

RECEIVED

SEP 5 - 2000

D.E.P. - South District

**FINAL COMPLETION REPORT FOR  
THE DEEP WELL INJECTION SYSTEM,  
IWA RO CONCENTRATE  
AND  
CITY OF SANIBEL  
WASTEWATER EFFLUENT  
APPENDICES**

Prepared for:

Island Water Association, Inc.  
3651 Sanibel-Captiva Road  
Sanibel, Florida 33957

Prepared by:

Missimer International, Inc.  
8140 College Parkway, Suite 202  
Fort Myers, Florida 33919

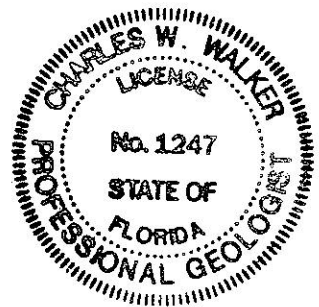
July 2000

Project Number  
FH8-703



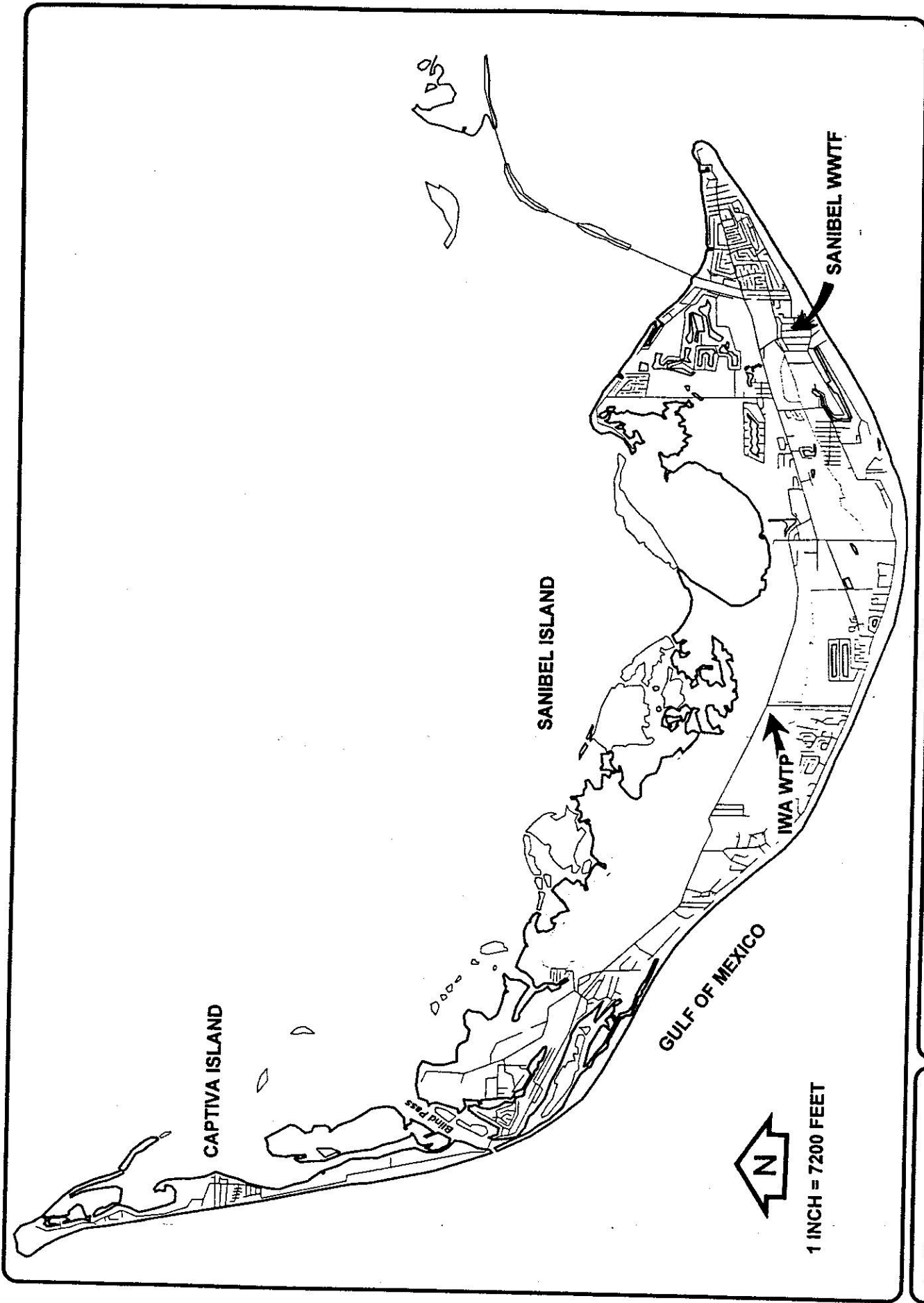
*Gordon P. Kennedy*

Gordon Kennedy, P.G.  
Senior Hydrogeologist  
Professional Geologist No. 1346



*Charles W. Walker*

Charles W. Walker, Ph.D., P.G.  
Senior Hydrogeologist  
Professional Geologist No. 1247

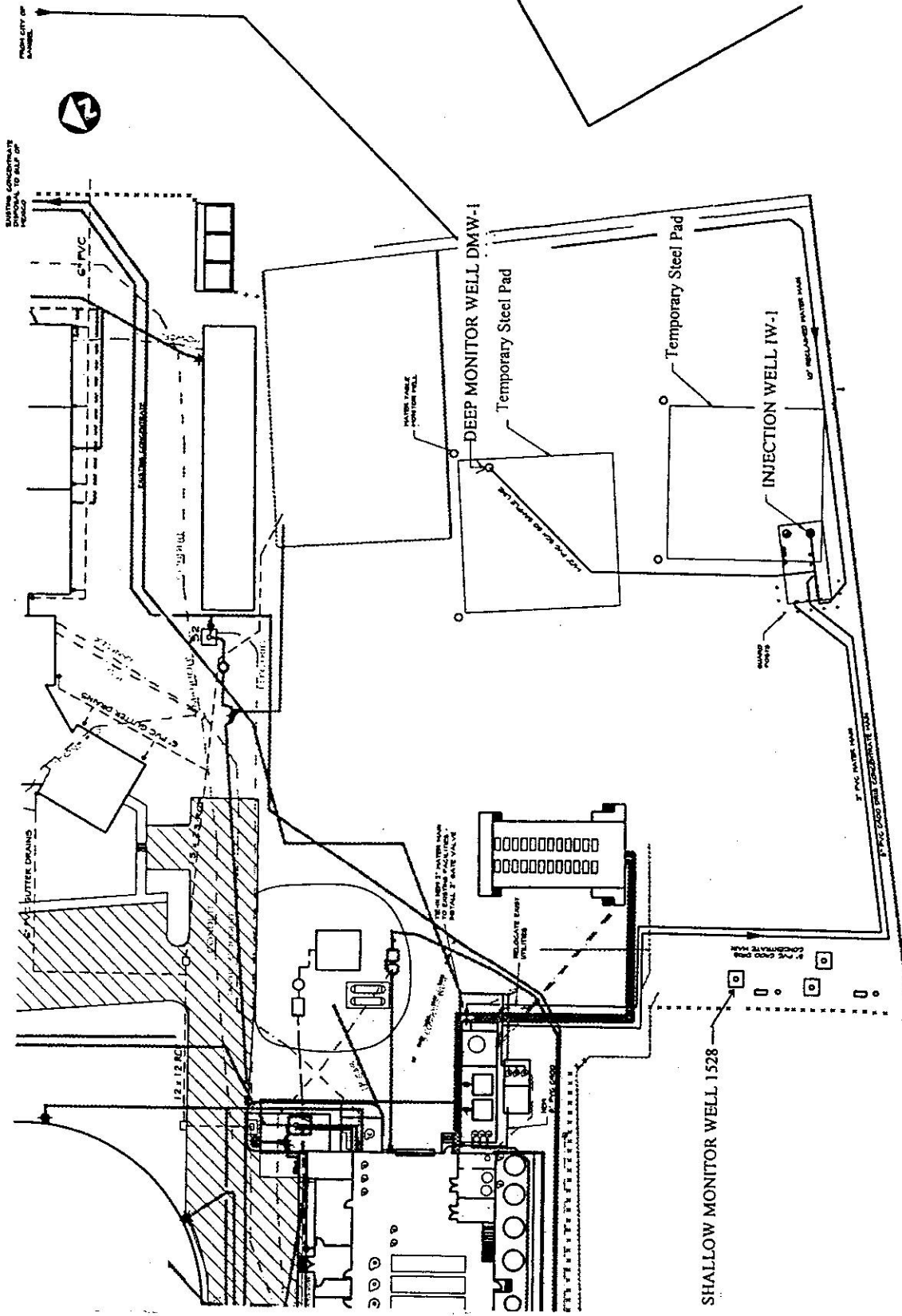


Pr. Name: IWA-INJECTION WELL      Dwn. By: CWW

Pr. No. FH8-703      DWG No.      Date: 10/8/98      Rev. No.

Groundwater  
and  
Environmental Services

FIGURE 2. MAP OF SANIBEL ISLAND, IWA WTP, AND CITY OF SANIBEL WWTF.



PARTIAL SITE PLAN - INJECTION WELL

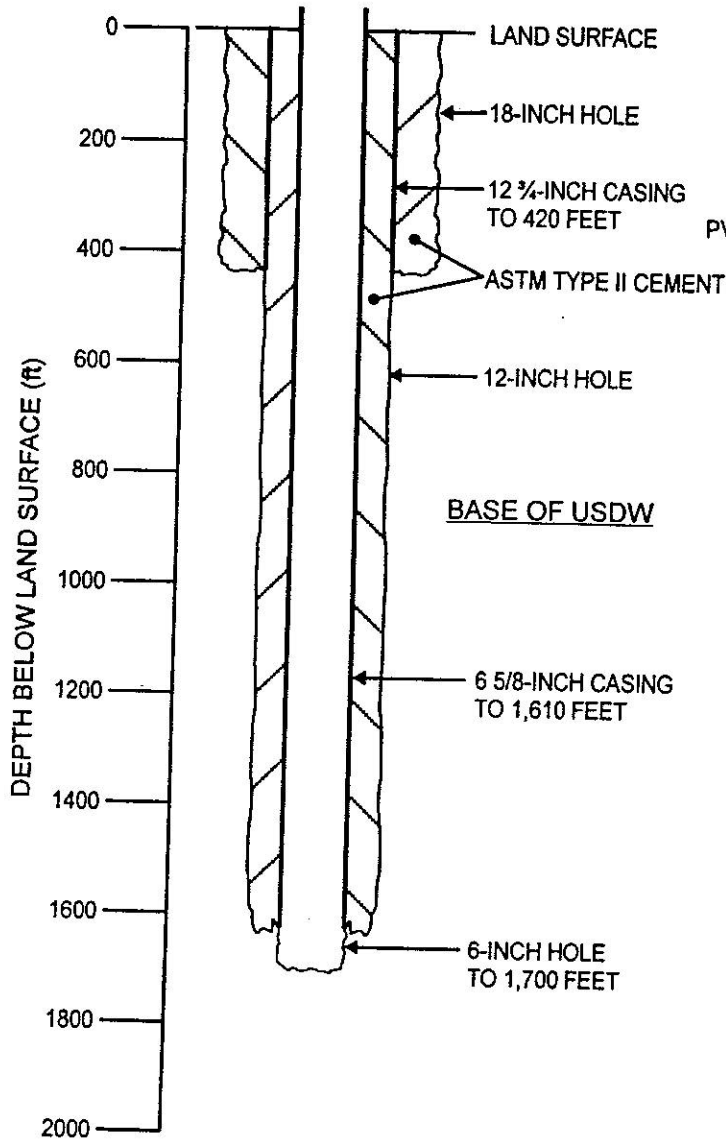


Pr. Name: IWA Injection Well  
 Pr. No. FH8-703  
 Date: 2-9-00  
 Rev. No. 1

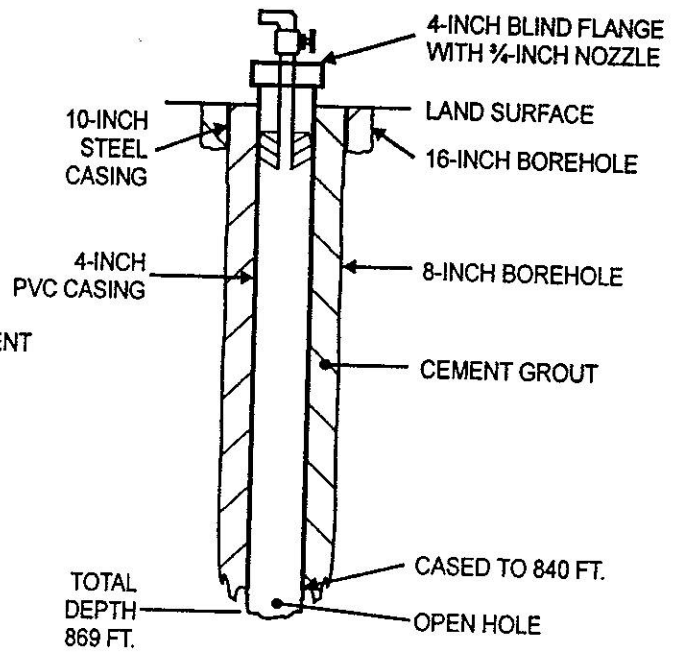
GROUND WATER  
 AND  
 ENVIRONMENTAL SERVICES

FIGURE 3. IWA PARTIAL SITE PLAN.

**NEW DEEP ZONE  
MONITOR WELL  
(DMW-1)**



**EXISTING MONITOR  
WELL 1528**



NOT TO SCALE



Pr. Name: IWA/Sanibel MW-1

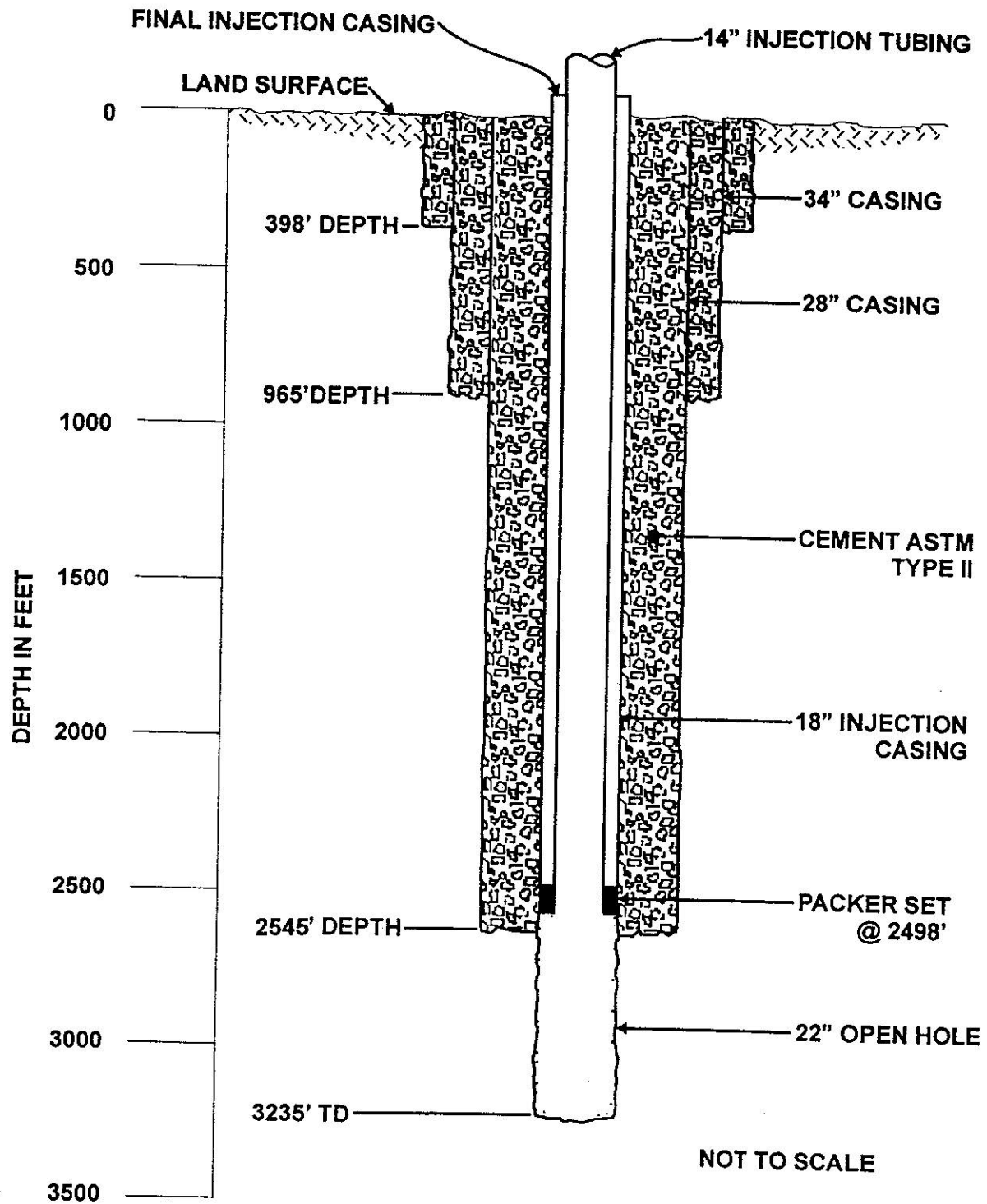
Pr. No. 13334-26964 Date: 2-1-00

DWG No. Rev. No.

GROUNDWATER  
AND  
ENVIRONMENTAL SERVICES

FIGURE 12 Deep (DMW-1) and Shallow (1528) Monitor Wells As Built Construction Details  
COPIED from FDEP file

# IWA/SANIBEL INJECTION WELL NO.1



Pr. Name: IWA/SANIBEL IW-1

Pr. No. 13334-26964

Date: 2-1-00

DWG No.

Rev. No.

GROUNDWATER  
AND  
ENVIRONMENTAL SERVICES

**TABLE 2  
CASING SUMMARY  
IWA INJECTION WELL NO. 1**

<b>Casing Diameter (inches)</b>	<b>Wall Thickness (inches)</b>	<b>Casing Material</b>	<b>Seating Date</b>	<b>Setting Depth (feet bpl)</b>
42	0.375	ASTM-A-139 Grade C Spiral Weld Steel	6/10/99	37
34	0.375	ASTM A-139 Grade C Spiral Weld Steel	7/28/99	398
28	0.375	API 5L Grade B Spiral Weld Steel	8/12/99	965
18	0.500	API (ASTM A-53) Grade B Seamless Steel	11/08/99	2,545
14	0.500	API 5L Grade B Seamless Steel	11/16/99	2,498

**IWA DEEP MONITOR WELL NO. 1**

<b>Casing Diameter (inches)</b>	<b>Wall Thickness (inches)</b>	<b>Casing Material</b>	<b>Seating Date</b>	<b>Setting Depth (feet bpl)</b>
20	0.375	API 5L (ASTM A-53) Grade B Spiral Weld Steel	6/09/99	39
12 3/4	0.375	API 5L Grade B Spiral Weld Steel	12/08/99	420
6 5/8	0.500	API 5L Grade B Seamless Steel	12/20/99	1,610

FH8-703TA2.wpd

**COPIED from FDEP file**