

# Strawberry Water Conversion Contract

**July 1847**

Mormon settlers arrived in Utah

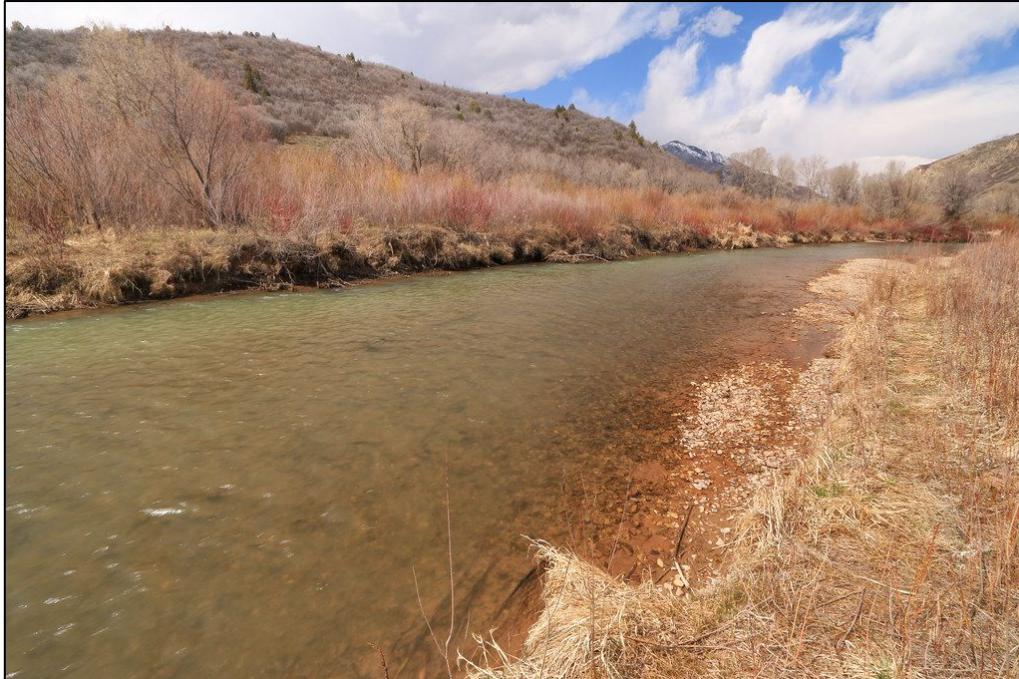
**March 1860**

South Utah Valley  
settlers began  
diverting water  
from the Spanish  
Fork River



**1900**

Additional water was needed to bring more land into agriculture production



Spanish Fork River

**August 1902**

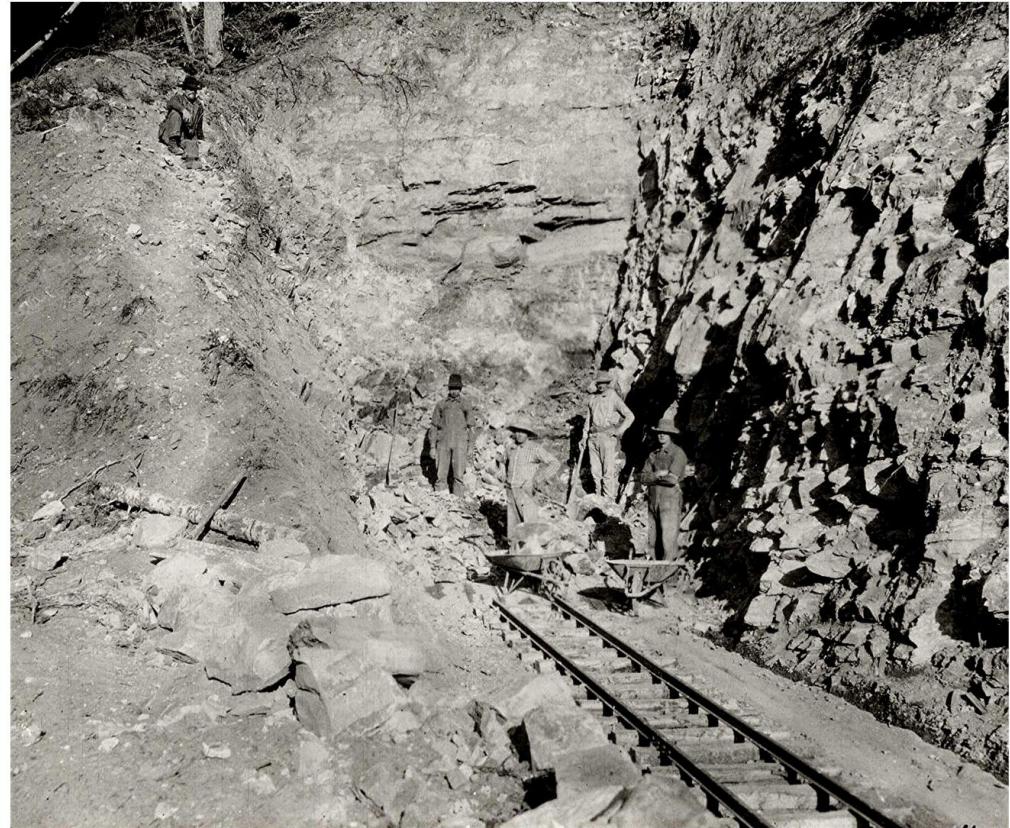
Local officials filed necessary paperwork to petition the U.S. government to fund and construct a reservoir and power plant

**December 1905**

Strawberry Valley Project  
was established

**April 1922**

Strawberry Water  
Users Association was  
established



Start of the West Portal Tunnel, Eventually 3.8 Miles Long (1907)



Intake Box at East Portal of the Strawberry Tunnel (Nov. 1912)



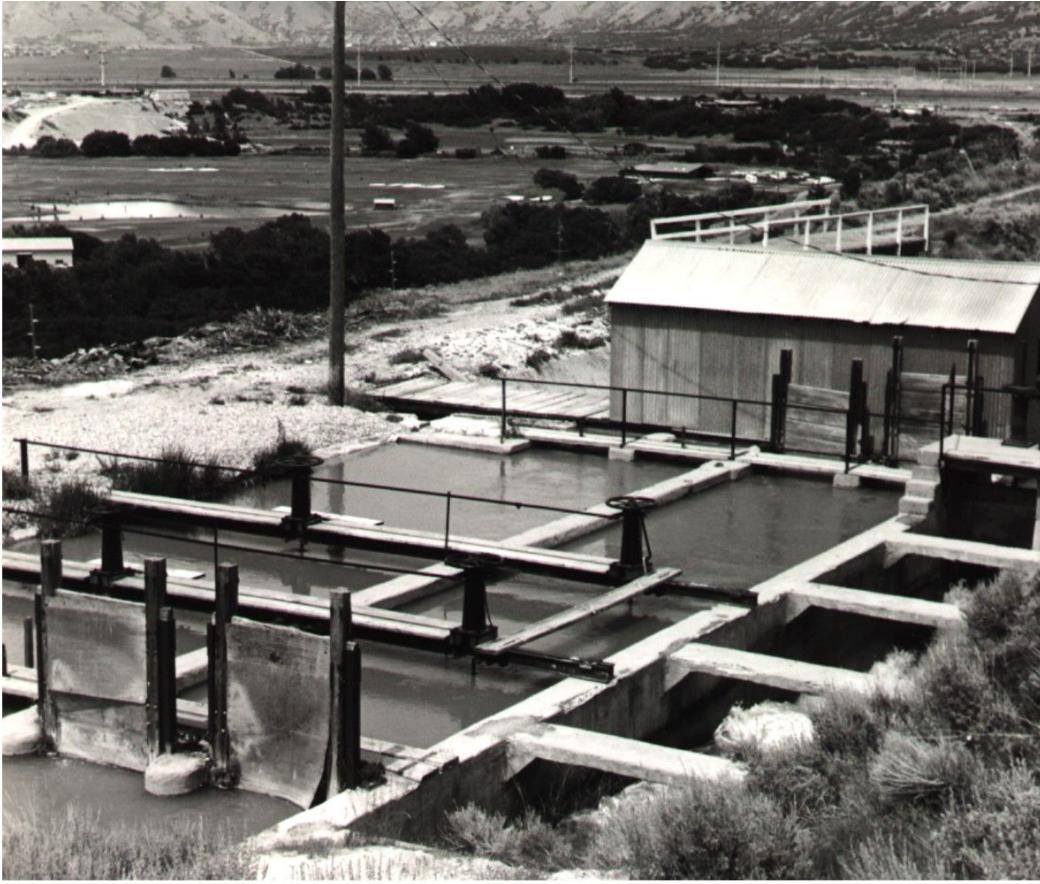
Strawberry Dam (October, 1912): The dam began filling when the sluiceway was closed on October 29, 1912.



Strawberry Tunnel West Portal Structure



Strawberry Power Canal: Culvert During Construction of Wasteway of the Forebay



Diversion at the End of the Power Canal: At this end, half of the water is diverted down into a pressure pipe for the powerhouse, and the rest goes into the High Line Canal.



Completed Spanish Fork Diversion Structure: Water was turned into the Power Canal on December 13th, 1908, and in the spring of 1909, the gatekeeper's house (shown on the left) was built.



Powerplant Site

**June 1922**

Strawberry Valley Project  
was completed

**1926**

Strawberry Water Users  
Association contracted  
with the Bureau of  
Reclamation to deliver  
water to nine canal  
companies, operate and  
maintain the system and  
repay the \$3.5 million  
debt



# Population Projections

(Source: Kem C Gardner Policy Institute)

What does that look like?

**UTAH'S POPULATION:**  
**5.8 million by the year 2065**

Kem C. Gardner Policy Institute

## JUAB COUNTY

30,069



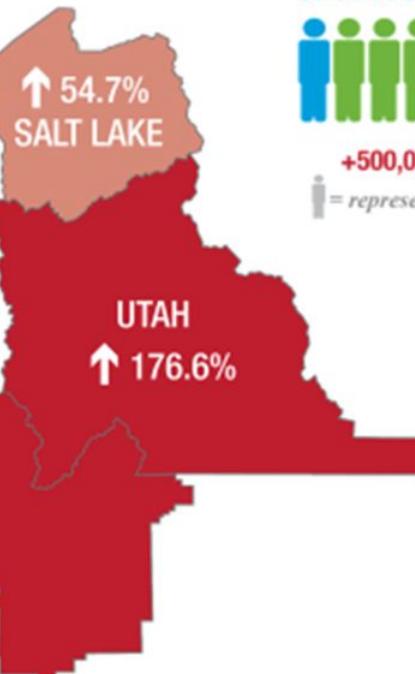
11,555

people

+19,000 new residents

= represents 10,000 people

JUAB 171.6%



## SALT LAKE COUNTY



1,693,913

1,152,633  
people

+500,000 new residents

= represents 100,000 people

## UTAH COUNTY



1,620,246

622,213  
people

+1 million new residents

= represents 100,000 people



# Contractual Obligations

Strawberry Valley Project water is:

1. appurtenant to specific parcels
2. used for agricultural purposes

In 1920, Congress passed the  
Miscellaneous Purposes Act

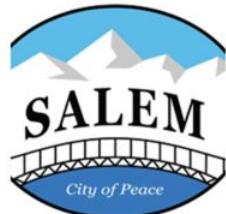
## HISTORY OF SVP SHARES AND SFC



# Pursuing Conversion of Strawberry Valley Project Water



— BUREAU OF —  
RECLAMATION

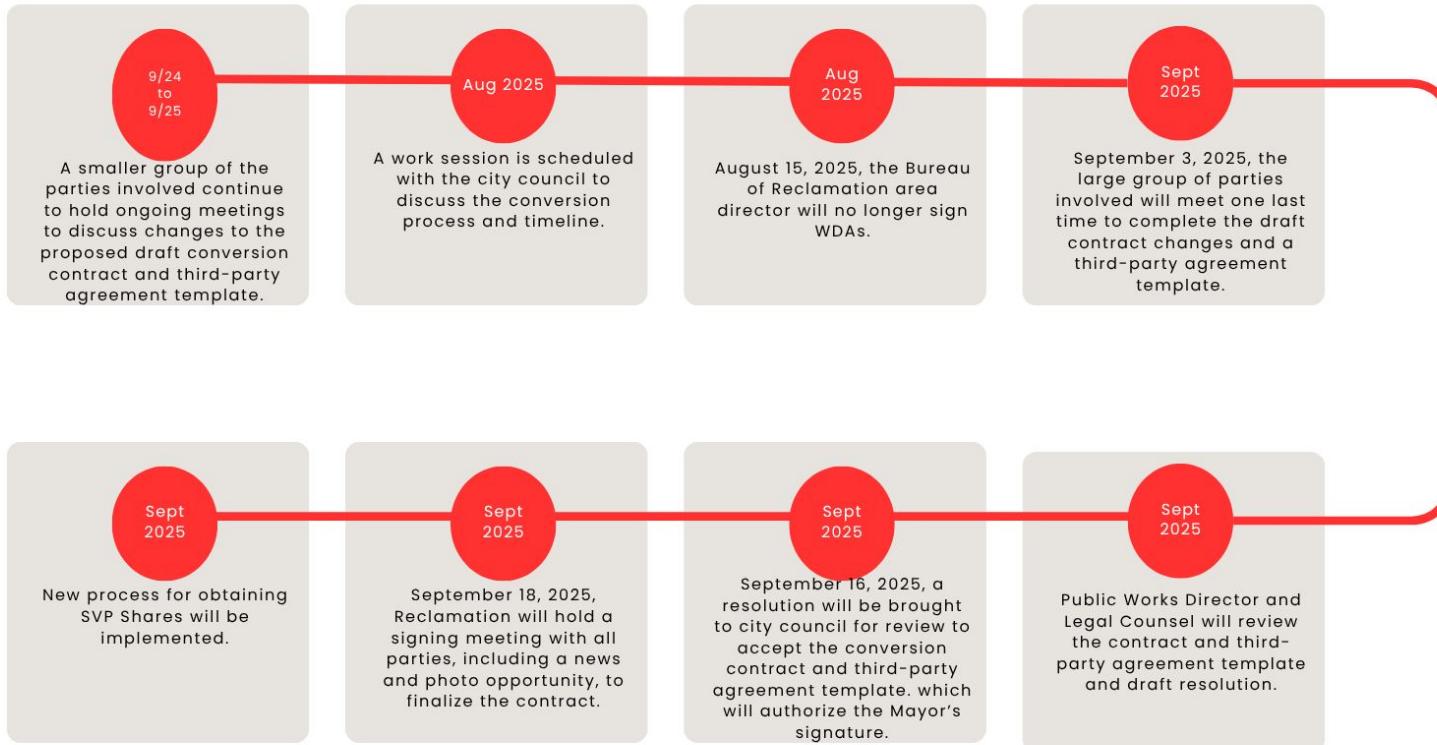


River Companies



**SPANISH FORK**  
PRIDE & PROGRESS

## HISTORY OF SVP SHARES AND SFC



# KEY POINTS OF MISCELLANEOUS PURPOSES CONTRACT





# **Staff Report: Utah State Water Adjudication Questions**



## Department of Natural Resources

### State of Utah

SPENCER J. COX  
Governor

DEIDRE M. HENDERSON  
Lieutenant Governor

JOEL FERRY  
Executive Director

Division of Water Rights  
TERESA WILHELMSEN  
State Engineer/Division Director

July 10, 2025

Dear Water User(s),

The State Engineer (Division of Water Rights) has issued the Notice to File Claims in the adjudication of the Spanish Fork/Mapleton Subdivision (Area 51, Book 8) within the Utah Lake – Jordan River General Adjudication of Water Rights. If you want to assert or maintain a water right in the Spanish Fork/Mapleton Subdivision **you must file a claim to the use of a water right**. A water right is generally associated with the use of water from a well, spring, or stream but does not include a water service connection to the local municipality nor a share in an irrigation company.

Completed, signed, and dated Water User's Claims can be filed with the State Engineer's Office in any of the following ways:

- 1) Mail to: 1594 West North Temple, Suite 220, PO Box 146300, Salt Lake City, UT 84114-6300
- 2) Email to: [waterrights\\_adjudication@utah.gov](mailto:waterrights_adjudication@utah.gov)
- 3) Personal delivery to any Division of Water Rights office

Due to the great interest in the general adjudication process, the State Engineer will be holding a series of open house events to assist the public during the claim filing period. Multiple staff members will be available during these events to meet with members of the public individually and discuss any questions they may have about the adjudication process or the filing of a Water User's Claim.

Staff from the Division of Water Rights will be available to meet with individuals at the **Heritage Room of the Spanish Fork Library, 80 S Main St, Spanish Fork UT 84660** during the following times:

- Wednesday July 16, 2025, from 3:00 p.m. to 7:00 p.m.
- Tuesday August 5, 2025, from 10:00 a.m. to 2:00 p.m.

Additionally, a recording of the public meeting that was held on June 10, 2025 is available on the Division of Water Rights YouTube Channel under past meetings, or at the following web address under the past meetings link: <http://www.waterrights.utah.gov/meetinfo>

Sincerely,

Chase McDonald, P.E.  
Assistant State Engineer – Adjudication

Enclosures

1. Notice to File Claims

1594 West North Temple, Suite 220, PO Box 146300, Salt Lake City, UT 84114-6300  
telephone (801) 538-7540 • facsimile (801) 538-7467 • [www.waterrights.utah.gov](http://www.waterrights.utah.gov)



## What is a Water Rights Adjudication?

# UTAH STATE WATER ADJUDICATION

## FREQUENTLY ASKED QUESTIONS

1

### I received a letter from the Division of Water Rights. Do I need to do anything?

Most likely not, if you receive your drinking water and pressurized irrigation from Spanish Fork City. The adjudication process is meant for those who hold individual water rights—typically from a private well, spring, stream, or for agricultural use.

2

### What is a Water Right?

A water right is legal permission to divert and use water from a natural source, such as a well, spring, or stream. This does not include water delivered by the City or water shares in an irrigation company.

3

### **I live in Spanish Fork and use City water for my home and yard. Do I have a water right?**

Probably not. If all of your water comes from City utilities, you are not the holder of a water right and do not need to file a claim. The City holds the rights for the water it provides to residents.

4

### **Who needs to file a Water User's Claim?**

You may need to file a claim if:

- You use water from a private well.
- You use water for livestock or crop irrigation on your property.
- You are unsure if you have a water right and want confirmation.

5

### **I'm still unsure if I have a water right.**

#### **What should I do?**

Contact the Utah Division of Water Rights directly at  
[waterrights\\_adjudication@utah.gov](mailto:waterrights_adjudication@utah.gov)

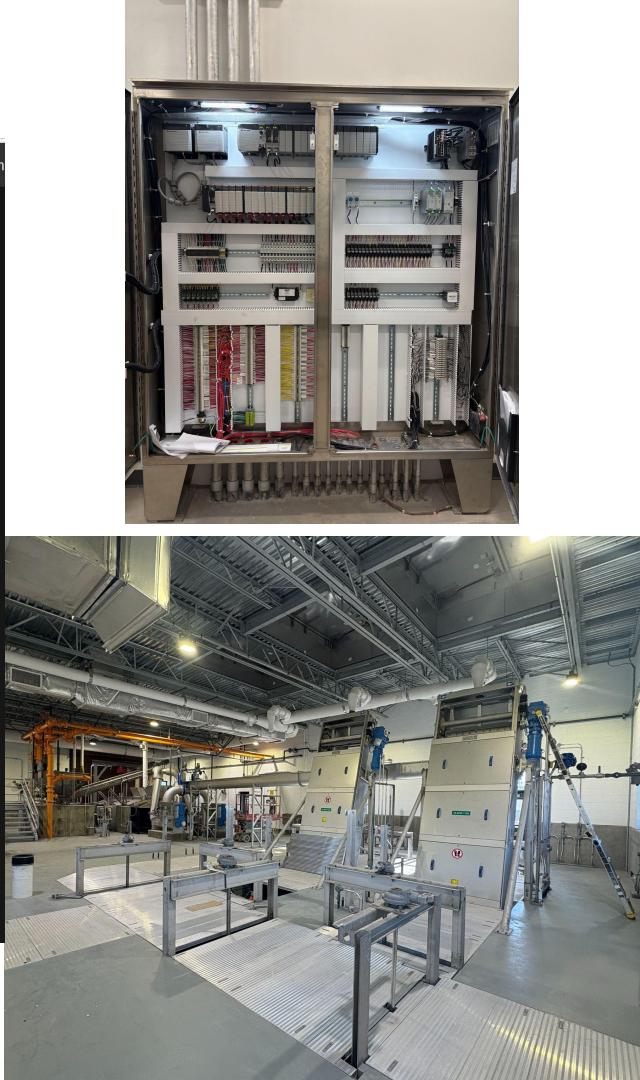
or you can watch a recording of the June 10, 2025 meeting at:

[www.waterrights.utah.gov/meetinfo](http://www.waterrights.utah.gov/meetinfo)

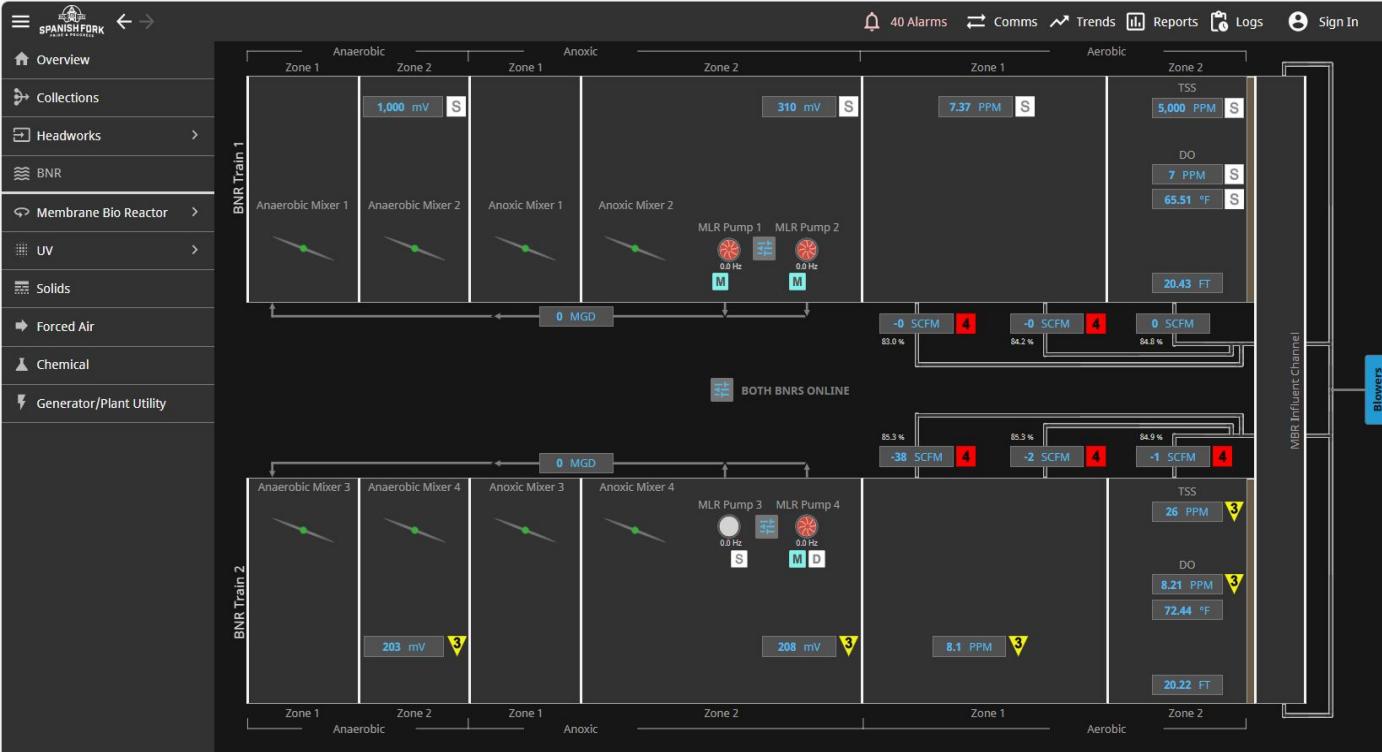


# **Staff Report: Water Reclamation Facility Start Up**

# Headworks



# BNR Basins



# MBR Basins

SPANISHFORK  

Overview   

Collections  

Headworks  

BNR

Membrane Bio Reactor  

UV  

Solids

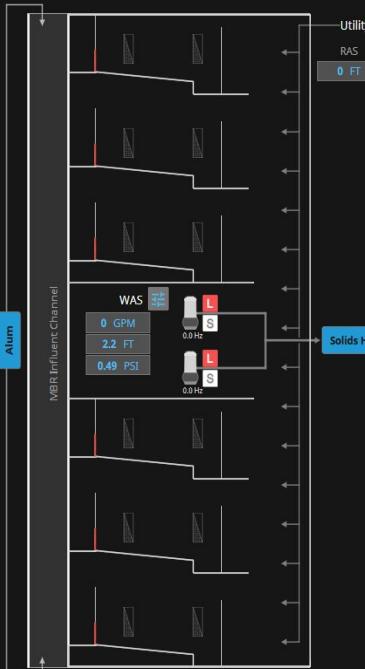
Forced Air

Chemical

Generator/Plant Utility

**Alm**

MBR Influent Channel



Utility Water RAS 0 FT S

WAS 0 GPM 2.2 FT 0.49 PSI

Solids HT

Tanks Waiting

Tanks Filtering

RESET ALL MBR ALARMS

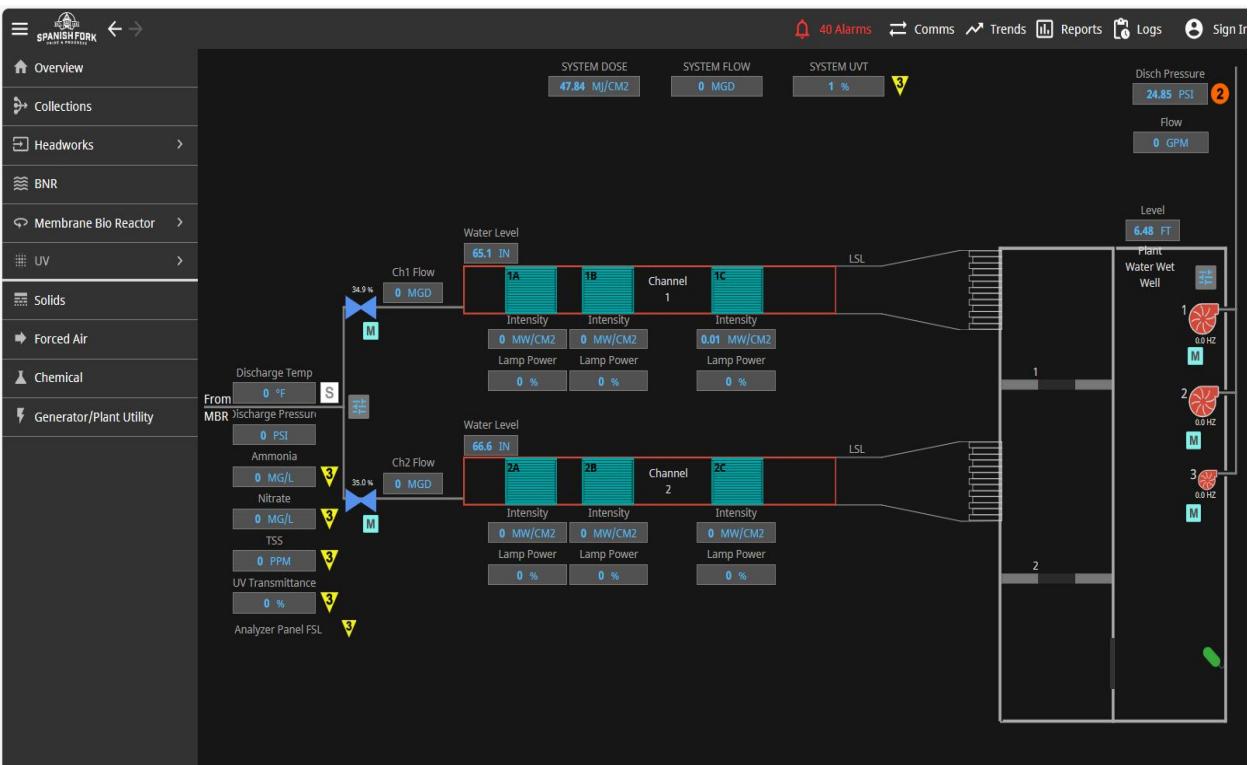
40 Alarms  Comms Trends Reports Logs Sign In Au

System Config

	Basin 1	Basin 2	Basin 3	Basin 4	Basin 5	Basin 6
StepTime	542/720	28/720	60/60	60/60	286/720	60/60
MIXED LIQUOR FEED	NOT READY					
AIR SCOUR	NOT READY					
BASIN LEVEL	36.29 IN	90.98 IN	90.63 IN	91.29 IN	91.51 IN	91.71 IN
PERMEATE FLOW	-0.63 GPM	-0.36 GPM	-0.55 GPM	-0.63 GPM	0.69 GPM	-1.16 GPM
AIR SCOUR FLOW	1.30 SCFM	0.74 SCFM	0.66 SCFM	1.19 SCFM	0.60 SCFM	0.07 SCFM
TRANSMEMBRANE PRESSURE	0.00 PSI					
FLUX	-0.01 GFD	-0.00 GFD	-0.00 GFD	-0.01 GFD	0.01 GFD	-0.01 GFD
FILTRATION MODE	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
FLOW SP MODE	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
MANUAL FLOW SP	1350 GPM	1100 GPM				
RECIRCULATION MODE	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
MAINTENANCE CLEAN INTERVAL	168.0 HRS					
TIME SINCE MC	121.0 HRS	97.2 HRS	7.1 HRS	74.5 HRS	56.5 HRS	48.3 HRS
ACID CIP INTERVAL	180 DAYS					
TIME SINCE ACIP	28 DAYS	28 DAYS	29 DAYS	29 DAYS	30 DAYS	30 DAYS
HYPOT CIP INTERVAL	90 DAYS					
TIME SINCE HCIP	6 DAYS	5 DAYS	4 DAYS	4 DAYS	3 DAYS	3 DAYS
ADDITIONAL SOAK TIME	0.00 HRS					
ESTIMATED SOAK TIME	0.00 HRS					



# UV Disinfection



# Timeline

- 7 day functional test complete (plant running in auto 24/7)
- Peak hour test complete (16 mgd for 1 hour)
- 200 E closed this week to bypass pump and complete tie in
- Seed plant with biology next week
- Once biology is treating properly, introduce full flow

