

Public Works Monthly Report by Department

**Ernesto Rios Director
of Public Works
September 2025**



PW Admin. Department



City of Lago Vista

Public Works Department

Monthly Report

Reporting Period: September 2025

I. Overview

The Public Works Department continued to advance multiple infrastructure and coordination initiatives throughout the reporting period. Department activities focused on project planning, compliance oversight, interdepartmental collaboration, and engagement with local agencies, developers, and city officials.

II. Project Coordination and Construction Activities

- **Sunset Driveway Improvement Project:**
Public Works staff attended the pre-construction meeting with contractors to review project scope, specifications, and scheduling. The Department emphasized adherence to city standards and safety requirements to ensure quality construction and minimal disruption.
 - **ARV Installation Project:**
Staff participated in the pre-construction meeting for the ARV Installation associated with a new development. Public Works representatives ensured that all installation plans align with municipal infrastructure specifications and development requirements.
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III. Committee and Agency Meetings

- **Irrigation Committee:**
Public Works representatives attended the committee meeting to discuss Effluent irrigation design and Scope of Work.
- **FEMA Coordination:**
Department staff attended a FEMA meeting related to **July 4th relief assistance**, addressing disaster recovery efforts and identifying future mitigation opportunities in coordination with federal representatives.

IV. Interdepartmental Collaboration

Director of Public Works met with **Plant Operations, Street Department, and Utilities Division** to review ongoing project standards, establish completion timelines, and schedule routine progress updates. These meetings reinforced the Department's commitment to efficiency, accountability, and interdepartmental coordination.

V. City and Development Relations

- **Director of Public Works** met with the **new Director of Development Services** to formally welcome and discuss coordination procedures, communication channels, and alignment of development-related initiatives.
 - Public Works staff held meetings with **private developers** to address project-related inquiries and ensure compliance with city construction and design standards.
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VI. City Official Engagement

The **Director of Public Works** conducted a guided tour for city officials, providing updates on current infrastructure projects, upcoming improvement sites, and future capital planning priorities.

The Public Works Department remains dedicated to maintaining the city's infrastructure with the highest standards of quality, safety, and efficiency. Through continued collaboration with city departments, contractors, developers, and external agencies, the Department strives to deliver projects that meet community needs and support sustainable urban development.

Prepared by:

Ernesto Rios

Public Works Director

Date: October 15th, 2025

Plants Department



Monthly Plant Operations Report

During the past month, Water Plant 1 maintained steady operations. The plant continued to refine its treatment process through ongoing testing of chemical dosages to achieve optimal results. Operators have observed improved filter turbidity and have been adding more bentonite to develop thicker blankets within the clarifiers. Trials with ACH in clarifier B are underway, and a new weekly filter test has been implemented to compare turbidity readings from SCADA, bench tests, and monitors. Routine maintenance and lab analyses were completed as scheduled, and some flushing was performed in the Tessera Subdivision to maintain water quality and circulation. Earlier in the month, divers inspected the intake barge. Chemical tank station was reconfigured to improve feed rate measurements. Minor leaks were repaired, and all sampling activities were performed as required.

Water Plant 3 reported strong performance. The Trident unit underwent another deep cleaning, and LAS was delivered by CHEMTRADE to ensure consistent treatment operations. All samples and lab work were completed successfully, and the plant continues to produce excellent water results.

At the Wastewater Treatment Plant. Eight tanker loads of wet sludge were hauled away, and maintenance efforts included replacement of the AC window unit in the MCC building and repair work on the belt press by OVIVO. The contact chambers were scrubbed to maintain operational efficiency and sanitation standards.

Lift station crews completed cleaning and inspection of all stations, ensuring smooth operation across the system. At the Truman lift station, the VFD for lift pump 1 was replaced, restoring full two-pump functionality. Routine maintenance included washing out stations, using the pumper truck for heavily impacted areas, cleaning probes, pulling rags, adding dissolved oxygen where needed, mowing, weed eating, and general site cleanup. Additional efforts involved replacing damaged water hoses, trimming trees, and fueling generators. It was noted that generators at The Inn and Veranda remain out of service.



Effluent disposal operations continued with the repair of sprinkler heads at Cedar Breaks and rotation of irrigation zones throughout the week. Weed control remained a focus, with significant mowing and trimming completed. An additional plug was installed in the bypass manhole at Pond 17 to improve flow management.

General operations across the system remained stable. The on-call operator addressed several communication alarms, none of which were serious. The Mira Lago dead end was flushed on September 2, and work continues on the Pond 14 cleaning project. In addition, bacteriological samples were collected throughout the city to test for Total Coliform and E. coli. All results were absent, indicating no presence of harmful bacteria in the water system. Overall, system performance and water quality indicators remained strong, with continued focus on optimization, maintenance, and reliability throughout the district.

CITY OF LAGO VISTA WATER & WASTEWATER REPORT

September 2025



Water Production

This Month		Total Production - 49.992 MG				
	Raw Water	Production	Efficiency	Highest Day	Average Day	Lowest Day
Water Plant 1	22.336 MG	19.269 MG	86.3%	0.793 MG	0.664 MG	0.533 MG
Water Plant 2	0.000 MG	0.000 MG	∞%	--- MG	0.000 MG	--- MG
Water Plant 3	0.000 MG	30.723 MG	∞%	1.273 MG	1.059 MG	0.807 MG
Combined	22.336 MG	49.992 MG	223.8%	1.993 MG	1.724 MG	1.360 MG
Past 12 Months		Total Production - 516.176 MG				
	Raw Water	Production	Efficiency	Highest Day	Average Day	Lowest Day
Water Plant 1	168.632 MG	186.446 MG	110.6%	0.901 MG	0.512 MG	0.091 MG
Water Plant 2	0.000 MG	0.000 MG	∞%	--- MG	0.000 MG	--- MG
Water Plant 3	-2563.092 MG	329.730 MG	-12.9%	1.355 MG	0.906 MG	0.566 MG
Combined	-2394.460 MG	516.176 MG	-21.6%	2.092 MG	1.418 MG	0.888 MG

Waste Water Treatment

This Month		Total Treated - 19.392 MG		
	Treated	Highest Day	Average Day	Lowest Day
Waste Water Treatment Plant	19.392 MG	0.811 MG	0.669 MG	0.540 MG
Past 12 Months		Total Treated - 219.049 MG		
	Treated	Highest Day	Average Day	Lowest Day
Waste Water Treatment Plant	219.049 MG	1.139 MG	0.602 MG	0.200 MG

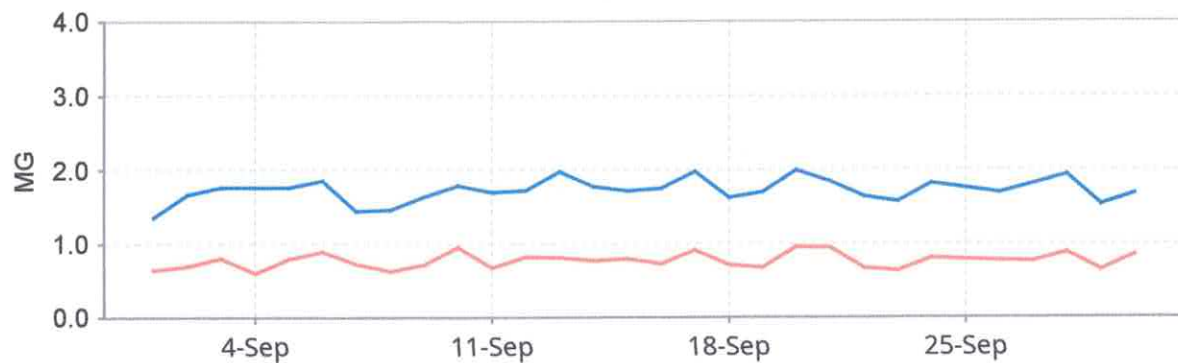
Effluent Disposal

This Month		WWTP Plant Permit Total - 19.392 MG			
	Total	Highest Day	Average Day	Lowest Day	
Lago Vista Golf Course Permit	2.313 MG	0.152 MG	0.080 MG	0.000 MG	
Cedar Breaks Permit	19.837 MG	0.827 MG	0.684 MG	0.000 MG	
WWTP Plant Permit Total	19.392 MG	0.811 MG	0.669 MG	0.540 MG	
Reclaimed Effluent 210A Permit	0.000 MG	0.000 MG	0.000 MG	0.000 MG	
Past 12 Months		WWTP Plant Permit Total - 219.049 MG			
	Total	Highest Day	Average Day	Lowest Day	
Lago Vista Golf Course Permit	30.817 MG	0.316 MG	0.085 MG	0.000 MG	
Cedar Breaks Permit	272.399 MG	1.706 MG	0.748 MG	0.000 MG	
WWTP Plant Permit Total	219.049 MG	1.153 MG	0.602 MG	0.200 MG	
Reclaimed Effluent 210A Permit	0.000 MG	0.000 MG	0.000 MG	0.000 MG	

September 2025

Combined Water Production

This Month

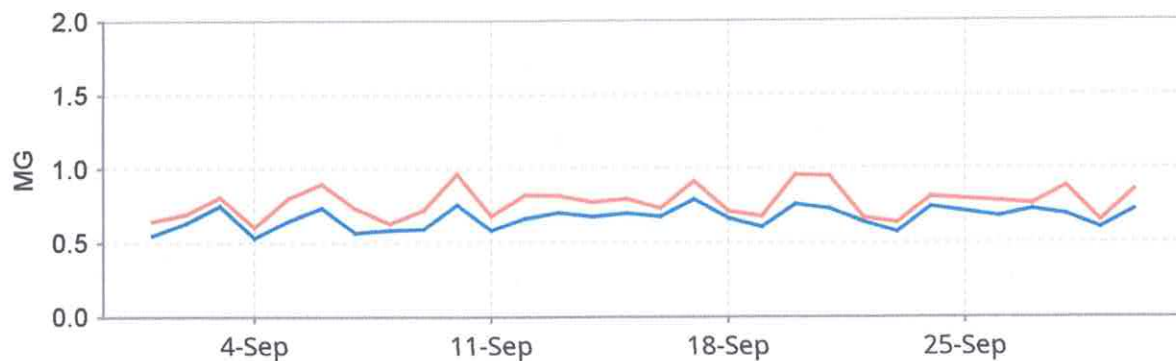


Date	WP1 Raw	WP2 Raw	WP3 Raw	Combined Raw	WP1 Finished	WP2 Finished	WP3 Finished	Combined Finished
09/01/25	0.646	---	0.000	0.646	0.552	---	0.807	1.360
09/02/25	0.695	---	0.000	0.695	0.634	---	1.034	1.669
09/03/25	0.808	---	0.000	0.808	0.748	---	1.017	1.765
09/04/25	0.606	---	0.000	0.606	0.533	---	1.237	1.770
09/05/25	0.797	---	0.000	0.797	0.648	---	1.116	1.765
09/06/25	0.898	---	0.000	0.898	0.736	---	1.126	1.861
09/07/25	0.730	---	0.000	0.730	0.565	---	0.882	1.447
09/08/25	0.630	---	0.000	0.630	0.585	---	0.879	1.465
09/09/25	0.718	---	0.000	0.718	0.594	---	1.046	1.640
09/10/25	0.962	---	0.000	0.962	0.759	---	1.037	1.796
09/11/25	0.679	---	0.000	0.679	0.583	---	1.120	1.703
09/12/25	0.819	---	0.000	0.819	0.666	---	1.055	1.721
09/13/25	0.818	---	0.000	0.818	0.701	---	1.273	1.974
09/14/25	0.774	---	0.000	0.774	0.678	---	1.099	1.777
09/15/25	0.794	---	0.000	0.794	0.698	---	1.020	1.719
09/16/25	0.731	---	0.000	0.731	0.678	---	1.070	1.748
09/17/25	0.913	---	0.000	0.913	0.793	---	1.184	1.977
09/18/25	0.710	---	0.000	0.710	0.665	---	0.956	1.621
09/19/25	0.677	---	0.000	0.677	0.604	---	1.097	1.700
09/20/25	0.957	---	0.000	0.957	0.757	---	1.235	1.993
09/21/25	0.946	---	0.000	0.946	0.728	---	1.118	1.846
09/22/25	0.669	---	0.000	0.669	0.638	---	1.005	1.643
09/23/25	0.635	---	0.000	0.635	0.572	---	1.003	1.575
09/24/25	0.807	---	0.000	0.807	0.742	---	1.079	1.820
09/26/25	0.776	---	0.000	0.776	0.676	---	1.013	1.690
09/27/25	0.763	---	0.000	0.763	0.723	---	1.088	1.812
09/28/25	0.881	---	0.000	0.881	0.691	---	1.246	1.937
09/29/25	0.647	---	0.000	0.647	0.600	---	0.929	1.529
09/30/25	0.849	---	0.000	0.849	0.721	---	0.949	1.671
Total (MG)	22.336	0.000	0.000	22.336	19.269	0.000	30.723	49.992
Highest	0.962	---	0.000	0.962	0.793	---	1.273	1.993
Average	0.770	0.000	0.000	0.770	0.664	0.000	1.059	1.724
Lowest	0.606	---	0.000	0.606	0.533	---	0.807	1.360

September 2025

Water Plant 1 Water Production

This Month

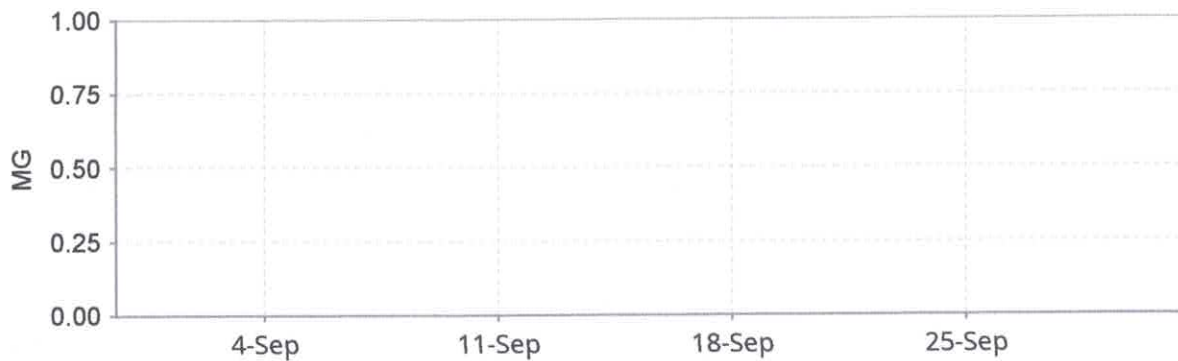


Date	WP1 Raw	WP1 Clarifier A	WP1 Clarifier B	WP1 Finished	WP1 Process Loss	WP1 Efficiency
09/01/25	0.646	0.285	0.357	0.552	0.094	85%
09/02/25	0.695	0.317	0.398	0.634	0.061	91%
09/03/25	0.808	0.357	0.446	0.748	0.059	93%
09/04/25	0.606	0.266	0.335	0.533	0.073	88%
09/05/25	0.797	0.387	0.407	0.648	0.149	81%
09/06/25	0.898	0.429	0.467	0.736	0.162	82%
09/07/25	0.730	0.375	0.364	0.565	0.165	77%
09/08/25	0.630	0.314	0.314	0.585	0.044	93%
09/09/25	0.718	0.364	0.354	0.594	0.124	83%
09/10/25	0.962	0.475	0.486	0.759	0.203	79%
09/11/25	0.679	0.334	0.334	0.583	0.096	86%
09/12/25	0.819	0.415	0.414	0.666	0.153	81%
09/13/25	0.818	0.414	0.414	0.701	0.117	86%
09/14/25	0.774	0.488	0.275	0.678	0.096	88%
09/15/25	0.794	0.506	0.295	0.698	0.096	88%
09/16/25	0.731	0.456	0.264	0.678	0.053	93%
09/17/25	0.913	0.581	0.336	0.793	0.121	87%
09/18/25	0.710	0.454	0.264	0.665	0.046	94%
09/19/25	0.677	0.425	0.244	0.604	0.073	89%
09/20/25	0.957	0.600	0.356	0.757	0.199	79%
09/21/25	0.946	0.612	0.336	0.728	0.218	77%
09/22/25	0.669	0.425	0.244	0.638	0.031	95%
09/23/25	0.635	0.405	0.224	0.572	0.064	90%
09/24/25	0.807	0.507	0.295	0.742	0.065	92%
09/26/25	0.776	0.487	0.275	0.676	0.100	87%
09/27/25	0.763	0.496	0.275	0.723	0.039	95%
09/28/25	0.881	0.559	0.316	0.691	0.190	78%
09/29/25	0.647	0.404	0.234	0.600	0.047	93%
09/30/25	0.849	0.538	0.315	0.721	0.128	85%
Total (MG)	22.336	12.674	9.636	19.269	3.067	-
Highest	0.962	0.612	0.486	0.793	-	-
Average	0.770	0.437	0.332	0.664	-	86%
Lowest	0.606	0.266	0.224	0.533	-	-

September 2025

Water Plant 2 Water Production

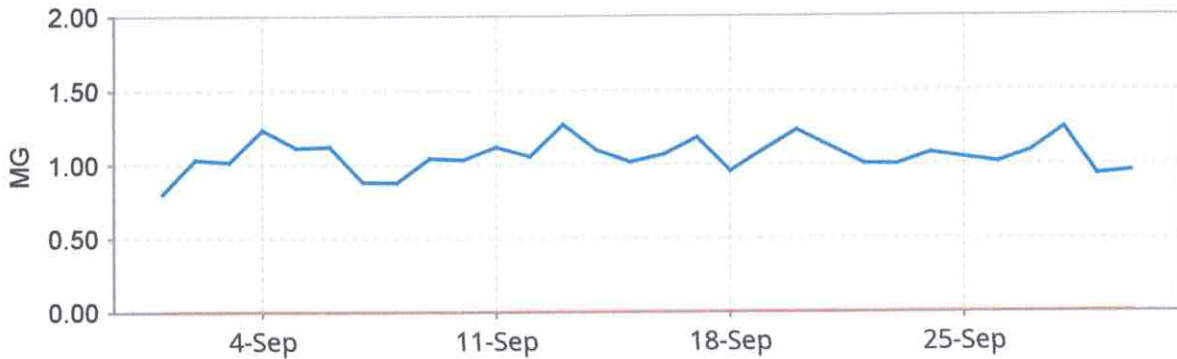
This Month



Date	WP2 Raw	To Lohmans	To Golfball	From Golfball	WP2 Finished	WP2 Process Loss	WP2 Efficiency
09/01/25	---	---	---	---	---	---	---%
09/02/25	---	---	---	---	---	---	---%
09/03/25	---	---	---	---	---	---	---%
09/04/25	---	---	---	---	---	---	---%
09/05/25	---	---	---	---	---	---	---%
09/06/25	---	---	---	---	---	---	---%
09/07/25	---	---	---	---	---	---	---%
09/08/25	---	---	---	---	---	---	---%
09/09/25	---	---	---	---	---	---	---%
09/10/25	---	---	---	---	---	---	---%
09/11/25	---	---	---	---	---	---	---%
09/12/25	---	---	---	---	---	---	---%
09/13/25	---	---	---	---	---	---	---%
09/14/25	---	---	---	---	---	---	---%
09/15/25	---	---	---	---	---	---	---%
09/16/25	---	---	---	---	---	---	---%
09/17/25	---	---	---	---	---	---	---%
09/18/25	---	---	---	---	---	---	---%
09/19/25	---	---	---	---	---	---	---%
09/20/25	---	---	---	---	---	---	---%
09/21/25	---	---	---	---	---	---	---%
09/22/25	---	---	---	---	---	---	---%
09/23/25	---	---	---	---	---	---	---%
09/24/25	---	---	---	---	---	---	---%
09/26/25	---	---	---	---	---	---	---%
09/27/25	---	---	---	---	---	---	---%
09/28/25	---	---	---	---	---	---	---%
09/29/25	---	---	---	---	---	---	---%
09/30/25	---	---	---	---	---	---	---%
Total (MG)	0.000	0.000	0.000	0.000	0.000	0.000	-
Highest	---	---	---	---	---	-	-
Average	0.000	0.000	0.000	0.000	0.000	-	∞%
Lowest	---	---	---	---	---	-	-

Water Plant 3 Water Production

This Month

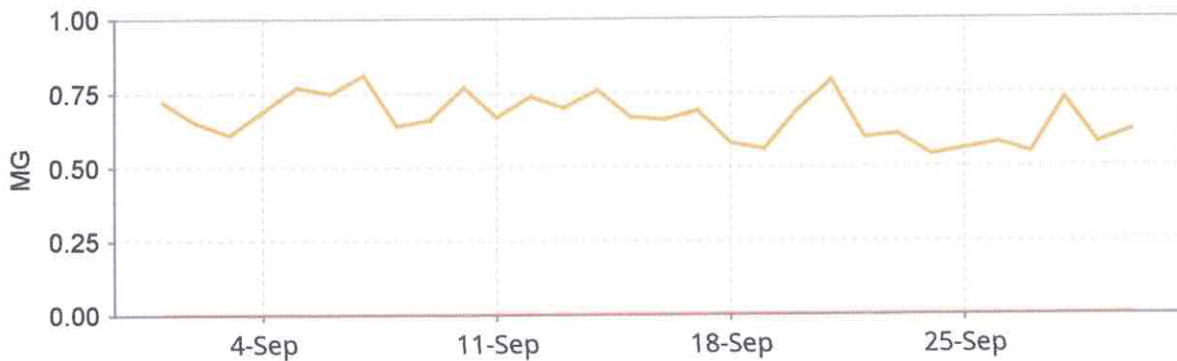


Date	WP3 Raw	WP3 Unit 1	WP3 Decant	WP3 Backwash	WP3 Finished	WP3 Process Loss	WP3 Efficiency
09/01/25	0.000	0.883	0.000	0.053	0.807	-0.807	∞%
09/02/25	0.000	0.961	0.000	0.002	1.034	-1.034	∞%
09/03/25	0.000	1.119	0.000	0.039	1.017	-1.017	∞%
09/04/25	0.000	1.244	0.000	0.002	1.237	-1.237	∞%
09/05/25	0.000	1.195	0.000	0.050	1.116	-1.116	∞%
09/06/25	0.000	1.148	0.000	0.006	1.126	-1.126	∞%
09/07/25	0.000	0.927	0.000	0.037	0.882	-0.882	∞%
09/08/25	0.000	0.872	0.000	0.004	0.879	-0.879	∞%
09/09/25	0.000	1.100	0.000	0.055	1.046	-1.046	∞%
09/10/25	0.000	1.102	0.000	0.001	1.037	-1.037	∞%
09/11/25	0.000	1.147	0.000	0.034	1.120	-1.120	∞%
09/12/25	0.000	1.035	0.000	0.007	1.055	-1.055	∞%
09/13/25	0.000	1.348	0.000	0.050	1.273	-1.273	∞%
09/14/25	0.000	1.204	0.000	0.041	1.099	-1.099	∞%
09/15/25	0.000	1.012	0.000	0.007	1.020	-1.020	∞%
09/16/25	0.000	1.061	0.000	0.000	1.070	-1.070	∞%
09/17/25	0.000	1.249	0.000	0.051	1.184	-1.184	∞%
09/18/25	0.000	1.070	0.000	0.040	0.956	-0.956	∞%
09/19/25	0.000	1.083	0.000	0.006	1.097	-1.097	∞%
09/20/25	0.000	1.176	0.000	0.055	1.235	-1.235	∞%
09/21/25	0.000	1.264	0.000	0.000	1.118	-1.118	∞%
09/22/25	0.000	1.014	0.000	0.034	1.005	-1.005	∞%
09/23/25	0.000	1.026	0.000	0.008	1.003	-1.003	∞%
09/24/25	0.000	1.112	0.000	0.051	1.079	-1.079	∞%
09/26/25	0.000	0.953	0.000	0.035	1.013	-1.013	∞%
09/27/25	0.000	1.205	0.000	0.008	1.088	-1.088	∞%
09/28/25	0.000	1.176	0.000	0.044	1.246	-1.246	∞%
09/29/25	0.000	1.087	0.000	0.000	0.929	-0.929	∞%
09/30/25	0.000	1.000	0.000	0.037	0.949	-0.949	∞%
Total (MG)	0.000	31.774	0.000	0.755	30.723	-30.723	-
Highest	0.000	1.348	0.000	0.055	1.273	-	-
Average	0.000	1.096	0.000	0.026	1.059	-	∞%
Lowest	0.000	0.872	0.000	0.000	0.807	-	-

September 2025

Waste Water Treatment

This Month

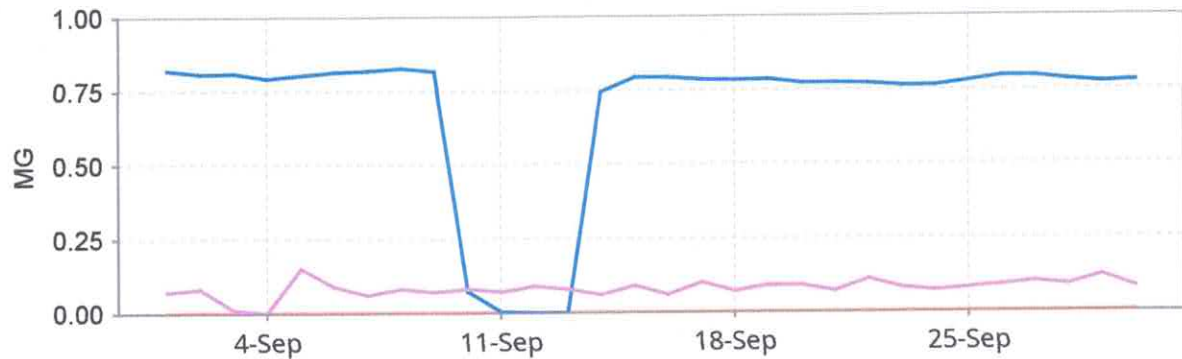


Date	WWTP Treated	LVGC Permit	Cedar Breaks Permit	WWTP Permit	Reclaimed Effluent 210A Permit
09/01/25	0.720	0.070	0.820	0.720	0.000
09/02/25	0.650	0.080	0.808	0.650	0.000
09/03/25	0.610	0.010	0.811	0.610	0.000
09/04/25	0.690	0.000	0.794	0.690	0.000
09/05/25	0.770	0.152	0.804	0.770	0.000
09/06/25	0.750	0.091	0.816	0.750	0.000
09/07/25	0.811	0.060	0.819	0.811	0.000
09/08/25	0.640	0.080	0.827	0.640	0.000
09/09/25	0.660	0.070	0.816	0.660	0.000
09/10/25	0.770	0.081	0.072	0.770	0.000
09/11/25	0.670	0.070	0.002	0.670	0.000
09/12/25	0.740	0.091	0.000	0.740	0.000
09/13/25	0.700	0.080	0.000	0.700	0.000
09/14/25	0.760	0.060	0.744	0.760	0.000
09/15/25	0.670	0.091	0.794	0.670	0.000
09/16/25	0.660	0.060	0.786	0.660	0.000
09/17/25	0.690	0.101	0.796	0.690	0.000
09/18/25	0.580	0.070	0.783	0.580	0.000
09/19/25	0.560	0.090	0.786	0.560	0.000
09/20/25	0.690	0.090	0.772	0.690	0.000
09/21/25	0.791	0.070	0.772	0.791	0.000
09/22/25	0.600	0.110	0.771	0.600	0.000
09/23/25	0.610	0.081	0.763	0.610	0.000
09/24/25	0.540	0.070	0.762	0.540	0.000
09/26/25	0.580	0.090	0.793	0.580	0.000
09/27/25	0.550	0.101	0.793	0.550	0.000
09/28/25	0.730	0.090	0.782	0.730	0.000
09/29/25	0.580	0.121	0.772	0.580	0.000
09/30/25	0.620	0.080	0.777	0.620	0.000
Total (MG)	19.392	2.313	19.837	19.392	0.000
Highest	0.811	0.152	0.827	0.811	0.000
Average	0.669	0.080	0.684	0.669	0.000
Lowest	0.540	0.000	0.000	0.540	0.000

September 2025

Effluent Disposal

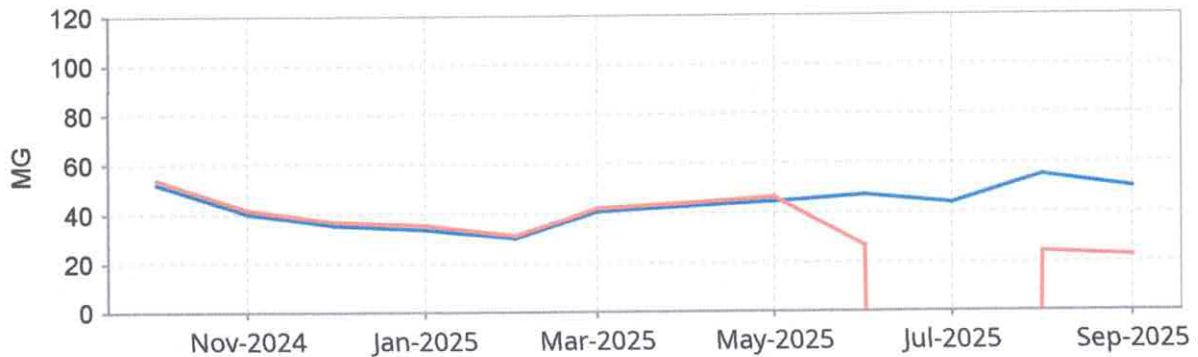
This Month



Date	LVGC Usage	LVGC Permit	Cedar Brks. Usage	Cedar Brks. Permit	HLGC Usage	Reclaimed E 210A Permit	LVGC Lake Water	HLGC Lake Water
09/01/25	0.070	0.070	0.820	0.820	0.000	0.000	0.000	---
09/02/25	0.080	0.080	0.808	0.808	0.000	0.000	0.000	---
09/03/25	0.010	0.010	0.811	0.811	0.000	0.000	0.000	---
09/04/25	0.000	0.000	0.794	0.794	0.000	0.000	0.000	---
09/05/25	0.152	0.152	0.804	0.804	0.000	0.000	0.000	---
09/06/25	0.091	0.091	0.816	0.816	0.000	0.000	0.000	---
09/07/25	0.060	0.060	0.819	0.819	0.000	0.000	0.000	---
09/08/25	0.080	0.080	0.827	0.827	0.000	0.000	0.000	---
09/09/25	0.070	0.070	0.816	0.816	0.000	0.000	0.000	---
09/10/25	0.081	0.081	0.072	0.072	0.000	0.000	0.000	---
09/11/25	0.070	0.070	0.002	0.002	0.000	0.000	0.000	---
09/12/25	0.091	0.091	0.000	0.000	0.000	0.000	0.000	---
09/13/25	0.080	0.080	0.000	0.000	0.000	0.000	0.000	---
09/14/25	0.060	0.060	0.745	0.744	0.000	0.000	0.000	---
09/15/25	0.091	0.091	0.793	0.794	0.000	0.000	0.000	---
09/16/25	0.060	0.060	0.795	0.786	0.000	0.000	0.000	---
09/17/25	0.101	0.101	0.786	0.796	0.000	0.000	0.000	---
09/18/25	0.070	0.070	0.783	0.783	0.000	0.000	0.000	---
09/19/25	0.090	0.090	0.786	0.786	0.000	0.000	0.000	---
09/20/25	0.090	0.090	0.772	0.772	0.000	0.000	0.000	---
09/21/25	0.070	0.070	0.772	0.772	0.000	0.000	0.000	---
09/22/25	0.110	0.110	0.771	0.771	0.000	0.000	0.000	---
09/23/25	0.081	0.081	0.763	0.763	0.000	0.000	0.000	---
09/24/25	0.070	0.070	0.762	0.762	0.000	0.000	0.000	---
09/26/25	0.090	0.090	0.793	0.793	0.000	0.000	0.000	---
09/27/25	0.101	0.101	0.793	0.793	0.000	0.000	0.000	---
09/28/25	0.090	0.090	0.782	0.782	0.000	0.000	0.000	---
09/29/25	0.121	0.121	0.772	0.772	0.000	0.000	0.000	---
09/30/25	0.080	0.080	0.777	0.777	0.000	0.000	0.000	---
Total (MG)	2.313	2.313	19.837	19.837	0.000	0.000	0.000	0.000
Highest	0.152	0.152	0.827	0.827	0.000	0.000	0.000	---
Average	0.080	0.080	0.684	0.684	0.000	0.000	0.000	0.000
Lowest	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---

Combined Water Production

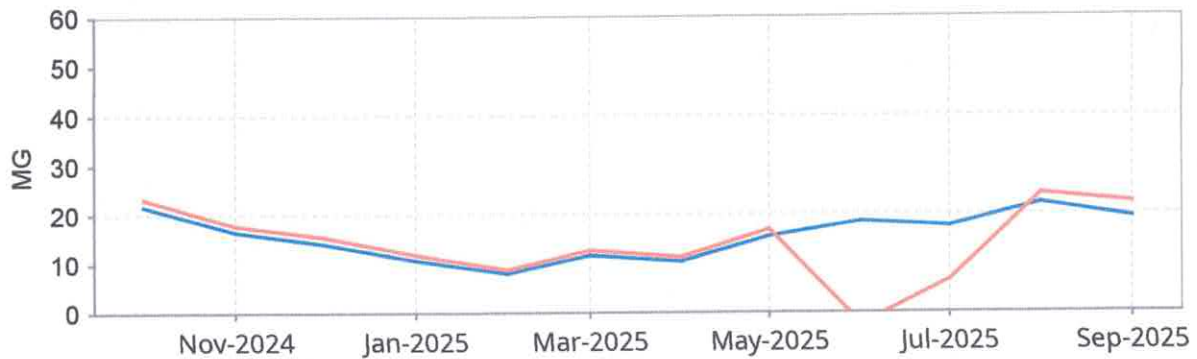
Past 12 Months



Date	WP1 Raw	WP2 Raw	WP3 Raw	Combined Raw	WP1 Finished	WP2 Finished	WP3 Finished	Combined Finished
Oct, 2024	23.252	---	30.507	53.759	21.669	---	30.228	51.897
Nov, 2024	17.782	---	23.999	41.782	16.545	---	23.802	40.347
Dec, 2024	15.482	---	21.496	36.978	14.160	---	21.328	35.489
Jan, 2025	11.775	---	23.728	35.503	10.690	---	23.098	33.788
Feb, 2025	8.754	---	22.587	31.341	7.994	---	22.296	30.290
Mar, 2025	12.710	---	29.489	42.199	11.754	---	29.025	40.779
Apr, 2025	11.366	---	32.828	44.194	10.450	---	32.365	42.815
May, 2025	16.914	---	29.624	46.538	15.540	---	29.093	44.633
Jun, 2025	-2.470	---	29.157	26.687	18.580	---	28.701	47.281
Jul, 2025	6.585	---	-2806.508	-2799.923	17.582	---	26.354	43.936
Aug, 2025	24.146	---	0.000	24.146	22.213	---	32.716	54.929
Sep, 2025	22.336	---	0.000	22.336	19.269	---	30.723	49.992
Total (MG)	168.632	0.000	-2563.092	-2394.460	186.446	0.000	329.730	516.176
Highest	24.146	---	32.828	53.759	22.213	---	32.716	54.929
Average	14.053	0.000	-213.591	-199.538	15.537	0.000	27.477	43.015
Lowest	-2.470	---	-2806.508	-2799.923	7.994	---	21.328	30.290

Water Plant 1 Water Production

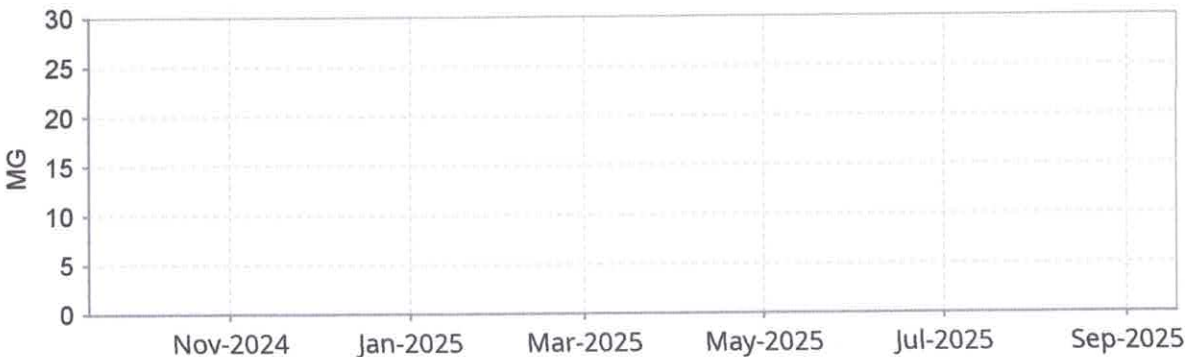
Past 12 Months



Date	WP1 Raw	WP1 Clarifier A	WP1 Clarifier B	WP1 Finished	WP1 Process Loss	WP1 Efficiency
Oct, 2024	23.252	13.178	10.071	21.669	1.583	93%
Nov, 2024	17.782	10.107	7.674	16.545	1.237	93%
Dec, 2024	15.482	8.354	7.137	14.160	1.322	91%
Jan, 2025	11.775	2.509	9.264	10.690	1.085	91%
Feb, 2025	8.754	0.000	8.753	7.994	0.760	91%
Mar, 2025	12.710	0.001	12.709	11.754	0.956	92%
Apr, 2025	11.366	0.000	11.366	10.450	0.916	92%
May, 2025	16.914	0.000	16.914	15.540	1.374	92%
Jun, 2025	-2.470	0.000	-2.471	18.580	-21.050	-752%
Jul, 2025	6.585	0.895	5.684	17.582	-10.997	267%
Aug, 2025	24.146	9.121	15.022	22.213	1.933	92%
Sep, 2025	22.336	12.674	9.636	19.269	3.067	86%
Total (MG)	168.632	56.840	111.760	186.446	-17.815	-
Highest	24.146	13.178	16.914	22.213	-	-
Average	14.053	4.737	9.313	15.537	-	111%
Lowest	-2.470	0.000	-2.471	7.994	-	-

Water Plant 2 Water Production

Past 12 Months

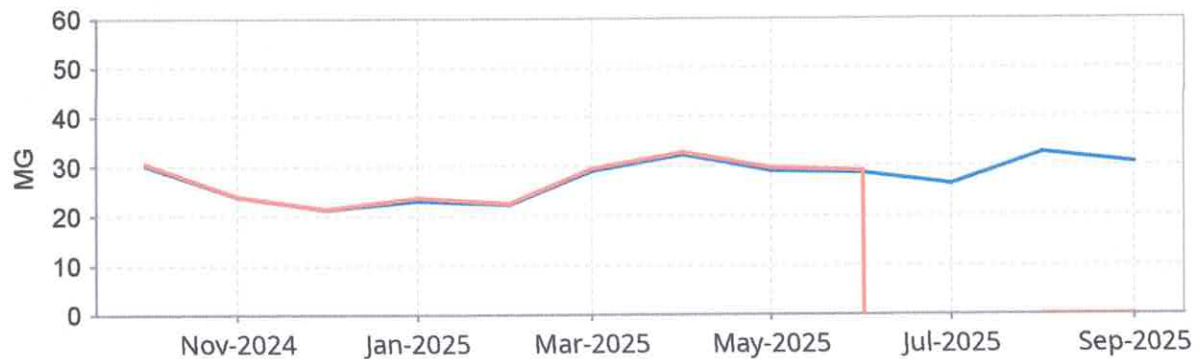


Date	WP2 Raw	To Lohmans	To Golfball	From Golfball	WP2 Finished	WP2 Process Loss	WP2 Efficiency
Oct, 2024	---	---	---	---	---	---	---%
Nov, 2024	---	---	---	---	---	---	---%
Dec, 2024	---	---	---	---	---	---	---%
Jan, 2025	---	---	---	---	---	---	---%
Feb, 2025	---	---	---	---	---	---	---%
Mar, 2025	---	---	---	---	---	---	---%
Apr, 2025	---	---	---	---	---	---	---%
May, 2025	---	---	---	---	---	---	---%
Jun, 2025	---	---	---	---	---	---	---%
Jul, 2025	---	---	---	---	---	---	---%
Aug, 2025	---	---	---	---	---	---	---%
Sep, 2025	---	---	---	---	---	---	---%
Total (MG)	0.000	0.000	0.000	0.000	0.000	0.000	-
Highest	---	---	---	---	---	-	-
Average	0.000	0.000	0.000	0.000	0.000	-	∞%
Lowest	---	---	---	---	---	-	-

September 2025

Water Plant 3 Water Production

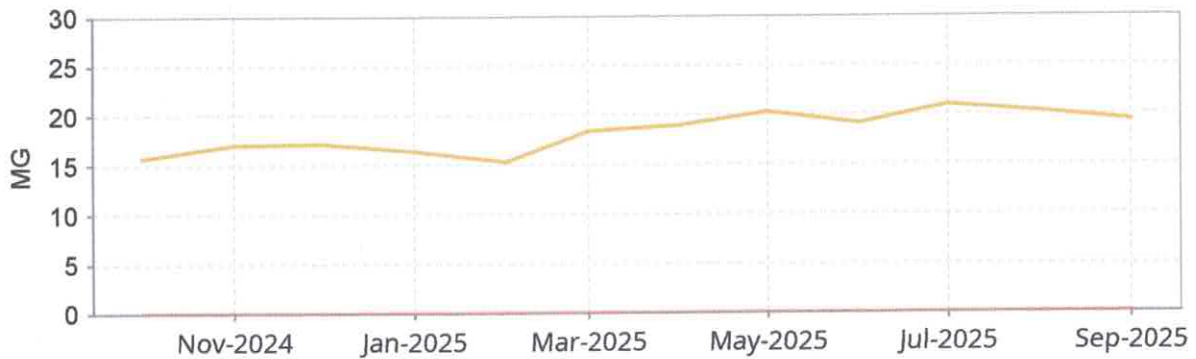
Past 12 Months



Date	WP3 Raw	WP3 Unit 1	WP3 Decant	WP3 Backwash	WP3 Finished	WP3 Process Loss	WP3 Efficiency
Oct, 2024	30.507	31.274	0.000	0.656	30.228	0.279	99%
Nov, 2024	23.999	24.710	0.000	0.556	23.802	0.197	99%
Dec, 2024	21.496	22.048	0.000	0.422	21.328	0.168	99%
Jan, 2025	23.728	24.508	0.000	0.790	23.098	0.630	97%
Feb, 2025	22.587	23.460	0.000	0.816	22.296	0.291	99%
Mar, 2025	29.489	30.039	0.000	0.734	29.025	0.464	98%
Apr, 2025	32.828	33.456	0.000	0.740	32.365	0.463	99%
May, 2025	29.624	30.498	0.000	0.910	29.093	0.531	98%
Jun, 2025	29.157	29.916	0.000	0.748	28.701	0.456	98%
Jul, 2025	-2806.508	27.328	0.000	0.685	26.354	-2832.862	-1%
Aug, 2025	0.000	34.100	0.000	0.822	32.716	-32.716	∞%
Sep, 2025	0.000	31.774	0.000	0.755	30.723	-30.723	∞%
Total (MG)	-2563.092	343.112	0.000	8.635	329.730	-2892.822	-
Highest	32.828	34.100	0.000	0.910	32.716	-	-
Average	-213.591	28.593	0.000	0.720	27.477	-	-13%
Lowest	-2806.508	22.048	0.000	0.422	21.328	-	-

Waste Water Treatment

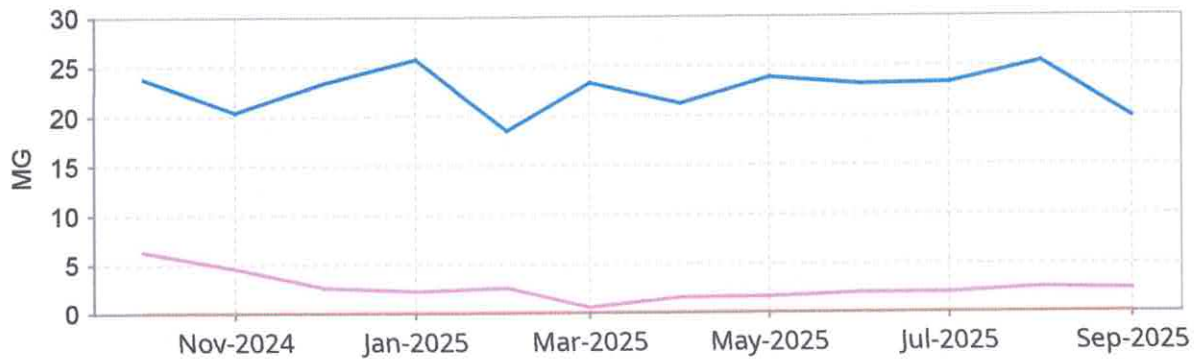
Past 12 Months



Date	WWTP Treated	LVGC Permit	Cedar Breaks Permit	WWTP Permit	Reclaimed Effluent 210A Permit
Oct, 2024	15.722	6.327	23.827	15.722	0.000
Nov, 2024	17.031	4.601	20.445	17.031	0.000
Dec, 2024	17.160	2.608	23.415	17.160	0.000
Jan, 2025	16.439	2.218	25.795	16.440	0.000
Feb, 2025	15.340	2.561	18.584	15.340	0.000
Mar, 2025	18.390	0.539	23.397	18.390	0.000
Apr, 2025	18.953	1.552	21.261	18.952	0.000
May, 2025	20.274	1.594	23.884	20.275	0.000
Jun, 2025	19.140	2.026	23.196	19.140	0.000
Jul, 2025	20.957	1.995	23.339	20.956	0.000
Aug, 2025	20.251	2.483	25.420	20.251	0.000
Sep, 2025	19.392	2.313	19.837	19.392	0.000
Total (MG)	219.049	30.817	272.399	219.049	0.000
Highest	20.957	6.327	25.795	20.956	0.000
Average	18.254	2.568	22.700	18.254	0.000
Lowest	15.340	0.539	18.584	15.340	0.000

Effluent Disposal

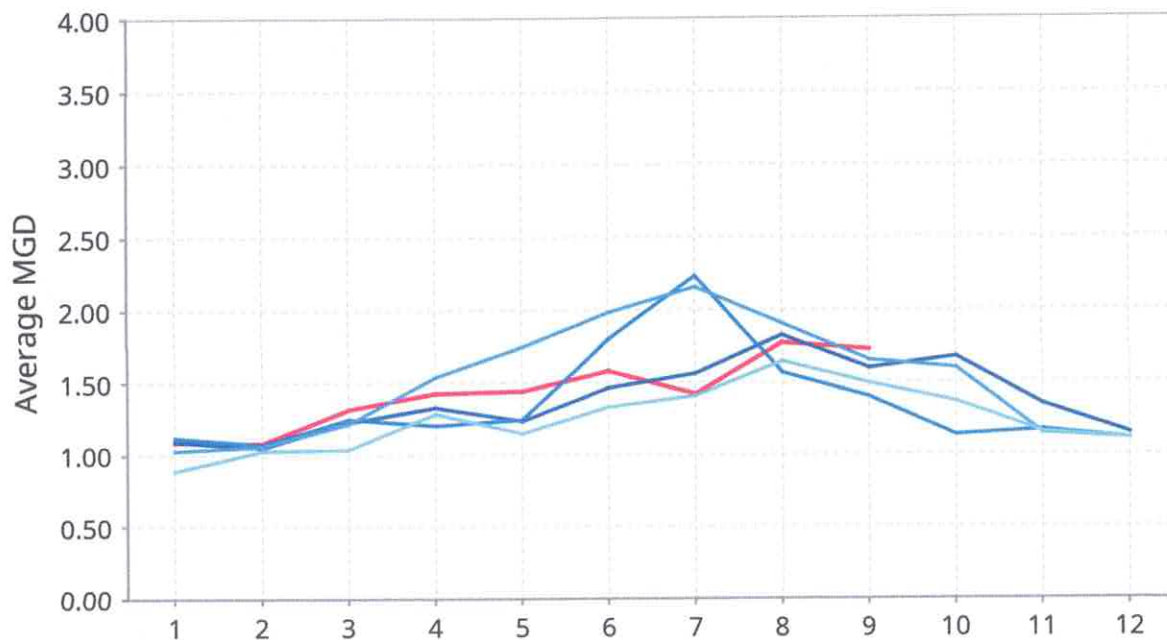
Past 12 Months



Date	LVGC Usage	LVGC Permit	Cedar Brks. Usage	Cedar Brks. Permit	HLGC Usage	Reclaimed E 210A Permit	LVGC Lake Water	HLGC Lake Water
Oct, 2024	6.327	6.327	23.827	23.827	0.000	0.000	0.000	---
Nov, 2024	4.601	4.601	20.445	20.445	0.000	0.000	0.000	---
Dec, 2024	2.605	2.608	23.415	23.415	0.000	0.000	0.000	---
Jan, 2025	2.221	2.218	25.795	25.795	0.000	0.000	0.000	---
Feb, 2025	2.561	2.561	18.584	18.584	0.000	0.000	0.000	---
Mar, 2025	0.539	0.539	23.397	23.397	0.000	0.000	0.000	---
Apr, 2025	1.552	1.552	21.261	21.261	0.000	0.000	0.000	---
May, 2025	1.594	1.594	23.884	23.884	0.000	0.000	0.000	---
Jun, 2025	2.026	2.026	23.196	23.196	0.000	0.000	0.000	---
Jul, 2025	1.995	1.995	23.339	23.339	0.000	0.000	0.000	---
Aug, 2025	2.483	2.483	25.420	25.420	0.000	0.000	0.000	---
Sep, 2025	2.313	2.313	19.837	19.837	0.000	0.000	0.000	---
Total (MG)	30.817	30.817	272.399	272.399	0.000	0.000	0.000	0.000
Highest	6.327	6.327	25.795	25.795	0.000	0.000	0.000	---
Average	2.568	2.568	22.700	22.700	0.000	0.000	0.000	0.000
Lowest	0.539	0.539	18.584	18.584	0.000	0.000	0.000	---

Combined Water Production

5 Year Average Daily Production

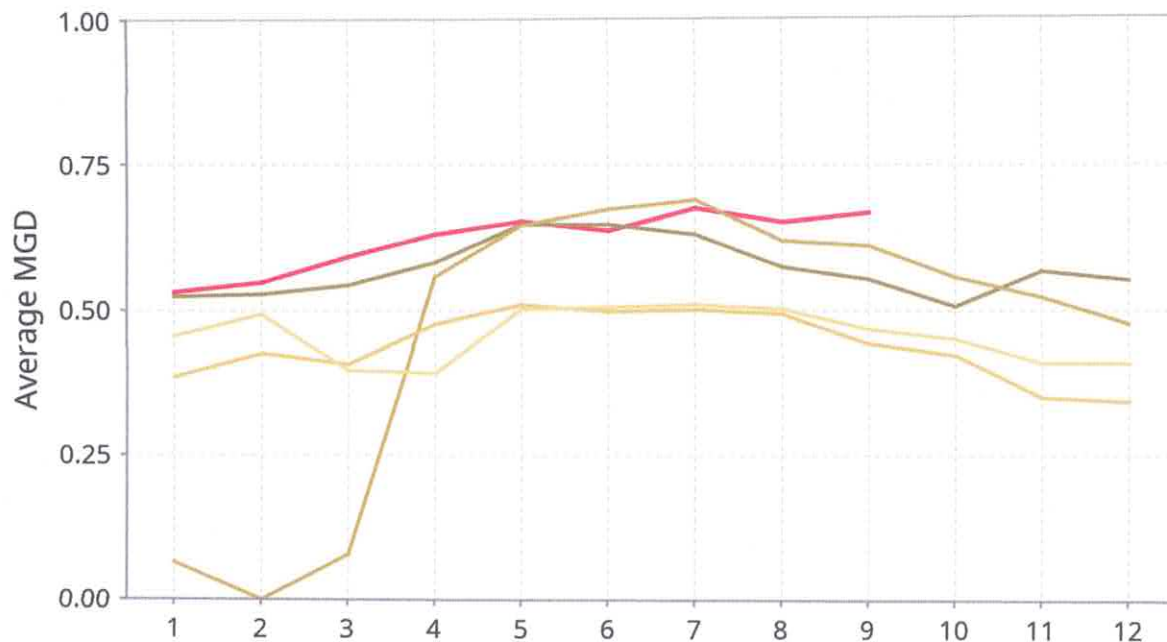


Month	Year - 4	Year - 3	Year - 2	Last Year	This Year
Jan	0.888	1.027	1.118	1.092	1.090
Feb	1.030	1.059	1.073	1.052	1.082
Mar	1.039	1.217	1.246	1.226	1.315
Apr	1.285	1.541	1.205	1.331	1.427
May	1.149	1.744	1.243	1.233	1.440
Jun	1.330	1.982	1.796	1.461	1.576
Jul	1.407	2.158	2.233	1.559	1.417
Aug	1.642	1.905	1.563	1.823	1.772
Sep	1.492	1.652	1.400	1.595	1.724
Oct	1.365	1.594	1.133	1.674	---
Nov	1.153	1.144	1.166	1.345	---
Dec	1.105	1.108	1.107	1.145	---

Highest	1.642	2.158	2.233	1.823	1.772
Average	1.240	1.511	1.357	1.378	1.427
Lowest	0.888	1.027	1.073	1.052	1.082

Waste Water Treatment

5 Year Average Daily Treated



Month	Year - 4	Year - 3	Year - 2	Last Year	This Year
Jan	0.456	0.385	0.064	0.523	0.530
Feb	0.493	0.425	0.000	0.528	0.548
Mar	0.396	0.407	0.078	0.543	0.593
Apr	0.392	0.477	0.559	0.583	0.632
May	0.503	0.511	0.648	0.649	0.654
Jun	0.506	0.499	0.675	0.648	0.638
Jul	0.510	0.502	0.690	0.631	0.676
Aug	0.503	0.494	0.620	0.576	0.653
Sep	0.469	0.443	0.612	0.554	0.669
Oct	0.451	0.422	0.557	0.507	---
Nov	0.409	0.351	0.523	0.568	---
Dec	0.410	0.343	0.478	0.554	---

Highest	0.510	0.511	0.690	0.649	0.676
Average	0.458	0.438	0.459	0.572	0.621
Lowest	0.392	0.343	0.000	0.507	0.530

Utilities Department



Fleet Events By Date Range

Lago Vista

Date Range:

9/1/2025 - 9/30/2025

Date: 9/4/2025

Status: Complete

Assigned To: Joseth Castro

Event ID: 6005

Event Type: Maintenance

Work Order ID:

Feature ID: Chevy 2500 Silverado
Pickup

Feature Class: Fleet Unit

Fee:

Note: 09/04/2025 Joseth - Preformed 5 point inspection
-changed OIL & FILTER
-needs new tires soon x2 (33x12/50R17)

Date: 9/9/2025

Status: Complete

Assigned To: Joseth Castro

Event ID: 6020

Event Type: Maintenance

Work Order ID:

Feature ID: Chevy Silverado Double
Cab Pickup

Feature Class: Fleet Unit

Fee:

Note: 09/09/2025 Joseth - Preformed 5 point inspection
-changed OIL & FILTER
-K&N air filter
Caldwell County Chevrolet - purchase dealership

Date: 9/2/2025

Status: Complete

Assigned To: Joseth Castro

Event ID: 7013

Event Type: Maintenance

Work Order ID:

Feature ID: Ford F650 XL Dump
Truck

Feature Class: Fleet Unit

Fee:

Note: 09/02/2025 Joseth - Preformed 5 point inspection
-Passenger side rotors are start to groove. Needs ATTENTION.

Date: 9/8/2025

Status: Complete

Assigned To: Joseth Castro

Event ID: 7020

Event Type: Maintenance

Work Order ID:

Feature ID: Chevy Silverado Double
Cab Pickup

Feature Class: Fleet Unit

Fee:

Note: 09/08/2025 Joseth- Preformed 5 point inspection
- Changed OIL & FILTER
-replaced spark plugs (due to misfire)
-Will need new Tires soon.

Date: 9/3/2025

Status: Complete

Assigned To: Joseth Castro

Event ID: 7019

Event Type: Maintenance

Work Order ID:

Feature ID: Chevy 2500 Pickup

Feature Class: Fleet Unit

Fee:

Note: 09/03/2025 Joseth -Preformed 5 Point inspection
-replaced OIL & FILTER
-needs x2 new TPMS
-may need new tires soon (LT245/70R17)

Date: 9/2/2025

Status: Complete

Assigned To: Joseth Castro

Event ID: 3001

Event Type: Maintenance

Work Order ID:

Feature ID: Ford F250

Feature Class: Fleet Unit

Fee:

Note: 09/02/2025 Joseth - Preformed 5 point inspection
-may need new battery (not the correct one)

Date: 9/8/2025 **Status:** Complete **Assigned To:** Joseth Castro
Event ID: 6016 **Event Type:** Maintenance **Work Order ID:**
Feature ID: 2022 Chevy Sliverado **Feature Class:** Fleet Unit **Fee:**
5500 series
Note: 09/08/2025 Joseth - preformed 5 point inspection
-no issues

Date: 9/22/2025 **Status:** Complete **Assigned To:** Joseth Castro
Event ID: old roller **Event Type:** Maintenance **Work Order ID:**
Feature ID: JCB Vibromax 255 **Feature Class:** Fleet Unit **Fee:**
Tandem Roller
Note: welded new hinges and bracket for water tank. top off all fluids, steering hydro hose leaking

Date: 9/11/2025 **Status:** Complete **Assigned To:** Joseth Castro
Event ID: 6006 **Event Type:** Maintenance **Work Order ID:**
Feature ID: Ford F250 Pickup **Feature Class:** Fleet Unit **Fee:**
Note: 09/11/2025 Joseth - preformed 5 point inspection
-needs new TPMS

Date: 9/2/2025 **Status:** Complete **Assigned To:** Joseth Castro
Event ID: 6021 **Event Type:** Maintenance **Work Order ID:**
Feature ID: 2ND gmc serria **Feature Class:** Fleet Unit **Fee:**
Note: 09/02/2025 Joseth - Preformed 5 point inspection
- changed OIL & FILTER

Date: 9/23/2025 **Status:** Complete **Assigned To:** Joseth Castro
Event ID: TR270B **Event Type:** Service **Work Order ID:**
Feature ID: Case TR270B Compact **Feature Class:** Fleet Unit **Fee:**
Track Loader
Note: greased fittings, drain water from fuel tank, replace air filter, and adjusted tracks.

Date: 9/3/2025 **Status:** Complete **Assigned To:** Joseth Castro
Event ID: 6019 **Event Type:** Service **Work Order ID:**
Feature ID: Chevy 2500 Pickup **Feature Class:** Fleet Unit **Fee:**
Note: Did a Five Point Inspection for preventative Maintenance.
09/03/2025 Joseth - Preformed 5 point inspection
-Needs x2 TPMS (light on)
-Will need new tires next service (LT245/70R17)

Date: 9/15/2025 **Status:** Complete **Assigned To:** Joseth Castro
Event ID: 7015 **Event Type:** Maintenance **Work Order ID:**
Feature ID: Ford F750 Dump Truck **Feature Class:** Fleet Unit **Fee:**
Note: 09/15/2025 Joesth -preformed 5 point inspection
-will need to change OIL & FILTER next service

Date: 9/15/2025	Status: Complete	Assigned To: Joseth Castro
Event ID: 7002	Event Type: Maintenance	Work Order ID:
Feature ID: Pumper Truck (new)	Feature Class: Fleet Unit	Fee:
Note: 09/15/2025 Joseth - Preformed 5 Point inspection TANK VIN: 1T9TB1508N1867759		

Date: 9/9/2025	Status: Complete	Assigned To: Joseth Castro
Event ID: 7021	Event Type: Maintenance	Work Order ID:
Feature ID: GMC SERRIA	Feature Class: Fleet Unit	Fee:
Note: 09/09/2025 Joseth - Preformed 5 Point inspection -changed OIL & FILTER -Air filter needs attention next service		
Total		15



Work Management Requests

Lago Vista

Date Range: 9/1/2025 - 9/30/2025

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
9/29/2025 12:00 AM	10/2/2025 12:00 AM	In Progress	(WATER SERVICE INSTALL) 6709 ALTA VISTA	Utilities	Other	Benjamin Moore
9/29/2025 12:00 AM	10/2/2025 12:00 AM	In Progress	(SEWER SERVICE INSTALL) 6709 ALTA VISTA	Utilities	Other	Benjamin Moore
9/8/2025 12:00 AM	9/8/2025 12:00 AM	In Progress	TRUCK # 7020 FIVE POINT INSPECTION	Utilities	Other	Joseth Castro
				Total	3	



Work Management Requests

Lago Vista

Date Range: 9/1/2025 - 9/30/2025

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
9/30/2025 12:00 AM	9/30/2025 12:00 AM	Complete	(WATER LEAK) 21203 PARK DR	Utilities	Water Leak	Luis Mendoza
9/29/2025 12:00 AM	9/29/2025 12:00 AM	Complete	(METER SET) 21803 O'HENRY AVE	Utilities	Other	Henry Noble
9/29/2025 12:00 AM	10/1/2025 12:00 AM	Complete	(SEWER SERVICE INSTALL) 2807 WILSON AVE	Utilities	Other	Luis Mendoza
9/24/2025 12:00 AM	9/25/2025 12:00 AM	Complete	(DRAINAGE ASSIST) 4206 ROCKWOOD DR	Utilities	Other	Benjamin Moore
9/18/2025 12:00 AM	9/25/2025 12:00 AM	Complete	(METER SET) 8520 PINE MUHLY DR	Utilities	Other	Henry Noble
9/17/2025 12:00 AM	9/17/2025 12:00 AM	Complete	(ROAD PATCH) SANTA ROSA AVE	Utilities	Other	Luis Mendoza
9/15/2025 12:00 AM	9/18/2025 12:00 AM	Complete	(METER SET) 2807 WILSON AVE	Utilities	Other	Henry Noble
9/11/2025 12:00 AM	9/11/2025 12:00 AM	Complete	(FIRE HYDRANT REMOVAL) CEDAR BREAKS/SUNSET PARK	Utilities	Other	Luis Mendoza
9/10/2025 12:00 AM	9/16/2025 12:00 AM	Complete	(SEWER ISSUE) 7424 AND 7428 DERSERT NEEDLE	Utilities	Other	Luis Mendoza
9/9/2025 12:00 AM	9/9/2025 12:00 AM	Complete	(WATER SERVICE ADJUSTMENT) 19905 CONSTITUTION DR	Utilities	Other	Benjamin Moore
9/9/2025 12:00 AM	9/9/2025 12:00 AM	Complete	(SEWER ISSUE) 3004 DAVENPORT CV	Utilities	Other	Luis Mendoza
9/8/2025 12:00 AM	9/18/2025 12:00 AM	Complete	(Drainage Assist) Outpost Trace	Utilities	Other	Benjamin Moore
9/5/2025 12:00 AM	9/5/2025 12:00 AM	Complete	(WATER LEAK) 8108 BAR K RANCH RD	Utilities	Water Leak	Joel Peer
9/4/2025 12:00 AM	9/15/2025 12:00 AM	Complete	TRUCK # 7021 (TPMS LIGHT FOR DRIVER'S BACK)	Utilities	Other	Joel Peer
9/4/2025 12:00 AM	9/4/2025 12:00 AM	Complete	(WATER LEAK) 21900 STIRRUP CV	Utilities	Water Leak	Luis Mendoza

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
9/3/2025 12:00 AM	9/4/2025 12:00 AM	Complete	TRUCK # 6019 (SQUEAKING ON BACK ROTORS)	Utilities	Other	Joel Peer
9/2/2025 12:00 AM	9/4/2025 12:00 AM	Complete	(METER SET) 20904 PASEO DE VACA	Utilities	Other	Henry Noble
9/2/2025 12:00 AM	9/3/2025 12:00 AM	Complete	(WATER LEAK) 21917 SURREY LN	Utilities	Water Leak	Luis Mendoza
				Total	18	



Work Management Requests

Lago Vista

Date Range: 9/1/2025 - 9/30/2025

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
9/5/2025 12:00 AM	9/5/2025 12:00 AM	Complete	(WATER LEAK) 8108 BAR K RANCH RD	Utilities	Water Leak	Joel Peer
9/4/2025 12:00 AM	9/15/2025 12:00 AM	Complete	TRUCK # 7021 (TPMS LIGHT FOR DRIVER'S BACK)	Utilities	Other	Joel Peer
9/3/2025 12:00 AM	9/4/2025 12:00 AM	Complete	TRUCK # 6019 (SQUEAKING ON BACK ROTORS)	Utilities	Other	Joel Peer
				Total	3	

Streets

Department



Work Management Requests

Lago Vista

Date Range: 9/1/2025 - 9/30/2025

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
9/29/2025 12:00 AM	10/1/2025 12:00 AM	In Progress	chipping	Streets	Other	Ulysses Gruver
9/29/2025 12:00 AM	9/30/2025 12:00 AM	In Progress	2806 Newton	Streets	Trimming & Mowing	Gregg Meredith
9/29/2025 12:00 AM	9/30/2025 12:00 AM	In Progress	3805 Congress	Streets	Trimming & Mowing	Gregg Meredith
9/29/2025 12:00 AM	10/1/2025 12:00 AM	In Progress	chipping	Streets	Other	Ulysses Gruver
				Total	4	



Work Management Requests

Lago Vista

Date Range: 9/1/2025 - 9/30/2025

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
9/29/2025 12:00 AM	10/2/2025 12:00 AM	Complete	(Road Repair) Bluff Ridge Trail	Streets	Pot Holes	James LeBlanc
9/29/2025 12:00 AM	10/1/2025 12:00 AM	Complete	3407 Boone	Streets	Trimming & Mowing	Gregg Meredith
9/29/2025 12:00 AM	9/30/2025 12:00 AM	Complete	3706 Congress	Streets	Trimming & Mowing	Gregg Meredith
9/29/2025 12:00 AM	9/30/2025 12:00 AM	Complete	21100 Nimitz	Streets	Trimming & Mowing	Gregg Meredith
9/29/2025 12:00 AM	9/29/2025 12:00 AM	Complete	Weedeat	Streets	Trimming & Mowing	Gregg Meredith
9/29/2025 12:00 AM	9/30/2025 12:00 AM	Complete	20711 Jackson	Streets	Trimming & Mowing	Gregg Meredith
9/29/2025 12:00 AM	9/30/2025 12:00 AM	Complete	3802 Congress	Streets	Trimming & Mowing	Gregg Meredith
9/29/2025 12:00 AM	9/30/2025 12:00 AM	Complete	4001 Constitution	Streets	Trimming & Mowing	Gregg Meredith
9/29/2025 12:00 AM	9/30/2025 12:00 AM	Complete	2904 Newton	Streets	Trimming & Mowing	Gregg Meredith
				Total	9	

CIP

Projects

PUBLIC WORKS CIP MONTHLY REPORT SEPTEMBER 2025

PROJECTS

➤ **Street Resurfacing Project Phase 2B**

Construction began during the second week of this month and is expected to be completed within approximately four weeks.

➤ **Sunset Park Drive**

The city's portion of the driveway construction has been completed. Restriping along FM 1431 is anticipated to begin within the next couple of weeks and will be performed during nighttime hours to minimize traffic disruptions.

➤ **Wastewater Treatment Plant (WWTP) Expansion**

The 30% design documents are currently on hold pending revisions to the project scope. The City is coordinating with KPA Engineering to conduct a third-party review of the structural components of the existing plant.

➤ **Lift Station Rehabilitation**

The project remains in the design phase, which includes preliminary design coordination and surveying efforts for each lift station.

➤ **Golf Course Irrigation**

The 90% design drawings are anticipated to be submitted to the City for review this week.

➤ **Effluent Pond**

Installation of the pond liner has been completed, and the contractor has begun pouring the concrete portion of the pond.

➤ **Water Treatment Plant No. 3**

City staff are currently verifying system capacities and evaluating future growth projections. This effort includes coordination with active developers to gather anticipated water demand data over the next several years to determine appropriate timing for design and construction.

➤ **Citywide Drainage Study**

A preliminary drainage study is underway in partnership with Freese and Nichols. City staff have identified key locations experiencing stormwater issues and provided this information to the consultant. Staff is currently awaiting a proposal and cost estimate from Freese and Nichols to proceed with the study.