LIGHT

#1 HRS	1917	1942	1965	1989	2014	2038	2067
#1 INTEN	13.4	4.6	13.2	3.2	9.4	8:5	4.9
#2 HRS				=	_		- production or -
#2 INTEN	_			_			

2280691 2301027 2312854 2327141 234=121 2356334 2372171

MONTH	APRI	L			YEAR	2023					
,,	20152	20231	20321	20407	20468	20563	20459				
AY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN				
DATE	24	25	26	27	28	29	30				
INFLU#	28972	29081	29198	29314	29423	23540	24654				
FLOW	129	109	117	116	109	97	134				
EFFLU #	1712	1785	1866	1949	2014	2019					
FLOW	101	73	81	83	65	80	86				
RAIN	0	Ö	0	610	0	,60	1.5 /				
TEMP	400	460	410	500	500	43.	530				
EFFLUENT											
PH	7.2	7.1	7.4	7.3	7.4	7.4	7.1				
DO	7.1	7.3	9.1	7.0	7.2	7.2	7.2				
LOWER PUMP STATION											
DEPTH	2.6	2.9	12,7	23	37	3,1	2,0				
#1 HRS	1094.0	697.8	7016	705.7	709.1	711.8	715.3				
HRS RAN	4.9	3.8	3.8	4.1	3.4	2,7	3.5				
#2 HRS	644.6	646.9	449.	0 651.9	654.4	657.0	الكواي				
HRS RAN	3.0	2,3	2,-	1 23	2.5	2.6	3,2				
	en e	.U	PPER PU	IMP STAT	TION						
DEPTH	21	8.5	2.2	2.1	2.9	2.9	2.4				
#1 HRS	353.1	353.5		the state of the s	357.3	358, 6	360. 2				
HRS RAN	1.7	0.4	1.5			1.3	1.6				
#2 HRS	360.7	361.1		364.0	375.1	376.4	378.)				
HRS RAN	1.7	0:4	1.4			1.3	1.7				
	L.		UV	LIGHT							
#1 HRS	2085	1 2109	2135	1 215	7 2181	2204	2230				
#1 INTEN	4.5	3.2	3.4			4.7	a.7				
#2 HRS	1 '00'										
#2 INTEN			_								
	2385606	24163422	2 24725	24964	50 2521706	2535405	25518				

MONTH	MIH	Y	and the same		YEAR 3		
Per 14 double	20848	00995	21127	21257	21356	त्रा 45 र	21578
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE		4	3	4	5	6	7
INFLU#	29874	30053	30218	30381	30511	30640	36797
FLOW	220	179	165	163	130	129	137
EFFLU#	2355	2485	2409	2727	2525	2922	3044
FLOW	175	130	124	118	98	97	122
RAIN	1,0	020	10	.10	101	Ö	0
TEMP	400	420	410	430	420	460	630
		L	EFFL	UENT			Section Type (III of the Pill)
PH	74	7.3	7.4	7.4	7.3	7.3	7.3
DO	7.1	73	7.1	7.2	7.2	7,2	7.a
1			WER PU	MP STAT	ION		
DEPTH	1.9	3.3	2.0	30	128	3.3	1,9
#1 HRS	723.0	727.8	732.6	736.8	740.2	743,2	747.6
HRS RAN	7.7	4.8	4.8	4.2	3.4	3.0	4.4
#2 HRS	6653	670.8	674.5	679.0	082.2	685.5	688.8
HRS RAN	5.6	5.0	3.7	4.5		3,3	3,3
La company the consequence			PPER PU	MP STAT	ION		
DEPTH	2.4	2.0	12.7	2.5	2.1	3.6	2.3
#1 HRS	363.)	365.4	347.4	369.6	371.3	37a. o	3750
HRS RAN	2.9	2.3	2.2			1,6	2,1
#2 HRS	381.1	383.4	385.5			391.0	393 (
HRS RAN	3.0	2:3	3.1	3.3		0.7	2.0
				LIGHT		<u> </u>	J
#1 HRS	2253	2277	2300	2325	- 3349	2373	234
#1 INTEN	2.4	3.0	2.3	3.7	4.0	5.3	2.4
#2 HRS							
#2 INTEN							-
L.	0/02067	1 1.	3 264589	3/ 22	10 266876	2677279	2670

MON	TH_M	AU			YEAR	2023	
DAY OF WE	21675	The state of the s	21593	21984	22067	बराद्व	22249
DATE	IVIOIA	TUES	WED	THURS	FRI	SAT	SUN
INFLU #	0	19	10	11	12	13	14
	1013	31056	31213	31336	31451	31577	31697
FLOW	134	125	157	123	115	124	120
EFFLU #	3157	3234	3331	3432	3511	3616	3703
FLOW	95	95	97	161	79	109	87
RAIN	0		0	0	0		0
TEMP	_\S3°	56°	570	460	430	65°	59°
		The second secon	EFFL	UENT	1 0	1	
PH	7.5	7.4	7.4	7.3	7.3	73	- 3
DO	7.2	7.1	7.3	7.0	7.1	7.3	7.3
		LO	WER PUI	MP STATI	Contract of the Contract of th	7,1	7.2
DEPTH	2.1	32	1.9	2.4	3.0	15	2,8
#1 HRS	751.2	754.5	758.7	761.4	The second second	1	
HRS RAN	3.6	3.3	42	2.9	The second secon	767.1	769.8
#2 HRS	692.2	695.1	6989		2.7	2,8	2.7
HRS RAN	3.4	2.9	3.9	702.0	704.7	708.1	711.6
7.11	·			MP STATIO	ON /	3.4	J. MAA J.
DEPTH	22	2.2	2.4	2.3	3.0	2.1	3
#1 HRS		3-78-4	380.4				2.1
HRS RAN	1.7	1.7	2.0	382.0	383.5	385.1	356.7
#2 HRS	3947	394.3		7.6	1.5	1,6	404.6
HRS RAN	1.7	1:6	398.3	399.9	401.4	F103.1	
		10	UV LI		1.5	1.7	1.5
#1 HRS	2421	2443	2469 1		2	25	
#1 INTEN	3.4	2-5	2.3	2493	4.1	2540	2566
#2 HRS	2	0.3	9.0	7.7	7.1	2.7	2.3
#2 INTEN					And the second s		
	7716884	2746123	1700	27/7/-	2	2.701	
	1.0001	2740632	a 150513	X 16/630	2777267	2791466	0.501516

MONTI	1 MA				YEAR 2	023					
MONT	22364	22448	72521	22596	22617	32757	23833				
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN				
DATE	15	16	17	18	19	ں جے	21				
INFLU#	31849	31961	32069	32174	32285	3 23 93	32499				
FLOW	152	112	108	105	111	108	106				
EFFLU #	3775	3813	3892	3965	4036	4114	4197				
FLOW	72	38	79	73	71	83	78				
RAIN	0	0	0	0	6	0	1,20				
TEMP	410	430	520	35°	560	60°	57				
EFFLUENT											
PH	7.4	7.5	7.4	7.4	7.5	7.5	7,5				
DO	7.2	7.2	7.1	7.2	70	7.1	7.1				
LOWER PUMP STATION											
DEPTH	30	1.7	3.5	1.6	2.6	2.1	1.8				
#1 HRS	773.9	777.0	779.5	782.1	784.6	787.4	790.0				
HRS RAN	1	3.1	2.5	2.6	2.5	2.8	26				
#2 HRS	714.3	716.8	719.2	731.7	724.5	726.9	729.5				
HRS RAN	33	2.5	2.4	2.5	28	2.4	2,6				
Accessed to the second	100 may	UI	PPER PUI	MP STAT	ION						
DEPTH	2.5	2.1	2.2	2.1	3.1	2.3	2,1				
#1 HRS	388.5	390.0		392.7		3 95.5	396.8				
HRS RAN	1.8	1.5	1.3	1.4	1.4	1,4	1.3				
#2 HRS	406.5	407.9	4093	410.6	412.1	413,4	414.8				
HRS RAN	1.9	1:4	1.4	1.3	· · · · · · · · · · · · · · · · · · ·	1. 3	1.4				
Transcension of the complete compression of	e commence de la completa de la comp	Authorities of Early 1995 and the State of State	UV	LIGHT		The second secon					
#1 HRS	2589	2613		1 -							
#1 INTEN	3.7	<i>9-0</i>					-				
#2 HRS			3893	3917	3941	3965	3959				

- 45 (e.5 4.5 3.7 2.)
2812362 2864018 2874476 2884612 2895785 2906960 2918252

#2 INTEN

MONTH	MAY				YEAR 6	TO A CONTRACTOR OF THE SAME DAY OF THE SAME AND THE SAME	
DAY OF WEEK	22933 MON	A304A TUES	WED	23180 THURS	23252 FRI	23335 SAT	23348 SUN
DATE	22	23	24	25	24	27	29
INFLU#	39430	32768	32863	32958	33057	33169	33259
FLOW	131	138	93	95	99	112	90
EFFLU#	4277	4379	4456	4513	4581	4667	4737
FLOW	0.0	100	77	5-7	108	88	68

EFFLUENT

60°

58°

510

RAIN

TEMP

PH	7.5	7.4	7.4	7.5	7.4	7.4	7.4
DO	7.1	7.2	7.1	7.2	7.3	7.3	7.3

LOWER PUMP STATION

DEPTH	2.2	17	3.3	2.5	2.4	1,6	1.4
#1 HRS	793.7	797.7	800.0	802.4	804.8	807.4	809.5
HRS RAN	3.7	4.0	2.3	2.4	2.4	2.6	2.1
#2 HRS	732.2	735.2	737.5	739.8	742 2	744.9	746.8
HRS RAN	2.7	3.0	2.3	2.3	2.4	2.7	1,9

UPPER PUMP STATION

DEPTH	2.1	2.1	2.1	2.2	2.1	2.	2.1
#1 HRS	398.5	400.2	401.5	402.7	404.0	405.4	406.6
HRS RAN	1.7	1.7	1.3	1.2	1.3	1.4	1.2
#2 HRS	416.5	416.3	419.5	420:7	422.0	423.5	424.6
HRS RAN	1.1	1:8	1.2	1.2	1,3	1,5	1.1

UV LIGHT

#1 HRS		_		_	and the same of th		
#1 INTEN			_				_
#2 HRS	4013	4037	4061	4085	4109	4133	4156
#2 INTEN	al	1.8	4.1	5.4	9.2	4.3	4.0

2929275 3015613 3028286 3641699 3055471 3068866 3671752

DAYOR	2	5475 23	576 2	3645	77-7-	. 0	TEAK	202	3
DAY OF V	10	ION TI	IES V	VED	2372 THUR				
DAT	_ 0	19 2		31	TOR	9	FRI	SAT	SUN
INFLU	1# 33	44		200	24		-		
FLO	Ni	00	1/2/33	587	2269	13			
EFFLL			25	94	101	0			
FLOV		10	79 4	983	505	9		-	<u> </u>
RAIN	l V	1 - 9	5 8	34	75		The beautiful to the second se		
TEMI		0)	0	1		1	
I EIVII	0	F 50) 5	00	470	1	Company of the Compan		
				EFFLU	FNT			1	
PH	7.5	71-	7		Steel All D				
DO	The second secon		-	24	7.4	+			1
	16.0	6.	5 6	-1	6.3	1			
			LOWER	PUM			NAI		1
DEPTH	2.0			- 1					
#1 HRS		10:1	1	91	3.2				1
HRS RAN	812.0	815.		7.8	\$20.4	4			<u> </u>
#2 HRS	00	3 4	2 2.	2	2.6				
HRS RAN	749.		3 75	4.67	757.				ļ
INS KAN	2.6	2.0	The state of the s	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	2 7	1			
			UPPER	The second second second	STAT	101			
DEPTH	3.0				3141	101	V		
#1 HRS		2.1	2.,		2.0		j		the absorption and department of the company of a company of the c
	408.0	407.	7 410.	9 1	112.3				
IRS RAN	1.4	1.7	25-27	2	1,4	+			
#2 HRS	426.1	427.		.0.4	The second second				
IRS RAN	1.5	1.6		3	2	-		and an interest of the second	
				The same of the sa	14				
#1 UDC				V LIGI	11				
#1 HRS				-		1			the Upstalandary of an exempted three man before
1 INTEN		-		_		-			
#2 HRS	4182	4205	432	a	127	+			
2 INTEN	3.6	33	20	-	253	-			
The state of the state of the state of the state of	308/122	3094363	310,229		3.5				

MONTH	Jun	e	anitaments.		100000000000000000000000000000000000000	2023	material manufit
				23724	23798		23916
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
					2	3	4
INFLU#				33693	33790	33 891	33 777
FLOW				106	97	loi	88
EFFLU #				5058	5135	5209	5273
FLOW				75	77	74	64
RAIN				O	0	0	0
TEMP				470	470	78°	680
			EFF	LUENT	And the second s		
PH	-		- Andrews - Control of the Control o	7.4	7.5	7,5	7.5
DO	ag / 2			10.2	6.0	(e.	6.1
		LC	WER PL	JMP STATI		0.1	
DEPTH		*************		3.2	2.9	3,0	2.4
#1 HRS		W).V		820.4	822.3	825, 3	827,5
HRS RAN	****	h 40,5 an ancar-ana	-	2.6	2.4	2.5	2.2
#2 HRS				757.3	759.7	762.2	764.2
HRS RAN				2.7	2.4	2.5	2.0
		U	PPER PL	JMP STATI		I was a second second	L
DEPTH			1	2.0	2.7	a.1	2.3
#1 HRS				412.3	413-6	415,0	416.2
HRS RAN				1.4	13	1,4	1.2
#2 HRS	u = 1 . 1 1 1 1 1 1 1			430.4	431.7	433,1	434.3
HRS RAN		-		1.4	1.3	1,4	1.2
		L	U/	/ LIGHT		1	The second secon
#1 HRS							
#1 INTEN						_	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4253	4277	4302	4327
#2 HRS				1400	1000		

MONT	H_JU	ne			YEAR	2023	
DAY OF WEEK	24007	24105	24172	24238	24300	24357	24416
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
	5	6	7	8	9	10	//
INFLU#	34072	34197	34290	34387	34478	34568	34654
FLOW	93	125	93	97	91	40	84
EFFLU#	5343	5441	5518	5585	5655	5717	5775
FLOW	70	98	67	67	70	62	58
RAIN	0	Ű	0	0	\mathcal{O}	0	0
TEMP	5,3°	450	470	450	420	64°	66
			EFFL	UENT			
PH	7.5	7.4	7.4	7.3	7.4	7.4	7.4
DO.	61	6.2	6-0	6.1	6.2	6,2	6,2
		LO	WER PU	MP STAT			· · · · · · · · · · · · · · · · · · ·
DEPTH	3.1	2.9	1.5	16	34	3.3	3.2
#1 HRS	829.7	833.4	835.6	837.9	840.0	8426	843.7
HRS RAN	2.3	3.7	2.2	2.3	3.1	2.6	1.9
#2 HRS	766.7	769-3	771.5	773.	7775.6	777.5	779.4
HRS RAN	2.5	2.6	2.2	2.2	119	1,9	1,9
		UI	PPER PU	MP STAT	ION		
DEPTH	2.9	2.3	22	2.0	2.0	2.0	3.0
#1 HRS	417.4	419.0	420.2	421.5	4226	423.7	424.8
HRS RAN	1.2	1.6	1.2	1,1.3	111	1,1	1.1
#2 HRS	435-6	437.3	438.6	Law.	441.0	442.1	443.3
HRS RAN	1.3	1:7	1.3	1.3	1/,2	1.1	1,1
			UV	LIGHT	entropolitica () for succession () and () a		
#1 HRS		* respectable*				<u> </u>	
#1 INTEN	_				_	_	
#2 HRS	4349	4373	4397	4421	4445	4469	4493
#2 INTEN	2-7	2.4	2.8		2.2	2.3	3.7
STATE OF THE OWNER, CO., LANSING	3145663	3190840	who were the same of the same		3250158	3158984	

9 . E

	MOL	HTV	Witness of the last				YEAR	2023	
	DAY OF V	A COMMAN	493 ON	126	A CONTRACTOR OF THE PARTY NAMED IN COLUMN	2470	1 24765	24830	The same of the sa
	DAT		2	TUES /3	WED	THURS	FRI	SAT	2489-
3465	INFLU		761	34864	14	15	16	17	18
	FLOV		77	1	34974	35175	35265	35 35 3	
577	EFFLU	4		103	110	101	90	88	93
***	FLOW		4	5920		lecros	0 6 35	6199	6260
	RAIN	The same of the sa		,90	91	55	69	6-1	61
	TEMP	-7c	50	7.5		010	-10	1.70	10
	The second section is a second second		i	54°	570	52°	490	65	716
					EFF	LUENT			1-/-
	PH	7.4		7.5	7.5	77	71		
	DO	6.3		6.1	6.1	1.9	7.4	7.4	7,4
				The second secon	Annual Company	6.2	6.1	6,3	6,2
	DEPTH	T		10	WER PU	IVIP STAT	TION		
43.9	#1 HRS	2.8		2.7	24	23	12.2	2.9	
2.1	HRS RAN	1846.6	And in case deliner and	849.3	852.2	854.	856.2		x.4
7994	#2 HRS	2.7		2.7	2,9	2.0	2.0	858. 3	860 5
7.9	HRS RAN	781.9	1	784.1	786.3	788.2		792.2	2,7
	TINS KAN	2.5		2.2	2,2	19	2.0		794
				UP	PER PUN	IP STATE	ON I	2.0	2.6
	DEPTH	2.1		- 100					
14.5	#1 HRS	426.2		2.1	2.1	The second second second second second	2.1	2.1	2.2
İ	HRS RAN	1,4	1	27.4	428 %	429.9	431	432.1	433.3
3-2	#2 HRS	444.5	-	1160	1,4	1.1	1-1	1.1	1, 3
1	HRS RAN	1.3	THE PERSON NAMED IN	45.9		448,4	449.4	450.6	451.7
_	1	P Second	1	1.4	1,4	1-1	1.0	1.2	1,1
-	As in a				UV LI	GHT			
	#1 HRS	· Mariana and			-			Commence of the Section of the Secti	the desirable printed the printed by the printed by
1	#1 INTEN		-						
-	#2 HRS	4518	4	541	4565	4589	1(12	11135	
1	#2 INTEN	3.0	-	0	2.0	5.6	3.7		ibla
hamme		3321401			- 15 67			Mary 4	4.0

	MONTH	50	NE		4	YEAR	2023	
		24951	25036	25115	25190	25256	25324	25387
	DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
Transfer or Control	DATE	19	20	21	72	23	24	25
46	INFLU#	35525	35635	35740	35845	35938	36036	36129
1	FLOW	79	110	105	105	93	48	93
00	EFFLU#	6320	6378	6462	6552	6628	6703	6771
	FLOW	60	58	84	90	76	75	68
	RAIN	Ø	0	0	.50	30	,60	,25
	TEMP	56°	680	630	570	630	.7a°	710
	h., 1841 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	NO. 20 10 10 10 10 10 10 10 10 10 10 10 10 10		EFFL	UENT			
	PH	7-3	7.4	7.4	7.5	7.5	7.5	7,5
	DO	6.1	6.2	6.1	6.3	6.1	le.1	6.2
	harman a manamba		LO	WER PU	MP STAT	ION		The second secon
	DEPTH	1,9	2.6	1.8	12.9	119	1.8	3.2
0.5	#1 HRS	860.4	865.6	8684	870.8	873-1	875.4	877.6
	A STATE OF THE PARTY OF THE PAR			-	2 1	2 2	2.3	3.2
	HRS RAN	1.9	3-2	12.8	2.4	2.3	2.5	1 200
14.9	HRS RAN #2 HRS		3-2	2.8		805.5	+	809.7
14.9		796.L 19					+	809.7
14-9	#2 HRS	796.1	798.2	2 6	803.3	805.5	807.7	809.7
14-9	#2 HRS	796.1	798.2 2.1	2 6	3.5	805.5	807.7	809.7
	#2 HRS HRS RAN DEPTH	796.1	798.2 2.1 U	200.8 PPER PU	\$03.3 \$2.5 MP STAT	805.5 3.2 ION 2.2	807.7	809.7
33.3	#2 HRS HRS RAN DEPTH	796.1 19 2.0 434.3	798.2 2.1	200.8 2 6 PPER PU	3.0 3.5 438.5	805.5 3.2 ION 2.2 439.7	807.7	309.7
33.3	#2 HRS HRS RAN DEPTH #1 HRS HRS RAN	796-1 19 2.0 434.3 1.0	798.2 2.1 U 2.2 435.8 1.5	200.8 PPER PU 2.5 437.6	3.0 3.5 438.5 1.3	805.5 3.2 ION 2.2 439.7 1.2	2.0 440.9	309.7 20 2.7 442.1
	#2 HRS HRS RAN DEPTH #1 HRS HRS RAN	796.1 19 2.0 434.3	798.2 2.1 U 2.2 435.8 1.5	200.8 PPER PU 2.5 437.6	3.0 3.0 3.0 3.0 3.0 438.5 1.3 457.0	805.5 3.2 ION 2.2 439.7 1.2 458.2	2.0 440.9	209.7 20 2.7 442.1 12 460.0
33.3	#2 HRS HRS RAN DEPTH #1 HRS HRS RAN #2 HRS	2.0 434.3 1.0 453.8	798.2 2.1 U 2.2 435.8 1.5 454.2	2.5 PPER PU 2.5 437. 6 1.4 455.6	3.0 3.0 3.0 3.0 3.0 438.5 1.3 457.0	805.5 3.2 ION 2.2 439.7 1.2 458.2	2.0 440.9 11.2 45.9.4	209.7 20 2.7 442.1 12 460.0
33.3	#2 HRS HRS RAN DEPTH #1 HRS HRS RAN #2 HRS	2.0 434.3 1.0 453.8	798.2 2.1 U 2.2 435.8 1.5 454.2	2.5 PPER PU 2.5 437. 6 1.4 455.6	3.0 3.0 3.0 3.0 3.0 438.5 1.3 457.0 1.4	805.5 3.2 ION 2.2 439.7 1.2 458.2	2.0 440.9 11.2 45.9.4	209.7 20 2.7 442.1 12 460.0
33.3	#2 HRS HRS RAN DEPTH #1 HRS HRS RAN #2 HRS HRS RAN	2.0 434.3 1.0 453.8	798.2 2.1 U 2.2 435.8 1.5 454.2	2.5 PPER PU 2.5 437. 6 1.4 455.6	3.0 3.0 3.0 3.0 3.0 438.5 1.3 457.0 1.4	805.5 3.2 ION 2.2 439.7 1.2 458.2	2.0 440.9 11.2 45.9.4	209.7 20 2.7 442.1 12 460.0
33.3	#2 HRS HRS RAN DEPTH #1 HRS HRS RAN #2 HRS HRS RAN	2.0 434.3 1.0 453.8	798.2 2.1 U 2.2 435.8 1.5 454.2	200.8 PPER PU 2.5 437. 6 1.4 455.6 1.4 UV	3.0 R 438.5 1.3 457.0 1.4 LIGHT	805.5 3.2 ION 2.2 439.7 1.2 458.2 1.2	2.0 440.9 11.2 45.9.4	2.7

	MONTH	I	re		Y	EAR 2	1023	
ĵ.		25484	75562	25637	The state of the s	25785		#110A
	DAY OF WEEK DATE	MON	TUES	WED '	THURS	FRI	SAT	SUN
2		26	27	28	29	30		
6129	INFLU #	36258	36365		34549	36670		
de anno de	FLOW	129	107	103	101	101		
771	EFFLU #	16840	6932	7019	7097	7/61		
¥,*1	FLOW	69	92	87	78	64		
	RAIN	12		-90	Ô	0		
	TEMP	700	740	lo le °	61°	660		1
			100700	EFFL	UENT			
	PH	7.5	7.4	7.4	7.5	74		
	DO	6.0	6.2	6.1	6.0	6-1		
	tari e e e e e e e e e e e e e e e e e e e				MP STATI	ON		
	DEPTH	21	2.8	2.3	13.4	2.8		-
17.6	#1 HRS	980.0	882.7	885.3	887.6	890.2		
	HRS RAN	2.4	217	2.6	2.3	2.6		
809.7	#2 HRS	8134	815-8	818.4	820.7	822.9	10 10 10 10 10	
	HRS RAN	3.7	2.4	2.6	2.3	2.3		and the second
			U	PPER PUI	MP STATI	ON		
	DEPTH	2.1	3.0	12.1	2.0	2.1		
1421	#1 HRS	443.8	445.1	446.5	447.7	449.0		
	HRS RAN	1 . 7	1.3	1.4		103		
440.4	#2 HRS	462.2	463-6		466.2	4675		
	HRS RAN	1.6	1:4	1.3	1.3	1.3	Page Value	
	Lie and an annual state of the state of				LIGHT	a salah da katangan pangangan pangangan pangan		
	#1 HRS							
	#1 INTEN					A LINE AND		
	#2 HRS	4853	4877	4901	4925	4949		
	#2 INTEN	2.5	2.4	12.6		0.3		
	L	3439726	and the same of th	The state of the s		9 347333	+	J-000

MONTH JULY

YEAR 2023

HTMONTH JOU	4		YEAR_		25785	25848	25940
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE							2
INFLU#					34670	36760	36683
FLOW						90	123
EFFLU #					7161	7242	7334
FLOW						81	92
RAIN						0	1.4"
TEMP			1			70°	76
			E	FFLUENT			
PH					7.4	7.4	7.4
DO					6.1	6,1	leil
			LOWER	PUMP STATION			
DEPTH						2.4	2.1
#1 HRS					890.2	814.3	895.5
HRS RAN						2.1	3,2
#2 HRS					822.9	825.0	828.0
HRS RAN						2.1	3.0
			UPPER	PUMP STATION			
DEPTH				T		2.1	2.0
#1 HRS					449.0	450, 3	451.8
HRS RAN		+				1,2	(,5
#2 HRS					467.5	468.7	470.2
HRS RAN						1.2	1.3
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1		UV LIGHT			
#1 HRS			T			14972	4998
#1 INTEN						2.5	3,3
#2 HRS		-	_			4973	4339
#2 INTEN						2.8	7, 3
No HITCH				SBR 1			
MLSS	T						
141633				SBR 2			
MLSS	4acrelia				1600		

	MONTH JU	ρly		YEAR 20	23			
3		26010	24095	26181	26340	26342	26416	26414
	DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
0,000		3	4	5	6	7 7000-0	8	9
36883	INFLU#	36975	37083	37189	37288	37397	37492	37591
	FLOW	92	108	106	99	104	95	99
7334	EFFLU #	17413	7500	7585	7664	7752	7843	7927
	FLOW	78	88	85	79	88	91	84
	RAIN	.10	150		0	0	,40 /	0
	TEMP	70°	720	700	700	740	740	780
				EFFL	UENT			
	PH	7.4	7.5	7.5	7.4	7.4	7.4	7.5
	DO	4.2	10.1	6.3	6.2	6.1	6.2	6.2
	L			LOWER PU	MP STATION		<u></u>	territorio de la companya de la comp
	DEPTH	3.0	1.9	2.10	13.4	1.8	3.5	3.17
895.5	#1 HRS	897.9	900.8	903.7	906.4	909.0	911,5	914.2
0.0.0	HRS RAN	2.4	2.9	2.9	2.7	2.6	2.5	3.3
825.0	#2 HRS	830.3	833-1	836.0	838.6	841.4	843.8	846.3
	HRS RAN	2.3	2.8	2.9	2.6	2-8	2.4	2.5
	Ll			UPPER PU	MP STATION			harmon in a common
	DEPTH	2.0	2.6	2.3	[2.]	2.6	3,1	2.6
451.8	#1 HRS	453.0	454.4	455.9	4572	458.6	45 9.9	461.3
	HRS RAN	1.3	1.4	1.5	61.3	1.4	1.3	i.H
470.2	#2 HRS	471.5	472.9	474.4	475.5	477.2	478,5	474.8
	HRS RAN	1.3	1.4	1.5	1.4	1.4	1.3	1,3
	<u></u>		l/	UV	UGHT			
	#1 HRS	,			-			
	#1 INTEN				Accomplisation (7) house			
	#2 HRS	5021	5045	5069	5093	5117	5141	Sible
	#2 INTEN	2.6	2.8	2.5	2.6	25	2.5	1.8
					BR 1			1
	MLSS				1900			
	-			5	BR 2			
	MLSS			1800				
		3484133	3486649	3493268	, 3497084	3500751	350443	7 3500633

MONTH_TU	4	74668	VEAR 20	26530	26983	27648	27127
AY OF WEEK	26589 MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	10	11	12	13	14	15	16
INFLU#	37709	37807	37896	38015	41476	41562	41666
FLOW	118	98	39	120	\$60	86	104
EFFLU #	8018	8105	8181	8240	8315	8400	8472
FLOW	91	87	76	19	55	85	72
RAIN	1.21	0	0	0	0	0	5.5
TEMP	460	450	65°	700	740	74°	750
	1 40	U		FLUENT			
PH	741	7.5	7.5	7.4	7.5	7.5	7.5
DO	6.3	6.2	10.1	10.2	6.3	6.3	6.3
	(0.)		LOWER	PUMP STATION			
DEPTH	22	1.7	1.9	13-	7 3.5	2.7	17/
#1 HRS	0.710	920.2	000	925.	9 931 3	933.5	936.3
HRS RAN	3.50	2.6	2.4	3.3		2.3	2.8
#2 HRS	849.4	852.0	1 100 1	2 857.		864-1	867.4
HRS RAN	2 1	2.6	2 3	2 -			
	2,1	ON P	UPPER	PUMP STATION			
DEPTH	2.6	2.2	2.1	12.6	2.1	2.2	2.2
#1 HRS	462.9	464.2	465,	1 1		9 486.1	487.4
HRS RAN		1.3	1.2	1.6) 1.2	1,3
#2 HRS	481.4	482.8		0 485.	6 503	2 564.3	505.7
HRS RAN	1 . 6	1,4	10/1	10			1.4
			1/0	UV LIGHT			
#1 HRS	T		T		-		
#1 INTEN		-	+-		-		-
#2 HRS	5189	5213	523	5 526	1 528	7 5300	2 5334
#2 INTEN	3.0	2.3	1.7	2:	3 Ce. 3		4.9
L	1 3.0			SBR 1			
MLSS							
				SBR 2			
MLSS	12400	1 2000	3637	200 000	1653 3535	901 35503	11 355876
	turn bac	× 351995	3527	3534	1623 202	1-1 ,200	1-)-/-
	35/182	1	7 Ar	\cap		, Co.	
			111	•	1045 Compo	Kr	

MONTH JU	114		YEAR 20	23		221 21	27706
DAY OF WEEK	MON	27315 TUES	27391 WED	THURS	37547 FRI	37631 SAT	SUN
DATE	IVION	18	19	20	21	33	23
INFLU#	1111111			42108	42216	43327	42421
41666 FLOW	41772	41889		124	108	106	94
EFFLU #	100	9.50	95	9010	90,93	8993	4065
8477	600	7065 1	7 199	0010	001	100	
FLOW ELER RAIN	90	105	87	20	83	0	72
	10	6/0	1,00	700	710	(60	73°
TEMP	670	680	100	LUENT	-/10	68°	/3
					170	74	7/
PH	7.4	7.5	7.4	174	1.5	1	7.4
DO	6.2	6.1	6.7	0.1	6.3	6.3	6,3
			LOWER P	UMP STATION	-		
DEPTH	3.0	5.6	2.2	34	1.9	2.5	3.7
#1 HRS	939.2	947.5	945.1	965.5	968.4	970.8	973.4
HRS RAN	2.9	3,3	200	20.4	2.9	2.4	2.6
#2 HRS	870.4	873.4	875.8	1876.2	879.1	852.0	864.5
HRS RAN	3.0	3.0	2.4	11.4	12.9	9.9	2.5
	The state of the s	·	UPPER P	UMP STATION			
DEPTH	2.0	2.1	2.2	2.1	2.3	2.2	3,6
#1 HRS	488.9	490.5	491.7	492.9	494.4	495.8	497.1
HRS RAN	1.5	16	1.7	1,2	1.5	1,4	1.3
#2 HRS 505.7	507.2	508.8	510,1	511.2	512.7	514.2	515.5
HRS RAN	1.5	1.6	1.3		1.5	1,5	1.3
L. L		1	U	V LIGHT			
#1 HRS				T -	T		1 -
#1 INTEN		-		1			
#2 HRS	5357	5381	5405	5429	5453	5476	5502
#2 INTEN	4.0	2.6	2.1	1.0	11.1	1.5	1.3
	10			SBR 1			
MLSS							
L				SBR 2			
MLSS	3567121				0 3600045	76089	01 3617

MONTH JULY

YEAR 2023

DAY OF WEEK	28334 MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	31						
INFLU #	43192				3		
FLOW	90						
EFFLU#	9499						
FLOW	72					-	
RAIN	0					-	
TEMP	610		1	FFLUENT			
			-}	PPEDENT	7	1	1
PH	7.4						-
DO	6.7		LOWER	PUMP STATION			
			DWEK	PUMP SIATION		т	1
DEPTH	2.5						
#1 HRS	993.8					_	-
HRS RAN	2.41						_
#2 HRS	904.9						1
HRS RAN	3.3		110050	PUMP STATION			
			UPPER	PUMP STATION			
DEPTH	3.4						
#1 HRS 500-6	507.4						
HRS RAN	1.0						
#2 HRS	524.0						
HRS RAN	1.1			UV LIGHT			
	APPLACE AND DESCRIPTION OF THE PROPERTY OF THE			O LIGHT			
#1 HRS							
#1 INTEN							
#2 HRS	5693						
#2 INTEN	4.7			6001			
				SBR 1			
MLSS				SBR 2			

MONTH AU	28324	28394	YEAR 205 28459	28533	28406	28650	28750
AY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE		j	2	3	4	5	6
INFLU #	43192	43281	43367	43461	43554	43650	43741
FLOW		89	80	94	93	96	91
EFFLU#	9699	9771	9839	9904	9983	60118	129101
FLOW		72	48	65	79	135 EST.	69
RAIN		0	0		0	1.80	0
TEMP		570	560	610	660	72°	76°
				LUENT			
PH		7.5	7.4	7.4	7.5	7.4	7.4
DO		6.2	6.1	6.2	16.1	6.2	6.2
			LOWER P	JMP STATION			
DEPTH		2.9	12.4	2.3	2.3	2.3	3,3
#1 HRS	993.8	996.2	998.5	1001.1	1003.5	10661	1608.5
HRS RAN		2.4	2.3	2.60	2.4	2.4	24
#2 HRS	904.9	907.3	909.4	911.7	914.3	916.7	919.0
HRS RAN		2.3	22	1 2.3	2.6	2.4	2,2
			UPPER P	UMP STATION			
DEPTH		2.2	12.1	2.1	2.1	2.2	2.5
#1 HRS	5076	508.9	510.0	11.0	512.6	513. 4	515.1
HRS RAN		1.3	1.1	1.3	1.3	1.3	1.2
#2 HRS	526.0	527.2	528.4	529.7	530.9	532,2	533.5
HRS RAN		1.2	1.2	1.3	1.2	1,3	1.3
				IV LIGHT			
#1 HRS		T-	T			l	
#1 INTEN		1-	1	1			1
#2 HRS		57.7	5740	5765	5789	5814	5838
#2 INTEN		4.6	4.1	4.3	4.3	4.7	4.9
	L	1		SBR 1			
MLSS							
				SBR 2			
MLSS]				16 3709595	071	1

MONTH AU	28839	28956	29 019	39086	29152	29270	2471
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	7	8	9	10	11.	12	13
INFLU#	43850	43985	44069	44156	44245	44336	44430
FLOW	109	13.5	34	87	89	41	94
EFFLU#	2084	3217	4027	4698	5374	6688	6801
FLOW	110 85%	1133	819	671	674	654	773
RAIN	150	.40	0	0	.10/	0	1,4"
TEMP	730	160	62°	do	630	740	72°
				WENT			
PH	7.5	7.4	7.5	7.5	7.4	7.4	7.4
DO	6.1	6.3	6.2	63	6.1	6.2	60.2
	•		LOWER PU	IMP STATION			
DEPTH	3.1	18	2.4	2.9	35	2.0	1.7
#1 HRS	1011.7	1015.7	1017.9	1020.1	1022.4	1024.8	1027.3
HRS RAN	3.2	4.0	2.2	2.2	2,3	2.4	2,5
#2 HRS	921.8	925.0	927.1	929.3	931.5	933.8	936.1
HRS RAN	2.8	3.2	2.1	2.2	2.2	2,3	2,3
	0		UPPER PL	JMP STATION		•	
DEPTH	2.1	2.1.	12.1	3-0	2.1	2.1	2.1
#1 HRS	516.6	518.5	519.6	520.8	521.9	523.2	524.5
HRS RAN	1.5	1.9	1-1-1	1,2	11.1	1.3	1.3
#2 HRS 503.5	53510	536.8	538.0) 539. 2	540.4	571.6	542.9
HRS RAN	1.5	1.8	1.2	1.2	1.2	1.2	1,3
			U	V LIGHT			
#1 HRS			T	1-	T		
#1 INTEN		1		1 -		1-	_
#2 HRS	5861	5885	5909	5933	5957	5982	6004
#2 INTEN	4.1	3.4	3.9	36	3.4	4.0	4.5
	1 1	1 0 . 1		SBR 1			
MLSS							
L. C.				SBR 2			-
MLSS						378001	16 37974

MONTH A	30085		YEAR 20,	23	30442	30523	30586
DAY OF WEEL		TUES	WED	THURS	FRI	SAT	SUN
DATE	21	22	23	24	25	26	30N
INFLU# 45309	45413	45540	45660	45758	45871	45 476	46060
FLOW	104	147	100	98	113	105	84
EFFLU#	14805	16020	16823	17542	18230	19100	19753
FLOW	731	1315	808	7/8	688	870	653
RAIN	0	0	0	5	.50	.10	0
TEMP	620	450	55°	660	480	770	67°
				LUENT			1 07
PH	7.5	7.5	7.4	7.4	7.5	7.5	7.5
DO	4.3	6.7	6.	6.2	6.3	6,3	6.3
			LOWER PU	IMP STATION			
DEPTH	28	1.9	1.7	3.3	1.9	2.8	28
#1 HRS /057. @	1054.6	1059.3	10619	1064.3	1067.5	1020 4	1072.6
HRS RAN	2.8	4.7	2.6	2.4	3.2	2.9	2,3
#2 HRS 958.9	961.7	945.7	967.6	969.9	972.4	975.1	477.3
HRS RAN	2.8	3.5	2.4	2.3	2.5	2.7	2.9
			UPPER PU	MP STATION			
DEPTH	2.1	2.7	2-1	3.0	2.1	2.3	2.2
#1 HRS 534-1	538.(540.1	541.4	542.7	544.2	545.6	546.8
HRS RAN	1.4	2.0	1.3	1.3	1.5	1,4	1,2
	556.5	558.5	559.9	561-2	562.7	564. I	565.2
HRS RAN	1:5	2.0	1.4	1.3	1.5	1.4	[.]
			UVI	LIGHT			
#1 HRS		-					
#1 INTEN	_				_		
#2 HRS	6197	6920	6245	6268	6293	6318	6341
#2 INTEN	4.0	3.6	2.6	2.5	2.3	2.5	2.2
			Sa	R1			
MLSS			A	R 2			
MLSS	1		SB	n 4			
	855250	3863705	2872010	388014	2688888	3898844	3106613

ONTH AUC	301002	30757	YEAR 202 30856	30930	30995		1
AY OF WEEK	MON	TUES	WED	THURS	FR	SAT	SUN
DATE	282	29	30	31			
INFLU#	46157	46275	46394	46493	16584		
FLOW	97	118	119	99	91		
EFFLU#	20431	2137	2216	2308	2377		
FLOW	45	94	79	92	69		
RAIN	0	0	.50	0	1100		
TEMP	680	000	68°	610	48		
			EFF	LUENT		T	
PH	7.5	7.5	7.6	7.6	1-5		
DO	612	6.1	6.1	6.3	6.2		
			LOWER P	UMP STATION			T
DEPTH	1.8	3.5	2.5	2.0	3.4		
#1 HRS	1075.3	1078.6	1082.5	1085.0	2 1087.4		_
HRS RAN	2.7	3.5	3.7	21	2.3		
#2.HRS	979.9	982.7	1985.	7 988.3			
HRS RAN	2.6	2.8	3.0	A STATE OF THE PARTY OF THE PAR	2.2		
1			UPPER	PUMP STATION			
DEPTH	2.2	2.9	2.8	2.4	2.4		
#1 HRS	548.1	549.6	551.)))4-		3	
HRS RAN	1.3	1.5	1-7	1 , , ,	The second secon	2	
#2 HRS	566.6	568-2	569.8		Pi	3	
HRS RAN	1.4	11.6	1.7	The state of the last of the l	3 10	4	
	1			UV LIGHT			
#1 HRS							
#1 INTEN							
#2 HRS	6365	6390	641				
#2 INTEN	2.1	5.7	1 7		3 6.3	A CONTRACTOR OF THE CONTRACTOR	
	Clean			SBR 1			
MLSS	1/600			SBR 2			
MLSS	20	1762	2 20222	-1. 902	209 39810	15	

MONTH SEPT

YEAR 2023

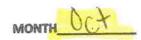
						3106 %	31190
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE						2	3
INFLU #					46584	46676	40766
FLOW					91	42	40
EFFLU #					2377	3447	2517
FLOW					69	70	70
RAIN					0	0	0
TEMP					480	640	71°
***************************************	because the second	(entropy entropy experience above en	EF	FLUENT	1		
PH		P Se a Principal de la Constanción de la Constan			7.5	7.5	7.5
DO					6.3	لي عا	6.3
			LOWER P	UMP STATION			
DEPTH	T			1	3.4	2.0	2.0
#1 HRS					1087.4	1089.8	109a.3
HRS RAN					2.2	2,4	2.4
#2 HRS					990.4	992.7	994.8
HRS RAN					2.2	2.3	2.1
	i — axioni i i i i i i i i i i i i i i i i i i		UPPER P	UMP STATION			
DEPTH	T				2.4	2.1	22
#1 HRS					553.8	555.0	556.2
HRS RAN		ANNUAL AN			1.1	lia	1.3
#2 HRS					572.3	573.5	574.7
HRS RAN					1.3	1, 2	1,2
			U	V LIGHT			
#1 HRS		AND					
#1 INTEN		The second secon			T		
#2 HRS					6461	6485	4507
#2 INTEN			1		6.3	5.9	5.5
				SBR 1			
14.00							
MESS			The second secon				
MCSS			20 00 00 10 00 00 00 00 00	SBR 2			

	31200	31274	YEAR 203 31339		31492	31555	3/6/8
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	4	5	6	7	8	9	10
INFLU#	Hosled	44956	47044	47/38	47252	47339	47425
FLOW	90	94	38	94	114	87	86
EFFLU#	3580	2657	2721	2782	2867	2929	2993
FLOW	109	7/	64	61	85	62	64
RAIN	10	0	0		.50	D	0.40
TEMP	790	1000	100	68	(08°	72°	710
		1	EFF	LUENT			
PH	75	7.4	7.4	7.5	7.4	7.3	7.4
DO	6.2	6-2	10 1	10.3	6.2	6.3	6.1
		0.01	LOWER PU	IMP STATION		0.0	
DEPTH	71	2.4	2.0		119	27	2.3
#1 HRS	1094.6	1097.3	1099.5	1101.8	1104.8	11071	11/4/
HRS RAN	and the second second	2.7	313	3.3	3.0	1107.0	2101.1
	2.4	999.8	1			2-2	グル
#2 HRS 994.8 HRS RAN	7		1002.0	1004.4		1009.0	2011-
1113 1011	2.5	2.5	UPPER PU	MP STATION	1 23	Z-1	2-1
			Γ			DONEL VI	
DEPTH	2.6	2-8	2.4	2-2	2.2	4-0	2.2
#1 HRS 556.2	557.5	558.	559.9	561.2	562.6	563,5	56A.6
HRS RAN	1.3	1.2	1.9	1.3	1.4	0.9	1-1
#2 HRS 574.7	576.0	577.5	578.4	1579.7	581-1	582.1	583.2
HRS RAN	1.3	1.3	1.1	1.3	1.4	1.0	1-1
			UV	LIGHT			
#1 HRS	<	_			_	_	_
#1 INTEN			5				
#2 HRS	6534	6557	10580	6604	6629	6653	6677
#2 INTEN	5.7	5.0	4.7	4.7	4.5	4.4	4.1
L	<i></i>			BR 1	1 /		1-4
MLSS							
		ł	5	BR 2		1	
MLSS						1	

MONTH 5E	PT		YEAR 20	13			
DAY OF WEEK	51719	31786	31850	31929	31991	32052	32112
DATE	MON	TUES	WED	THURS	FRI	SAT	SUN
	1/1	12	13	14	15	16	17
INFW#	47553	47641	47727	47831	47921	48006	48095
FLOW	128	88	86	104	90	85	89
EFFLU# 2993	3008	3152	3212	3272	3350	3411	3470
FLOW	75	84	60	60	78	61.	59
RAIN	.20	0	.20	0	0	0	0
TEMP	660	62°	640	53°	460	43°	570
			EFF	LUENT			
PH	7.5	7.5	7.5	7.4	7.5	7.4	7.4
DO	6.2	6.1	6.2	6.2	6.1	6.1	6.2
			LOWER PU	IMP STATION			
DEPTH	2.2	3.0	2.3	2.3	3.7	1.6	3.1
#1 HRS	1112.5	1144.8	1117.0	1119.7	1121.8	1123.8	1125.8
HRS RAN	3.4	2-3	2.2	2.7	2.1	2:0	2.0
#2 HRS	1014.1	1016.3	101814	1020.7	1022.7	1024.8	1026.8
HRS RAN	31	2.2	2.1	12.3	2.0	2.1	2.0
			UPPER PU	MP STATION			
DEPTH	2.3	2.4	2.2	2.7	2.5	2.3	2.1
#1 HRS 564.6	566.3	547.5	5686	570.0	571.1	572.2	5733
HRS RAN	1.7	1-2	11/	1.4	1./	1.1	1.1
#2 HRS	5850	586.1	537.3	588.6	589.8	590.9	5920
HRS RAN	1.8	1.1	1.2	11.3	1.2	1.1	1.1
		Samuel and the same	UV	LIGHT	- har river and the same		
#1 HRS	· · · · · · · · · · · · · · · · · · ·			1 —]	
#1 INTEN	_		-	T	1	-	
#2 HRS	Cerul	6724	6749	6773	6797	6821	6845
#2 INTEN	3.8	35	3.5	3.3	2.0	3.0	2.9
				BR 1			1
MLSS		Ī		T		T	Tage of the same o
	Annual Control of Control	-	S	BR 2			
	-	-	_		1		-

MONTH SE	PT		YEAR 202	3	22-	23/11	004.61
DAY OF WEEK	24070	32316	32375 WED	32 454	<i>3</i> 2537	32611	32661
DATE		TUES	20	THURS	FRI	SAT	SUN
	18	1000		21	22	23	
1NFLU # 48095	48344	48356	48441	48552	48665	48772	48865
FLOW	149	112	85	111	113	107	93
3475	3558	3663	3728	3792	3865	3941	4011
FLOW	88	10.5	65	64	73	76	70
RAIN	1.4"	0	0	0	\bigcirc	,10	,90
TEMP	59°	510	490	530	560	56°	59°
		Assessment of the same recent constraints	EFFI	UENT			
PH	7.5	7.5	7.4	74	7.5	7.5	7.5
DO	6.3	6.1	602	6.1	6.2	6.2	6.2
	X		LOWER PU	MP STATION			
DEPTH	34	1.9	2.2	2.0	2.0	2.	22
#1 HRS	1130.1	1133.0	11350	1137.5	1140.3	1142.9	1145.3
HRS RAN	4.3	2.9	9.0	2.5	2.5	2.6	2.4
#2 HRS /C26.8	1020.5	1033.1	1035.0	1037.8	10403	1042.8	1045.1
HRS RAN	2.7	2.6	1.9	2.8	2.5	65	2,3
		:	UPPER PU	MP STATION		Annual Company	
DEPTH	2.1	2.1	2.2	12.1	2.2	2.0	2.1
#1 HRS 572.3	575.2	576.6	5777	579.1	5806	581.9	583.1
HRS RAN	1.9	1.4	1:1	1.4	1.5	1,3	1.2
#2 HRS 592.0	5939	595.4	596.5	597.9	599.3	600.6	601.8
HRS RAN	1.9	1.5	1.1	1.4	1.4	1, 3	1.2
			Assessment Company of the Company of	DEHT	1 / / /		
#1 HRS	_				2459	2685	2706
#1 INTEN					8.5	7.3	6.3
#2 HRS	6869	6893	6915	6941			-
#2 INTEN	3.1	2.3	1.8	2.1			
		1	Andrew Control of the	BR 1	1	L	1
MLSS							
			S	BR 2			
		I	1	1	T	T	T

MONTH 5E	23.13.5 23.13.5	31971	YEAR 3-3	53143	33222	33278	
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	25	26	27	28	29	30	
INFLU #	U905a	49224	49345	49461	49569	49672	
ROW	187	172	121	116	108	103	
EFFLU #	1447	4267	4361	4443	4528	4599	
FLOW	134	120	94	82	85	71	
RAIN	12	.30	201	0	610	10	5
TEMP	59°	56°	540	1/50	570	1001	
			EFFU	UENT			
PH	7.4	7.5	7.5	7.5	7.4	7.4	
DO	6.3	6.2	6.2	6.1	6.2	63	
			LOWER PU	MP STATION			
DEPTH	SETA N	17	26	3.1	13.3	3,3	SP8
#1 HRS	1150.8	1155.1	1158.2	1/61.1	1163.8	1166.5	478
HRS RAN	5.5	4.3	3.1	2.9	2.7	2.71	
#2 HRS	10503	1054.7	1657.5	1060.3	1063.0	10655	
HRS RAN	5.2	44	2.8	2.8	12.7	2.5/	
		1	UPPER PU	MP STATION	ada an air an an air		
DEPTH	22	2.2	2.2	2.8	2-1	2.4	
#1 HRS	585.5	587.7	589.1	5906	592.0	593,2	
HRS RAN	2.4	3.3	1.4	1.5	1.4	1, 2	
#2 HRS	604.3	606.4	007-9	609.4	610.7	612.0	
HRS RAN	2.5	2.1	1.5	1.5	1.3	1,3	
		1 200	A CONTRACTOR OF THE PARTY OF TH	UGHT	Call Control of the C		
#1 HRS	2731	2755	12778	2803	12827	2851	
#1 INTEN	4.9	5.1	Le.7	7.8	149	6.8	
#2 HRS						-	
82 INTEN	-						_
			S	BR 1			1
MLSS					1		
			S	BR 2			
MLSS	419871	4124001			4134794	-11382QA	1



YEAR 2023

33385

DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	MON	TUES	WED	Inuks	FNI	301	1
							44784
INFLU#						-	
FLOW							117
EFFLU#							4684
FLOW							85
RAIN							0
TEMP							680
	L	L	E	FLUENT		, Lu, , , , , , , , , , , , , , , , , ,	
PH							7.4
DO							6:3
			LOWER	PUMP STATION			
DEPTH		1	T		T	1	2.8
#1 HRS			 	_	-	-	
							1169.5
HRS RAN				_	<u> </u>		3,6
#2 HRS							1068.
HRS RAN							3.0
			UPPER	PUMP STATION			
DEPTH							2,3
#1 HRS							544.8
HRS RAN		1					1.6
#2 HRS				-			613.5
HRS RAN					-		î,5
				UV LIGHT			
#1 HRS				T	T	T	2877
#1 INTEN		-	-		-		5,8
		-					7,0
#2 HRS						-	+=
#2 INTEN							
				SBR 1			
MLSS				SBR 2			
MLSS					1		414213

MONTH 0C	33460	33575	YEAR 202 331046	3			
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	a	3	4	.5	6	7	8
WELD #	49890	50031	50128				
FLOW	101	141	97				
EFFLU & YGBY	4164	4865	4938				
FLOW	80	101	63				
RAIN	0	0	0				
TEMP	57°	570	54°				
				UENT			
PH	7.5	7.5	7.4				
DO	6.2	6.1	6.2				
			LOWER PU	MP STATION		*	
DEPTH	2.0	3.1	201				
#1 HRS	1172.2	1175.4	11778				
HRS RAN	2.7	3.2	2-4	y			<u> </u>
#2 HRS 10108.5	1071.0	1075.6	1077-9				
HRS RAN	2.5	4.6	2.3	V			
			UPPER PU	MP STATION			1
DEPTH	2.0	2.2	2.1				
#1 HRS 594.6	596.1	598.0	599.2				
HRS RAN	1.3	1.9	12				
#2 HRS (013.5	614.9	616.7					
HRS RAN	1.4	1.8	1.3			1	
		7		LIGHT.			
#1 HRS	2899	2923	2947				
#1 INTEN	4.4	3.7	3.9				
#2 HRS			1				
#2 INTEN							
			, s	5BR 1		1	
MLSS				5BR 2			1
MLSS		1		1			T
19123	:1:1502 }	MIL-OLLI)	1/11-32-06				

4145031 4160411 4167329

MONTH OCT

YEAR 2023

MONTH_U	T-		YEAR JUG	2			33385
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE					-		-
INFLU#					1.1		49789
FLOW					= =		117
EFFLU#						- vi	4684
FLOW							85
RAIN						THE STREET, THE ST	0
TEMP							680
	**************************************		EFFLU	ENT		·····	- *
PH							7.4
DO							6:3
· · · · · · · · · · · · · · · · · · ·	1		LOWER PUN	P STATION	<u> </u>		L
DEPTH							2.8
#1 HRS							1169.5
HRS RAN							3,0
#2 HRS							1068.5
HRS RAN				and the second s			3,0
	2.	3.	LOWER PUN	IP STATION	6.	7.	8.
DEPTH	2.0	3.1	2.0	2.4	3.5	2.4	۵.۱
#1 HRS	1172.2	1175.4	11778	1180.3	1182.5	1185, 2	1187.9
HRS RAN	2.7	3.2	2.4	2.5	a. 2	2.7	ר,ג
#2 HRS	1071.0	1075.6	10779	1080.4	1002.5	1085.0	1687.7
HRS RAN	2.5	4.6	2.3	2.5	2.1	2.5	2.7
	9.	10.	LOWER PUR	AP STATION	13.	14-	15.
DEPTH	19	2.0	2.8	2.7	2.8	1.8	3.5
#1 HRS	1190.6	1191.5	1193.6	1195.6	1196.7	1145.9	1208.9
HRS RAN	2.7	0.9	2.1	3.0	1.1	2,a	4 .0
#2 HRS	10904	1091.2	1193.2	1095.1	1096.2	1098.4	1102.3
HRS RAN	2.7	0.8	2.0	1.9	LL	2.2	3.8
	1 0			P STATION			
DEPTH	2.1	2.8	2.1	2.5	2.1	22	3.0
#1 HRS	605.6	607.4	608.6	609.6	610.7	611.7	613.8
HRS RAN	1.3	1.8	1.2	1.0	1.1	1.2	1.9
#2 HRS	624.6	626.3	627.5	628.60	629.0	630.4	6388
ME INCH							

MONTH DC	T		YEAR 20	23		3	
DAY OF WEEK	34613	34700	34796	34861	<u>34929</u>	35606	35074
DAT OF WEEK	101010	TUES	WED	THURS	FRI	SAT	SUN
	16	17	18	19	20	الخ	23
1NFLU # 5/301	51425	51549	51784	51948	52060	52166	52261
FLOW	124	134	235	164	112	106	45
EFFLU# 5741	5828	5900	5989	6051	6115	6185	6253
FLOW	87	78	83	62	64	70	67
RAIN	0	0	0	0	Ø	10	٥
TEMP	450	43°	42'	37°	56°	57°	50°
			EFFI	WENT	,	Lovern	
PH	7.5	7.4	7.5	7.5	7-4	7.4	7.4
DO	6.4	6.0	6.3	6.4	6.5	6.5	6.5
	16.	<i>1</i> 7.	LOWER PU	MP STATION	20.	al.	22.
DEPTH	3.7	2.1	2.9	1.5	128	3.1	3.4
#1 HRS	1205.8	1209.1	1212.2	1214.5	<u> </u>	1219.5	1221.9
HRS RAN	2.9	3.3	3.1	2.3	2.4	3,6	2.4
#2 HRS	1106.)	1108.9	1111.6	1113.9	1116-1	1118,5	11a0.7
HRS RAN	3.9	2.7	2.8	2.3	9-2	2.4	2.2
	23.	24.		MP STATION	27.	28.	29.
DEPTH	1.6	3.4	1.5	2.6	2.5	2.6	3.5
#1 HRS /321.9	1224.3	1227.0	1229.3	1231.6	1234.2	1236.4	1239.6
HRS RAN	2.4	2.7	2.3	2.3	2.6	3.4	2.4
#2 HRS	1123.0	1127.2	1129.3	1131-6	1133.6	1135.8	1138,3
HRS RAN	2.3	4.2	2.1	2.3	2.0	a.a	2.5
-		31.		MP STATION			
DEPTH	30.	2.8					
#1 HRS	1241.4	1243.7					
HRS RAN	2.4	2.3					
#2 HRS //35.3	1140-6	1142.8					
HRS RAN	4.3	2.2					
	<u> </u>	00	UPPER PUR	AP STATION		<u> </u>	<u> </u>
DEPTH	2.7	2.8					
#1 HRS	632.8	633.9					
HRS RAN	1.1	1.1					
L				<u> </u>	<u> </u>		

- 1 8 1 NARR	L.1 8.1	5.1	0.1	0.1	0.1	0'1
		9.169	A STATE OF THE PARTY OF THE PAR			9.2 Ca
- 1 C . 1 NAS	L. 1 C. 1	h- /		0.7	p.0	1'1
0.940 SAH.	1.020 0.940	1'CSO			1:559	E. Jeo.
1.6 1.6 HTM	3.1 2.1	1.8	3.0	8-3	68	3.1
	•	мэмел Преви	NOTTATE 9MU9	0 1		
2. 8 2. 8 NARS	5.8 5.8		6.1 8	67	<u> </u>	61
SELII 4 OF II P.F.	P.ETII 4 DTI	SLII		5.PTII 0		1.5811
	0.h 9.8	1.8	1.8:	67	8.1	9'0
Prel 0.2761 PER	1.8781 J.279.	1.883.	1384	-	& LEE!	5' b8'e1
P. C. C. HIG	p. C & C	5.6	p.E	13.7	2.8	3.5
.81 .8.		LOWER	NOTIVIS AMUN	21	.81	.6/
	0.6 4.6	2.8		8-1	9.0	ź'1
.8211 2.2211 SAH	1.8211 2.2211	10011	8.6011	0.49/1	0.9911	
	The second secon	8.8	1.8	1.1	1'8	2.6
tole 2.925/ 0.72	1908 5.9281	1304	p. गाटा	5.3987		
8.1 S.S HT		0.5	0.8	0.1	3'0	9,8
2 9	2 9	LOWER P	NOTATE SMU	-01	.//	19.
SAI		b'hh11	O. LHII	8.P411	1.121.1	1.53.1
NAS		6.6	8.8	6.8	٦'١٦	שיו
SA		b.5461	1.8481	8:05%	5' 45'E1	0'6561
HI		0.1	1.8	5.1	77	1'6
		LOWER P	NOTATE MAL	3°	- p	٠.5
		2, L	1.8	6. L	6°L.	82
		O.L	5'6	96	57	5'L
		1 13	LUENT	h		
dW		340	33°	000	,Sh	1915
NI		Q	0	0	0	0
MC		19	95	4.9	St	75
1989 um	1389	1891)	LL69	1504	181L	E817
Mo		48	06	L8	241	58
# 01		45,65	2688	EIHES	23223	81785
31		1	2	3	カ	5
WEEK MON TUES	MON TUES	WED WED	ZAUHT	FRI	TAS	NOS

M
#S II
Z#
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9	h'1	6.1	E7	L.1	VI	5 7	L-7	MAS RAW
	5.117	1014	P.807	TLOL.	6.90L	970L	1.207	P-OT
	٤.١	£.']	57	27	87	5 7	LT	NAR 28H
	(J.192)	4.00g	1.933	3739	1.380)	8.133	4.883	SAH T#
	7.6	9.1	1-6	34	Ol	0.5	7.8	DEPTH
		Y		MOTTAT2 91	AU9 8399U			
	9.5	h'c	4.6	LP	タで	3.6	P.E.	HRS RAN
	T. EZG.1	1.02.61	LLHET	1745.3	9 (1)(7	13400	6.12.El	8-8-81
	7.8	4,5	7.8	18:	L.S.	3,0	7.5	HRS RAN
	1361. 4	13261	T. SEI	7551	80981	27721	J. 4/E1	28H I# 0.17£1
	€,٤	6.8	C.E	LE	1.6	3.5	9-3	нтчэа
	27	.95	'57	NOTTATE OF	TOWER PUR	.67	.17	
	8.3	ا ع	8.8	0.8	1.6	1.4	h. C	NAS 28H
11 12	13338	3,15,61	5.0861	S'Let/	9.2661	1.6661	5,9161	% SHR S#
× ·	2,3	k'I	6 6	Q · C	6.6,	3.8	9.6	NAR ZAH
	1341.0	T.88E/	ELEEI	4.4881	4.6651	દ.સદા	ti LEEI	#1 HBS
	5'1	9.5	Q.b	8.6	4.6	8.6	9.6	HTT430
	70.	ъ	.8	MOSTATE 41	TOWER PUR	`3	4.	
	6.6	6.6	0.8					MAR 28H
1 #	57181	T.HIEL	5.6161	S'arel				#2 HBS
	6,5	8,3	8.1					MAR 2RH
	8.4681	13356	80681	1.818.1				#I HKS
	P. 8	2.3	6.1					HT430
	3.	J.	.1	NOTTATE 41	TOMES PUR			
	1'5	1.6	1.9					DO
	2.7	5.7	S.T					На
				JENT	nasa ereu	ı		Nikalanjana nika sa
^; - *;	005	7130	330		-			TEMP
	95,	"U.,	Q					NIAR
	5.5	(7)	85					FLOW
	LE68	h & 88	1888	6768				# N1±±3
	Lb ·	5b	98	-				FLOW
	E1495	, - ,	15603	EE195				INLFN *
	8	e	1					3TAG
	NOS	TAS	87878 37878	SAUHT	MED	SBUT	NOW	DAY OF WEEK
	\$ 3088	hhil E	0-06	8	YEAR JOS	26) SQ HTNOM

MONTH DE	39369	39436	YEAR 202 39575	3 39685	<i>3</i> 97 <i>8</i> 2	39878	34975
DAY OF WEEK	MON	TUES	WED	THURS	FRI	SAT	SUN
DATE	18	19	20'	21	22	23	24
INFLU# 57871	58062	58957	50422	58659	58698	58823	58949
FLOW	191	195	165	137	139	125	136
EFFLU#	7552	238242	355/35	166381	550196	650244	735543
FLOW	170	EST-169	168	112	83	100	85
RAIN	2.4	e	Ø	B	8	0	,10
TEMP	49°	36°	320	336	33°	37"	44°
			EFFL	UENT			
PH	7.3	7.3	7.4	7.3	7.3	7,3	7.4
DO	8,3	8.	8,3	6.0	6.0	6.0	6.1
*	18.	19.	LOWER PU	MP STATION	22.	23	24.
DEPTH	3-1	2.3	1-6	1.9	2-0	3,6	2.6
#1 HRS 1361.9	1369.5	1375.7	1380.3	1384.0	1387.7	1391.0	1394,4
HRS RAN	7.6	6.2	4.6	3.9	-3.5	3,3	3,4
#2 HRS 1252.7	1257.1	1262.2	1266.4	12699	1273.1	1276.3	1274.6
HRS RAN	4.4	5.1	2.2	3.5	3.2	3. J	3,3
	25.	26.	LOWER PU	MP STATION 28.	29.	30.	31.
DEPTH	3.7	2.2	3.0	1.6	2.4	2.2	3.1
#1 HRS 1394.4	1397.3	1401.3	1405,2	1408.9	1412.1	1415.4	1418.9
HRS RAN	2.9	4.0	39	3.1	3.2	3,3	3,5
#2 HRS	1282.2	1285-1	1289.2	12926		1294.1	130a.3
HRS RAN	2.6	2.9	4.1	3.4	3.5	3.0	3,2
			UPPER PUI	MP STATION		<u> </u>	<u> </u>
DEPTH	2.3	22	2.8	22	122	2.0	2.3
#14RS	707.2	708.0	710.9	7127	714.3	715.4	717.6
HRS RAN	1.3	I.6	2.1	1.8	1.6	1,6	1.7
#2 HBS	797.0	728.7	730.6	732.4	734.1	735.7	737.4
HRS RAN	1.4	1.7	1,9	1.8	17	عا . ا	1.7
				цент			L
#1 HRS	4917	4940	4964	4989	5012	5036	5061
#1 INTEN	1-8	1.7	2.2	1.4	1.5	1.0	
#2 HRS					-		-
#2 INTEN	~			~			

MAINTENANCE MONTH JAN 23

DATE	UPPER PUMP	LOWER PUMP	BLOWERS	UV
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2				
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6				•
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8				
9				
10				
11				
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13	GREASE/Check -			clean bulbs bank # 2
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MAINTENANCE MONTH FEB 23

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MAINTENANCE MONTH MARCH 33

DATE	UPPER PUMP	LOWER PUMP	BLOWERS	UV
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MAINTENANCE MONTH APPL 23

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22				*
23				#
24				
25				-
26	GREASE	GREASE	Tighten builts Digester/GREASE	
. 27			10000	
28				
29		7		
30				
31				

MAINTENANCE MONTH MAY 23

DATE	UPPER PUMP	LOWER PUMP	BLOWERS	uv
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12	GREASE	GREASE	GREASE CHECK al	
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MAINTENANCE MONTH June 23

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29~		1		
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MAINTENANCE MONTH July 23

DATE	UPPER PUMP	LOWER PUMP	BLOWERS	UV
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21	GREASE	GREASE	GREASE, CHECKOIL 4 Belts	
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MAINTENANCE MONTH AUG 23

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MAINTENANCE MONTH SERT 27

DATE	UPPER PUMP	LOWER PUMP	BLOWERS	UV
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MAINTENANCE MONTH OCT 23

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18				
19				clean bulbs
20	GREASE/CharBe	ts		
21				
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. 27				
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29		7		
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31				

MAINTENANCE MONTH NOV 23

DATE	UPPER PUMP	LOWER PUMP	BLOWERS	UV
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16				
17	GREASE/Check	Belts		
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29		7		
30				
31				

MAINTENANCE MONTH DEC 23

DATE	UPPER PUMP	LOWER PUMP	BLOWERS	UV
1				
2				
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4				
5	GREASE/Chec	K Belts	>	Clean bulbs
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ATTACHMENT D: Sewage Sludge Management Inventory





SEWAGE SLUDGE MANAGEMENT INVENTORY

As a part of the 2022 Wastewater Treatment Plant Upgrades Project, the previously existing treatment tanks were repurposed into Aerobic Sludge Digestors. The tanks were updated with new coarse bubble diffusers and were reconnected to the headworks of the plant for RAS purposes. Sludge to be disposed is pumped and hauled from site after decanting from the repurposed Aerobic Digestors to thicken sludge.

The total dry tons of sludge hauled off site in 2023 was 13.949 tons.

SLUDGE (GENERATION CALCULATION	
Facility Name: Halifax Wastewater Treatment	Plant	
Permit Number: PA0024457		
Date of Calculation: 3/19/2024		
Doguiro	d Information For Calculation	
Average Daily Flow (mgd): 0.0841	d Information For Calculation Digester Capacity (ga	al): 131000
Influent BOD (mg/l): 239	%Solids of Outgoing Sludg	
Effluent CBOD (mg/l): 5.4666667	Monitoring Period (day	<u> </u>
, <u></u>		
Waste Place an "X" in the box beside the corresponding treatme	water Treatment Processes on process. Select a maximum of Primary Clarific	cation and one other treatment process.
Primary Clarification	Contact Stabilization	RBC 🔀
Conventional Activated Sludge	SBR x	ABF 🔲
Extended Aeration	Trickling Filter	Small Plant with low SOR
		(<500 gpd/sq ft)
	perational Information	
BOD Removed (lbs/day): 164	TSS Removed (lbs/da	ay): 139
	Digester Information	
	Type of Digester	
_	box beside the corresponding treatment process.	<u> </u>
Aerobic Digestion x	Anaerobic Digestion	None
Sludge Feed Rate to Digester	rs (gpd): 2781.3622	
Digester Hydraulic Detention Time	· · · · · · · · · · · · · · · · · · ·	
Estimated Total Solids Reduct	tion (%): 0.4	
dry lbs/day 84	Sludge Generation wet lbs/c	day 5219
dry tons/monitoring period 15	wet tons/monitoring per	
gal/day 626	gal/monitoring peri	
g s.s.y	gammama p p a m	
	ported as Being Generated by th	ne Facility
wet tons/monitorin	g period U OR	
dry tons/monitorin		
	ne of the above values. The remaining value shou	
Is the amount reported by the generator		
	NO explanation	on:
What type of information was used to calculate	te the above information: 2023 D	MR Supplemental Reports
	Dates used: <u>01.01.2</u>	TO 12.31.23
Name of person pe	erforming the calculation: Erica Li	uongo

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and Sewer Authority		JANUARY	2023
Municipality:	Halifax Borough	County: Dauphin	NPDES Permit No	. PA 0024457
Watershed:	6-C		This permit will ex	xpire on April 30, 20

☐ Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge / Biosolids Hauled Off-site			Dewatered Sewage Sludge / Biosolids Hauled Off-site			Sewage Sludge / Biosolids Dewatered and Incinerated On-site				
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
1/11/23	5,300	1.8	X 0.0000417	0.398			X 0.01				
1/11/23	5,300	1.8	X 0.0000417	0.398			X 0.01				
1/11/23	5,300	2.0	X 0.0000417	0.442			X 0.01				
1/11/23	5,300	1.5	X 0.0000417	0.332			X 0.01				
1/26/23	5,500	0.9	X 0.0000417	0.206			X 0.01				
1/26/23	5,500	1.1	X 0.0000417	0.252			X 0.01				
1/26/23	5,500	1.1	X 0.0000417	0.252			X 0.01				
			X 0.0000417				X 0.01				
	37,700	1.5	X 0.0000417				X 0.01				
		•	TOTAL:	2.280	_		TOTAL:	0.00		TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	2.280156	
Gallons Disposed:	0	37,700	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and Sewer Authority		FEBRUARY	2023
Municipality:	Halifax Borough	County: Dauphin	NPDES Permit No.	. PA 0024457
Watershed:	6-C		This permit will ex	pire on April 30, 202

☐ Check here if there were no off-site removal events during the month

	Liqu	iid Sewage Sludge	/ Biosolids Hauled Of	f-site	Dewatered Sewage Sludge / Biosolids Hauled Off-site				Sewage Sludge / Biosolids Dewatered and Incinerated On-site		
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
2/14/23	5,400	2.0	X 0.0000417	0.450			X 0.01				
2/14/23	5,400	1.8	X 0.0000417	0.405			X 0.01				
2/14/23	5,400	1.5	X 0.0000417	0.338			X 0.01				
2/14/23	5,400	1.8	X 0.0000417	0.405			X 0.01				
2/15/23	5,400	1.5	X 0.0000417	0.338			X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
	27,000	1.7	X 0.0000417				X 0.01				
		•	TOTAL:	1.937	-		TOTAL:	0.00		TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	1.936548	
Gallons Disposed:	0	27,000	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and Sewer Authority		MARCH 20	.023
Municipality:	Halifax Borough	County: Dauphin	NPDES Permit No. PA	0024457
Watershed:	6-C		This permit will expire	on April 30,

☐ Check here if there were no off-site removal events during the month

	Liqu	ıid Sewage Sludge	/ Biosolids Hauled Of	f-site	Dewatered	Dewatered Sewage Sludge / Biosolids Hauled Off-site			Sewage Sludge / Biosolids Dewatered and Incinerated On-site		
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
	0	#DIV/0!	X 0.0000417				X 0.01				
TOTAL: 0.000							TOTAL:	0.00		TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	0	
Gallons Disposed:	0	0	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and Sewer Authority	
Municipality:	Halifax Borough	County: Dauphin
Watershed:	6-C	

☐ Check here if there were no off-site removal events during the month

	Liqu	id Sewage Sludge	/ Biosolids Hauled Of	f-site	Dewatered Sewage Sludge / Biosolids Hauled Off-site				Sewage Sludge / Biosolids Dewatered and Incinerated On-site		
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
4/27/23	5,600	1.4	X 0.0000417	0.327			X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
4/26/23	5,600	1.2	X 0.0000417	0.280			X 0.01				
4/27/23	5,400	1.2	X 0.0000417	0.270			X 0.01				
4/27/23	5,400	1.3	X 0.0000417	0.293			X 0.01				
4/27/23	5,600	1.3	X 0.0000417	0.304			X 0.01				
4/27/23	5,600	1.2	X 0.0000417	0.280			X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
	33,200	1.3	X 0.0000417				X 0.01				
		•	TOTAL:	1.754	_		TOTAL:	0.00		TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0.326928	1.426974	
Gallons Disposed:	5,600	27,600	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and Sewer Authority		MAY	2023
Municipality:	Halifax Borough	County: Dauphin	NPDES Permit No. P	A 0024457
Watershed:	6-C		This permit will expi	ire on April 30,

☐ Check here if there were no off-site removal events during the month

	Liqu	ıid Sewage Sludge	/ Biosolids Hauled Of	f-site	Dewatered S	Dewatered Sewage Sludge / Biosolids Hauled Off-site			Sewage Sludge / Biosolids Dewatered and Incinerated On-site		
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
	0	#DIV/0!	X 0.0000417				X 0.01				
TOTAL:				0.000			TOTAL:	0.00		TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	0	
Gallons Disposed:	0	0	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and	d Sewer Authority	JUNE 2	2023
Municipality:	Halifax Borough	County: Dauphin	NPDES Permit No. PA	0024457
Watershed:	6-C		This permit will expire	e on April 30, 2

☐ Check here if there were no off-site removal events during the month

	Liqu	id Sewage Sludge	/ Biosolids Hauled Of	f-site	Dewatered :	Dewatered Sewage Sludge / Biosolids Hauled Off-site				Sewage Sludge / Biosolids Dewatered and Incinerated On-site		
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons	
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
6/8/23	5,500	1.4	X 0.0000417	0.321			X 0.01					
6/8/23	5,500	1.6	X 0.0000417	0.367			X 0.01					
6/8/23	5,500	1.4	X 0.0000417	0.321			X 0.01					
6/8/23	5,500	1.5	X 0.0000417	0.344			X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
	22,000	1.5	X 0.0000417				X 0.01					
		•	TOTAL:	1.353			TOTAL:	0.00		TOTAL:	0.00	

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	1.353165	
Gallons Disposed:	0	22,000	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and Sewer Authority		JULY	2023
Municipality:	Halifax Borough	County: Dauphin	NPDES Permit No	o. PA 0024457
Watershed:	6-C		This permit will e	expire on April 30, 202

☐ Check here if there were no off-site removal events during the month

	Liqu	iid Sewage Sludge	/ Biosolids Hauled Of	f-site	Dewatered S	Dewatered Sewage Sludge / Biosolids Hauled Off-site				Sewage Sludge / Biosolids Dewatered and Incinerated On-site		
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons	
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
7/19/23	5,500	1.9	X 0.0000417	0.436			X 0.01					
7/19/23	5,500	2.1	X 0.0000417	0.482			X 0.01					
7/19/23	5,500	2.2	X 0.0000417	0.505			X 0.01					
7/20/23	5,400	2.3	X 0.0000417	0.518			X 0.01					
7/20/23	5,400	2.2	X 0.0000417	0.495			X 0.01					
7/20/23	5,400	2.0	X 0.0000417	0.450			X 0.01					
			X 0.0000417				X 0.01					
			X 0.0000417				X 0.01					
	32,700	2.1	X 0.0000417				X 0.01					
		•	TOTAL:	2.886	_		TOTAL:	0.00		TOTAL:	0.00	

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	2.88564	
Gallons Disposed:	0	32,700	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water an	d Sewer Authority
Municipality:	Halifax Borough	County: Dauphin
Watershed:	6-C	

☐ Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge / Biosolids Hauled Off-site			Dewatered Sewage Sludge / Biosolids Hauled Off-site			Sewage Sludge / Biosolids Dewatered and Incinerated On-site				
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
8/8/23	5,400	1.5	X 0.0000417	0.338			X 0.01				
8/8/23	5,400	1.5	X 0.0000417	0.338			X 0.01				
8/8/23	5,400	1.7	X 0.0000417	0.383			X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
	16,200	1.6	X 0.0000417				X 0.01				
		•	TOTAL:	1.058	_		TOTAL:	0.00		TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	1.058346	
Gallons Disposed:	0	16,200	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and	Sewer Authority	SEPTEMBER	2023
Municipality:	Halifax Borough	County: Dauphin	NPDES Permit No.	PA 0024457
Watershed:	6-C		This permit will exp	pire on April 30, 20

☐ Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge / Biosolids Hauled Off-site			Dewatered Sewage Sludge / Biosolids Hauled Off-site			Sewage Sludge / Biosolids Dewatered and Incinerated On-site				
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
	0	#DIV/0!	X 0.0000417				X 0.01				
	•	•	TOTAL:	0.000			TOTAL:	0.00		TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	0	
Gallons Disposed:	0	0	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

		2
Facility Name:	Halifax Area Water and	Sewer Authority
Municipality:	Halifax Borough	County: Dauphin
Watershed:	6-C	

October 2023

NPDES Permit No. PA 0024457

This permit will expire on April 30, 2022

\neg	Check here if there	were no off-site remova	events during the month
- 1		were no on-site remova	i events dunna the month

	Liquid Sewage Sludge / Biosolids Hauled Off-site			Dewatered Sewage Sludge / Biosolids Hauled Off-site				Sewage Sludge / Biosolids Dewatered and Incinerated On-site			
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
10/24/23	5,400	1.5	X 0.0000417	0.338			X 0.01				
10/24/23	5,400	2	X 0.0000417	0.360			X 0.01				
10/24/23	5,400	1	X 0.0000417	0.315			X 0.01				
10/24/23	5,400	2	X 0.0000417	0.338			X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
	21,600	1.5	X 0.0000417				X 0.01				
		•	TOTAL:	1.351			TOTAL:	0.00		TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	1.35108	0	
Gallons Disposed:	21,600	0	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and Sew	er Authority	NOVEMBER	2023
Municipality:	Halifax Borough	County: Dauphin	NPDES Permit No.	PA 0024457
Watershed:	6-C		This permit will ex	pire on April 30, 202

☐ Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge / Biosolids Hauled Off-site			Dewatered Sewage Sludge / Biosolids Hauled Off-site				Sewage Sludge / Biosolids Dewatered and Incinerated On-site			
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
11/16/23	5,500	2.0	X 0.0000417	0.459			X 0.01				
11/16/23	5,500	1.8	X 0.0000417	0.413			X 0.01				
11/16/23	5,500	2.0	X 0.0000417	0.459			X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
	16,500	1.9	X 0.0000417				X 0.01				
		•	TOTAL:	1.330			TOTAL:	0.00		TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	1.33023	
Gallons Disposed:	0	16,500	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Halifax Area Water and	Sewer Authority	DECEMBER	2023
Municipality:	Halifax Borough	County: Dauphin	NPDES Permit No.	PA 0024457
Watershed:	6-C		This permit will ex	pire on April 30, 20

☐ Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge / Biosolids Hauled Off-site			Dewatered Sewage Sludge / Biosolids Hauled Off-site				Sewage Sludge / Biosolids Dewatered and Incinerated On-site			
Date	Gallons	% Solids	X Conv. Factor	= Dry Tons	Tons dewatered sludge	X % Solids	X 0.01	= Dry Tons	Tons dewatered	X % Solids	= Dry Tons
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
			X 0.0000417				X 0.01				
	0	#DIV/0!	X 0.0000417				X 0.01				
•	•	•	TOTAL:	0.000		•	TOTAL:	0.00	•	TOTAL:	0.00

SEWAGE SLUDGE/BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where sewage sludge/biosolids or ash were disposed or land applied)

	SITE 1	SITE 2	SITE 3
Site Name:	Kline's Septic	Harrisburg Sewer Plant	
Municipality	Salunga	Harrisburg	
County:	Lancaster	Dauphin	
DEP Permit Number:	101607	27198	
Type of Material*	Liquid Biosolids	Liquid Biosolids	
Dry Tons Disposal:	0	0	
Gallons Disposed:	0	0	
Type of Disposal/Use:*	Sewer Plant	Sewer Plant	
Hauler Name:	Kline's Septic	Kline's Septic	

^{*} See Instructions for explanation

Prepared By:	Jeffrey L. Grosser	Signature:
Title:	Manager	Date:

ATTACHMENT E: Flow Meter Calibration Report





P.O. BOX 196, EAST EARL, PA 17519 PHONE: (717) 768-0800 FAX: (717) 768-0802

*** SERVICE REPORT ***

HALIFAX MUNICIPAL AUTHORITY SOUTH FRONT STREET HALIFAX, PA 17032

SERVICE DATE: DECEMBER 07, 2023 SERVICE CONTRACT: OUT OF SERVICE ()

LOCATION: WASTEWATER - EFFLUENT

METER #: C8201 AA

PRIMARY: WEIR V-NOTCH 90° MAXIMUM CAPACITY: 347.2 GPM

METER: BADGER

RECORDER: CHESSELL

MODEL #: 2210

MODEL #: 392

SERIAL #: 12286

SERIAL #: 9404-31238-B02

*** WORK PERFORMED ***

METER CALIBRATION

ERROR: INCHES

METHOD: LEVEL MEASUREMENTS AND FLOW CHECKS

TOLERANCE: ±0.125 INCHES

RECORDER CALIBRATION

CHECKED AT: 0%, 50%, 100%

ERROR: 0%, 0%, 0%

TOLERANCE: ±1,000 %

TOTALIZER CALIBRATION

CHECKED AT: 0%, 50%, 100%

ERROR: 0%

TOLERANCE: ±1.000 %

*** TECHNICIAN COMMENTS ***

P.O. BOX 196, EAST EARL, PA 17519 PHONE: (717) 768-0800 FAX: (717) 768-0802

*** SERVICE REPORT ***

HALIFAX MUNICIPAL AUTHORITY SOUTH FRONT STREET HALIFAX, PA 17032

SERVICE DATE: DECEMBER 07, 2023 SERVICE CONTRACT: ANNUAL (A12)

LOCATION: EFFLUENT METER #: C8201 AC

PRIMARY: FLUME PARSHALL 6 INCH **MAXIMUM CAPACITY: 1000 GPM**

METER: ENDRESS+HAUSER

MODEL #: FMU90

SERIAL #: S600046010E6 SERIAL #: N/A

RECORDER:

MODEL #: N/A

*** WORK PERFORMED ***

METER CALIBRATION

ERROR: 0.00 INCHES METHOD: LEVEL MEASUREMENTS AND FLOW CHECKS

TOLERANCE: ±0.125 INCHES

RECORDER CALIBRATION

CHECKED AT: N/A

ERROR: N/A

TOLERANCE: N/A

TOTALIZER CALIBRATION

CHECKED AT: N/A

ERROR: N/A

TOLERANCE: N/A

*** TECHNICIAN COMMENTS ***

PERFORMED ANNUAL CALIBRATION **CLEANED PRIMARY** VERIFIED TOTALIZER (PASSED) **TESTED 4-20MA LOOP** NO ADJUSTMENT NEEDED LEFT EQUIPMENT OPERATING PROPERLY

SERVICE REPRESENTATIVE(S): PATRICK MCNALLY

P.O. BOX 196, EAST EARL, PA 17519 PHONE: (717) 768-0800 FAX: (717) 768-0802

*** SERVICE REPORT ***

HALIFAX MUNICIPAL AUTHORITY SOUTH FRONT STREET HALIFAX, PA 17032

SERVICE DATE: DECEMBER 07, 2023 SERVICE CONTRACT: ANNUAL (A12)

LOCATION: INFLUENT PS

METER #: C8201 AD

PRIMARY: 6 INCH **MAXIMUM CAPACITY:**

METER: ENDRESS+HAUSER

MODEL #: PROMAG 400

SERIAL #: S602CD16000

RECORDER:

MODEL #: N/A

SERIAL #: N/A

*** WORK PERFORMED ***

METER CALIBRATION

ERROR: 0.00 %

TOLERANCE: N/A

METHOD: ENDRESS+HAUSER HEARTBEAT VERIFICATION

RECORDER CALIBRATION

CHECKED AT: N/A

ERROR: N/A

TOLERANCE: N/A

TOTALIZER CALIBRATION

CHECKED AT: N/A

ERROR: N/A

TOLERANCE: N/A

*** TECHNICIAN COMMENTS ***

PERFORMED ANNUAL CALIBRATION VERIFIED TOTALIZER (PASSED) NO ADJUSTMENT NEEDED LEFT EQUIPMENT OPERATING PROPERLY

SERVICE REPRESENTATIVE(S): PATRICK MCNALLY

P.O. BOX 196, EAST EARL, PA 17519 PHONE: (717) 768-0800 FAX: (717) 768-0802

*** SERVICE REPORT ***

HALIFAX MUNICIPAL AUTHORITY SOUTH FRONT STREET HALIFAX, PA 17032

SERVICE DATE: DECEMBER 07, 2023 SERVICE CONTRACT: ANNUAL (A12)

LOCATION: INFLUENT SCHOOL

METER #: C8201 AE

PRIMARY: FLUME PARSHALL 6 INCH

MAXIMUM CAPACITY: 1000

METER:

RECORDER:

MODEL #:

SERIAL #: S60045010E6

MODEL #: N/A

SERIAL #: N/A

*** WORK PERFORMED ***

METER CALIBRATION

ERROR: 0.06 INCHES

TOLERANCE: ±0.125 INCHES

METHOD: LEVEL MEASUREMENTS AND FLOW CHECKS

RECORDER CALIBRATION

CHECKED AT: N/A

ERROR: N/A

TOLERANCE: N/A

TOTALIZER CALIBRATION

CHECKED AT: N/A

ERROR: N/A

TOLERANCE: N/A

*** TECHNICIAN COMMENTS ***

PERFORMED ANNUAL CALIBRATION **CLEANED PRIMARY VERIFIED TOTALIZER (PASSED) TESTED 4-20MA LOOP** NO ADJUSTMENT NEEDED LEFT EQUIPMENT OPERATING PROPERLY

SERVICE REPRESENTATIVE(S): PATRICK MCNALLY

ATTACHMENT F: Consent Order And Agreement Progress Report







Herbert, Rowland & Grubic, Inc. 369 East Park Drive Harrisburg, PA 17111 717.564.1121 www.hrg-inc.com

January 5, 2024

Mr. Erick Ammon Clean Water Program PA Department of Environmental Protection Southcentral Regional Office 909 Elmerton Avenue Harrisburg, PA 17110-8200

Re: NPDES Permit No PA 0024457

Consent Order & Agreement, Quarterly Progress Report Main Pumping Station and Wastewater Treatment Plant

Halifax Area Water and Sewer Authority

Dear Mr. Ammon:

On behalf of the Halifax Area Water and Sewer Authority (HAWASA), Herbert, Rowland & Grubic, Inc. (HRG) hereby submits this Consent Order and Agreement (COA) Quarterly Progress Report in accordance with the requirements outlined in the April 20, 2018 COA executed by the Department and HAWASA.

The Main Pumping Station located at the HAWASA Wastewater Treatment Plant (WWTP) is considered to be hydraulically overloaded in accordance with 25 Pa. Code § 94.12. HAWASA and the Department executed the above referenced COA to eliminate the overload condition at the Main Pumping Station. Modifications to the Main Pumping Station were completed as part of the WWTP Upgrade Project, which is currently nearing completion.

For ease in reporting HAWASA progress in meeting the Corrective Action schedule contained in the COA, this Progress Report provides the status of the Tasks which were identified in the Implementation Schedule contained in the HAWASA Corrective Action Plan (CAP) and has been updated to reflect the required compliance dates identified within the COA. This Progress Report also summarizes any new connections to the portion of the HAWASA system which are tributary to the overloaded sewerage facilities.

IMPLEMENTATION SCHEDULE - UPDATE

WWTP UPGRADE PROJECT CONSTRUCTION STATUS:

 The WWTP Main Pumping Station, which is considered hydraulically overloaded and was one of the primary drivers behind the implementation of the CAP and the completion of the Project, has been successfully operating since its start-up in August 2022. The upgraded station captures all flow from the Front Street Interceptor and various WWTP return flows and is designed to handle a PIF Mr. Erick Ammon PA Department of Environmental Protection January 5, 2024 Page 2

of 300 gpm with a single pump in operation. <u>Since it was put into operation</u>, there have been no instances in which both pumps were called to operate due to high flow conditions.

All work under the General and the Electrical Construction Contracts has been completed. The Post
Construction Certification for the Water Quality Management Permit issued for this Project was
submitted to PA DEP on December 11, 2023. Contract closeout documents were prepared by HRG
and distributed to the General and Electrical Construction Contractors on December 20, 2023. HRG
has been in communication with PA DEP on completing a post construction inspection at the project
site and is preparing Contract Record Documents in advance of this meeting.

HALIFAX TOWNSHIP SEWER EXTENSION STATUS (NOT REQUIRED BY COA):

In conjunction with the design of the WWTP Upgrade Project, HRG and HAWASA have been proceeding with efforts on the Halifax Township Sewer Extension Project. This Project is not mandated by the COA. However, the Part II Permit Application for the WWTP Upgrade Project includes capacity for the additional flows which will be generated by the construction of this sewer extension.

Notice to Proceed was issued on the three construction contracts for this Project on Mach 22, 2023. On August 30, HAWASA completed settlement on the PENNVEST loan for the Project. Work has been progressing on all three pump station sites. Construction activities under the gravity sewer and force main contract began the week of September 25, 2023.

CAP IMPLEMENTATION SCHEDULE

The Implementation Schedule below is included in the HAWASA CAP; the required completion dates have been updated to reflect those contained in the COA. For the purpose of this Report, the "Status/Update" column has been updated to demonstrate HAWASA's compliance with the Implementation Schedule. Items in red text are updates since the last COA quarterly report submission.

IMPLEMENTATION SCHEDLE FOR HAWASA WWTP UPGRADE

(Taken From Approved Cap And Modified Per The Corrective Action Schedule Included In The COA)

Task Description	Completion/ Submission Date	Status Update
HAWASA & PA DEP Execution of Consent Order and		(Taali Camadatad)
Agreement	April 20, 2018	(Task Completed)
Submit a Wastewater Treatment Plant Alternatives Review, Design Engineer's Report and an administratively and technically complete Uniform Environmental Report for the upgrade of the Plant and main pumping station Design Engineer's Report will include the following key components: Review previous HAWASA evaluation of WWTP improvement alternatives Prepare existing and future flow and loading projections including flow metering study as required Request and receive preliminary effluent discharge limits for WWTP Upgrade from PA DEP WWTP Improvements alternatives review Identification and selection of recommended improvements User rates analysis for recommended improvements	December 31, 2018	[Task Completed; Wastewater Treatment Plant Alternatives Review & Design Engineer's Report was submitted to PA DEP on December 28, 2018; Categorical Exclusion request for WWTP Upgrade Project approved by PA DEP on December 31, 2019; Task Completed]
Submission of administratively and technically complete Water Quality Management Part II Permit Application for the upgrade of the Plant and main pumping station	Within 180 Days of PA DEP approval of UER	(Task Completed; WQM Part II Permit Application, review fee and supporting documents were submitted to PA DEP on September 13, 2019; WQM Permit issued by PA DEP on March 12, 2020]
Begin construction of the Plant upgrade in accordance with the Part II Permit	Within 205 Days of PA DEP issuance of Water Quality Management Part II Permit	[Task Completed – Contract Awards were issued by HAWASA on November 25, 2020. The Contract Times commenced on November 30, 2020. Substantial Completion to be achieved by February 23, 2022; Final Completion to be achieved by April 9, 2022.]

IMPLEMENTATION SCHEDLE FOR HAWASA WWTP UPGRADE (Taken From Approved Cap And Modified Per The Corrective Action Schedule Included In The COA)		
Task Description	Completion/ Submission Date	Status Update
Complete Construction	Within 705 Days of PA DEP issuance of Water Quality Management Part II Permit	Final Completion adjusted to 8/11/23 Change Orders denoting this time extension have been submitted to PA DEP. All work under the General and Electrical Contracts has been completed. Contract closeout documents were prepared by HRG and distributed to the General and Electrical Construction Contractors on December 20, 2023.
Verify completion of construction by submission of the Sewage and Industrial Wastewater Facilities Construction Certification	Within 30 days of completed construction operations	The Post Construction Certification for the Water Quality Management Permit issued for this Project was submitted to PA DEP on December 11, 2023.
Submission of quarterly Progress Reports until termination of COA		Quarterly Progress Report submitted January 5, 2024. Previous Quarterly Progress Report Submitted September

RESTRICTION ON CONNECTIONS TRIBUTARY TO OVERLOADED SEWERAGE FACILITES

Per the terms of the approved CAP, HAWASA will limit new connections within the area tributary to the Main Pumping Station to a total of twenty-five (25) new EDUs (not otherwise meeting the definitions of 25 Pa Code §§ 94.55, 94.56 and 94.57) until the hydraulic overload condition is eliminated. The improvements made to the Main Pumping Station as part of the WWTP Upgrade Project have increased its capacity substantially and eliminated the hydraulic overload at this station. Since start-up of the upgraded station in August 2022, there were no instances where the standby pump was called into operation to handle additional flow.

There have not been any new connections made within the area tributary to the Main Pumping Station as of the date of this Progress Report. There is no restriction on connections in the southern portion of the HAWASA collection system located in Halifax Township as this area is not tributary to the Main Pumping Station.

As discussed in previous Progress Reports, a new residential development along S.R. 147 across from the Halifax Area School District is being proposed for construction in Halifax Township. This parcel is identified

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in the Dauphin County GIS Parcel Viewer as 29-013-022 with an approximate size of 23.9 acres. This project is known as Sycamore Ridge and proposes the construction of 124 residential townhome units. Sanitary sewer service to Sycamore Ridge is proposed by the Developer via connection to the existing HAWASA collection system located in S.R. 147 at Manhole 172. This portion of the collection system is tributary to the overloaded Main Pump Station.

Work on the WWTP Upgrade Project has been completed. The Main Pump Station has been successfully operating since August 2022 and is no longer hydraulically overloaded.

If you have any questions or comments regarding this COA Progress Report, please do not hesitate to contact me at 717-564-1121. Thank you.

Sincerely,

Herbert, Rowland & Grubic, Inc.

Justin J. Mendinsky

Water & Wastewater Group Manager

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Enclosures

c: HAWASA Board

Jeffrey Grosser, Operator Joseph D. Kerwin, Esq., Solicitor

HRG File