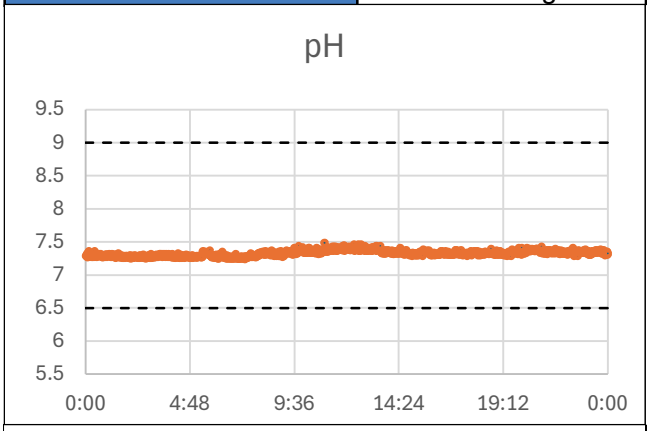
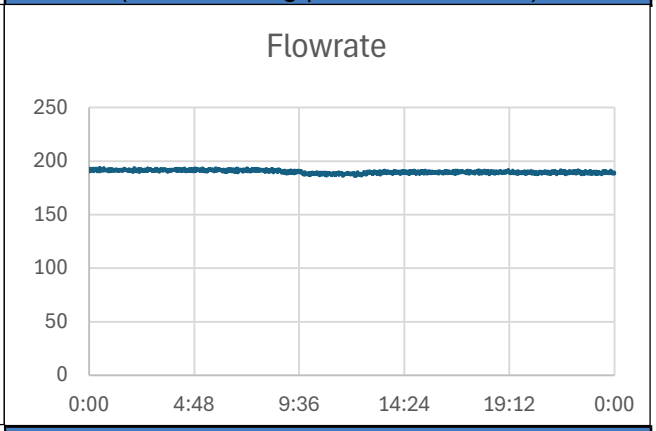
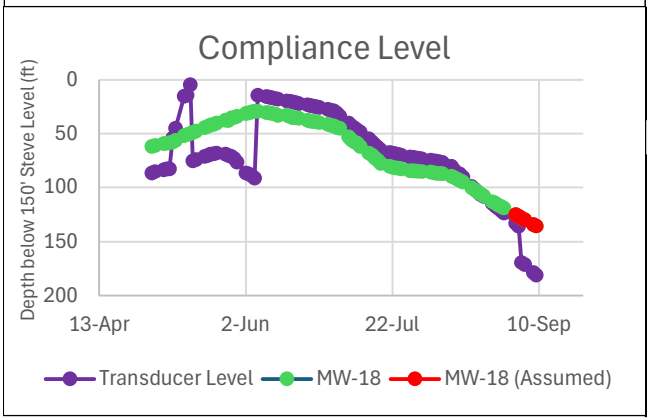
Schwartzwalder Daily Summary Report

Report Date:	9/8/2025	Lead Operator:	Chris P
		Assistant Operator(s):	Bryant A

Effluent Discharged:	0.274 Mgal	MW-18 Level:	251.3 ft	134.0 ft
Average Flowrate:	190.1 gpm	Transducer Level:	117.5 ft	178.5 ft
Effluent to Date:	19.886 Mgal	(Field Reading | Value below 150')		







Finished Water Quality			
Parameters	Temp	pH	Cond
Values	20°C	7.37	200 µS/cm

Chemical Inventory			
Chemicals	Antiscalant	NaOH	BaCl
Vol. Used	7 Gal	25 Gal	4 Gal
Vol. Remaining	446 Gal	163 Gal	44 Gal
Vol. Staged	0 Gal	434 Gal	315 Gal
Days Available	64 Days	24 Days	90 Days

Safety Issues/Concerns:
- N/A

Notes:
- Collected Outfall 001A Weekly TSS Sample
- Put Radiation warning sign on cartridge filter supersack per RSO's request
- Conducted troubleshooting efforts to try and resolve communication issue between the discharge PLC, the mine frame PLC and the remote monitoring system.
- Slight adjustment to RO recovery valves at ~10:30 AM to increase feed pressure to the ROs. Saw slight decline in product flow.

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.