

## APPENDIX F - IRRIGATION SYSTEM BACKGROUND AND PROJECTED MAINTENANCE WORKLOAD DATA

**BACKGROUND:** Many of the irrigation systems on Hill Air Force Base require frequent maintenance. The majority of systems are comprised of PVC and poly piping however there are some galvanized systems on the installation. Systems are equipped with standard irrigation heads such as rotating gear driven, pop-up impact and spray heads. The majority of irrigated shrub and xeriscape areas are equipped with drip irrigation systems. Most systems are controlled automatically through electrical and/or battery operated controllers. Battery operated timers require inspection and battery replacement throughout the growing seasons. There are areas that require manual watering due to inability to control through automatic means.

ITEM	DESCRIPTION	ESTIMATED QUANTITIES		ESTIMATED WORKLOAD (ACTIONS PER YEAR)	
		QTY	UNIT	GROWING SEASON	NON-GROWING SEASON
1	Winterization	1355	Zones	0	1
2	Spring Start-Up	1355	Zones	1	0
3	Manual Watering	9	Locations	72	0
4	Battery Operated	18	Each	2-4	0
5	Routine Head Repairs	250	Annually	250	0
6	Irrigation Pipe Repairs	50	Annually	50	0

**MANUAL WATERING LOCATIONS:** The following locations require manual watering:

FACILITY / AREAS		
Bldg 100 North/North East	Bldg 134	Bldg 150
Bldg 258 South	Bldg 350/351	Bldg 400
Bldg 557	Bldg 1621	Roy/South Gate Planters
RESERVED	RESERVED	RESERVED

**BATTERY OPERATED TIMER LOCATIONS:** The following locations have battery operated timers installed:

FACILITY / AREAS		
Bldg's 12 & 15 - East Side	Bldg 180 - Island	Bldg 230 - East Side
Bldg 430	Bldg 470 - CDC Island	Bldg 475 - Chapel Island
Bldg 513 - South Side	Bldg 593 - South Side	Bldg 883 - Youth Center
Bldg 1515 - East Side	Bldg 1102 - Northwest Side	Southgate - (2) Timers
Skate Park Area	RESERVED	RESERVED