

Date: 9/2/2025

SITE VISITATION REPORT

Facility 1

Attention:


Staff

| Systems | |
|--|--|
| Sample ID | Comment |
| Test Sink Cold Dist | Chlorine meets the IEPA's required min of 0.5 ppm Free OR 1.0 ppm Total. |
| Test Sink Hot Dist | Chlorine meets the IEPA's required min of 0.5 ppm Free OR 1.0 ppm Total. |
| Old faithful Boiler | Phosphate is below the 30 - 60 mg/L target range; Increase Phosphate dose. , Sulfite is below the 20 -50 mg/L target range; Increase Sulfite Dose. |
| Admin roof Cooling Tower (OP) | Organophosphonate is within the 5 - 7 ppm target range., Low biological activity, good control. |
| Laundry Softener | Satisfactory softening, effluent is good quality. |
| Add. Comments | |
| Next visit will be next month. Will adjust treatment for boiler during that visit. | |

Institutional Water Treatment Program

Technical Assistance | Illinois Sustainable Technology Center
Prairie Research Institute| University of Illinois at Urbana-Champaign



| Date: 9/2/2025 | | | | | | | | | | | | | | Institutional Water Treatment Program | | | | | | | | | |  | |
|----------------------|--------------------|--------------|----------------|-----|-----------|---------------|-------|-----------|----------|----------|---------|----------|------------|--|----------|---------------|-----------|---------|----|-----|---------|--------|----------------|---|--|
| Location: Facility 1 | | | | | | | | | | | | | | Technical Assistance Illinois Sustainable Technology Center | | | | | | | | | | | |
| Attention: Staff | | | | | | | | | | | | | | Prairie Research Institute University of Illinois at Urbana-Champaign | | | | | | | | | | | |
| DATA INPUT | | | | | | | | | | | | | | | | | | | | | | | | | |
| System Information | | | Meter Readings | | | Pinks & Blues | | | | | | Misc. | | IEPA (POTABLE) | | | Treatment | | | | | | | | |
| # | System Type | System Name | Cond. | pH | Temp (*C) | P Alk | M Alk | OH Alk | Chloride | Hardness | Calcium | Live ATP | Glycol (%) | Free Cl | Total Cl | Max Temp (*C) | PO4 | SO2 | Mo | NO2 | Polymer | Silica | Orthophosphate | Copper | |
| 1 | Cold Dist | Test Sink | 525 | 7.5 | 20 | | | | | | | | | 2.6 | 3 | | | | | | | | | | |
| | | Range | | | | | | | | | | | | 0.5 - 4 | 1 - 4 | | | | | | | | | | |
| 2 | Hot Dist | Test Sink | 560 | 7.4 | 51.1 | | | | | | | | | 0.5 | | | | | | | | | | | |
| | | Range | | | | | | | | | | | | 0.5 - 4 | 1 - 4 | | | | | | | | | | |
| 3 | Boiler | Old faithful | 2500 | | | 470 | 600 | 340 | | 1 | | | | | | | 25 | 40 | | | | | | | |
| | | Range | 2000 - 5000 | | | 250 - 800 | | 200 - 400 | | 0 - 5 | | | | | | | 30 - 50 | 50 - 80 | | | | | | | |
| 4 | Cooling Tower (OP) | Admin roof | 2000 | | | | | | | 400 | | 30 | | | | | | | | | | | 6 | | |
| | | Range | | | | | | | | | | 0 - 70 | | | | | | | | | | | | | |
| 5 | Softener | Laundry | 580 | | | | | | | 0 | | | | | | | | | | | | | | | |
| | | Range | 472.5 - 700 | | | | | | | 0 - 2 | | | | | | | | | | | | | | | |