



Preserving Options

LIVING WITHIN THE CORRAL



Professionals Dedicated To Arizona's Water



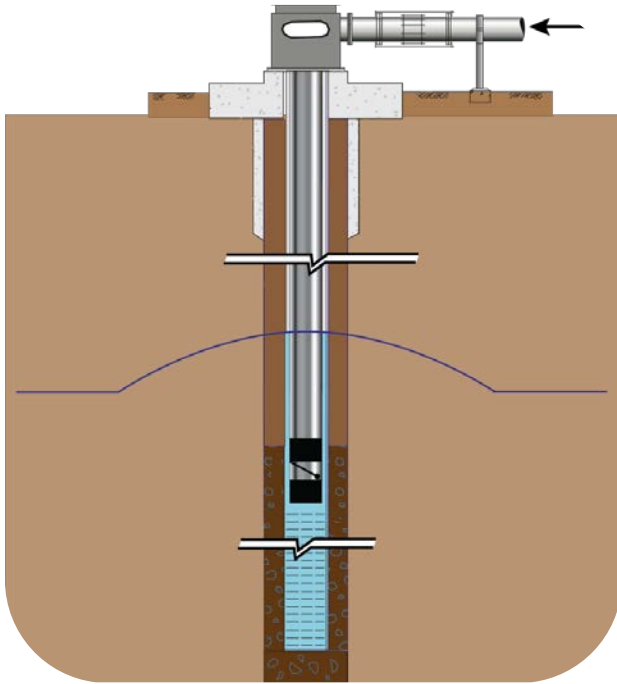
City of Sedona Wastewater Treatment Plant



100



27



6



EMS Scenarios

A range of EMS scenarios were evaluated, from scenarios focused on a single strategy, to a variety of "balanced" or combined strategy scenarios. Each scenario includes sufficient facilities to achieve an effluent management capacity of 2.0 mgd. Table ES.5 summarizes the results.

**Table ES.5 EMS Scenario Summary (2.0 mgd WWRP Capacity)
Effluent Management Optimization Plan
City Of Sedona**

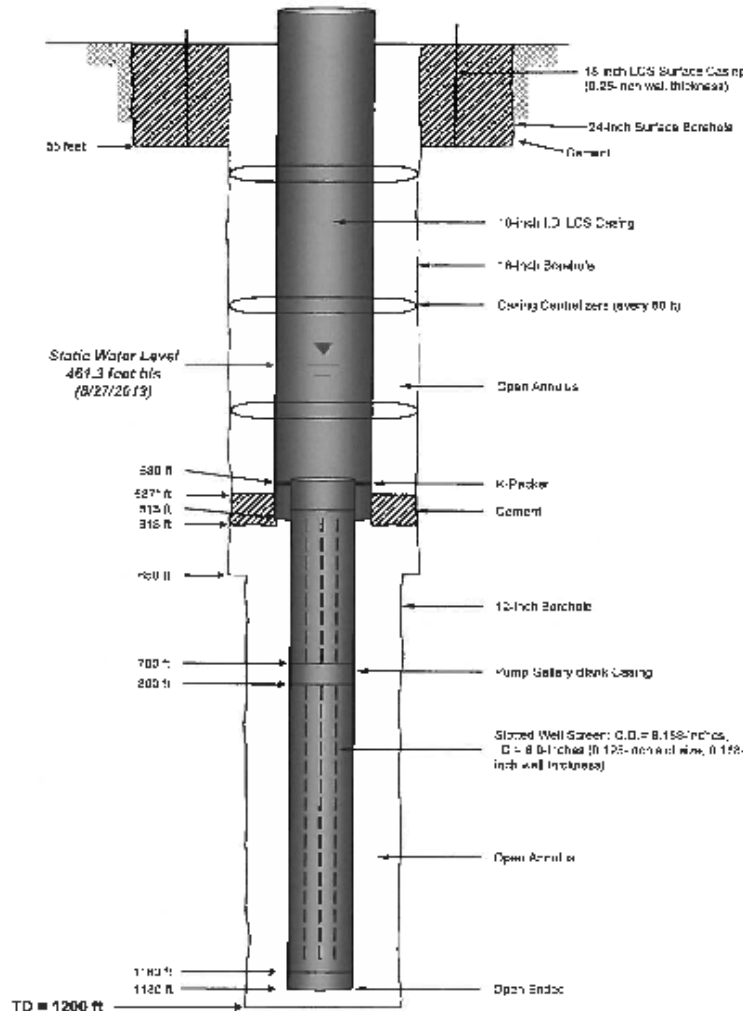
	Irrigation- Focused	Wetland- Focused	Injection Well- Focused	Balanced Scenario 1	Balanced Scenario 2	Balanced Scenario 3
Irrigation (acres)	304	0	0	40	192	100
Wetlands (acres)	27	721	27	66	27	27
Injection Wells (#) ^{1,2}	4	2	7	6	5	6
Freed-Up Land (acres)	0	-392 ³	300	220	108	200
Capital Cost (\$M) ⁴	5.5	39.3	8.6	9.3	5.7	7.2

Notes:

- 1) One redundant (standby) well included
- 2) 1 acre assumed for each injection well
- 3) Requires off-site land to be acquired
- 4) The City's 5-year CIP budget for effluent management is \$7.5M

Sedona Injection Test Well

ADWR No. 55-222289



Not To Scale

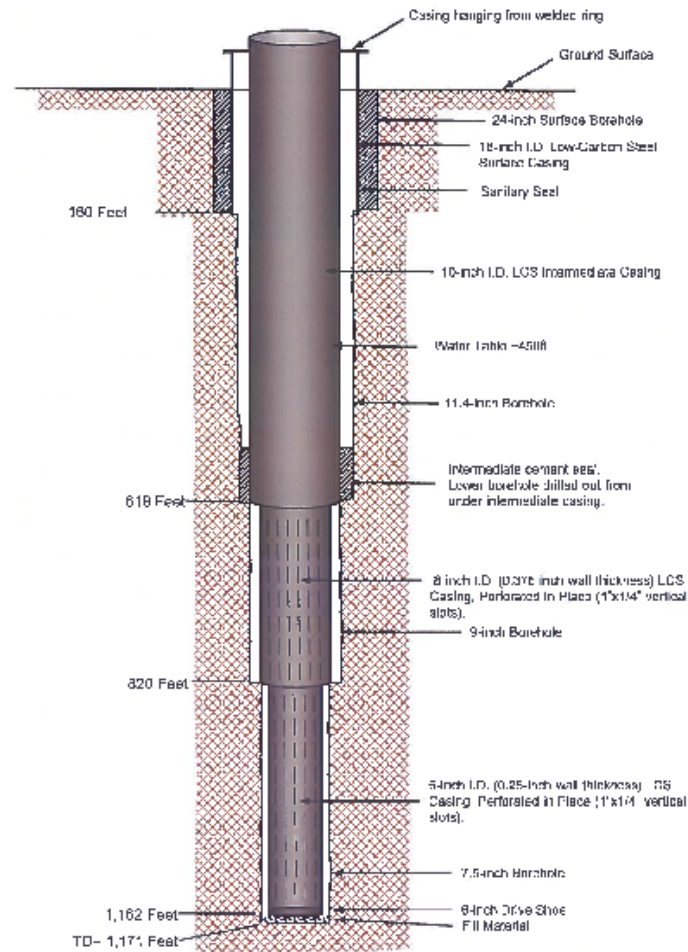
Legend: LCS = Low Carbon Steel
O.D. = Outside Diameter
I.D. = Inside Diameter
ft = Above Depth

**CLEAR
CREEK
ASSOCIATES**

Figure 8
Sedona Injection Test Well No.1
As-Built Diagram
ADWR No. 55-222289

November 2015
Job No. 370001

ADWR Number: 55-224670



Not To Scale

Notes: LCS = low carbon steel
I.D. = inside diameter



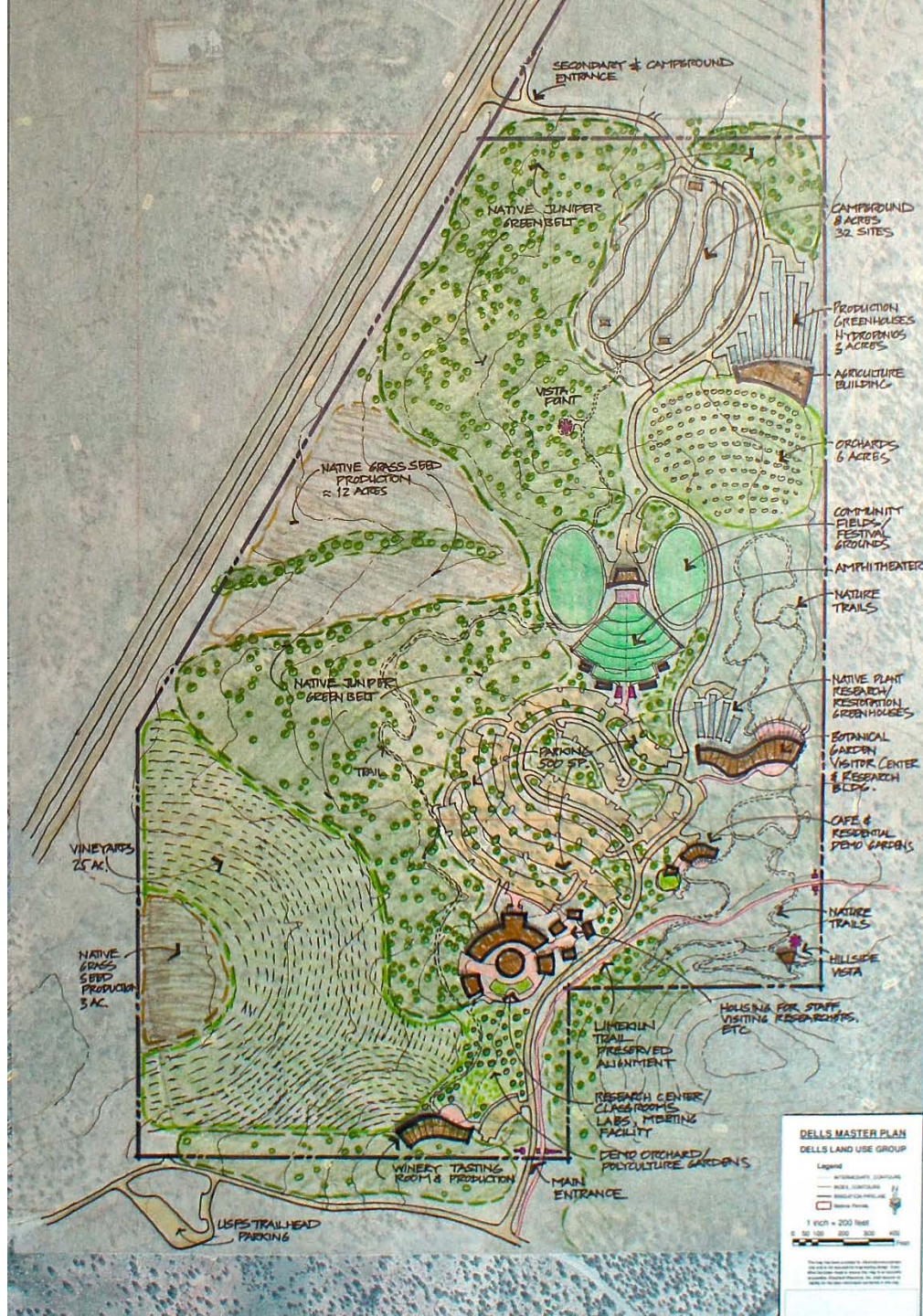
FIGURE 9
As-Built Diagram
Injection Well No. 2
Sedona Wastewater Treatment Plant
Sedona, Arizona

Dells Land Use Group

Site Statistics

Land Use	Area (Acres)
Native Greenbelt	80
Native Grass Seed Prod.	15
Vineyards	25
Winery & Demo Orchard/Perm	5
Research/Edu. Center	4
Staff Housing	1
Parking	15
Roadway	5
Amphitheater/Festival Grounds	10
Orchards	7
Ag Bldgs./Greenhouses	3
Bot. Gardens/ Interp. Trails	20
Campground	10
Total	200

Overall Concept Site Plan



QUESTIONS