# SRRUC Operation Summary 2023

| Day | January |
|---|---|
| 29 | River pump freezing up. |
| 30 | River pump thawed. |
| | |
| **Day** | **February** |
| 23 | Calibrate On-Line distribution analyzer pH (4 and 7). |
| | |
| **Day** | **March** |
| 21 | HACH service of testing equipment. |
| | |
| **Day** | **April** |
| 4 | Power Outage 20 alarms occurred. |
| 9 | River pump off due to high turbidity. |
| 18 | Stilling basin & river pump on… River turbidity at 8 NTU. |
| | |
| **Day** | **May** |
| 26 | River Pump Line/hose Leaking (hose replaced in June). |
| | |
| **Day** | **June** |
| 6 | Raw water pump 1002 sent in for repair. |
| 14 | UV 5301 Low Dose. |
| 14 | Increased the UV system(s)lamp power to 100%. |
| 20 | Online Raw NTU analyzer cleaned, Well 8 Off due to IO not being met. |
| 21 | Diphram replaced in pre-chlorination pump. |
| 23 | Facility lighting replaced with LED. |
| **Day** | July |
| 12 | HACH service on/of all Train NTU analyzers |
| 27 | New cell installed into On-Site chlorine generation unit |
| | |
| **Day** | **August** |
| 1 | Chlorine analyzer for distribution header cleaned |
| 5 | Online Raw NTU analyzer cleaned, cleaned UV chlorine analyzer trides sensor. |
| 17 | Well 7 turned off |
| 19 | UV 5301 Low Dose |
| 22 | UV 5301 Low Dose |
| 23 | UV 5301 Low Dose |
| 24 | UV 5301 Low Dose |
| 25 | UV 5301 Low Dose |
| 26 | Cleaned UV 5301 sensor and glass (sensor is browning, causing lower dose readings) |
| 27 | UV 5301 Low Dose |
| 27 | UV 5201 Low Dose |
| 27 | Replaced UV 5201 lamp (burnt out) |
| | |
| **Day** | **September** |
| 11 | Inspect raw water reservoirs |
| 13 | Installed new UV sensor on UV5301 |
| 18 | Cleaned strainers in prio to booster station pumps |
| 27 | Uv 5301 ballast #2 replaced |
| | |
| **Day** | **October** |
| 3 | UV 5301 lamp (burnt out) replaced all almps and reset hour meter |

| | |
|---|---|
| | |
| **20** | Discontinued use of Isofloc90 (coagulant) to reduce aluminum in water (Operational Goal) |
| **23** | Chamco to service air compressors |
| | |
| **Day** | **November** |
| **3** | Pressure transmitter for West Diamond Valley distro replaced |
| **3** | Heat trace and insulate river pump hose |
| **10** | UV 5101 and UV 5201 Low Dose |
| **19** | Raw water NTU analyzer cleaned |
| **20** | Use of new HACH DR900 Colorimeter |
| **23** | UV 5101 and UV 5201 Low Dose |
| | |
| **Day** | **December** |
| **9** | Cleaned BD analyzer |
| **12** | Used old pH probe for BD analyzer also cleaned and calbrated unit |
| **13** | UV 5301 Low Dose |
| **19** | Coagulant day tanks cleaned |
| **30** | Cleaneand calibrate UV analyzer |
| **31** | Clean Train 1 NTU analyzer |