



FIELD SERVICE REPORT

ACS Representative: Greg Pribek
Phone: 414-755-9362 **Email: greg.pribek@advancedchemsys.com**
ACS Office Phone: 414-235-3246 **Web: www.advancedchemsys.com**

Customer No: Prospect
Customer: City of Dodgeville
Address: 410 E. Leffler Street
City/State/Zip: Dodgeville, WI 53533

Date: February 20, 2026
Interviewed: Dylan Wadzinski
Copy:
Copy:

Readings are in Parts Per Million (ppm) unless otherwise indicated

Water Sample	TH	T Alk	Color		Moly	Toly	NO2	Fe	Cu		pH	Cond
HW Loop	120	200	Graphite		0	0.3	0	4.30	0.29		8.91	478
Recommended Ranges	TO	TO	TO	75	50	10	1000	Max	Max	Max	8.0	No
				125	Min	Min	1200	0.5	0.1	0.1	8.5	Limit
Recommended Ranges	TO	TO	TO	TO	TO			TO	TO	TO	TO	No Limit
Filter System	HWL Inventory		CHEMICALS USED DAILY				FORMULA		RECOMMENDED DOSAGES TO BE ADJUSTED BY TEST			
Griswold Filter System Filter System was activated during our 2/20/26 visit.	LA-914 gal		pH Builder				BA-10		NR			
	LA-918 gal		Mild Steel Inhibitor				LA-914		1-gal=initial feed			
	BA-10 gal		NFM Inhibitor				LA-918		1-pint = initial feed			
	LA-987 qts		HWL Defoamer				LA-987		NR			
			HWL Cleaner				PC-883		1/2-pint = initial feed			

- Findings/Recommendations:** Red Boxes indicate water treatment issues Yellow Box = iron precipitation
1. Inhibitor levels for mild steel are non-existent = Molybdate or Nitrite tests.
 Either molybdate or nitrite will protect mild steel. ACS will utilize molybdate-based corrosion inhibitors
 2. There are "trace" levels of Tolytriazole in the HWL System. LA-918 is used to protect copper and brass
 The presence of Tolytriazole would be an indication that at one point in time a closed loop treatment was added.
 3. The HWL pH levels are in a desired mild alkaline condition.
 4. Iron are very high, caused by the lack of mild steel inhibitor treatment.
 Iron corrosion is occurring, and with the heated surfaces, iron scale is being formed reducing heat transfer operations.
 The ACS Closed Loop Program will provide fuel savings, as the heat surfaces are cleaned over time.
 Galvanic corrosion can be a concern with a lack of corrosion protection. Pump seal failure can also be a problem.
 5. A combination filter/feed system should be utilized for removal of iron and copper scale.
 The Griswold Filter System will be utilized to removed iron and copper scale.
 6. Conductivity levels are low by precipitation of minerals. As closed loop products are added, the conductivity rises.
 7. Alkalinity and hardness declines are normal in a closed loop. Keeping them suspended is a key to prevent hardness scale deposits. LA-914 has crystalline modifiers to keep the hardness fluid.
 8. ACS Service Visits are recommended, with 3-calls per heating season being advised.