

CITY OF LAGO VISTA WATER & WASTEWATER REPORT

September 2023



Water Production

This Month		Total Production - 41.986 MG				
	Raw Water	Production	Efficiency	Highest Day	Average Day	Lowest Day
Water Plant 1	19.005 MG	9.927 MG	52.2%	0.410 MG	0.331 MG	0.235 MG
Water Plant 2	0.000 MG	0.000 MG	∞%	--- MG	0.000 MG	--- MG
Water Plant 3	32.402 MG	32.059 MG	98.9%	1.418 MG	1.069 MG	0.702 MG
Combined	51.406 MG	41.986 MG	81.7%	1.819 MG	1.400 MG	0.937 MG
Past 12 Months		Total Production - 509.681 MG				
	Raw Water	Production	Efficiency	Highest Day	Average Day	Lowest Day
Water Plant 1	205.611 MG	187.937 MG	91.4%	1.211 MG	0.515 MG	0.158 MG
Water Plant 2	0.000 MG	0.000 MG	∞%	--- MG	0.000 MG	--- MG
Water Plant 3	326.089 MG	321.744 MG	98.7%	1.727 MG	0.881 MG	0.460 MG
Combined	531.701 MG	509.681 MG	95.9%	2.705 MG	1.396 MG	0.684 MG

Waste Water Treatment

This Month		Total Treated - 18.360 MG		
	Treated	Highest Day	Average Day	Lowest Day
Waste Water Treatment Plant	18.360 MG	0.690 MG	0.612 MG	0.530 MG
Past 12 Months		Total Treated - 154.713 MG		
	Treated	Highest Day	Average Day	Lowest Day
Waste Water Treatment Plant	154.713 MG	0.980 MG	0.424 MG	0.000 MG

Effluent Disposal

This Month		WWTP Plant Permit Total - 18.360 MG		
	Total	Highest Day	Average Day	Lowest Day
Lago Vista Golf Course Permit	7.649 MG	0.359 MG	0.255 MG	0.131 MG
Cedar Breaks Permit	0.000 MG	0.000 MG	0.000 MG	0.000 MG
WWTP Plant Permit Total	18.360 MG	0.690 MG	0.612 MG	0.530 MG
Reclaimed Effluent 210A Permit	0.000 MG	0.000 MG	0.000 MG	0.000 MG
Past 12 Months		WWTP Plant Permit Total - 79.222 MG		
	Total	Highest Day	Average Day	Lowest Day
Lago Vista Golf Course Permit	33.007 MG	0.837 MG	0.090 MG	-0.001 MG
Cedar Breaks Permit	0.000 MG	0.001 MG	0.000 MG	-0.001 MG
WWTP Plant Permit Total	79.222 MG	0.870 MG	0.217 MG	-0.001 MG
Reclaimed Effluent 210A Permit	0.002 MG	0.001 MG	0.000 MG	0.000 MG

Combined Water Production

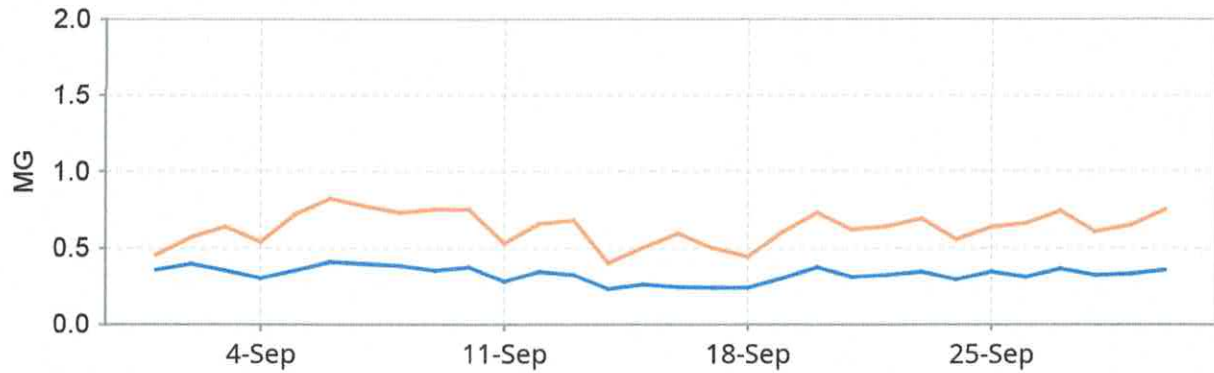
This Month



Date	WP1 Raw	WP2 Raw	WP3 Raw	Combined Raw	WP1 Finished	WP2 Finished	WP3 Finished	Combined Finished
09/01/23	0.456	---	1.404	1.860	0.359	---	1.401	1.760
09/02/23	0.571	---	1.491	2.062	0.401	---	1.418	1.819
09/03/23	0.638	---	1.386	2.024	0.358	---	1.410	1.768
09/04/23	0.543	---	1.115	1.658	0.307	---	1.094	1.400
09/05/23	0.721	---	1.118	1.839	0.358	---	1.125	1.484
09/06/23	0.825	---	1.209	2.034	0.410	---	1.214	1.624
09/07/23	0.772	---	1.204	1.976	0.399	---	1.165	1.564
09/08/23	0.733	---	1.176	1.909	0.387	---	1.144	1.530
09/09/23	0.755	---	1.207	1.962	0.358	---	1.184	1.542
09/10/23	0.752	---	1.306	2.058	0.378	---	1.318	1.695
09/11/23	0.533	---	0.962	1.495	0.285	---	0.948	1.233
09/12/23	0.658	---	1.060	1.719	0.346	---	1.068	1.414
09/13/23	0.680	---	0.927	1.606	0.326	---	0.907	1.233
09/14/23	0.402	---	0.745	1.147	0.235	---	0.702	0.937
09/15/23	0.503	---	0.853	1.356	0.265	---	0.845	1.110
09/16/23	0.598	---	0.818	1.416	0.246	---	0.817	1.063
09/17/23	0.499	---	0.877	1.377	0.244	---	0.895	1.139
09/18/23	0.447	---	0.824	1.271	0.244	---	0.826	1.070
09/19/23	0.606	---	0.979	1.585	0.306	---	0.963	1.268
09/20/23	0.732	---	1.048	1.780	0.377	---	1.083	1.460
09/21/23	0.624	---	1.051	1.675	0.316	---	0.992	1.308
09/22/23	0.642	---	1.073	1.715	0.326	---	1.070	1.396
09/23/23	0.694	---	1.130	1.823	0.346	---	1.158	1.505
09/24/23	0.558	---	1.126	1.685	0.296	---	1.036	1.331
09/25/23	0.640	---	0.871	1.511	0.347	---	0.862	1.208
09/26/23	0.662	---	1.014	1.677	0.316	---	1.024	1.341
09/27/23	0.745	---	1.139	1.884	0.369	---	1.132	1.501
09/28/23	0.608	---	1.074	1.682	0.328	---	1.056	1.383
09/29/23	0.653	---	1.066	1.719	0.337	---	1.072	1.409
09/30/23	0.754	---	1.148	1.903	0.359	---	1.131	1.490
Total (MG)	19.005	0.000	32.402	51.406	9.927	0.000	32.059	41.986
Highest	0.825	---	1.491	2.062	0.410	---	1.418	1.819
Average	0.633	0.000	1.080	1.714	0.331	0.000	1.069	1.400
Lowest	0.402	---	0.745	1.147	0.235	---	0.702	0.937

Water Plant 1 Water Production

This Month



Date	WP1 Raw	WP1 Clarifier A	WP1 Clarifier B	WP1 Finished	WP1 Process Loss	WP1 Efficiency
09/01/23	0.456	0.281	0.163	0.359	0.097	79%
09/02/23	0.571	0.392	0.193	0.401	0.170	70%
09/03/23	0.638	0.394	0.234	0.358	0.280	56%
09/04/23	0.543	0.352	0.203	0.307	0.236	56%
09/05/23	0.721	0.456	0.265	0.358	0.363	50%
09/06/23	0.825	0.538	0.295	0.410	0.415	50%
09/07/23	0.772	0.496	0.265	0.399	0.373	52%
09/08/23	0.733	0.466	0.265	0.387	0.346	53%
09/09/23	0.755	0.487	0.275	0.358	0.397	47%
09/10/23	0.752	0.476	0.274	0.378	0.374	50%
09/11/23	0.533	0.335	0.188	0.285	0.248	53%
09/12/23	0.658	0.425	0.244	0.346	0.312	53%
09/13/23	0.680	0.435	0.244	0.326	0.354	48%
09/14/23	0.402	0.247	0.142	0.235	0.167	58%
09/15/23	0.503	0.415	0.092	0.265	0.238	53%
09/16/23	0.598	0.299	0.299	0.246	0.352	41%
09/17/23	0.499	0.310	0.183	0.244	0.255	49%
09/18/23	0.447	0.292	0.153	0.244	0.203	55%
09/19/23	0.606	0.383	0.224	0.306	0.300	50%
09/20/23	0.732	0.465	0.265	0.377	0.355	51%
09/21/23	0.624	0.393	0.234	0.316	0.308	51%
09/22/23	0.642	0.401	0.244	0.326	0.315	51%
09/23/23	0.694	0.424	0.264	0.346	0.347	50%
09/24/23	0.558	0.331	0.224	0.296	0.263	53%
09/25/23	0.640	0.395	0.255	0.347	0.293	54%
09/26/23	0.662	0.405	0.255	0.316	0.346	48%
09/27/23	0.745	0.464	0.285	0.369	0.376	50%
09/28/23	0.608	0.372	0.234	0.328	0.280	54%
09/29/23	0.653	0.393	0.255	0.337	0.316	52%
09/30/23	0.754	0.466	0.295	0.359	0.396	48%
Total (MG)	19.005	11.987	7.012	9.927	9.078	-
Highest	0.825	0.538	0.299	0.410	-	-
Average	0.633	0.400	0.234	0.331	-	52%
Lowest	0.402	0.247	0.092	0.235	-	-

Water Plant 3 Water Production

This Month



Date	WP3 Raw	WP3 Unit 1	WP3 Decant	WP3 Backwash	WP3 Finished	WP3 Process Loss	WP3 Efficiency
09/01/23	1.404	1.412	0.000	0.000	1.401	0.002	100%
09/02/23	1.491	1.531	0.000	0.053	1.418	0.072	95%
09/03/23	1.386	1.400	0.000	0.002	1.410	-0.024	102%
09/04/23	1.115	1.170	0.000	0.052	1.094	0.021	98%
09/05/23	1.118	1.131	0.000	0.002	1.125	-0.008	101%
09/06/23	1.209	1.198	0.000	0.000	1.214	-0.005	100%
09/07/23	1.204	1.272	0.000	0.054	1.165	0.039	97%
09/08/23	1.176	1.175	0.000	0.000	1.144	0.032	97%
09/09/23	1.207	1.207	0.000	0.000	1.184	0.022	98%
09/10/23	1.306	1.368	0.000	0.054	1.318	-0.012	101%
09/11/23	0.962	0.962	0.000	0.000	0.948	0.014	99%
09/12/23	1.060	1.070	0.000	0.000	1.068	-0.008	101%
09/13/23	0.927	0.976	0.000	0.053	0.907	0.020	98%
09/14/23	0.745	0.754	0.000	0.002	0.702	0.043	94%
09/15/23	0.853	0.853	0.000	0.000	0.845	0.008	99%
09/16/23	0.818	0.816	0.000	0.000	0.817	0.001	100%
09/17/23	0.877	0.940	0.000	0.053	0.895	-0.018	102%
09/18/23	0.824	0.838	0.000	0.001	0.826	-0.002	100%
09/19/23	0.979	0.972	0.000	0.000	0.963	0.016	98%
09/20/23	1.048	1.075	0.000	0.053	1.083	-0.034	103%
09/21/23	1.051	1.085	0.000	0.001	0.992	0.059	94%
09/22/23	1.073	1.079	0.000	0.000	1.070	0.003	100%
09/23/23	1.130	1.144	0.000	0.052	1.158	-0.028	103%
09/24/23	1.126	1.160	0.000	0.002	1.036	0.091	92%
09/25/23	0.871	0.883	0.000	0.000	0.862	0.009	99%
09/26/23	1.014	1.027	0.000	0.000	1.024	-0.010	101%
09/27/23	1.139	1.203	0.000	0.054	1.132	0.007	99%
09/28/23	1.074	1.081	0.000	0.001	1.056	0.019	98%
09/29/23	1.066	1.071	0.000	0.000	1.072	-0.006	101%
09/30/23	1.148	1.214	0.000	0.047	1.131	0.017	99%
Total (MG)	32.402	33.068	0.000	0.536	32.059	0.342	-
Highest	1.491	1.531	0.000	0.054	1.418	-	-
Average	1.080	1.102	0.000	0.018	1.069	-	99%
Lowest	0.745	0.754	0.000	0.000	0.702	-	-

City of Lago Vista Monthly Water Accounting Report



For the Month of: **August**

Year: **2023**

WATER PRODUCED (GAL)

1 Water Produced **TOTAL PRODUCED: 48,459,000**

WATER SOLD (GAL)

2	Residential	40,130,400	
3	Commercial	3,560,400	
4	City Irrigation	1,277,200	
5	Fire Hydrant Meters	879,900	
6	City Meters (Y & Z routes)	278,370	
7	Other Sales (explain):		
8	TOTAL WATER SOLD:	46,126,270	95.19%

BREAKDOWN OF UNBILLED WATER USAGE (GAL)

9	Water Treatment Plant #1: Process Loss	400,200
10	Water Treatment Plant #3: Process Loss & Backwash	461,000
11	Wastewater Treatment Plant:	
12	System Flushing	50,000
13	Fire Department Usage:	45,000
14	Other Usage (explain): off, not charged	
15	lines 9-14 TOTAL UNBILLED WATER USAGE	956,200

BREAKDOWN OF KNOWN WATER LOST (GAL)

16	Tank Overflows/Drainage	
17	Excavation Breaks	55,000
18	Water Line Breaks	35,000
19	lines 16-18 TOTAL KNOWN WATER LOST	90,000

TOTAL UNACCOUNTED WATER LOSS (GAL)

20 **TOTAL UNACCOUNTED WATER: 1,286,530 2.65%**



Work Management Requests

Lago Vista

Date Range: 9/1/2023 - 10/12/2023

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
10/11/2023 12:00 AM	10/12/2023 12:00 AM	In Progress	(WATER SERVICE INSTALL) 2810 WILSON AVE	Utilities	Other	Kurt Peer
10/10/2023 12:00 AM	10/10/2023 12:00 AM	In Progress	(SEWER SERVICE INSTALL) 7601 Bar K Ranch Road	Utilities	Other	Kurt Peer
10/9/2023 12:00 AM	10/9/2023 12:00 AM	In Progress	FH Replacement: Bar-K Ranch Rd	Utilities	FH Issue/Replacement	Steve Castro
10/5/2023 12:00 AM	10/5/2023 12:00 AM	In Progress	Sewer Leak: Marshall Ave	Utilities	Sewer Leak	Steve Castro
10/5/2023 12:00 AM	10/5/2023 12:00 AM	Cancelled	Sewer Repair: Marshall Ave	Utilities	Other	Ernesto Rios
10/4/2023 12:00 AM	10/4/2023 12:00 AM	In Progress	Concrete Aprons: Santa Rosa	Utilities	Other	Kurt Peer
10/2/2023 12:00 AM	10/3/2023 12:00 AM	Complete	(SEWER SERVICE INSTALL) 21422 SANTA ROSA AVE	Utilities	Other	Kurt Peer
10/2/2023 12:00 AM	10/3/2023 12:00 AM	Complete	(WATER SERVICE INSTALL) 21422 SANTA ROSA AVE	Utilities	Other	Kurt Peer
9/28/2023 12:00 AM	9/28/2023 12:00 AM	Complete	Sewer Leak: Paseo de Vaca	Utilities	Sewer Leak	Kurt Peer
9/28/2023 12:00 AM	9/28/2023 12:00 AM	Complete	(METER SET) 21422 Santa Rosa Ave	Utilities	Other	Jamie Nichols
9/27/2023 12:00 AM	9/28/2023 12:00 AM	Complete	(WATER SERVICE INSTALL) 4705 HUACO CV	Utilities	Other	Kurt Peer
9/27/2023 12:00 AM	9/27/2023 12:00 AM	Complete	Water Leak: Arroyo Ave	Utilities	Water Leak	Kurt Peer
9/27/2023 12:00 AM	9/28/2023 12:00 AM	Complete	(SEWER SERVICE INSTALL) 4705 HUACO CV	Utilities	Other	Kurt Peer
9/25/2023 12:00 AM	9/26/2023 12:00 AM	Received	(WATER SERVICE INSTALL) 20403 BELL LN	Utilities	Other	Kurt Peer
9/25/2023 12:00 AM	9/26/2023 12:00 AM	Received	(SEWER SERVICE INSTALL) 20403 BELL LN	Utilities	Other	Kurt Peer

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
9/20/2023 12:00 AM	9/21/2023 12:00 AM	Received	(WATER SERVICE INSTALL) 7706 DAKOTA CIRCLE	Utilities	Other	Kurt Peer
9/20/2023 12:00 AM	9/21/2023 12:00 AM	Received	(SEWER SERVICE INSTALL) 7706 DAKOTA CIRCLE	Utilities	Other	Kurt Peer
9/19/2023 12:00 AM	9/19/2023 12:00 AM	Complete	(WATER LEAK) 20609 BRIDAL PATH RD	Utilities	Water Leak	Kurt Peer
9/19/2023 12:00 AM	9/19/2023 12:00 AM	Complete	(WATER LEAK) 21201 PALOMINO CV	Utilities	Water Leak	Steve Castro
9/18/2023 12:00 AM	9/19/2023 12:00 AM	Complete	(SEWER SERVICE INSTALL) 3204 MORGAN LN	Utilities	Other	Kurt Peer
9/14/2023 12:00 AM	9/14/2023 12:00 AM	Complete	Insert Valve Prep: Bell Lane	Utilities	Other	Steve Castro
9/13/2023 12:00 AM	9/14/2023 12:00 AM	In Progress	(WATER SERVICE INSTALL) 21405 RIDGEVIEW CIR	Utilities	Other	Kurt Peer
9/13/2023 12:00 AM	9/14/2023 12:00 AM	In Progress	(SEWER SERVICE INSTALL) 21405 RIDGEVIEW CIR	Utilities	Other	Kurt Peer
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 21109 NEEDLES CV	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 4029 OUTPOST TRACE	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 6815 LIBERTY GROTTTO CT	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 1803 OMAHA DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 8600 PINE MUHLY DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 8524 PINE MUHLY DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/12/2023 12:00 AM	Complete	Water Leak: Bar-K Ranch	Utilities	Water Leak	Steve Castro
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 8504 PINE MUHLY DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 8602 PINE MUHLY DR	Utilities	Other	Jamie Nichols

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 4107 COOPER LN	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 5209 THUNDERBIRD ST B	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 21668 HIGH DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 5209 THUNDERBIRD ST A	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 3607 ROCKEFELLER CV	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 8508 PINE MUHLY DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 2205 PATRIOT DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 8513 PINE MUHLY DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 21603 AMERICAN CV	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 8515 PINE MUHLY DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 8512 PINE MUHLY DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 3107 PATRIOT DR	Utilities	Other	Jamie Nichols
9/12/2023 12:00 AM	9/13/2023 12:00 AM	Complete	(METER SET) 21405 RIDGEVIEW CIR	Utilities	Other	Jamie Nichols
9/11/2023 12:00 AM	9/12/2023 12:00 AM	Complete	(SEWER SERVICE INSTALL) 3107 PATRIOT DR	Utilities	Other	Kurt Peer
9/11/2023 12:00 AM	9/12/2023 12:00 AM	Complete	(WATER SERVICE INSTALL) 3107 PATRIOT DR	Utilities	Other	Kurt Peer
9/6/2023 12:00 AM	9/6/2023 12:00 AM	Complete	Water Leak: Dawn Dr	Utilities	Water Leak	Steve Castro
9/5/2023 12:00 AM	9/6/2023 12:00 AM	Received	(WATER SERVICE INSTALL) 21632 HIGH DR	Utilities	Other	Kurt Peer

Start Date	End Date	Status	Request ID	Type	Sub Type	Assigned To
9/5/2023 12:00 AM	9/6/2023 12:00 AM	Received	(SEWER SERVICE INSTALL) 21632 HIGH DR	Utilities	Other	Kurt Peer
				Total	50	