

CITY OF LAGO VISTA WATER & WASTEWATER REPORT

August 2022



Water Production

This Month		Total Production - 59.054 MG				
	Raw Water	Production	Efficiency	Highest Day	Average Day	Lowest Day
Water Plant 1	26.112 MG	24.930 MG	95.5%	1.030 MG	0.804 MG	0.456 MG
Water Plant 2	0.000 MG	0.000 MG	∞%	--- MG	0.000 MG	--- MG
Water Plant 3	34.540 MG	34.125 MG	98.8%	1.438 MG	1.101 MG	0.757 MG
Combined	60.653 MG	59.054 MG	97.4%	2.443 MG	1.905 MG	1.306 MG

Past 12 Months		Total Production - 540.834 MG				
	Raw Water	Production	Efficiency	Highest Day	Average Day	Lowest Day
Water Plant 1	220.549 MG	219.568 MG	99.6%	1.047 MG	0.602 MG	0.283 MG
Water Plant 2	0.000 MG	0.000 MG	∞%	--- MG	0.000 MG	--- MG
Water Plant 3	324.848 MG	321.266 MG	98.9%	1.531 MG	0.880 MG	0.462 MG
Combined	545.397 MG	540.834 MG	99.2%	2.543 MG	1.482 MG	0.900 MG

Waste Water Treatment

This Month		Total Treated - 15.319 MG			
	Treated	Highest Day	Average Day	Lowest Day	
Waste Water Treatment Plant	15.319 MG	0.570 MG	0.494 MG	0.430 MG	

Past 12 Months		Total Treated - 165.455 MG			
	Treated	Highest Day	Average Day	Lowest Day	
Waste Water Treatment Plant	165.455 MG	0.715 MG	0.453 MG	0.263 MG	

Effluent Disposal

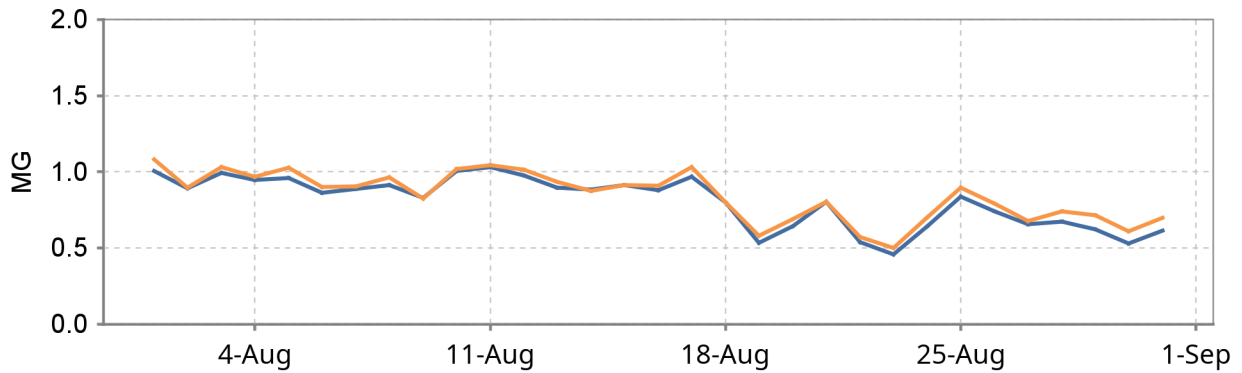
This Month		WWTP Plant Permit Total - 0.001 MG			
	Total	Highest Day	Average Day	Lowest Day	
Lago Vista Golf Course Permit	0.001 MG	0.001 MG	0.000 MG	0.000 MG	
Cedar Breaks Permit	0.001 MG	0.001 MG	0.000 MG	0.000 MG	
WWTP Plant Permit Total	0.001 MG	0.001 MG	0.000 MG	0.000 MG	
Reclaimed Effluent 210A Permit	0.001 MG	0.001 MG	0.000 MG	0.000 MG	

Past 12 Months		WWTP Plant Permit Total - 7.391 MG			
	Total	Highest Day	Average Day	Lowest Day	
Lago Vista Golf Course Permit	6.386 MG	0.817 MG	0.017 MG	-0.001 MG	
Cedar Breaks Permit	1.008 MG	0.550 MG	0.003 MG	-0.001 MG	
WWTP Plant Permit Total	7.391 MG	0.876 MG	0.020 MG	-0.001 MG	
Reclaimed Effluent 210A Permit	0.720 MG	0.157 MG	0.002 MG	0.000 MG	

August 2022

Water Plant 1 Water Production

This Month

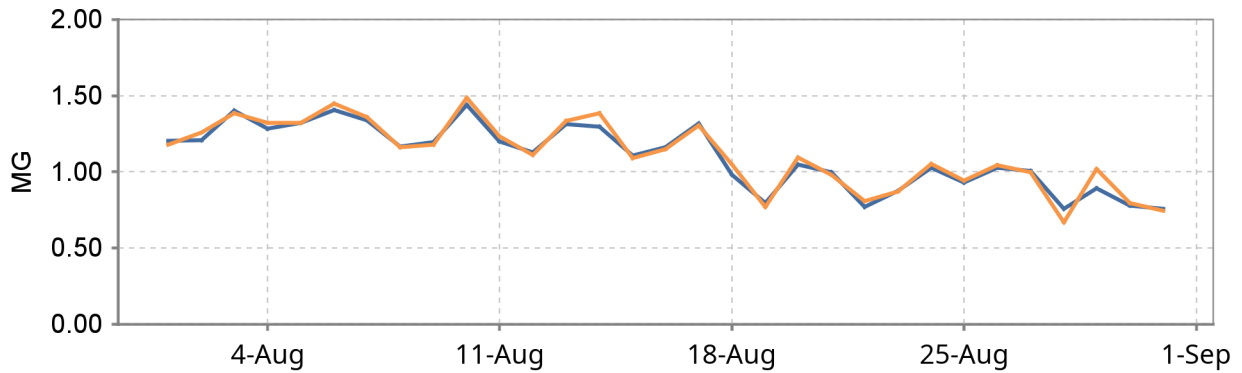


Date	WP1 Raw	WP1 Clarifier A	WP1 Clarifier B	WP1 Finished	WP1 Process Loss	WP1 Efficiency
08/01/22	1.083	0.563	0.527	1.008	0.075	93%
08/02/22	0.896	0.462	0.433	0.890	0.006	99%
08/03/22	1.032	0.542	0.486	0.994	0.039	96%
08/04/22	0.967	0.512	0.465	0.945	0.022	98%
08/05/22	1.027	0.532	0.485	0.958	0.069	93%
08/06/22	0.899	0.470	0.434	0.863	0.036	96%
08/07/22	0.903	0.471	0.423	0.889	0.013	99%
08/08/22	0.965	0.511	0.464	0.912	0.052	95%
08/09/22	0.824	0.421	0.403	0.830	-0.006	101%
08/10/22	1.019	0.536	0.478	1.005	0.014	99%
08/11/22	1.045	0.530	0.517	1.030	0.015	99%
08/12/22	1.013	0.521	0.495	0.977	0.036	96%
08/13/22	0.935	0.493	0.434	0.896	0.039	96%
08/14/22	0.874	0.448	0.424	0.885	-0.011	101%
08/15/22	0.914	0.493	0.434	0.914	0.000	100%
08/16/22	0.908	0.504	0.405	0.878	0.030	97%
08/17/22	1.031	0.549	0.474	0.967	0.064	94%
08/18/22	0.798	0.433	0.365	0.800	-0.002	100%
08/19/22	0.582	0.309	0.274	0.536	0.047	92%
08/20/22	0.690	0.371	0.323	0.645	0.045	93%
08/21/22	0.802	0.436	0.364	0.802	0.000	100%
08/22/22	0.571	0.274	0.290	0.538	0.033	94%
08/23/22	0.501	0.246	0.258	0.456	0.045	91%
08/24/22	0.700	0.316	0.380	0.643	0.057	92%
08/25/22	0.896	0.408	0.486	0.836	0.060	93%
08/26/22	0.792	0.367	0.434	0.742	0.050	94%
08/27/22	0.679	0.316	0.364	0.654	0.025	96%
08/28/22	0.742	0.347	0.393	0.675	0.067	91%
08/29/22	0.713	0.337	0.380	0.622	0.091	87%
08/30/22	0.611	0.285	0.323	0.529	0.082	87%
08/31/22	0.700	0.327	0.375	0.613	0.087	88%
Total (MG)	26.112	13.330	12.789	24.930	1.183	-
Highest	1.083	0.563	0.527	1.030	-	-
Average	0.842	0.430	0.413	0.804	-	95%
Lowest	0.501	0.246	0.258	0.456	-	-

August 2022

Water Plant 3 Water Production

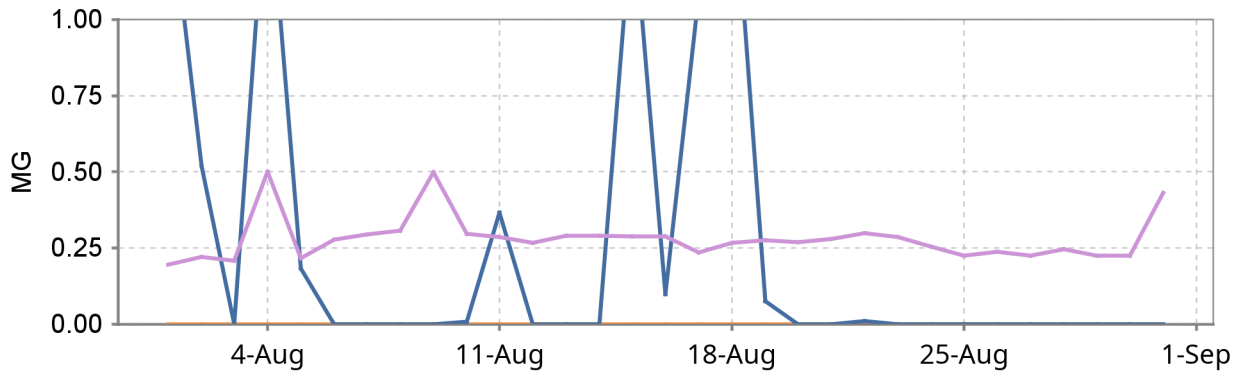
This Month



Date	WP3 Raw	WP3 Unit 1	WP3 Decant	WP3 Backwash	WP3 Finished	WP3 Process Loss	WP3 Efficiency
08/01/22	1.180	1.195	0.000	0.045	1.204	-0.025	102%
08/02/22	1.258	1.261	0.000	0.007	1.210	0.048	96%
08/03/22	1.385	1.393	0.000	0.000	1.402	-0.017	101%
08/04/22	1.320	1.380	0.000	0.053	1.285	0.036	97%
08/05/22	1.322	1.299	0.000	0.002	1.321	0.000	100%
08/06/22	1.447	1.428	0.000	0.000	1.407	0.040	97%
08/07/22	1.362	1.416	0.000	0.045	1.339	0.023	98%
08/08/22	1.164	1.167	0.000	0.008	1.164	0.000	100%
08/09/22	1.179	1.216	0.000	0.053	1.195	-0.016	101%
08/10/22	1.486	1.485	0.000	0.002	1.438	0.047	97%
08/11/22	1.236	1.208	0.000	0.000	1.198	0.038	97%
08/12/22	1.110	1.174	0.000	0.047	1.127	-0.017	101%
08/13/22	1.334	1.336	0.000	0.006	1.313	0.021	98%
08/14/22	1.386	1.334	0.000	0.000	1.297	0.089	94%
08/15/22	1.091	1.172	0.000	0.054	1.109	-0.018	102%
08/16/22	1.147	1.152	0.000	0.000	1.162	-0.015	101%
08/17/22	1.306	1.279	0.000	0.052	1.317	-0.012	101%
08/18/22	1.048	1.076	0.000	0.000	0.979	0.070	93%
08/19/22	0.768	0.806	0.000	0.000	0.794	-0.026	103%
08/20/22	1.093	1.059	0.000	0.000	1.048	0.045	96%
08/21/22	0.982	1.044	0.000	0.046	0.997	-0.015	102%
08/22/22	0.808	0.787	0.000	0.009	0.772	0.036	95%
08/23/22	0.872	0.885	0.000	0.000	0.875	-0.004	100%
08/24/22	1.053	1.016	0.000	0.000	1.025	0.028	97%
08/25/22	0.942	1.018	0.000	0.044	0.930	0.012	99%
08/26/22	1.044	1.009	0.000	0.010	1.027	0.017	98%
08/27/22	0.996	1.007	0.000	0.000	1.007	-0.011	101%
08/28/22	0.667	0.668	0.000	0.053	0.759	-0.091	114%
08/29/22	1.020	1.079	0.000	0.001	0.890	0.130	87%
08/30/22	0.793	0.764	0.000	0.000	0.777	0.016	98%
08/31/22	0.742	0.761	0.000	0.000	0.757	-0.014	102%
Total (MG)	34.540	34.876	0.000	0.535	34.125	0.416	-
Highest	1.486	1.485	0.000	0.054	1.438	-	-
Average	1.114	1.125	0.000	0.017	1.101	-	99%
Lowest	0.667	0.668	0.000	0.000	0.757	-	-

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
08/01/22	0.195	0.000	1.446	0.000	0.000	0.000	0.000	---
08/02/22	0.220	0.000	0.519	0.000	0.000	0.000	0.000	---
08/03/22	0.208	0.000	0.000	0.000	0.000	0.000	0.000	---
08/04/22	0.502	0.000	1.516	0.000	0.000	0.000	0.000	---
08/05/22	0.216	0.000	0.183	0.000	0.000	0.000	0.000	---
08/06/22	0.278	0.000	0.000	0.000	0.000	0.000	0.000	---
08/07/22	0.294	0.000	0.000	0.000	0.000	0.000	0.000	---
08/08/22	0.308	0.000	0.000	0.000	0.000	0.000	0.000	---
08/09/22	0.499	0.000	0.000	0.000	0.000	0.000	0.000	---
08/10/22	0.297	0.000	0.008	0.000	0.000	0.000	0.000	---
08/11/22	0.287	0.000	0.367	0.000	0.000	0.000	0.000	---
08/12/22	0.267	0.000	0.000	0.000	0.000	0.000	0.000	---
08/13/22	0.289	0.000	0.000	0.000	0.000	0.000	0.000	---
08/14/22	0.290	0.000	0.000	0.000	0.000	0.000	0.000	---
08/15/22	0.288	0.000	1.367	0.000	0.000	0.000	0.000	---
08/16/22	0.289	0.000	0.098	0.000	0.000	0.000	0.000	---
08/17/22	0.235	0.000	1.080	0.000	0.000	0.000	0.000	---
08/18/22	0.266	0.000	1.556	0.000	0.000	0.000	0.000	---
08/19/22	0.276	0.000	0.075	0.000	0.000	0.000	0.000	---
08/20/22	0.268	0.000	0.000	0.000	0.000	0.000	0.000	---
08/21/22	0.279	0.000	0.000	0.000	0.000	0.000	0.000	---
08/22/22	0.298	0.001	0.009	0.001	0.000	0.001	0.000	---
08/23/22	0.287	0.000	0.000	0.000	0.000	0.000	0.000	---
08/24/22	0.255	0.000	0.000	0.000	0.000	0.000	0.000	---
08/25/22	0.225	0.000	0.000	0.000	0.000	0.000	0.000	---
08/26/22	0.237	0.000	0.000	0.000	0.000	0.000	0.000	---
08/27/22	0.225	0.000	0.000	0.000	0.000	0.000	0.000	---
08/28/22	0.245	0.000	0.000	0.000	0.000	0.000	0.000	---
08/29/22	0.224	0.000	0.000	0.000	0.000	0.000	0.000	---
08/30/22	0.224	0.000	0.000	0.000	0.000	0.000	0.000	---
08/31/22	0.431	0.000	0.000	0.000	0.000	0.000	0.000	---
Total (MG)	8.699	0.001	8.224	0.001	0.000	0.001	0.003	0.000
Highest	0.502	0.001	1.556	0.001	0.000	0.001	0.000	---
Average	0.281	0.000	0.265	0.000	0.000	0.000	0.000	0.000
Lowest	0.195	0.000	0.000	0.000	0.000	0.000	0.000	---

City of Lago Vista Monthly Water Accounting Report



For the Month of: **July**

Year: **2022**

WATER PRODUCED (GAL)

1 Water Produced TOTAL PRODUCED: **66,911,000**

WATER SOLD (GAL)

2	Residential	50,799,800	
3	Commercial	3,313,000	
4	City Irrigation	1,735,300	
5	Fire Hydrant Meters	4,750,500	
6	City Meters (Y & Z routes)	3,903,400	
7	Other Sales (explain): <i>Off, not charged</i>		
8	TOTAL WATER SOLD:	63,692,300	95.19%

BREAKDOWN OF UNBILLED WATER USAGE (GAL)

9	Water Treatment Plant #1: Process Loss	349,000
10	Water Treatment Plant # 3: Process Loss & Backwash	1,148,000
11	Wastewater Treatment Plant:	
12	System Flushing	
13	Fire Department Usage:	
14	Other Usage (explain):	
15	lines 9-14 TOTAL UNBILLED WATER USAGE	1,497,000

BREAKDOWN OF KNOWN WATER LOST (GAL)

16	Tank Overflows/Drainage	FH	9,200
17	Excavation Breaks		
18	Water Line Breaks		6,500
19	lines 16-18 TOTAL KNOWN WATER LOST		15,700

TOTAL UNACCOUNTED WATER LOSS (GAL)

20 TOTAL UNACCOUNTED WATER: **1,706,000** 2.55%



Fleet Events By Date Range

Lago Vista

Date Range:

8/1/2022 - 8/31/2022

Date: 8/3/2022

Status: Complete

Assigned To: Joel Peer

Event ID: 6010

Event Type: Maintenance

Work Order ID:

Feature ID: 2500HD Pickup Truck

Feature Class: Fleet Unit

Fee:

Note: new tires mounted and balanced, oil and filter changed, fluids checked and topped off.

Date: 8/3/2022

Status: Complete

Assigned To: Joel Peer

Event ID: 7019

Event Type: Other

Work Order ID:

Feature ID: Chevy 2500 Pickup

Feature Class: Fleet Unit

Fee:

Note: old gas tank filler hose removed , cracked and leaking. replaced with new filler hose.

Date: 8/2/2022

Status: Complete

Assigned To: Joel Peer

Event ID: 3011

Event Type: Maintenance

Work Order ID:

Feature ID: Ford F250 4x4 Crew Cab

Feature Class: Fleet Unit

Fee:

Note: oil and filter changed. fluids checked

Date: 8/2/2022

Status: Complete

Assigned To: Joel Peer

Event ID: 7001

Event Type: Other

Work Order ID:

Feature ID: Mack Vac Truck

Feature Class: Fleet Unit

Fee:

Note: inspection sticker put on.

Date: 8/16/2022

Status: Complete

Assigned To: Joel Peer

Event ID: 6019

Event Type: Maintenance

Work Order ID:

Feature ID: Chevy 2500 Pickup

Feature Class: Fleet Unit

Fee:

Note: new oil and filter change, fluids checked and topped off.

Date: 8/4/2022

Status: Complete

Assigned To: Joel Peer

Event ID: 6005

Event Type: Maintenance

Work Order ID:

Feature ID: Chevy 2500 Silverado
Pickup

Feature Class: Fleet Unit

Fee:

Note: oil and filter change, removed and replaced air filter. fluids checked and topped off.

Total

6



Work Management Requests

Lago Vista

Date Range: 8/1/2022 - 8/31/2022

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
8/23/2022 12:00 AM	8/23/2022 12:00 AM	Complete	fill work	Streets	Other	Martin Camacho
8/22/2022 12:00 AM	8/22/2022 12:00 AM	Complete	drainage	Streets	Drainage	Martin Camacho
8/18/2022 12:00 AM	8/18/2022 12:00 AM	Complete	fill work	Streets	Other	Martin Camacho
8/18/2022 12:00 AM	8/18/2022 12:00 AM	Complete	drainage	Streets	Drainage	Martin Camacho
8/17/2022 12:00 AM	8/17/2022 12:00 AM	Complete	school lights	Streets	Other	Martin Camacho
8/17/2022 12:00 AM	8/17/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Martin Camacho
8/16/2022 12:00 AM	8/16/2022 12:00 AM	Complete	drainage	Streets	Drainage	Martin Camacho
8/16/2022 12:00 AM	8/16/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Martin Camacho
8/15/2022 12:00 AM	8/15/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Martin Camacho
8/15/2022 12:00 AM	8/15/2022 12:00 AM	Complete	deer	Streets	Deer Removal	Timoteo Alvarado
8/15/2022 12:00 AM	8/15/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Martin Camacho
8/11/2022 12:00 AM	8/11/2022 12:00 AM	Complete	green center	Streets	Other	Martin Camacho
8/10/2022 12:00 AM	8/10/2022 12:00 AM	Complete	green center	Streets	Other	Martin Camacho
8/10/2022 12:00 AM	8/10/2022 12:00 AM	Complete	POT HOLES	Streets	Pot Holes	Martin Camacho
8/9/2022 12:00 AM	8/9/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Martin Camacho

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
8/9/2022 12:00 AM	8/9/2022 12:00 AM	Complete	GREEN CENTER	Streets	Other	Martin Camacho
8/8/2022 12:00 AM	8/8/2022 12:00 AM	Complete	replace stop sign	Streets	Signs	Gregg Meredith
8/8/2022 12:00 AM	8/8/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Martin Camacho
8/8/2022 12:00 AM	8/8/2022 12:00 AM	Complete	GREEN CENTER	Streets	Other	Martin Camacho
8/8/2022 12:00 AM	8/8/2022 12:00 AM	Complete	replace strret sign	Streets	Signs	Gregg Meredith
8/4/2022 12:00 AM	8/4/2022 12:00 AM	Complete	Building maintenance	Streets	Other	Gregg Meredith
8/4/2022 12:00 AM	8/4/2022 12:00 AM	Complete	GREEN CENTER	Streets	Other	Martin Camacho
8/4/2022 12:00 AM	8/4/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Timoteo Alvarado
8/3/2022 12:00 AM	8/3/2022 12:00 AM	Complete	ROW mowing	Streets	Trimming & Mowing	Gregg Meredith
8/3/2022 12:00 AM	8/3/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Martin Camacho
8/2/2022 12:00 AM	8/2/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Martin Camacho
8/2/2022 12:00 AM	8/2/2022 12:00 AM	Complete	ROW mowing	Streets	Trimming & Mowing	Gregg Meredith
8/1/2022 12:00 AM	8/1/2022 12:00 AM	Complete	pot holes	Streets	Pot Holes	Martin Camacho
				Total	28	



Work Management Requests

Lago Vista

Date Range: 8/1/2022 - 8/31/2022

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
8/3/2022 12:00 AM	8/3/2022 12:00 AM	Complete	8106 BAR K RANCH RD (WATER LEAK)	Utilities	Water Leak	Michael Bell
				Total	1	