

AQUIFER TEST DATA

Owner Barron Collier Address _____ County Hendry State FL
Date 5/18/87 Company performing test SFWMD Measured by K & K
Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment In Situ

[illegible]

AQUIFER TEST DATA

Owner BCollier Address _____ County Hendry State _____
 Date 5/18 - 5/ Company performing test SFWMD Measured by K&K
 Well No. 1D Distance from pumping well _____ Type of test Constant Rate Test No. 1

Measuring equipment In Situ

Time Data					Water Level Data					In Situ DTW			Comments on factors affecting test data
Pump on: Date	Time	(h)	Pump off: Date	Time	(h)	Static water level	Measuring point	Elevation of measuring point					
5/18	1723						<u>TOC</u>						
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Water level measurement	Correction or Conversion	Water level	Water level change s or s'				
5/18	1135	0			4 -	1.19		2.81			-		
	1434	0			4 -	1.88		2.75	+ .79		-		
	1713	0			4 -	1.92		2.08			-		.05" rain recorded
	1930				5 -	1.28		3.72			3.70		
	2130				5 -	1.25		3.75			3.72		
	2330				5 -	1.26		3.74			3.72		
5/19	0130				5 -	1.26		3.74			3.72		
	0330				5 -	1.24		3.76			3.73		
	0530				5 -	1.24		3.76			3.73		
	0730				5 -	1.23		3.77			3.75		
	0930				5 -	1.24		3.76			3.75		
	1130				5.0	1.22		3.78			3.76		
	1330				5 -	1.22		3.78			3.76		
	1530				5 -	1.11		3.89			3.84		
	1730				5 -	1.08		3.92			3.88		
	1930				5 -	1.06		3.94			3.90		.03" rain
	2130				5 -	1.08		3.92			3.88		.09" rain
	2330				5 -	1.09		3.91			3.87		
5/20	0130				5 -	1.09		3.91			3.86		
	0400				5 -	1.09		3.91			3.86		
	0530				5 -	1.10		3.90			3.87		
	0730				5 -	1.09		3.91			3.88		
	0930				5 -	1.11		3.89			3.87		
	1130				5 -	1.09		3.91			3.88		
	1530				5 -	1.04		3.96			3.93		
	1730				5 -	1.01		3.99			3.93		
	1930				5 -	1.01		3.99			3.96		
	2130				5 -	.99		4.01			3.96		

AQUIFER TEST DATA

Owner _____ Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. 1D Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data

Pump on: Date _____ Time _____ (t₀)Pump off: Date _____ Time _____ (t₁)

Duration of aquifer test:

Pumping _____ Recovery _____

Water Level Data

Static water level _____

Measuring point _____

Elevation of measuring point _____

Comments on factors
affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'			Water level measurement	Correction or Conversion	Water level	Water level change s or s'	DAS	
5/20	2330					Held	5- .99	4.01	4.01		3.97	
5/21	0130						5- .91		4.01		3.97	
	0330						5- .98		4.02		3.97	
	0530						5- .98		4.02		3.98	
	0730						5- .97		4.03		4.00	
	0930						5- .96		4.04		4.01	
	1130						5- .94		4.06		3.99	
	1330						5- .94		4.06		4.02	
	1530						5- .94		4.06		4.05	
	1710						5- .90		4.10		4.06	
												Recovery
	1930						5- 2.54		2.46		2.43	
	2130						4- 1.60		2.40			
	2330						5- 2.60		2.40		2.38	
5/22	0700						5- 2.59		2.41		2.36	

AQUIFER TEST DATA

Owner _____ Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. 1S Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data				Water Level Data			Comments on factors affecting test data
Pump on: Date <u>5/18</u>	Time <u>1723</u> (t_0)	Static water level _____					
Pump off: Date _____	Time _____ (t_1)	Measuring point _____					
Duration of aquifer test: _____		Elevation of measuring point _____					
Pumping _____	Recovery _____						

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'		Held	Water level measurement	Correction or Conversion	Water level	Water level change s or s'	In Situ DTW	
5/18	1140	0				3-	.76		2.24	-	-	
	1434	0				4-	1.24		2.76	+52	-	
	1713	0				3-	.31		2.69		-	.05" rain
	1930					5-	2.31		2.69		2.68	
	2130					5-	2.30		2.70		2.68	
	2330					5-	2.32		2.68		2.68	
5/19	0130					5-	2.33		2.67		2.68	
	0330					5-	2.32		2.68		2.69	
	0530					5-	2.31		2.69		2.70	
	0730					5-	2.32		2.68		2.71	
	0930					5-	1.24	2.31	2.69		2.72	
	1130					5.0	2.29		2.71		2.72	
	1330					5-	2.27		2.73		2.73	
	1530					5	2.25		2.75		2.75	
	1730					5	2.23		2.77		2.77	
	1930					5	2.21		2.79		2.79	.03" rain
	2130					5-	2.26		2.74		2.76	.09" rain
	2330					5-	2.29		2.71		2.73	
5/20	0130					5-	2.30		2.70		2.71	
	0400					5-	2.30		2.70		2.70	
	0530					5-	2.30		2.70		2.70	
	0730					5-	2.30		2.70		2.71	
	0930					5-	2.30		2.70		2.71	
	1130					5-	2.28		2.72		2.72	
	1530					5-	2.24		2.76		2.76	
	1730					5-	2.21		2.79		2.79	
	1930					5-	2.19		2.81		2.81	
	2130					5-	2.15		2.85		2.82	

AQUIFER TEST DATA

Owner _____ Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. 15 Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data					Water Level Data					Comments on factors affecting test data	
Pump on: Date _____ Time _____ (t ₀)		Static water level _____									
Pump off: Date _____ Time _____ (t ₀)		Measuring point _____									
Duration of aquifer test: Pumping _____ Recovery _____					Elevation of measuring point _____						
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'		Held	Water level measurement	Correction or Conversion	Water level s or s'	Water level change s or s'	In Situ
5/20	2330					5-	2.15		2.85		2.83
5/21	0130					5-	2.16		2.84		2.83
	0330					5-	2.16		2.84		2.82
	0530					5-	2.16		2.84		2.82
	0730					5-	2.15		2.85		2.83
	0930					5-	2.15		2.85		2.83
	1130					5-	2.15		2.85		2.82
	1330					5-	2.12		2.88		2.87
	1530					5-	2.09		2.91		2.89
	1710					5-	2.08		2.92		2.88
~~~~~ Recovery ~~~~											
	1930					5-	2.06		2.94		2.91
	2130					4-	1.05		2.95		
	2330					5-	2.05		2.95		2.93
5/22	0700					5-	2.04		2.96		2.91

## AQUIFER TEST DATA

Owner _____ Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. **2D** Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data		Water Level Data		Comments on factors affecting test data
Pump on: Date <b>5/18</b> Time <b>1723</b> (t ₀ )	Static water level _____			
Pump off: Date _____ Time _____ (t ₁ )	Measuring point _____			
Duration of aquifer test: _____	Elevation of measuring point _____			

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Water level measurement	Correction or Conversion	Water level	Water level change s or s'	In Situ DTW	
5/18	1145	0			5-	.28		3.70		-	
	1434	0			5-	.40		4.6	+1.2	-	
	1713	0			5-	.45		4.55		-	.05" rain
	1930				7-	1.13		5.87		5.87	
	2130				8-	2.11		5.89		5.89	
	2330				7-	1.09		5.91		5.90	
5/19	230130				7-	1.10		5.90		5.89	
	0330				7-	1.08		5.92		5.89	
	0540				7-	1.09		5.91		5.88	
	0730				7-	1.08		5.92		5.89	
	0930				7-	1.08		5.92		5.90	
	1130				7.0	1.08		5.92		5.90	
	1330				7-	1.08		5.94		5.89	
	1530				7-	.88		6.03		5.97	
	1730				7-	.95		6.05		6.02	
	1930				7-	.93		6.07		6.04	.03" rain
	2130				7-	.93		6.07		6.00	.04" rain
	2330				7-	.95		6.05		5.97	
5/20	0130				7-	.96		6.04		5.96	
	0400				7-	.97		6.03		5.95	
	0530				7-	.95		6.05		5.96	
	0730				7-	.95		6.05		5.97	
	0930				7-	.95		6.05		5.98	
	1130				7-	.95		6.05		5.97	
	1530				7-	.90		6.10		6.00	
	1730				7-	.88		6.12		6.04	
	1930				7-	.85		6.15		6.07	
	2130				7-	.83		6.17		6.07	

## AQUIFER TEST DATA

Owner _____ Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. 21 Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

<b>Time Data</b> Pump on: Date _____ Time _____ ( $t_o$ ) Pump off: Date _____ Time _____ ( $t_o'$ ) Duration of aquifer test: Pumping _____ Recovery _____	<b>Water Level Data</b> Static water level _____ Measuring point _____ Elevation of measuring point _____	Comments on factors affecting test data
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Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Water level measurement	Correction or Conversion	Water level	Water level change s or s'	In Situ
5/20	2330				7-	.84		6.16		6.08
5/21	0130				7-	.84		6.16		6.07
	0330				7-	.84		6.16		6.07
	0530				7-	.83		6.17		6.08
	0730				7-	.83		6.17		6.09
	0930				7-	.81		6.19		6.11
	1130				7-	.83		6.17		6.02 — (was 6.15 approx. 5 min before)
	1330				7-	.79		6.21		6.17
	1530				7-	.77		6.23		6.14
	1710				7-	.76		6.24		6.07 — windy, fluctuating levels
										recovery ↓
	1930				7-	2.08		4.92		4.84
	2130				6-	1.12		4.88		
	2330				7-	2.15		4.85		4.78
5/22	0700				7-	2.16		4.84		4.77

## AQUIFER TEST DATA

Owner _____ Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. 2S Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data		Water Level Data		Comments on factors affecting test data
Pump on: Date <u>5/18</u> Time <u>1723</u> (t _o )	Static water level _____			
Pump off: Date _____ Time _____ (t _f )	Measuring point _____			
Duration of aquifer test: _____	Elevation of measuring point _____			
Pumping _____	Recovery _____			

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Water level measurement	Correction or Conversion	Water level	Water level change s or s'	In Situ DTW	
5/18	1445	0			5-	1.30		4.72		-	
	1434	0			5-	1.38		3.62	+9	-	
	1713	0			5-	1.43		3.57		-	.05" rain
	1930				5-	1.44		3.56		3.55	
	2130				5-	1.45		3.55		3.54	
	2330				5-	1.44		3.56		3.54	
5/19	0130				5-	1.46		3.54		3.54	
"	0330				5-	1.47		3.53		3.54	
"	0530				5-	1.45		3.55		3.59	
"	0730				5-	1.46		3.54		3.54	
"	0930				5-	1.46		3.54		3.55	
"	1130				5.0	1.44		3.56		3.55	
"	1330				5-	1.43		3.57		3.55	
"	1530				5-	1.41		3.59		3.57	
	1730				5-	1.40		3.60		3.60	
	1930				5-	1.40		3.60		3.60	.03" rain
	2130				5-	1.41		3.59		3.56	.09" rain
	2330				5-	1.45		3.55		3.54	
5/20	0130				5-	1.47		3.53		3.53	
	0400				5-	1.48		3.52		3.52	
	0530				5-	1.46		3.54		3.52	
	0730				5-	1.47		3.53		3.53	
	0930				5-	1.48		3.52		3.54	
	1130				5-	1.48		3.52		3.52	
	1330				5-	1.43		3.57		3.56	
	1730				5-	1.40		3.60		3.58	
	1930				5-	1.38		3.62		3.61	
	2130				5-	1.38		3.62		3.62	



Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Hdd	Water level measurement	Correction or Conversion	Water level	Water level change s or s'	In Situ
5/20	2330					5-	1.38	3.62		3.63
5/21	0130					5-	1.37	3.63		3.63
	0330					5-	1.39	3.61		3.63
	0530					5-	1.37	3.63		3.63
	0730					5-	1.36	3.64		3.64
	0930					5-	1.37	3.63		3.64
	1130					5-	1.32	3.68		3.58
	1330					5-	1.34	3.66		3.63
	1530					5-	1.31	3.69		3.70
	1710					5-	1.29	3.71		3.61 - windy, fluctuating levels
										recovery ↓
	1930					5-	1.27	3.73		3.72
	2130					4-	.26	3.74		
	2330					5-	1.25	3.75		3.73
5/22	0700					5-	1.29	3.71		3.74

## AQUIFER TEST DATA

Owner B Collier Address _____ County _____ State _____Date 5/18 Company performing test SFWMD Measured by K&KWell No. _____ Distance from pumping well _____ Type of test Constant Rate Test No. 1Measuring equipment #1 Manometer & weir / staff gauge

Time Data					Water Level Data					Comments on factors affecting test data				
Pump on: Date <u>5/18</u> Time <u>1723</u> ( $t_0$ )					Static water level _____									
Pump off: Date _____ Time _____ ( $t_1$ )					Measuring point _____									
Duration of aquifer test: _____					Elevation of measuring point _____									
Pumping _____ Recovery _____														
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'				Water level measurement	Correction or conversion	Water level	Water level change s or s'			
5/18	1930							<del>38.2</del>	38 1/2		38.5		Manom	
								38.0			.96		Staff gauge	
	2130							38	34	32	38			
								<del>122</del>			1.07			
	2330							<del>38</del>	38		38			
								<del>122</del>			1.13			
5/19	0130							<del>122</del>			38			
									38		1.15			
"	0330										38			
											1.17			
"	0530										38			
											1.17			
"	0730										38		dig trench to relieve drainage problem	
											1.16			
"	0930										38			
											1.16			
"	1130										38			
											1.16			
"	1330										38			
											1.16		1520 adjust pump rpm up	
	1530										41.5			
											1.16			
	1730										41.5			
											1.17			
	1930										41.5		rain sprinkles for last 2 hours	
											1.17		.03" accum.	
	2130										41.5		continued light rain, additional	
											1.18		.09" since 1930	

## AQUIFER TEST DATA

Owner _____ Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment Manometer / Staff pg 2

Time Data					Water Level Data								Comments on factors affecting test data
Pump on: Date _____ Time _____ (t ₀ )	Pump off: Date _____ Time _____ (t ₀ )	Duration of aquifer test: _____	Pumping _____	Recovery _____	Static water level _____	Measuring point _____	Elevation of measuring point _____						
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'			Water level measurement	Correction or Conversion	Water level	Water level change s or s'			
5/19	2330						41.5						
									1.18				
5/20	0130						41.0						
									1.18				
	0330						41.5						
									1.18				
	0530						41.5						
									1.18				
	0730						41.5						
									1.18				
	0930						41.0						
									1.18				
	1130						41.0						
									1.18				
	1530						39 3/4						
									1.18				
	1730						40 1/2						
									1.18				
	1930						40						
									1.18				
	2130						40						
									1.18				
	2330						40.5						
									1.18				
5/21	0130						40.5						
									1.18				
	0330						40.5						
									1.18				

Date _____ Company performing test _____ Measured by _____

Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

### Measuring equipment

Maurometa / staff pg 3

[illegible]

→ N  
PW

# Step Drawdown Form

H 78  
T1 76.6  
74.3

Permit number: _____ Application number: _____

Applicant's Name: _____

Project Name: B Collier

Project Location: Section: _____ Township: _____ Range: _____

Weather Conditions: Partly Cloudy

Test Operator: K's Test Date: 5/14/87

Pump Characteristics: Power: _____ HP; Discharge Diameter: 3 IN

Flow Meter Type: orifice 3"

Static water Level: _____ FT from the Top of Casing 5-95 4.5

200? → 100.3 100.5  
S2 T2

	Discharge Rate (GPM)	Time (MIN)	Depth from Top of Casing to water Surface (FT)	Drawdown* (FT)	Chloride Conc. (MG/L)	Conductivity (MICROMHOS/CM)
BCTam 1	—	0	1.7'			
Tam 2	—	0	4.6'			
PW	167 178	12	8-1.43 6.52	2.52		
T1	167	15	2.2	.5		
T2	167	17	4.8	.2		
PW	167	19	8-1.38 6.52	2.57		
PW	167 ↓	22	8-1.35 6.52	2.60		
PW	260	18	10.5-12.1 9.829	5.24		
T1	260	20	2.4	.7		
T2	260	22	5.0	.4		
PW	315	25	12-.9 11.1	6.6		
T1	315	27	2.5	.8		
T2	315	28	5.2	.6		

* Drawdown is the static water level minus pumping level.

NOTE: Attach copy of well log and completion report.