

**PUMP STATION 196**

MAR 23		PS 196	
		METER READING	24 HOUR FLOW
WED	1	1014974	0.345222
THU	2	1360196	0.362399
FRI	3	1722595	0.399116
SAT	4	2121711	0.380070
SUN	5	2501781	0.376758
MON	6	2878539	0.356447
TUE	7	3234986	0.361023
WED	8	3596009	0.358095
THU	9	3954104	0.349975
FRI	10	4304079	0.362774
SAT	11	4666853	0.336596
SUN	12	5003449	0.357384
MON	13	5360833	0.347637
TUE	14	5708470	0.355167
WED	15	6063637	0.346763
THU	16	6410400	0.340493
FRI	17	6750893	0.357485
SAT	18	7108378	0.362441
SUN	19	7470819	0.364688
MON	20	7835507	0.354248
TUE	21	8189755	0.342014
WED	22	8531769	0.296017
THU	23	8827786	0.350359
FRI	24	9178145	0.365334
SAT	25	9543479	0.369102
SUN	26	9912581	0.367419
MON	27	10280000	0.357850
TUE	28	10637850	0.346920
WED	29	10984770	0.335150
THU	30	11319920	0.357930
FRI	31	11677850	0.373790
		12051640	
TOTAL			11.036666
COUNT			31
AVERAGE			0.356021
MINIMUM			0.296017
MAXIMUM			0.399116

Work Orders Completed in Prior Month

WO No.	Asset Description	Brief Description	Comments	Work Completed Date	WO Type
2064	Blowers	Weekly Oil Check	No issues noted	03/01/2023	PM
2128	Blowers	Monthly Blower Inspection / PM	No issues noted	03/01/2023	PM
2066	Lewes DO Probes	Weekly DO meter PM	Probes calibrated. 2A unable to calibrate. Looking at repair/replacement options.	03/02/2023	PM
2063	Lewes Turbidimeters	Daily Turbidity Meter PM	All probes wiped daily	03/03/2023	PM
2077	Howard Seymour STP	Monthly SPCC Inspection	Alum in containment area. Will address. Possible small drip on connection for citric acid.	03/03/2023	PM
2127	Blower Motors	Quarterly Motor PM	All motors greased and maintained.	03/03/2023	PM
2113	Portable Water Pump, Gas	Monthly Rolling Stock PM	No issues noted	03/06/2023	PM
2114	Ford F350 Crane Truck	Monthly Rolling Stock PM	All fluids and filters checked. No issues noted	03/06/2023	PM
2115	Snowblower	Monthly Rolling Stock PM	No issues noted	03/06/2023	PM
2117	Generator, Main Plant	Monthly Generator Inspection	All fluids good. Belts good. Battery good. Started up no issues.	03/06/2023	PM
2118	Generator	Monthly Generator Inspection	All fluids and lube good. Battery good.	03/06/2023	PM
2119	Generator	Monthly Generator Inspection	Checked all fluids, filters, and lube. Battery good. No issues noted.	03/06/2023	PM
2132	Blowers	Weekly Oil Check	All blowers good	03/06/2023	PM
2122	Overhead Trolley 1	Hoist Inspection - Monthly	No issues noted	03/07/2023	PM
2123	Overhead Trolley 2	Hoist Inspection - Monthly	No issues noted	03/07/2023	PM
2124	Hoist	Hoist Inspection - Monthly	No issues noted	03/07/2023	PM
2125	Overhead Crane Davit Arm Second Floor	Hoist Inspection - Monthly	No issues noted	03/07/2023	PM
2067	Howard Seymour STP	Monthly General Safety Inspection		03/08/2023	PM
2068	Howard Seymour STP	Monthly Housekeeping Inspection	clamps need on grating	03/08/2023	PM
2069	Howard Seymour STP	Monthly Fire Prevention and Emerg Action Inspctn		03/08/2023	PM
2062	DO Meter 2A	Corrective Action Needed - See Comments	2A no issues. 1B is the probe. Display no good. YSI gave estimate to replace probe, display, and install ORP probes. Will look for additional options as well.	03/10/2023	ICM
2131	Lewes Turbidimeters	Daily Turbidity Meter PM	All probes wiped daily	03/10/2023	PM
2134	Lewes DO Probes	Weekly DO meter PM	All probes but 1B cleaned and calibrated. YSI can an estimate to put in ORP and new DO probes for 1B. Will look into other options to replace as well.	03/10/2023	PM
2133	Howard Seymour STP	Weekly Universal Waste Inspection Inspection		03/14/2023	PM
2137	Howard Seymour STP	Weekly Universal Waste Inspection Inspection		03/14/2023	PM
2138	Lewes DO Probes	Weekly DO meter PM	Probes cleaned and calibrated.	03/17/2023	PM

Work Orders Completed in Prior Month

WO No.	Asset Description	Brief Description	Comments	Work Completed Date	WO Type
2143	LS #8, American Legion	VFD failure at PS#8 pump 2	VFD failed due to suspected power surge. At 11:06 AM we had a high amp alarm where pump 2 spiked up to 49.7 amps. We believe this surge may have been caused by a neutral that was broken near the pump station. Once we identified the issues we contacted Untied Electric about a replacement VFD. They had replacements at their New Castle location. At that time the master electrician, Andrew Courtney, and project manager, Jeff Kerin, went to New Castle to retrieve the VFD. We returned back to Lewes and installed the new VFD. We are looking into ways to help prevent this as much as possible in the future. We will inquire about surge protection as well as potential lowering the fuse size.	03/23/2023	CORRECTIVE
2078	LS #1 U of D	Pump Station Monthly Inspection		03/24/2023	PM
2080	LS #2 Pilottown Rodney Ave	Pump Station Monthly Inspection	Both pumps are pumping normal, minimal to no fog, Floats needed cleaning. We cleaned on site. Grate is broken and needs replaced. All piping in lift station needs replaced. Caswell expected between April 3-14 to start repairs.	03/24/2023	PM
2081	LS #3 Pilottown Marina	Pump Station Monthly Inspection	Both pumps are operational. Checked daily, pump 2 needs priming with oil leak around seal. Scheduled for repair and replacement of pumps.	03/24/2023	PM
2082	LS #4 Gills Neck Savannah	Pump Station Monthly Inspection	Both pumps are pumping normal, Checked daily.	03/24/2023	PM
2079	LS #1 U of D	Pump Station Monthly Inspection	Both pumps are pumping normal, minimal to no fog, and floats are clear and operating as intended.	03/24/2023	PM
2083	LS #5 California Ave	Pump Station Monthly Inspection	Both pumps pumping normal, light fog, watertight seal needs replaced due to flood zone.	03/24/2023	PM
2085	LS #7 Cape Henlopen Dr Pilot Point	Pump Station Monthly Inspection	Both pumps are pumping normal, heavy fog but No alarms.	03/24/2023	PM
2084	LS #6 Connecticut Ave	Pump Station Monthly Inspection	Both pumps are pumping normal, hinges and handle broken on wet well unable to check visually. Awaiting response from Breakwater Construction on start date for repairs. No alarms.	03/24/2023	PM
2086	LS #8, American Legion	Pump Station Monthly Inspection	Both pumps are pumping normal, no alarms, checked daily.	03/24/2023	PM
2087	LS #9 Sussex Drive	Pump Station Monthly Inspection	Both pumps are pumping normal, no alarms, medium fog, it needs a lock.	03/24/2023	PM
2088	LS #10 Reserves	Pump Station Monthly Inspection	Both pumps are pumping normal, no alarms, light to medium fog, cleaned floats on site.	03/24/2023	PM

## Work Orders Completed in Prior Month

WO No.	Asset Description	Brief Description	Comments	Work Completed Date	WO Type
2089	LS #11 Hoorncill Avenue	Pump Station Monthly Inspection	Both pumps are pumping normal, no alarms, light fog.	03/24/2023	PM
2090	LS #12 Market Street Devon Inn	Pump Station Monthly Inspection	Both pumps are pumping normal, floats are ok, Extremely heavy fog , needs pumping soon.	03/24/2023	PM
2091	LS #13 Schley Avenue at the old Power Plant	Pump Station Monthly Inspection	Both pumps are pumping normal, floats are ok, No fog.	03/24/2023	PM
2092	LS #14 Harborview Road	Pump Station Monthly Inspection	Both pumps are pumping normal, medium to heavy fog, floats were dirty, we cleaned on site.	03/24/2023	PM
2093	LS #15 Cape Henlopen Dr Port Lewes	Pump Station Monthly Inspection	Both pumps are pumping normal, light fog, no alarms.	03/24/2023	PM
2094	LS #16 Henlopen Gardens	Pump Station Monthly Inspection	Pump one is not in operation, needs replacing, Pump two is operating ok, all electrical lines and cabinet needs replacing.	03/24/2023	PM
2095	LS #17 Savannah Road Huling Cove	Pump Station Monthly Inspection	Both pumps are pumping ok, no alarms, Extremely heavy fog, needs pumping asap.	03/24/2023	PM
2096	LS #17B	Pump Station Monthly Inspection		03/24/2023	PM
2098	LS #18 Drake Knoll	Pump Station Monthly Inspection	Both pumps are pumping ok, medium fog, No alarms.	03/24/2023	PM
2097	LS #17B	Pump Station Monthly Inspection	Both pumps are pumping ok, med fog, No alarms, gate latch not working properly, repaired on site.	03/24/2023	PM
2099	LS #19 Pilottown Village Ocean Blvd	Pump Station Monthly Inspection	Both pumps are pumping ok, No alarms.	03/24/2023	PM
2100	LS #20 Monroe Ave	Pump Station Monthly Inspection	Pumps are pumping ok, No alarms.	03/24/2023	PM
2101	LS #21 Monroe Ave	Pump Station Monthly Inspection	Pumps are pumping ok, No alarms.	03/24/2023	PM
2102	LS #22 Monroe Ave	Pump Station Monthly Inspection	Pumps are pumping ok, No alarms.	03/24/2023	PM
2103	LS #23 Monroe Ave	Pump Station Monthly Inspection	Pumps are pumping ok, No alarms.	03/24/2023	PM
2104	LS #25 Monroe Ave	Pump Station Monthly Inspection	Both pumps are pumping normal, No alarms.	03/24/2023	PM
2105	LS #29 Washington Street	Pump Station Monthly Inspection	Pump good. No issues	03/24/2023	PM
2106	LS #30 Washington Street	Pump Station Monthly Inspection	Pump good. No issues.	03/24/2023	PM
2107	LS #32 Canary Creek	Pump Station Monthly Inspection	Both pumps pumping ok, light fog, Floats needed cleaning, we cleaned on site.	03/24/2023	PM
2108	LS #33 DNREC Station	Pump Station Monthly Inspection	Both pumps pumping ok, no fog, No alarms.	03/24/2023	PM
2109	LS #74 Cape Shores	Pump Station Monthly Inspection	Both pumps pumping ok, light fog, No alarms.	03/24/2023	PM
2110	LS #83	Pump Station Monthly Inspection	Both pumps pumping ok, light fog, No alarms.	03/24/2023	PM
2135	Lewes Turbidimeters	Daily Turbidity Meter PM	All probes wiped daily.	03/24/2023	PM

Work Orders Completed in Prior Month

WO No.	Asset Description	Brief Description	Comments	Work Completed Date	WO Type
2150	2 MM Conditioning Screen Control Panel	Transducer in 2MM failed and had to be replaced.	It was discovered that the 2MM level transducer had stopped working. When this happened we immediately pumped it out in hand and began working to replace the transducer. This was all accomplished within a few hours.	03/27/2023	CORRECTIVE
2139	Lewes Turbidimeters	Daily Turbidity Meter PM	All probes wiped daily.	03/28/2023	PM
2140	Blowers	Weekly Oil Check	All oil and grease good. No issues	03/28/2023	PM
2142	Lewes DO Probes	Weekly DO meter PM	All probes cleaned and calibrated.	03/28/2023	PM
2070	Howard Seymour STP	Monthly Electrical System Inspection	Inspection completed. Repair/replacement needed for exit and emergency lighting. Also have extension cords being used around solids dumpster. Headworks project is moving forward and will eliminate the use of these cords.	03/29/2023	PM
2073	Howard Seymour STP	Monthly Training and Recordkeeping Inspection	No new employees. All training up to date for current employees.	03/29/2023	PM
2111	Pressure Washer	Monthly Rolling Stock PM	No issues noted during inspection	03/29/2023	PM
2112	Gehl Skid Steer	Monthly Rolling Stock PM	No issues noted during inspection.	03/29/2023	PM
2116	Edge Loader Brush	Monthly Rolling Stock PM	No issues noted during inspection	03/29/2023	PM
2121	1 Ton Hoist, Process Building	Hoist Inspection - Monthly	Hoist inspected and checked. No issues	03/29/2023	PM
2129	Tower Hill	Pump Station Monthly Inspection	Checked twice weekly. No issues to report.	03/29/2023	PM
2130	Lewes Exhaust Fans	Monthly Exhaust Fan Inspection	Fans inspected. No power run to one fan in headworks building.	03/29/2023	PM
2148	Pump Room Fan 8, Headworks	Corrective Action Needed - See Comments	The power for this fan was taken to power the blower in the headworks. Andy installed a new pipe and wires. He ran these to a breaker to reestablish power to the fan.	03/30/2023	ICM

Printed 74 items