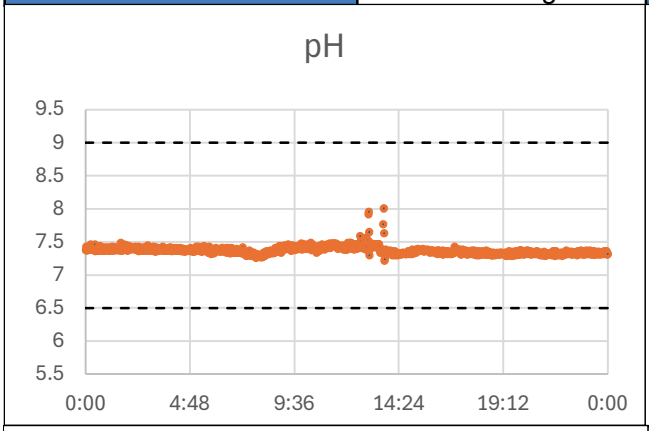
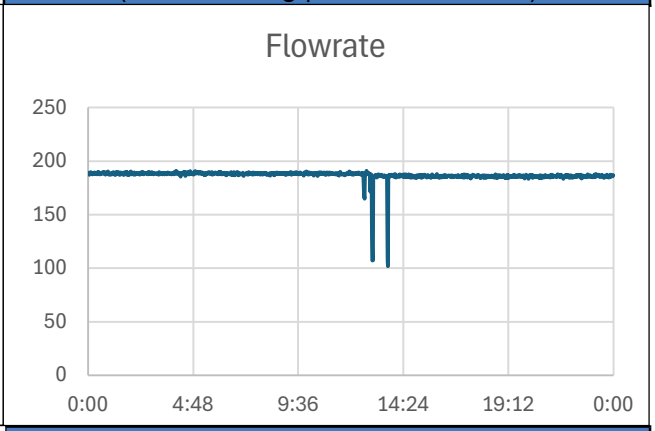
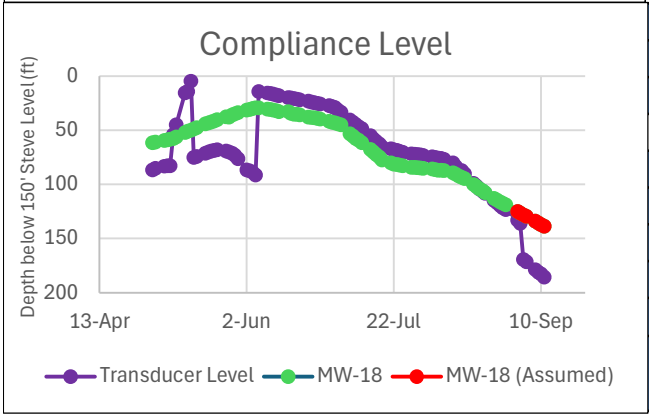
Schwartzwalder Daily Summary Report

Report Date:	9/11/2025	Lead Operator:	Chris P
		Assistant Operator(s):	Patrick D
			Bryant A

Effluent Discharged:	0.269 Mgal	MW-18 Level:	255.9 ft	138.5 ft
Average Flowrate:	186.9 gpm	Transducer Level:	110.4 ft	185.6 ft
Effluent to Date:	20.687 Mgal	(Field Reading | Value below 150')		







Finished Water Quality			
Parameters	Temp	pH	Cond
Values	21°C	7.85	202 µS/cm

Chemical Inventory			
Chemicals	Antiscalant	NaOH	BaCl
Vol. Used	8 Gal	22 Gal	3 Gal
Vol. Remaining	428 Gal	214 Gal	36 Gal
Vol. Staged	0 Gal	293 Gal	295 Gal
Days Available	54 Days	23 Days	110 Days

Safety Issues/Concerns:
- N/A

Notes:
- Peter Hays onsite for monthly meeting
- Transferred 46 gal of Caustic. Rinsed out tote 3 times for removal offsite.
- Batched 20 lbs of BaCl
- Fixed light sensor alignment on 3rd gate (gate closest to SWTP)
- RO PLC Work: Took components from old PLC and spare in connex. Combined parts into a separate spare PLC unit. Tested analog output functionality as well as sensor functinoality. Troubleshot internet connectivity to all PLCs.

NOTE: For the level graph, Data from 5/1/2025 to 6/5/2025 was recorded using an atmospheric transducer with a 500-ft cable, installed at the end of the 2024 season. On 6/6/2025, it was replaced with an absolute transducer with a 600-ft cable (lower depth). A 77.1-ft difference in readings was observed. MW-18 ran dry effective 9/2/2025. Assume a decline of 1.5125 ft per day for the projected MW-18 depth effective 9/2/2025. On 9/4/2025, the transducer was temporarily removed from the casing to verify the minepool water depth. The transducer was recalibrated to align with the field readings resulting in a difference of 30.4 ft lower than previously indicated.