

City of Santa Fe, New Mexico

Attachment C
Applicant Submittals and
Development Plan

6. Water Budget

EXHIBIT E

WATER BUDGET

Plaza Central Housing - Landscape Water Budget Years 1-3

Estimated Water Use for Landscape Improvements - 09/25/2024

LANDSCAPE IMPROVEMENTS	Gallons Per Minute - Bubbler Irrigation	Gallons per watering cycle bubblers (8 min run time)	Gallons Per Minute - Rotary Irrigation	Gallons per watering cycle rotary irrigation (30 min run time)	Total gallons per watering cycle bubblers and rotary irrigation
Total volume for all trees and shrubs	407	3,256	13	403	3,659

WATERING REQUIREMENTS

Monthly watering schedule	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Watering cycles per month	0	1	2	4	8	12	12	12	8	4	1	0
Gallons per watering cycle	3,659	3,659	3,659	3,659	3,659	3,659	3,659	3,659	3,659	3,659	3,659	3,659
Total gallons/month	0	3,659	7,318	14,637	29,274	43,910	43,910	43,910	29,274	14,637	3,659	0

TOTAL ESTIMATED ANNUAL IRRIGATION WATER CONSUMPTION:

1 acre foot of water = 325,851 gallons

234,189 gallons per year*
0.718699037 acre feet per year*

TOTAL ACRE FEET OF WATER PER YEAR:

0.718699 acre feet per year*

234,189 gallons per year*

* Run time and total water use are calculated for establishment period. After establishment, the anticipated water use may decrease be up to 50%.