



Service Report

101524 Tidewater NY USARC 4AZ2 FSR
Tuesday, October 15, 2024 11:30 AM EDT

USARC NY TIDEWATER
4AZ2
ATTN: Karlee Demain
5835 Avenida Encinas
Carlsbad California 92008
(724) 678-6067

Report Number: 597158
Recorded By: Lexi Dadey
(484) 571-7237
adadey@delval.com

Building - Combined System

| Test | Penn Yan Make-up | Penn Yan (NY052) | Tonawanda Make-up | Tonawanda (NY065) | | |
|------------------------------|------------------|------------------|-------------------|-------------------|--|--|
| Conductivity (as μ mhos) | 321 Record | 326 Record | 263 Record | 151 Record | | |
| pH | 8.4 Record | 7.7 8 min | 7.4 Record | 8.2 8 min | | |
| Molybdenum (ppm as Mo) | | 1.8 50 - 75 | | 0.9 50 - 75 | | |

| Test | Webster Make-up | Webster Build 1 (NY070) | Webster Build 2 (NY070) | Chili Make-up | Chili Build 1 (NY126) | Chili Build 2 (NY126) |
|------------------------------|-----------------|-------------------------|-------------------------|---------------|-----------------------|-----------------------|
| Conductivity (as μ mhos) | 299 Record | 2809 Record | 3878 Record | 299 Record | 3761 Record | 4473 Record |
| pH | 8.1 Record | 9.5 8 min | 10.6 8 min | 7.5 Record | 10.5 8 min | 10.3 8 min |
| Molybdenum (ppm as Mo) | | 0 50 - 75 | 80 50 - 75 | | 80 50 - 75 | 80 50 - 75 |

Opening Comment

Tuesday, October 15th and Wednesday, October 16th we visited the New York bases to conduct our second sampling and testing of 2024.

Amherst (NY010)

Online

We could not get onsite to conduct testing this visit.

Horseheads (NY030)

Online

We could not conduct testing at the Horseheads location as a pot feeder is not installed at this time.

Penn Yan (NY052)

Online

The Penn Yan location showed conductivity similar to that of our last testing. We can currently conclude that the system is not experiencing significant water loss. The pH seems to have decreased from our last testing which is something we will closely monitor during our next visit. The molybdenum residual was lower than the desired range, therefore we charged the system with a half of a pail of LoopGuard-62. We expect the residual to increase into optimal range by our next visit and the system to be effectively protected against corrosion and scale deposition.

Tonawanda (NY065)

Online

The Tonawanda location showed conductivity and pH results similar to our last testing. We can currently conclude that the system is not experiencing significant water loss. The molybdenum residual was lower than the desired range. Based on this residual level, your system is not actively protected against corrosion and scale deposition. The system will need a 1/2 pail charge of LoopGuard-62. We could not conduct this ourselves while onsite as there is no chemicals present within the boiler room. Please contact us if there is trouble with the chemical delivery.



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Building - Combined System

Webster Build 1 (NY070)

Online 

The Webster (building 1) location showed conductivity and pH results similar to our last testing. We can currently conclude that the system is not experiencing significant water loss. The molybdenum residual was lower than the desired range. In response, we charged the system with a half of a pail of LoopGuard-62. We expect the residual to increase into optimal range by our next visit and the system to be effectively protected against corrosion and scale deposition.

Webster Build 2 (NY070)

Online 

The Webster (building 2) location showed conductivity and pH results similar to our last testing. We can currently conclude that the system is not experiencing significant water loss. The molybdenum residual was within the optimal range, therefore we did not need to charge the system today. Based on this residual level, your system is actively protected against corrosion and scale deposition.

Chili Build 1 (NY126)

Online 

The Chili (building 1) location showed conductivity and pH results similar to our last testing. We can currently conclude that the system is not experiencing significant water loss. The molybdenum residual was within the optimal range, therefore we did not need to charge the system today. Based on this residual level, your system is actively protected against corrosion and scale deposition.

Chili Build 2 (NY126)

Online 

The Chili (building 2) location showed conductivity and pH results similar to our last testing. We can currently conclude that the system is not experiencing significant water loss. The molybdenum residual was within the optimal range, therefore we did not need to charge the system today. Based on this residual level, your system is actively protected against corrosion and scale deposition.

Closing Comment

Please reach out with any questions or concerns you may have.