

City of Wolfforth Technologies

- GIS
- Supervisory Control and Data Acquisition
 - To ensure we can sell most of what we produce.
 - Efficient production.
- Storage
 - Allows the wells and system recovery time.
- Electrodialysis Reversal
 - Provides high quality treated water at minimal loss.
- Electronic and Radio Read meters

GIS









[Wolfforth GIS Link](#)

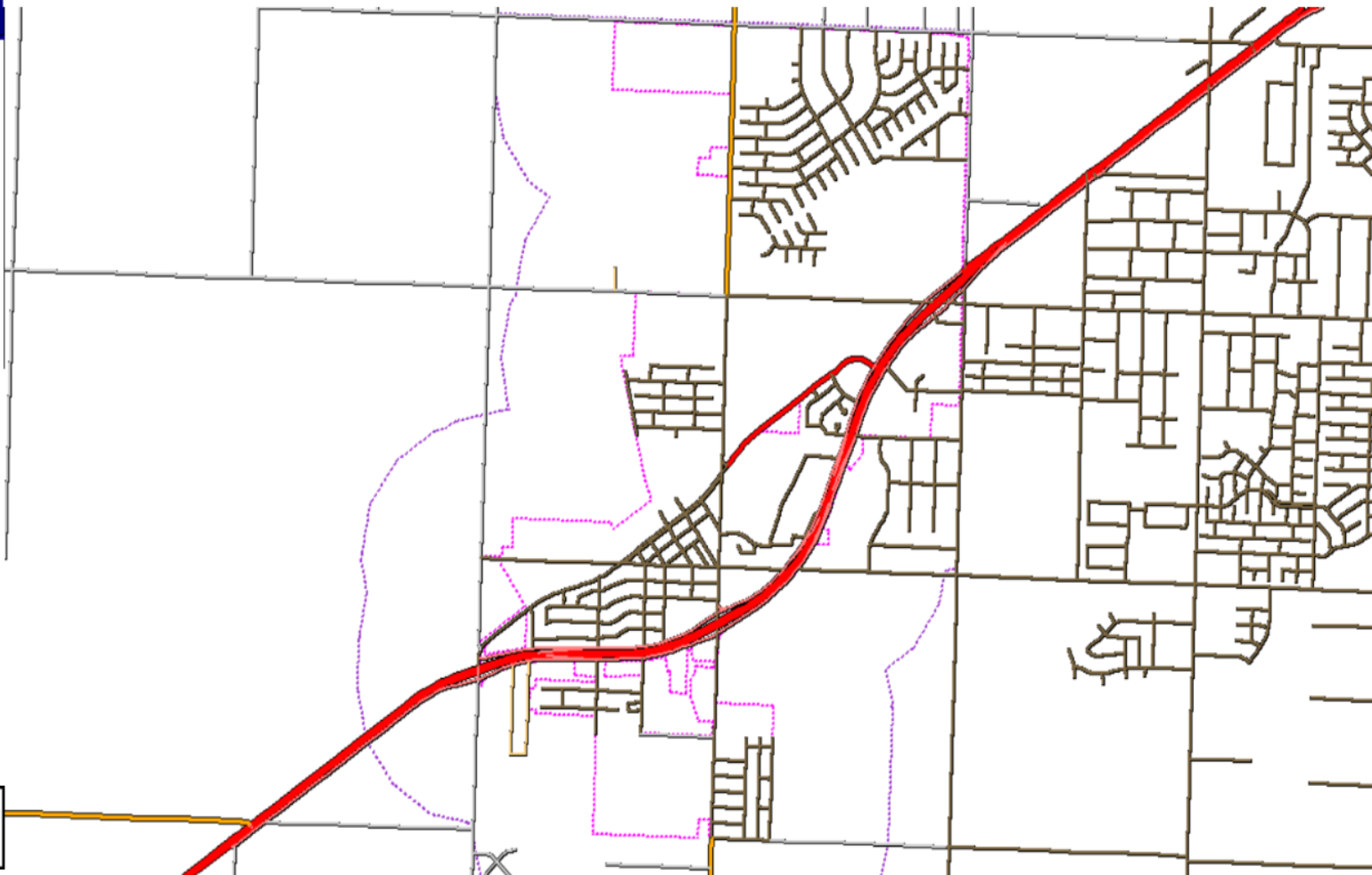
Well Management Websites

[Well Management Site](#)

Map Legend

Local Road Labels

-  Highway
-  Highway Frontage
-  FM Road
-  County Road
-  City Street
-  Private Road
-  Extra-territorial Jurisdiction
-  City Limits



Map Layers

Utilities

- ☐ Major Electric Transmission Lines
- ☐ Address Points
- ☐ Fire Hydrants
- ☒ Municipal Water Wells
- ☒ Water Valves
- ☐ Water Storage
- ☐ Booster Pump Station
- ☒ Water Mains
- ☐ Air / Vacuum Valve
- ☒ Manholes
- ☒ Lift Stations
- ☒ Flow Arrows
- ☐ Abandoned Wastewater Mains
- ☒ Wastewater Force Mains
- ☒ Wastewater Gravity Mains

Schools

Misc. Data

2010 Census

Transportation

Planning

2009 Comprehensive Plan

Floodplain

Hydro

Active Tool:  Zoom In

Active Layer: City Limits



WELL 18



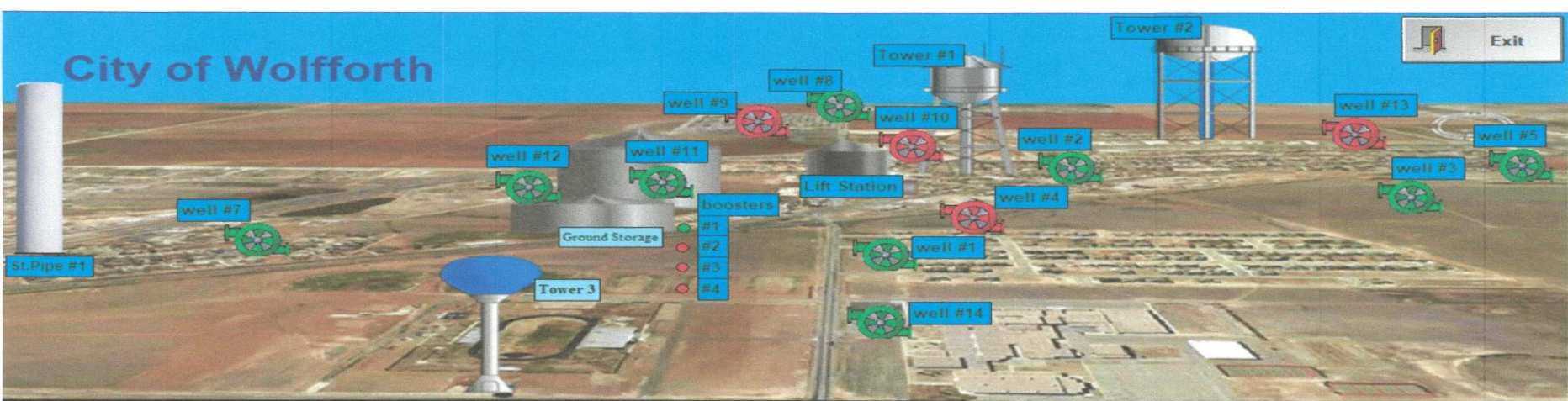


WELL 7

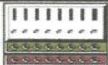
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City of Wolfforth

Exit



PLC Communication



Write



0

Read

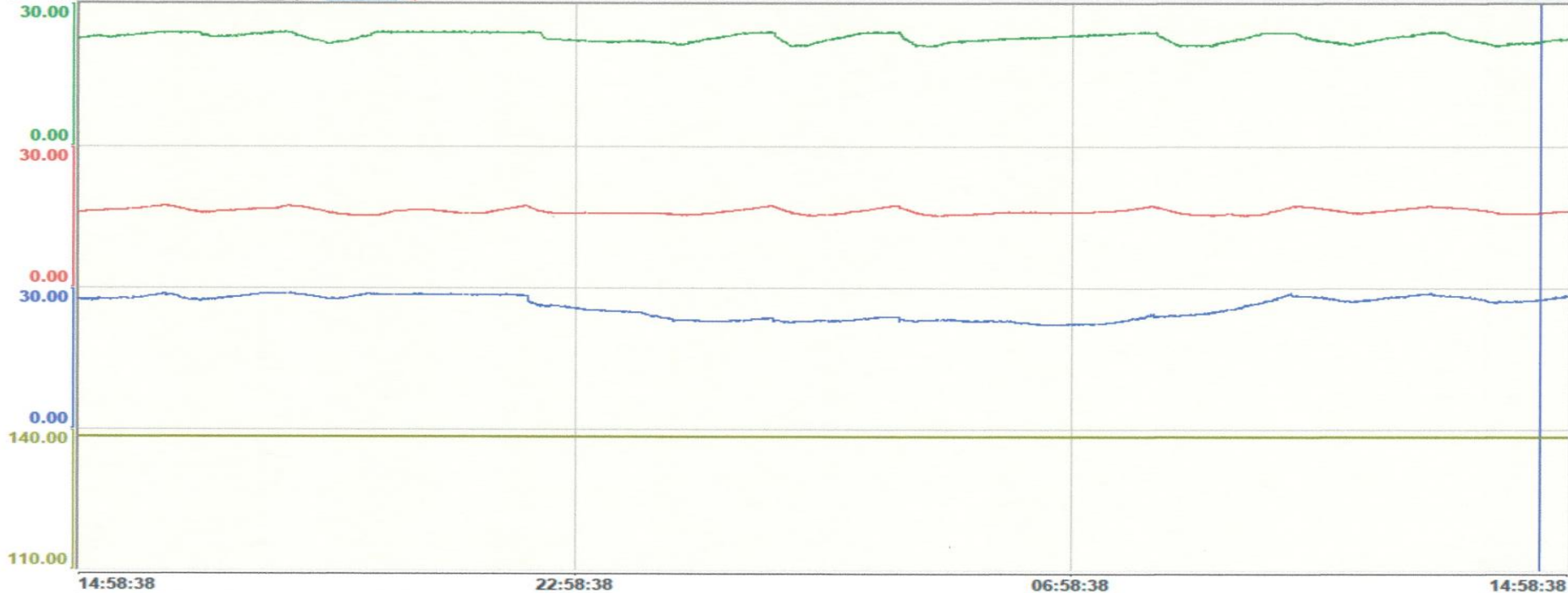


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EDR Read



- Trends
- Configuration
- Alarms
- Totals
- Events
- Lift Station
- Towers
- Wells 1 - 5
- Wells 7 - 12
- Wells 13 - 17
- Booster Station
- EDR Screen



14:58:38

22:58:38

06:58:38

14:58:38

<

07/25/2018 14:58:38

Duration: 24:00:00

07/26/2018 14:58:38

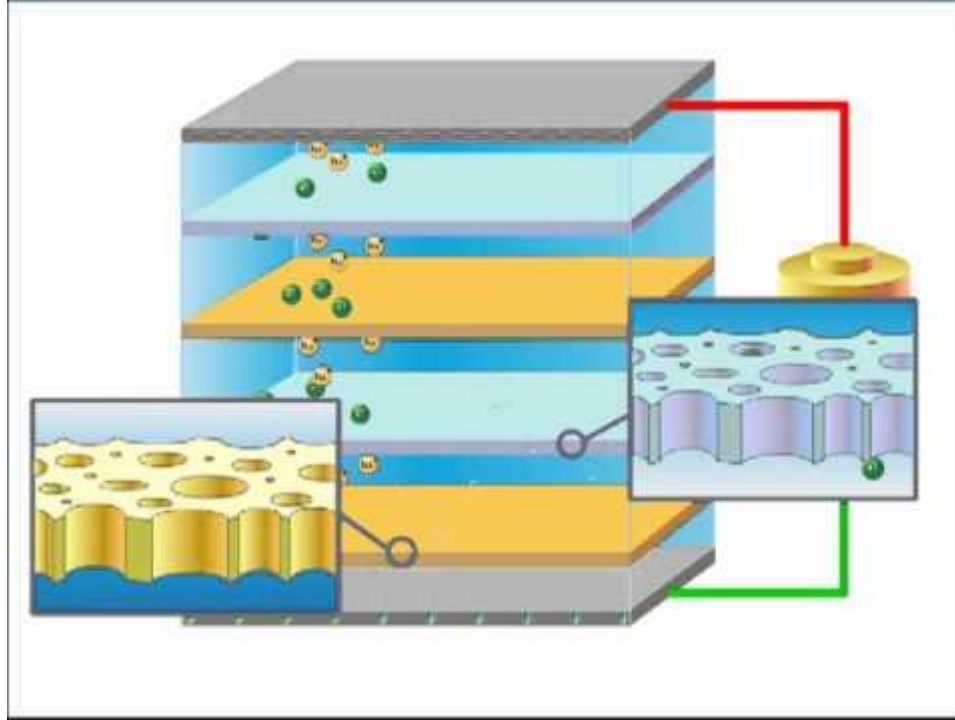
Print

Ground Storage
Trends

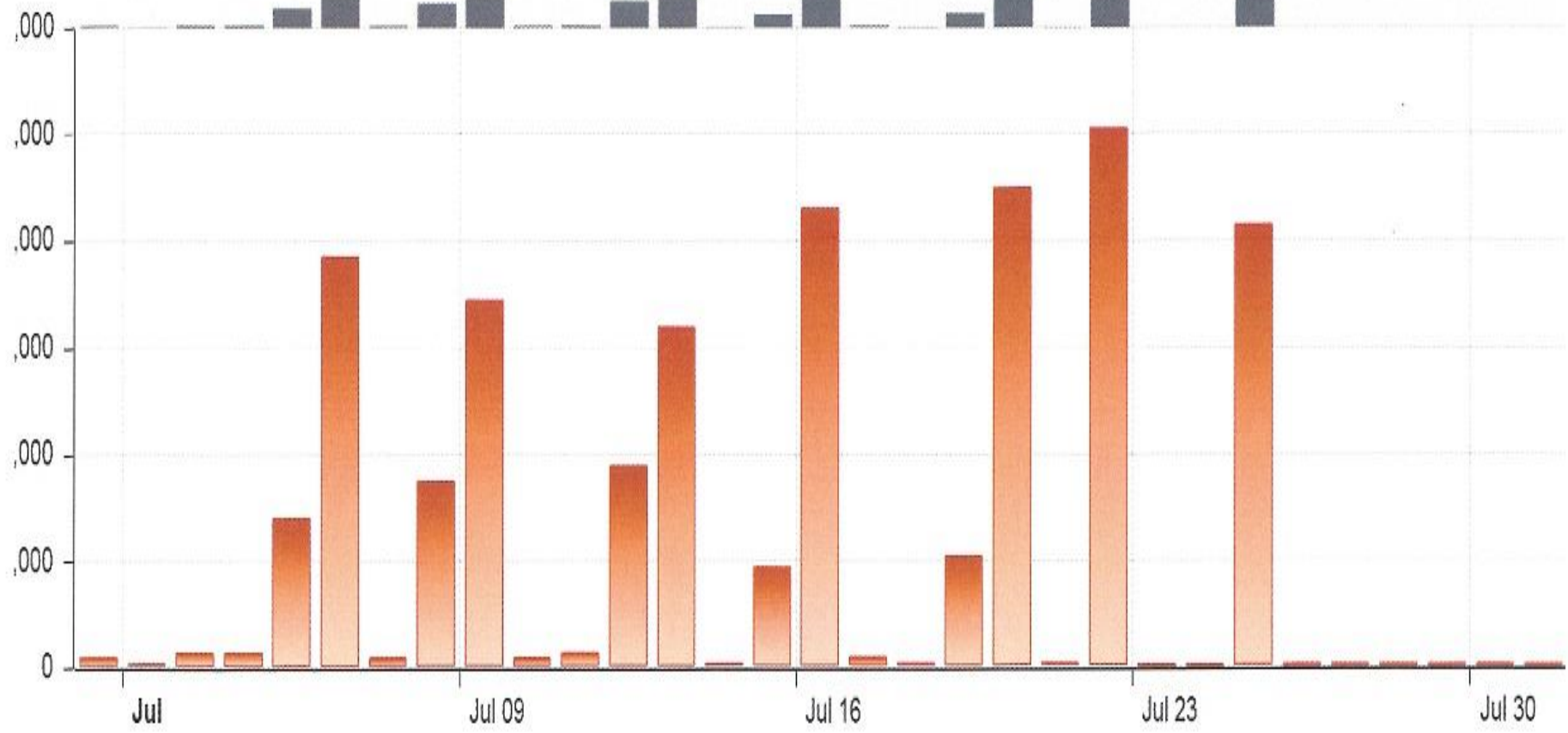
Cursor Date/Time: 07/26/2018 14:31:48.43

Close Screen

Electrodialysis Reversal







Consumption

Page 1 of 2

Date	MIU: 1410191966	Compound MIU ID	Total
07-31-2018	0.0	0	
07-30-2018	0.0	0	
07-29-2018	0.0	0	
07-28-2018	0.0	0	
07-27-2018	0.0	0	
07-26-2018	0.0	0	
07-25-2018	4,150.0	0	
07-24-2018	0.0	0	
07-23-2018	0.0	0	
07-22-2018	5,050.0	0	
07-21-2018	50.0	0	
07-20-2018	4,500.0	0	
07-19-2018	1,050.0	0	
07-18-2018	50.0	0	
07-17-2018	100.0	0	
07-16-2018	4,300.0	0	
07-15-2018	950.0	0	
07-14-2018	50.0	0	
07-13-2018	3,200.0	0	
07-12-2018	1,900.0	0	
07-11-2018	150.0	0	
07-10-2018	100.0	0	
07-09-2018	3,450.0	0	
07-08-2018	1,750.0	0	
07-07-2018	100.0	0	

Page 1 of 2

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Date	MIU: 1410191966	Compound MIU ID	Total
07-06-2018	3,850.0	0	
07-05-2018	1,400.0	0	
07-04-2018	150.0	0	
07-03-2018	150.0	0	
07-02-2018	50.0	0	
07-01-2018	100.0	0	

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Jul-26-2018

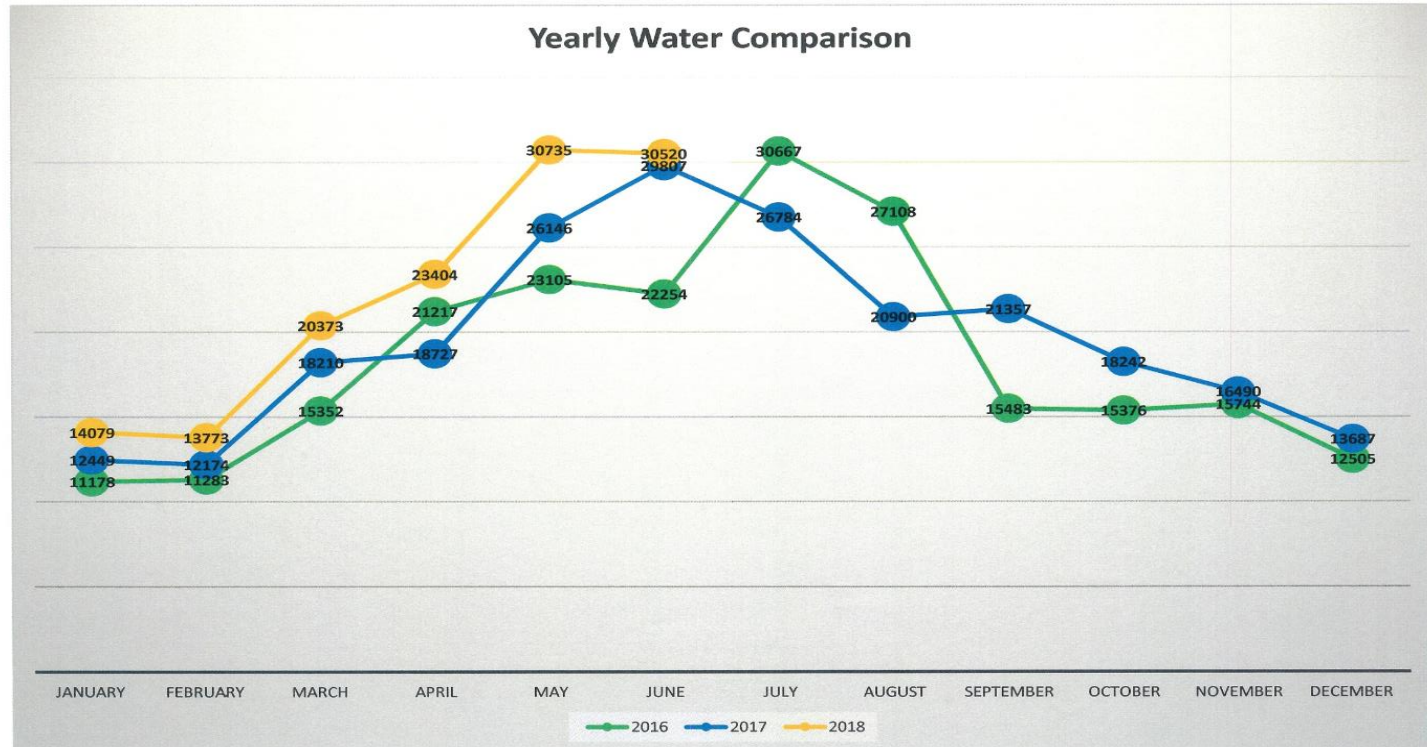
Hour 21	0
Hour 22	0
Hour 23	0
Hour 24	0
Total	0

07-25-2018

Hour 1	0
Hour 2	0
Hour 3	0
Hour 4	0
Hour 5	0
Hour 6	0
Hour 7	0
Hour 8	0
Hour 9	0
Hour 10	0
Hour 11	0
Hour 12	0
Hour 13	0
Hour 14	0
Hour 15	0
Hour 16	800
Hour 17	1100
Hour 18	550
Hour 19	1700
Hour 20	0
Hour 21	0
Hour 22	0
Hour 23	0
Hour 24	0
Total	4150

07-26-2018

Hour 1	0
Hour 2	0
Hour 3	0
Hour 4	0
Hour 5	0
Hour 6	0
Hour 7	0
Hour 8	0
Hour 9	0



Challenges

- Blending of old/new technologies
- Regulatory issues
- Funding and debt

Future options

- Deeper brackish groundwater requiring desal
- Sources farther from the City
- Purchasing from other Cities, regional systems
- Reuse
- Ice Pigging