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TOWN OF NORTHLAKE

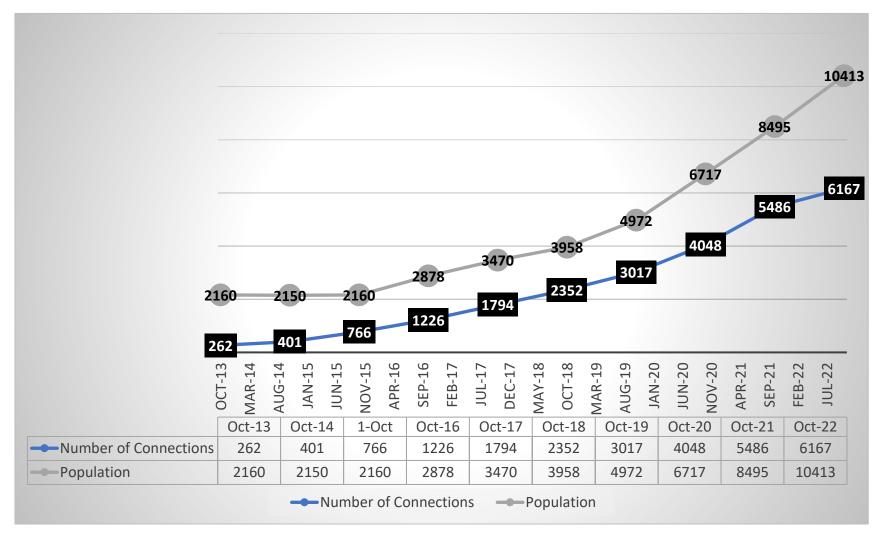
WATER CONSERVATION STEPS

BRANDON DOUGHTYPUBLIC WORKS SUPERINTENDENT





NUMBER OF CONNECTIONS





- Inform the public and enforce the current Water Conservation stage.
- Create trends and forecast what watering days could potentially be a large usage day.
- Keep employees engaged and in areas where water usage is high.



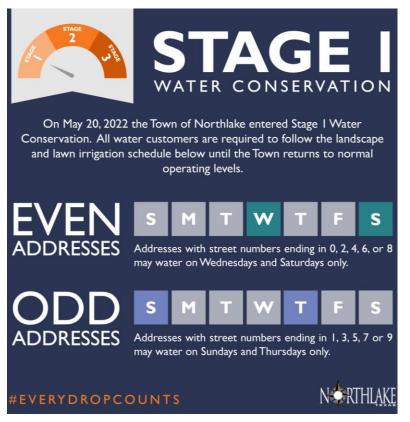
The Town used many ways to inform the public about water conservation

- Multiple social media posts
- Water bill inserts
- Water conservation signs at entrances of neighborhoods
- Door hangers

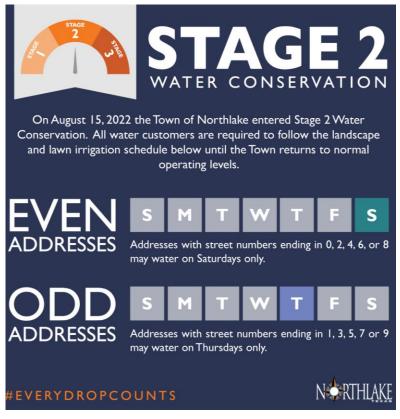




SOCIAL MEDIA POSTS



WWW.TOWN.NORTHLAKE.TX.US











Fach resident or business who elected to have bills mailed, received this notice along with the bill. When it came to residents or HOA's filling swimming pools, we required a notice of filling and would schedule them to fill on the lower usage days.

A 10% RATE INCREASE SHALL BE INITIATED FOR HIGH WATER USAGE

COMMERCIAL IRRIGATION OR RESIDENTIAL METERSWITH READINGS GREATER THAN 45,000 GALLONS PER MONTH, PER ACCOUNT



As of May 20, 2022, the Town of Northlake has entered Stage I Water Conservation. All water service customers are required to adhere to the following conservation measures until the Town returns to normal operating levels.

I AWN AND LANDSCAPE IRRIGATION SCHEDULE Addresses with street numbers ending in 0, 2, 4, 6, or 8 may water on Wednesdays and Saturdays only. Addresses with street numbers ending in 1, 3, 5, 7 or 9 may water on Sundays and Thursdays only. **BUSINESSES** CHURCHES, **SCHOOLS** Businesses, churches, schools and other organizations may water on Tuesdays and Fridays only.



SWIMMING POOLS

Please refrain from using water to fill, refill or add to any indoor or outdoor swimming pools, wading pools or Jacuzzi-type pools except on designated watering days between the hours of 12:00 am (midnight) and 10:00 am, and between 8:00 pm and 12:00 am (midnight).

FOR MORE INFORMATION AND TO FIND OUT WHY #EVERYDROPCOUNTS, VISIT WWW.TOWN.NORTHLAKE.TX.US





WWW.TOWN.NORTHLAKE.TX.US







Signs like these were installed at each entrance of each neighborhood. We also installed signs in business areas, ensuring that employees there were aware of water conservation stages.

STAGE 1 WATER CONSERVATION MEASURES ARE IN EFFECT

WATER 2 TIMES PER WEEK

EVEN ADDRESSES WEDNESDAY & SATURDAY ODD ADDRESSES SUNDAY & THURSDAY







Door hangers were used as a last resort to inform the residents and businesses. These would be handed out by code enforcement or crews doing irrigation checks. The door hangers would be used for 1st offense warnings.



CODE COMPLIANCE ADVISORY NOTICE

ADDRESS OF VIOLATION



The Town of Northlake has entered Stage I Water Conservation.

All water service customers are required to adhere to the following conservation measures until the Town returns to normal operating levels.



NO IRRIGATION WATERING BETWEEN THE HOURS OF 10AM AND 6PM. HAND WATERING IS ALLOWED.

Issued by:	Date:	
Comments:		

FOR QUESTIONS OR CONCERNS ABOUT WATER CONSERVATION REQUIREMENTS PLEASE CONTACT:

TOWN OF NORTHLAKE

DEVELOPMENTAL SERVICES - CODE COMPLIANCE 1700 COMMONS CIRCLE STE. 200 • NORTHLAKE, TX 76226 940.648.3290 ×273





Use technology to your advantage. Creating excel files to show high usage and using SCADA to show pumping trends.



TRENDING HIGH WATER USAGE DAYS

						Stage 1							S		ge 1
month	Harvest	Canyon Falls	Total	Subscription	Percentage used			month	Harvest	Canyon Falls	Total	Subscription	Percentage used	Water Co	nservation
1-Jul	3285000	757000	4042000	5800000	70%	Fri	business	1-Aug	3585000	826000	4411000	5800000	76%	Mon	NO IRRIG
2-Jul	3045000	818000	3863000	5800000	67%	Sat	even	2-Aug	3232000	728000	3960000	5800000	68%	Tues	business
3-Jul	3232000	797000	4029000	5800000	69%	Sun	odd	3-Aug	4263000	1057000	5320000	5800000	92%	Wed	even
4-Jul	3239000	852000	4091000	5800000	71%	Mon	NO IRRIG	4-Aug	4503000	860000	5363000	5800000	92%	Thurs	odd
5-Jul	3049000	767000	3816000	5800000	66%	Tues	business	5-Aug	3853000	791000	4644000	5800000	80%	Fri	business
6-Jul	3746000	920000	4666000	5800000	80%	Wed	even	6-Aug	3944000	979000	4923000	5800000	85%	Sat	even
7-Jul	3827000	853000	4680000	5800000	81%	Thurs	odd	7-Aug	4160000	1019000	5179000	5800000	89%	Sun	odd
8-Jul	3448000	780000	4228000	5800000	73%	Fri	business	8-Aug	3772000	853000	4625000	5800000	80%	Mon	NO IRRIG
9-Jul	3521000	917000	4438000	5800000	77%	Sat	even	9-Aug	3071000	610000	3681000	5800000	63%	Tues	business
10-Jul	3802000	951000	4753000	5800000	82%	Sun	odd	10-Aug	2890000	610000	3500000	5800000	60%	Wed	even
11-Jul	3532000	813000	4345000	5800000	75%	Mon	NO IRRIG	11-Aug	2831000	635000	3466000	5800000	60%	Thurs	odd
12-Jul	3254000	774000	4028000	5800000	69%	Tues	business	12-Aug	2923000	649000	3572000	5800000	62%	Fri	business
13-Jul	4438000	965000	5403000	5800000	93%	Wed	even	13-Aug	3352000	862000	4214000	5800000	73%	Sat	even
14-Jul	4063000	1013000	5076000	5800000	88%	Thurs	odd	14-Aug	3729000	944000	4673000	5800000	81%	Sun	odd
15-Jul	3675000	809000	4484000	5800000	77%	Fri	business	15-Aug	3439000	766000	4205000	5800000	73%	Mon	NO IRRIG
16-Jul	4031000	964000	4995000	5800000	86%	Sat	even	16-Aug	3355000	766000	4121000	5800000	71%	Tues	business
17-Jul	4184000	992000	5176000	5800000	89%	Sun	odd	17-Aug	4043000	914000	4957000	5800000	85%	Wed	even
18-Jul	3888000	845000	4733000	5800000	82%	Mon	NO IRRIG	18-Aug	3512000	851000	4363000	5800000	75%	Thurs	odd
19-Jul	3837000	769000	4606000	5800000	79%	Tues	business	19-Aug	2570000	543000	3113000	5800000	54%	Fri	business
20-Jul	4816000	1070000	5886000	5800000	101%	Wed	even	20-Aug	3155000	831000	3986000	5800000	69%	Sat	even
21-Jul	4485000	962000	5447000	5800000	94%	Thurs	odd	21-Aug	2876000	712000	3588000	5800000	62%	Sun	odd
22-Jul	3791000	747000	4538000	5800000	78%	Fri	business	22-Aug	1380000	400000	1780000	5800000	31%	Mon	NO IRRIG
23-Jul	4262000	963000	5225000	5800000	90%	Sat	even	23-Aug	1736000	339000	2075000	5800000	36%	Tues	business
24-Jul	4149000	956000	5105000	5800000	88%	Sun	odd	24-Aug	2197000	545000	2742000	5800000	47%	Wed	even
25-Jul	3852000	1007000	4859000	5800000	84%	Mon	NO IRRIG	25-Aug	2408000	635000	3043000	5800000	52%	Thurs	odd
26-Jul	3364000	839000	4203000	5800000	72%	Tues	business	26-Aug	2221000	529000	2750000	5800000	47%	Fri	business
27-Jul	4733000	1013000	5746000	5800000	99%	Wed	even	27-Aug	2733000	743000	3476000	5800000	60%	Sat	even
28-Jul	4115000	998000	5113000	5800000	88%	Thurs	odd	28-Aug	2961000	796000	3757000	5800000	65%	Sun	odd
29-Jul	3599000	795000	4394000	5800000	76%	Fri	business	29-Aug	2722000	561000	3283000	5800000	57%	Mon	NO IRRIG
30-Jul	3643000		4562000	5800000	79%	Sat	even	30-Aug	1742000	355000	2097000	5800000	36%	Tues	business
31-Jul	3687000	916000	4603000	5800000	79%	Sun	odd	31-Aug	2026000	378000	2404000	5800000	41%	Wed	even









ELEVATED STORAGETRENDS

August 19-20, 2022. In this trend, pumps were turned off around 9:30 am on August 19th (EST 33.7') so our GST could recover. The significant drop from 9:30am to 2 pm (EST 16') was 553,000 gallons. With the GST recovered, we have 2 at this location 213,000 gal and 600,000 gal, we turned on 3 pumps (4600 gpm) to fill the elevated and recover before the early morning pull starting around 2 am on the 20th.





PUMPING TRENDS

Harvest PS Trend Sites



Historic Trends Statistics

Home

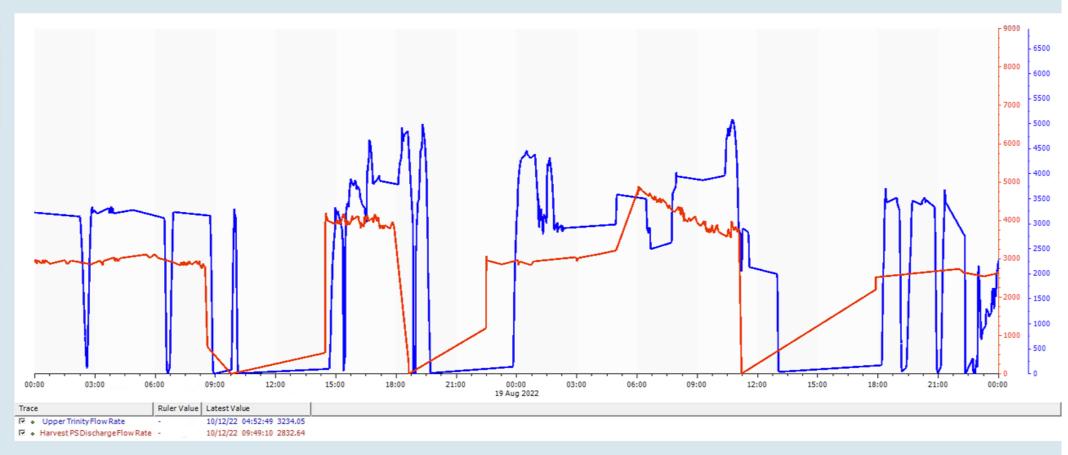
Admin

Setpoints

Alarms

Events

Reports





The Town's most valuable resources for water conservation is the employees. Having crews monitor the high usage areas and businesses throughout the day, helped cut down on watering during the non-scheduled times/day. Having the employees trained and knowledgeable of the water conservation stage helped with informing the residents even more.