

Diversions - Pumped from Wells		Pumped (Acre-Feet)												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Well #8		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					0.00
Well # 15 (formerly #10)		9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00					9.10
Well #11		103.51	106.14	130.92	112.72	128.79	140.44	141.61						864.13
Well #12		10.22	27.97	44.32	47.59	59.33	59.90	52.31						301.64
Sub-Total		122.83	134.11	175.24	160.31	188.12	200.34	193.92	0.00	0.00	0.00	0.00	0.00	1,174.87
Delivered to Ft. Mojave Indian Tribe (AZ)		27.42	21.33	22.31	11.25	0.00	0.00	0.00						82.31
Delivered to Ft. Mojave Indian Tribe (CA)		2.30	46.94	2.53	4.57	4.29	5.99	3.66						70.28
Sub-Total		29.72	68.27	24.84	15.82	4.29	5.99	3.66	0.00	0.00	0.00	0.00	0.00	152.59
City of Needles' Net Diversion		93.11	65.84	150.40	144.49	183.83	194.35	190.26	0.00	0.00	0.00	0.00	0.00	1,022.28
Uses of Water														
Commercial Accounts		36.46	22.07	51.33	41.99	75.29	83.88	73.36						384.38
Residential Accounts		42.78	14.81	50.01	41.39	37.50	38.88	47.67						273.04
Golf Course		10.22	27.97	44.32	47.59	59.33	59.90	52.31						301.64
Parks, Ballparks, Cemetery		3.66	0.99	4.74	13.52	11.71	11.69	16.92						63.23
Total		93.12	65.84	150.40	144.49	183.83	194.35	190.26	0.00	0.00	0.00	0.00	0.00	1,022.29

CALENDAR YEAR 2026
WASTEWATER TREATMENT PLANT

	Mean Flow	# Days	A/F	A/F Return
Jan	0.438	31	41.67	40.42
Feb	0.443	28	38.07	36.93
Mar	0.450	31	42.81	41.53
Apr	0.439	30	40.42	39.21
May	0.461	31	43.86	42.54
Jun	0.461	30	42.45	41.17
Jul	0.477	31	45.38	44.02
Aug		31	0.00	0.00
Sep		30	0.00	0.00
Oct		31	0.00	0.00
Nov		30	0.00	0.00
Dec		31	0.00	0.00
TOTAL	3.169	365	294.66	285.82

Daily mean flow x #days mo X 1,000,000 = gal/mo
divided by 7.48 divided by 43560 = A/F mo

CITY OF NEEDLES
WATER ACCOUNTING
MONTHLY CALCULATION SHEET
CALENDAR YEAR 2026

Diversions													
	Pumped (Acre-Feet)												
Pumped from Wells	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Well #8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well # 15 (FKA #10)	9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.10
Well #11	103.51	106.14	130.92	112.72	128.79	140.44	141.61	0.00	0.00	0.00	0.00	0.00	864.13
Well #12	10.22	27.97	44.32	47.59	59.33	59.90	52.31	0.00	0.00	0.00	0.00	0.00	301.64
Sub-Total	122.83	134.11	175.24	160.31	188.12	200.34	193.92	0.00	0.00	0.00	0.00	0.00	1,174.87
Delivered to Ft. Mojave Indian Tribe (AZ)	27.42	21.33	22.31	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.31
Delivered to Ft. Mojave Indian Tribe (CA)	2.30	46.94	2.53	4.57	4.29	5.99	3.66	0.00	0.00	0.00	0.00	0.00	70.28
Sub-Total	29.72	68.27	24.84	15.82	4.29	5.99	3.66	0.00	0.00	0.00	0.00	0.00	152.59
City of Needles' Net Diversion	93.11	65.84	150.40	144.49	183.83	194.35	190.26	0.00	0.00	0.00	0.00	0.00	1,022.28

Return and Other Credits													
Measured Returns													
Sewer Plant's Rapid Infiltration Ponds ¹		40.42	36.93	41.53	39.21	42.54	41.17	44.02	0.00	0.00	0.00	0.00	285.82
Unmeasured Returns													
Percolation from Golf Course ²		0.00	9.63	17.74	27.02	14.47	11.95	8.56	0.00	0.00	0.00	0.00	89.38
Percolation from Parks ³		1.46	0.40	1.90	5.41	4.68	4.68	6.77	0.00	0.00	0.00	0.00	25.29
Percolation from Large Commercial Users ⁴		0.88	0.53	1.23	1.01	1.81	2.01	1.76	0.00	0.00	0.00	0.00	9.23
System Losses ⁵		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Septic Tank Returns ⁶		4.12	3.84	4.41	4.22	4.12	3.96	4.54	0.00	0.00	0.00	0.00	29.23
Total Unmeasured Returns		6.46	14.40	25.28	37.66	25.09	22.60	21.63	0.00	0.00	0.00	0.00	153.13
Total Returns		46.88	51.33	66.81	76.87	67.63	63.77	65.65	0.00	0.00	0.00	0.00	438.95

Footnotes:

- 1/Calculated as WWTP Total Discharge*0.97.
- 2/Calculated as Monthly Delivery to Golf Course*Efficiency-Monthly ET. Efficiency =0.9
- 3/Calculated as Delivery to Parks,Ballparks,Cemetery*0.40.
- 4/Calculated as 24% of Deliveries to Commercial Accounts*0.10.
- 5/Calculated as City of Needles' Net Diversions-Total Uses.
- 6/Total Annual UMRF from septic tanks = 50; assumes 210 septic units*0.6 AF/yr*0.40 (where 0.40 = UMRF Factor). Annual volume is distributed monthly using a monthly distribution factor.

Consumptive Use												
Diversion	93.11	65.84	150.40	144.49	183.83	194.35	190.26	0.00	0.00	0.00	0.00	1,022.28
Measured Returns	40.42	36.93	41.53	39.21	42.54	41.17	44.02	0.00	0.00	0.00	0.00	285.82
Unmeasured Returns	6.46	14.40	25.28	37.66	25.09	22.60	21.63	0.00	0.00	0.00	0.00	153.13
Consumptive Use	46.23	14.51	83.59	67.62	116.20	130.58	124.61	0.00	0.00	0.00	0.00	583.33