



# Service Report

102324 Tidewater USARC WV FSR

Wednesday, October 23, 2024 9:20 PM EDT

Tidewater/USARC West Virginia  
4CZ2  
ATTN: Karlee Demain  
5835 Avenida Encinas  
Carlsbad California 92008  
(724) 678-6067

Report Number: 598045-1

Recorded By: Jung Kang  
(610) 920-2317  
jkang@delval.com

## Building - Combined System

Test	Preston County Kingwood (WV022)	Morgantown Bldg 1 (WV029)	Morgantown Bldg 2 (WV029)	Grafton (WV014)	Jane Lew (WV020)
Conductivity (as $\mu$ hos)	1834 Record	1340 Record	757 Record	513 Record	2243 Record
pH	9.34 8 min	8.7 6.5 - 8.5	8.21 6.5 - 8.5	8.13 8 min	8.74 8 min
Molybdenum (ppm as Mo)	35 30 - 50	0 30 - 50	0 30 - 50	0 30 - 50	0 30 - 50

### Opening Comment

We are onsite today to complete the annual fall water sampling and testing. We are charging water treatment chemical into loop systems as required. Ricky escorted us today into the facilities.

#### Preston County Kingwood (WV022)

Online

The hot glycol loop is continuing to yield excellent results today. These results indicate that the hot glycol loop system is currently protected from corrosion and scale deposition at this time. We will continue to monitor closely and make additional recommendations during future visits.

**Note:** This building currently has one (1) pail of inhibitor (LG-62) onsite.

#### Morgantown Bldg 1 (WV029)

Online

Ricky gave us a sample of the loop and we found no trace of inhibitor in the system. This would highly increase the potential for corrosion and scale deposition in the loop. Please let us know when the facility is available to charge the system with LG-62.

**Note:** This building currently has zero inhibitor and one (1) pail of pH control (CA-30) onsite. We plan to order four (4) pails of inhibitor for this facility. This will ensure product is available should for Building #1 & 2 as well as a spare pail for each building in case any major water losses occur in either of these hot loop systems.

Inhibitor order required = 4 x 5-gallon LG-62

#### Morgantown Bldg 2 (WV029)

Online

Ricky gave us a sample of the loop and we found no trace of inhibitor in the system. This would highly increase the potential for corrosion and scale deposition in the loop. Please let us know when the facility is available to charge the system with LG-62.

**Note:** Please see above note.

#### Grafton (WV014)

Online

The hot loop has chemical residue that is below our recommended control range in the system. We added 5-gallons of LG-62 to bring the chemical residual back within our desired control range. We will continue to monitor closely and make additional recommendations during future visits.

**Note:** This building currently has one (1) pail of inhibitor (LG-62) onsite. We will order (1) 5-gallon pail of LG-62.



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## Building - Combined System

Jane Lew (WV020)

Online 

The hot loop has chemical residue that is below our recommended control range in the system. We added 5-gallons of LG-62 to bring the chemical residual back within our desired control range. We will continue to monitor closely and make additional recommendations during future visits.

**Note:** This building currently has one (1) pail of inhibitor (LG-62) onsite. We will order (1) 5-gallon pail of LG-62.

## Closing Comment

We are seeing mixed results based on the various status of each facility systems in this zone. We will continue to work with your team to get all of the systems online and protected. Please do not hesitate to reach out on the phone or email above with any additional questions or concerns.