

**Cleath & Associates**  
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California 93405



March 23, 2007

John Scardino  
Woodlands Ventures, LLC  
31200 Via Colinas, Suite 200  
Westlake Village, California 91362

**SUBJECT: January 2007 Ground Water Elevation Monitoring Report for The Woodlands Development, Nipomo Mesa, San Luis Obispo County, California**

Dear Mr. Scardino:

This report documents the monitoring of water levels at fifteen wells in the vicinity of The Woodlands project and at the six wells on The Woodlands property. The monitoring program is being performed to enable compliance with Mitigation Measure 4.1-6d of the Woodlands Specific Plan Environmental Impact Report (1998):

“Prior to approval of discretionary development (e.g. prior to recordation of the final map, Development Plan approval), the applicant shall conduct a complete survey of wells that could be affected by cumulative water level interference. The applicant shall then implement means to allow for continued production of these wells under drought conditions to the satisfaction of the County Engineer.”

Cleath & Associates conducted a private domestic well survey between March and May 2000 and has been monitoring water levels in selected offsite wells and in The Woodlands wells on a monthly basis since March 1999. Well locations are shown on Figure 1. All of the onsite wells and offsite wells have been land surveyed by Wallace Group to establish map coordinates and monitoring reference point elevations.

#### **Onsite Wells**

Four of the onsite wells were constructed as production wells for the project, with the Highway 1 Monitoring well and the Flintcote well utilized as monitoring wells only. The Highway 1 Monitoring well was installed prior to the production wells to identify the aquifer zones beneath the site, evaluate water quality in these zones, and to determine general design parameters for the production wells. The Flintcote well was drilled in 1944, and the five Woodlands project wells were drilled in 1993 and 1994.

Currently, ground water production is occurring at all four production wells. According to Steve Sievert of Coastal Earthmovers, Inc., permanent pumps have been installed in each of the four production wells. Production has been monitored by flow meters at the Mesa, Dawn, and Homestead wells and by a flow meter at the P-1 pump station to monitor the Highway 1 well for golf course irrigation.

The Homestead well will continue to be the primary supply well at the site, and the Mesa well will serve as its backup well. The Highway 1 well is now configured for golf course irrigation. The Dawn well will not be pumped significantly. According to Mr. Sievert, effluent has not been used in the golf course irrigation system up to the time of the January 2006 monitoring. Production volumes for the year 2006 are included in Table 1 below.

**Table 1  
Woodlands 2006 Water Usage Summary**

Month	Well			
	Dawn	Homestead	Mesa	*Highway 1
January	0	0	7.7	0
February	0	0	8.2	0
March	0	0	9.5	2.1
April	0	0	10.7	6.0
May	0	0	28.4	24.5
June	0	0	33.3	51.9
July	0	0	38.2	53.3
August	2.9	16.6	24.4	59.0
September	2.9	36.0	0	47.0
October	0	37.0	0	43.3
November	0	25.2	0	15.4
December	0	26.6	0	2.9
<b>Total</b>	<b>6</b>	<b>140</b>	<b>160</b>	<b>**155</b>

Volumes in acre-feet

\*Production metered at P-1 pump station. Monthly totals represent pump station output including storm runoff.

\*\*2006 total reflects 150 acre feet reduction for runoff passing through P-1 pump station.

Ground water elevations for the onsite wells and monthly precipitation are shown on Figure 2. Water level data are attached. Seasonal water level fluctuations have ranged between approximately 25 feet and 45 feet in the six onsite wells during the eight-year monitoring period. Since 2002, the range of seasonal fluctuation has increased in each of the wells because of higher pumping rates during the dry seasons as compared to the wet seasons. The slightly declining average water levels indicated in the hydrograph from the year 1999 through 2005 is a result of changing climatic conditions in the area during that period. From 2004 to the fall of 2006 average water levels were stable because of higher than normal precipitation amounts during the winter of 2004 - 2005, and the late winter and spring precipitation in 2006. Because of low precipitation in late 2006, water levels are approximately 6.4 feet to 8.4 feet lower in three of the onsite wells in January 2007 as compared to water levels January 2006.

The slightly higher average water levels measured during 1999 and 2000 of the monitoring program reflect the higher than normal precipitation of the mid and late 1990s. Average to below average annual precipitation occurred from the year 2000 through the winter of 2003 - 2004. Historically, water levels generally drop from February through September of each year, after which they recover and rise.



## **Offsite Wells**

Wells 9K4, 15G1, 23E1, 10N, and 22H are currently used as domestic supply wells to single-family homes and are pumped on a regular basis. Wells 10K, 10Q, 14N, and 22G have been inactive since monitoring began. Wells 10R1 and 10R2 are used for domestic and irrigation supply, and have been pumped on a regular basis since the summer of 2003. Well 10F is unequipped. Wells 15B3, 15B4, and 10R3 are equipped, but inactive, and are located on properties currently being developed. Monitoring at well 23E1 has been discontinued because of problems with access to the well. The 15 offsite wells are listed in Table 2.

Ground water elevations for the offsite wells are shown on Figures 3, 4, and 5. Water levels in wells 10R2, 10F, 9K4, and 15B4 have shown the greatest amount of seasonal fluctuation of all the monitored off-site wells, fluctuating as much as 48 feet in well 15B4. Fluctuations in the other offsite wells penetrating the deeper aquifer or mixed aquifers ranged between 18 feet in well 14N and 33 feet in well 15G1. Water levels in wells penetrating the deeper aquifer or mixed aquifers were between 0.5 and 13 feet lower in January 2007, than in January 2006. Table 3 shows the aquifers penetrated by the offsite and onsite wells.

Hydrographs of wells 22G, 22H, 10K, 10Q, and 23E1 are relatively flat, compared to hydrographs of all the other wells which fluctuate in response to regional pumping. This data, and the relatively high water levels suggest that these wells have been completed within the unconfined dune sand aquifer, whereas other offsite and onsite wells were either completed within a deeper, confined aquifer, or completed within portions of both aquifers.

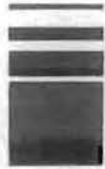
## **Ground Water Movement**

Estimated confined aquifer ground water flow directions and hydraulic gradients on The Woodlands property are shown in Figure 6. Ground water during January 2007 is inferred to flow to the northwest beneath most of the site at an estimated average hydraulic gradient of 0.0020 vertical feet of head loss per horizontal foot of distance. In the southern portion of the property, a pumping depression is evident as a result of pumping at the Homestead well.

Wells used for the confined aquifer hydraulic gradient calculations represent the same or similar hydraulic pressure zones. Five onsite wells were used to calculate the hydraulic gradient for the January 2007 monitoring event. The Highway 1 Monitoring well is completed within multiple pressure zones and therefore is not used in gradient calculations.

## **Conclusions and Recommendations**

Mitigation Measure 4.1-6d of the project EIR requires that the applicant shall implement means to allow for continued production of offsite wells that have been significantly affected by well interference from The



Woodlands project. Monthly water level monitoring allows early detection of wells most vulnerable to well interference during drought, and will allow for the mitigation of potentially significant water-level impacts before they occur.

There are 21 wells currently being monitored at the Woodlands project. There are six onsite wells and a total of 15 offsite wells in the program. Based on observed water levels, there are two principal groups of aquifer zones being tapped by the various wells: shallow aquifers (unconfined) and deep aquifers (confined). Table 3 shows the aquifers penetrated by each well in the Woodlands monitoring program. Water level monitoring results show no evidence of significant water-level impacts to offsite wells from ground water production in the four producing onsite wells. Observed water level fluctuations are related to seasonal changes in precipitation and regional well pumping.

Cleath & Associates recommends the following:

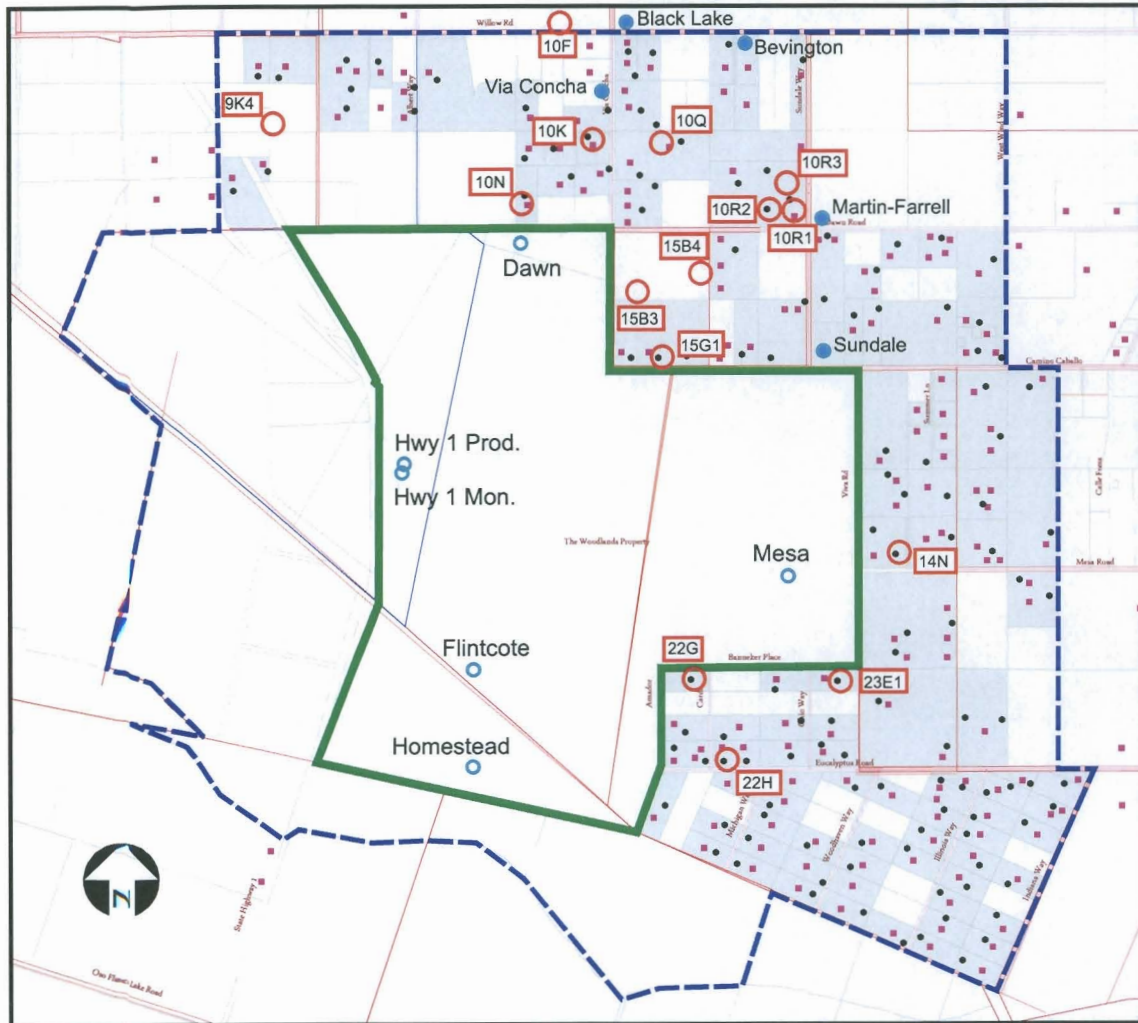
- Abandonment of the Highway 1 monitoring well. The well was installed prior to the production wells to identify the aquifer zones beneath the site, evaluate water quality in these zones, and to determine general design parameters for the production wells. Because the well is completed across multiple aquifer zones, water levels do not compare well with other wells on the site that are completed within the deep zones only. The well should be abandoned in accordance with Department of Water Resources Water Well Standards, Section 23, Requirements for Destroying Wells.
- Installation of a casing liner and filter pack in the Flintcote well to ensure the continued monitoring of the well in the event of failure of the old steel casing.
- Continue to monitor and record production data from well flow meters and pump station meters.

Water level data sheets including depths to ground water, ground water elevations, and changes in water levels for each well are included as an attachment. If you have any questions regarding this letter report, please call our office.

Sincerely,

David R. Williams  
Associate Geologist

attachments  
cc. Tom Whelan

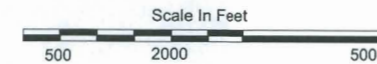


**EXPLANATION:**

- Impact Area Boundary
- Site Boundary
- Parcels with one or more domestic wells
- Houses
- Domestic Wells (Actual and Inferred)
- Offsite Monitoring Well Location
- Onsite Monitoring Well Location
- Nipomo Community Services District well

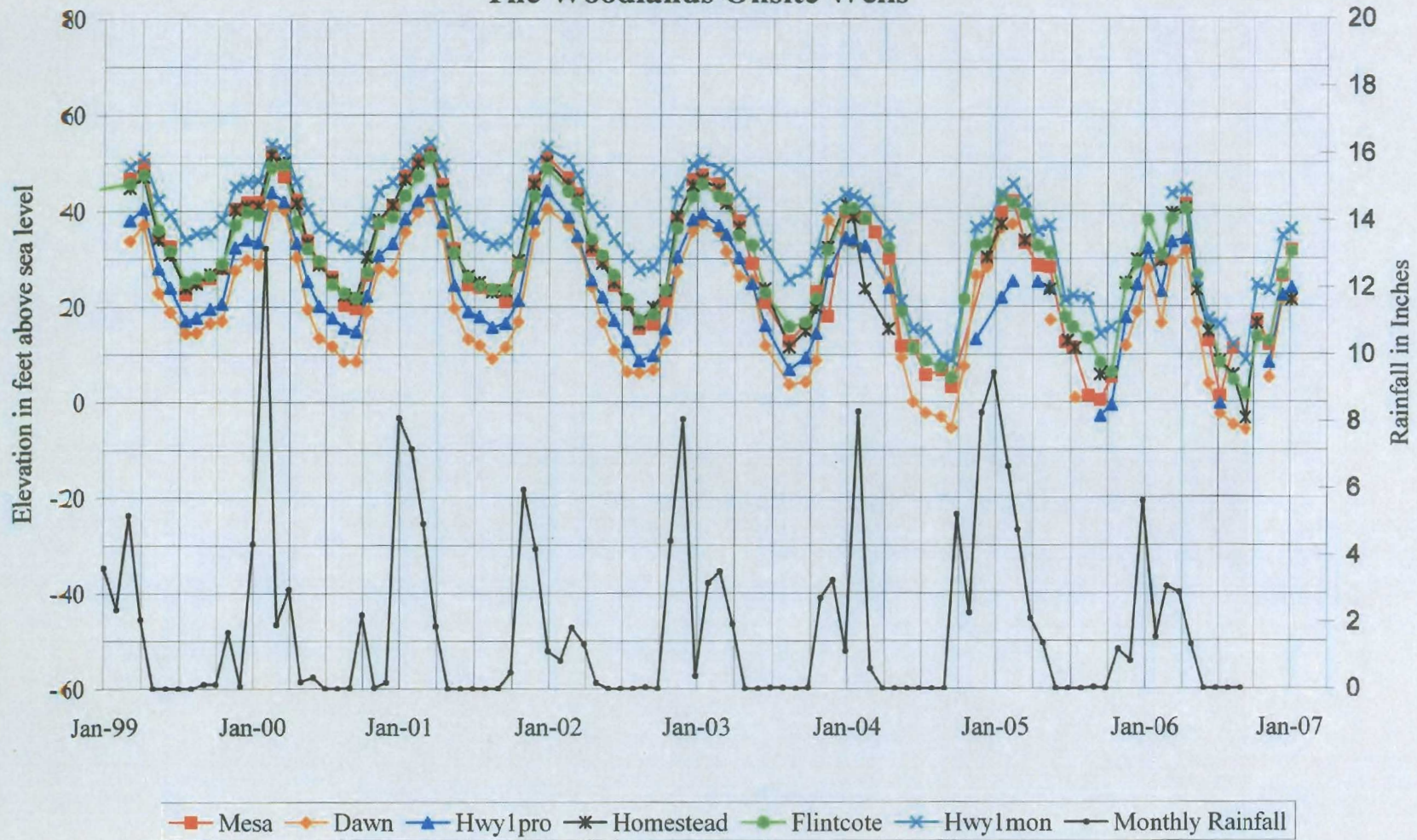
Count Within Impact Area (March - May 2000 survey):  
 Parcels = 115  
 Houses = 151  
 Domestic Wells = 132

Base Map: San Luis Obispo County  
 Building & Planning Dept.  
 Assessor's Parcel Maps



**Figure 1**  
**Onsite and Offsite Monitoring Well Location Map**  
**The Woodlands**  
 Cleath & Associates  
 January 2007

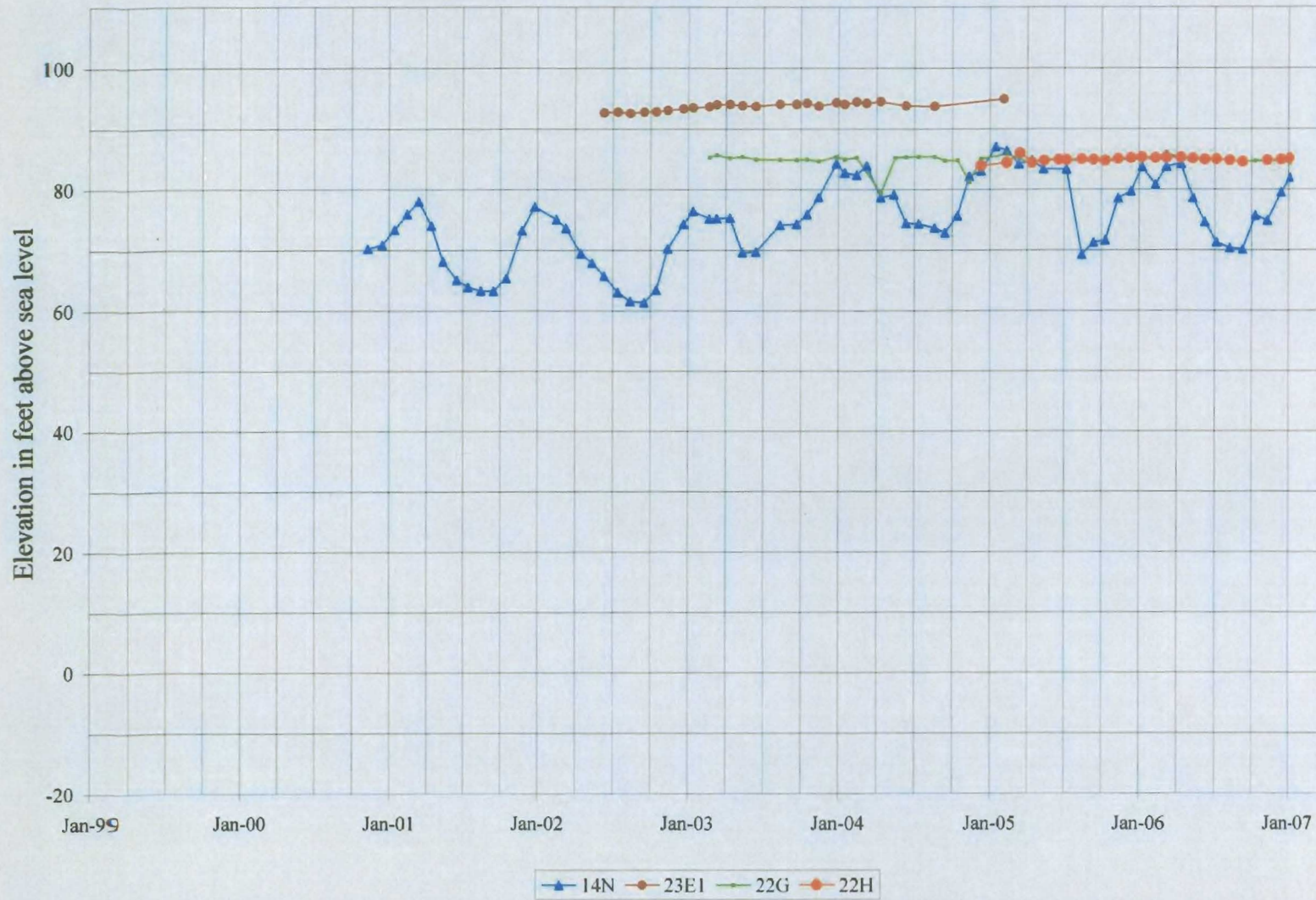
**Figure 2**  
**Water Levels: February 1999 - January 2007**  
**The Woodlands Onsite Wells**



**Table 2  
Woodlands Offsite Wells**

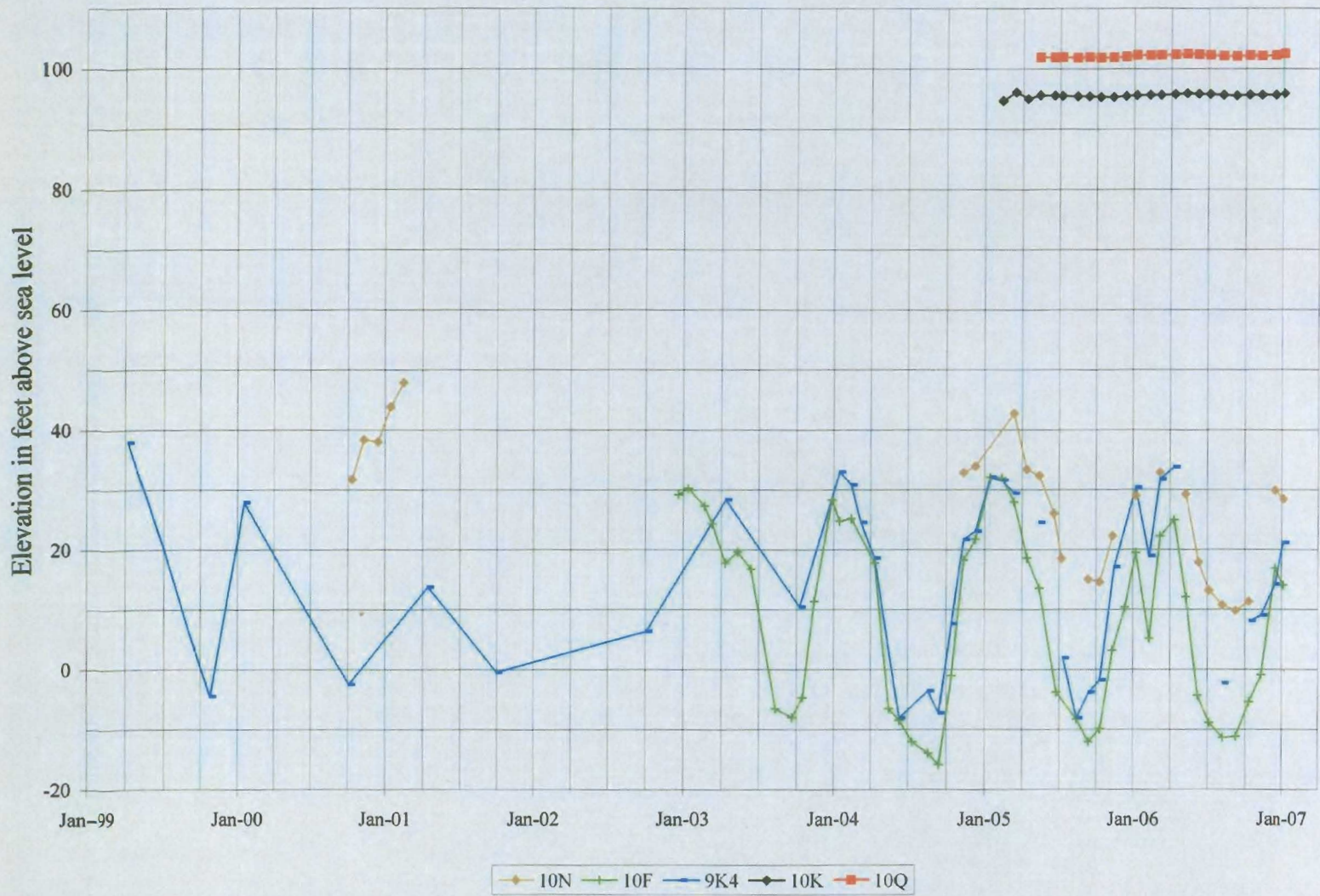
Well Number	Reference Point	Total depth (in feet)	Well Type	Well Status	Date Monitoring Began	Drillers	Year Drilled	Comments
11N/35W-14N	Top of sounding tube (271.2)	--	Irrigation	Equipped, inactive	Nov-00	Floyd V. Wells	1975	--
11N/35W-10F	Steel plate on top of casing (277.9)	600	School supply & Irrigation	Unequipped	Dec-02	Enloe Well Drilling	2002	Cascading water enters well at approximately 206 feet depth
11N/35W-10N	Top of casing (246.0)	360	Domestic	Active	Oct-00	Floyd V. Wells	1981	Discontinued Feb-01. Resumed monitoring in Nov-04
11N/35W-23E1	Top of casing (298.5)	460	Domestic	Active	Jun-03	Water Well Supply	1992	Discontinued Feb-05
11N/35W-22G	Top of casing (279.8)	--	Domestic	Equipped, inactive	Feb-03	--	--	--
11N/35W-15G1	Top of sounding tube (234.8)	380	Domestic	Active	Oct-00	Water Well Supply	1985	Pump set at 225 feet depth
11N/35W-10R1	Top of casing (275)	353	Irrigation	Active	Dec-05	--	--	--
11N/35W-10R2	Top of casing (269.1)	365	Domestic / Irrigation	Active	Nov-03	Longwell	1956	Pumping often
11N/35W-10R3	Top of casing (est. 276)	--	Domestic	Unequipped	Apr-06	--	--	--
11N/35W-9K4	Top of sounding port (County GPS=168.53)	--	Domestic	Active	Jan-2004 by Cleath & Associates	Floyd V. Wells	1960's	Monitored by County Public Works Dept. in October and April since 1973
11N/35W-10K	Top of casing (249.3)	210	Domestic	Unequipped	Feb-05	--	--	--
11N/35W-22H	Top of casing (270.1)	--	Domestic	Active	Dec-04	--	--	--
11N/35W-10Q	Top of casing (284.5)	257	Domestic	Inactive	May-05	--	--	--
11N/35W-15B3	Concrete slab (237.6)	500	Domestic	Inactive	Sep-05	Central Coast	2005	Unimproved lots
11N/35W-15B4	Concrete slab (244.8)	500	Domestic	Inactive	Sep-05	Central Coast	2005	Unimproved lots

**Figure 3**  
**Water Levels: February 1999 to January 2007**  
**The Woodlands Offsite - Southeast Wells**

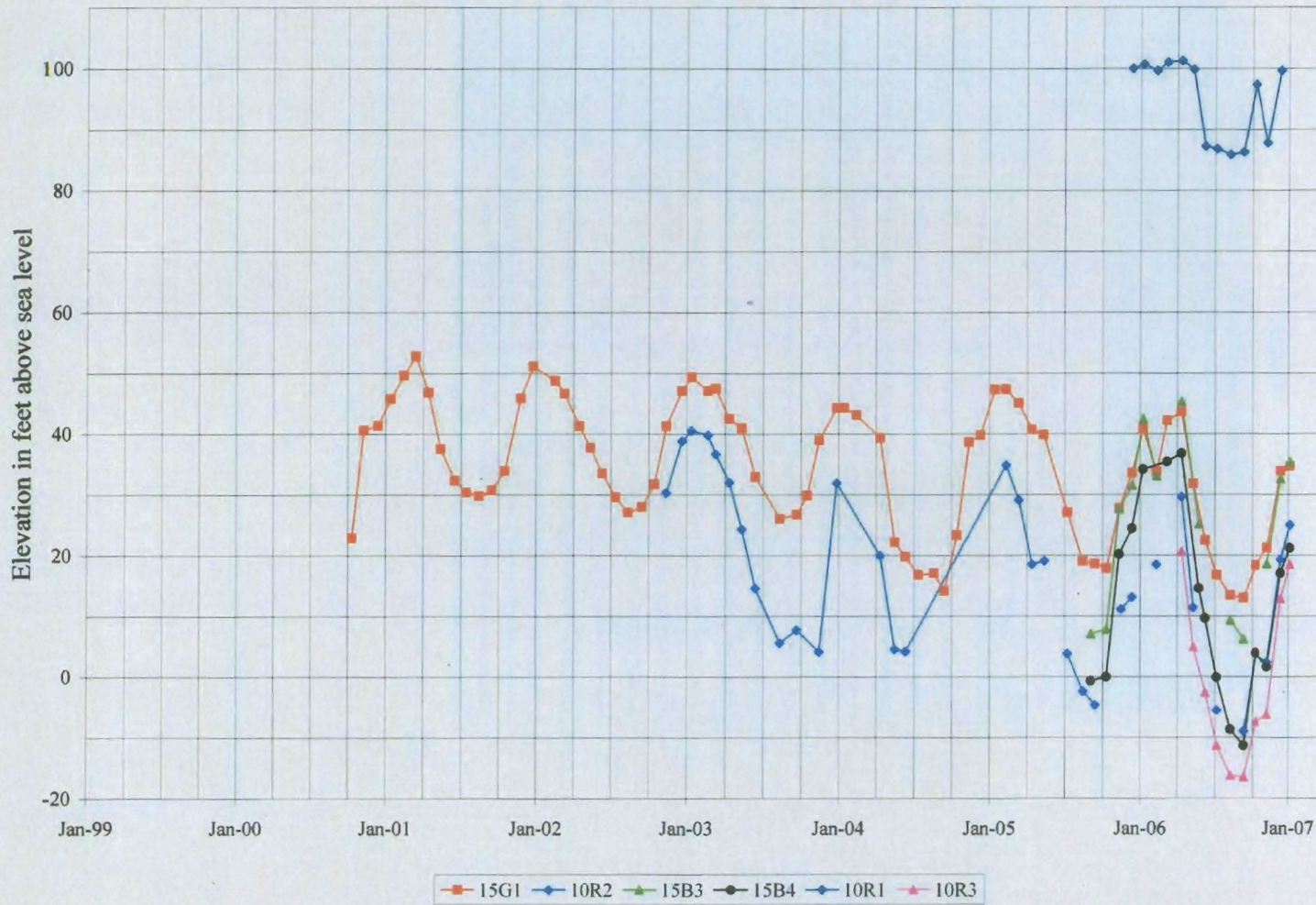




**Figure 4**  
**Water Levels: February 1999 to January 2007**  
**The Woodlands Offsite - Northern Wells**



**Figure 5**  
**Water Levels: February 1999 to January 2007**  
**The Woodlands Offsite - Northeast Wells**



**Table 3**

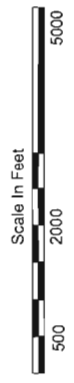
**Aquifers Penetrated by Woodlands Onsite and Offsite Wells**

Common Well Name	Aquifer		
	Deep Aquifer (confined)	Shallow Aquifer (water table)	Mixed Aquifers
Mesa	X		
Dawn	X		
Hwy. 1 Production	X		
Hwy. 1 Monitoring			X
Homestead	X		
Flintcote	X		
11N/35W-14N			X
11N/35W-10F	X		
11N/35W-10N			X
11N/35W-23E1		X	
11N/35W-22G		X	
11N/35W-15G1			X
11N/35W-10R1			X
11N/35W-10R2			X
11N/35W-10R3			X
11N/35W-9K4			X
11N/35W-10K		X	
11N/35W-22H		X	
11N/35W-10Q		X	
11N/35W-15B3	X		
11N/35W-15B4	X		

**EXPLANATION:**

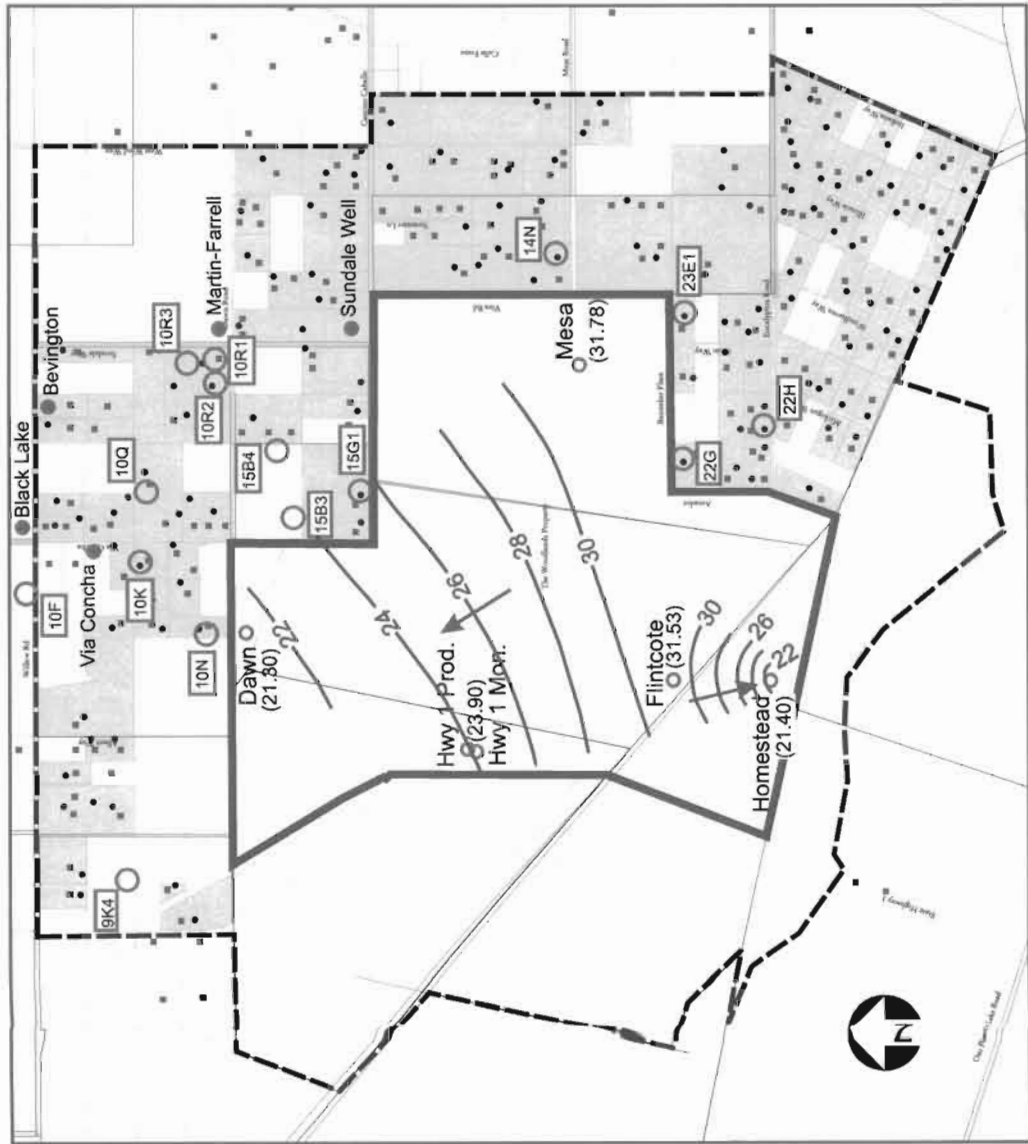
- Impact Area Boundary
- Site Boundary
- ▨ Parcels with one or more domestic wells
- Houses
- Domestic Wells (Inferred)
- Offsite Monitoring Well Location
- Onsite Monitoring Well Location, ground water elevation in feet above sea level
- Nipomo Community Services District Well
- Onsite Ground water elevation contour on January 11, 2006, for confined aquifer zones, elevation in feet above sea level
- Ground water flow direction

Base Map: San Luis Obispo County Building & Planning Dept. Assessor's Parcel Maps



**Figure 6**  
**Onsite Ground Water Elevation Contours on January 11, 2007 for Confined Aquifer Zones**

The Woodlands  
 Cleath & Associates  
 January 2007



**Water levels Mesa Road Well  
The Woodlands Onsite**

Reference Point:  
(through 10/16/05) 243.3 feet above sea level

Reference Point:  
(from 11/20/05) 246.7 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
3/2/99	196.51	46.79	
4/5/99	193.65	49.65	-2.86
5/12/99	208.17	35.13	14.52
6/9/99	210.72	32.58	2.55
7/16/99	220.75	22.55	10.03
8/12/99	218.09	25.21	-2.66
9/14/99	217.36	25.94	-0.73
10/14/99	215.25	28.05	-2.11
11/16/99	202.82	40.48	-12.43
12/15/99	201.51	41.79	-1.31
1/14/00	201.49	41.81	-0.02
2/15/00	190.94	52.36	-10.55
3/17/00	196.15	47.15	5.21
4/18/00	200.97	42.33	4.82
5/16/00	209.48	33.82	8.51
6/14/00	214.23	29.07	4.75
7/17/00	217.15	26.15	2.92
8/16/00	223.06	20.24	5.91
9/15/00	223.77	19.53	0.71
10/12/00	216.67	26.63	-7.10
11/10/00	205.96	37.34	-10.71
12/15/00	202.10	41.20	-3.86
1/15/01	195.96	47.34	-6.14
2/15/01	192.63	50.67	-3.33
3/16/01	191.13	52.17	-1.50
4/16/01	197.75	45.55	6.62
5/15/01	211.18	32.12	13.43
6/18/01	218.73	24.57	7.55
7/16/01	219.28	24.02	0.55
8/16/01	219.83	23.47	0.55
9/17/01	222.22	21.08	2.39
10/18/01	214.53	28.77	-7.69
11/26/01	197.09	46.21	-17.44
12/27/01	192.06	51.24	-5.03
2/18/02	196.38	46.92	4.32
3/13/02	199.74	43.56	3.36
4/18/02	211.57	31.73	11.83
5/15/02	213.26	30.04	1.69
6/13/02	218.88	24.42	5.62
7/16/02	222.75	20.55	3.87
8/15/02	227.89	15.41	9.01
9/18/02	227.00	16.30	-0.89
10/18/02	222.02	21.28	-4.98
11/15/02	205.19	38.11	-16.83
12/23/02	196.74	46.56	-8.45
1/15/03	195.75	47.55	-0.99
2/24/03	197.60	45.70	1.85

**Water levels Mesa Road Well  
The Woodlands Onsite**

Reference Point:  
(through 10/16/05) 243.3 feet above sea level

Reference Point:  
(from 11/20/05) 246.7 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
3/14/03	200.87	42.43	3.27
4/15/03	205.38	37.92	4.51
5/15/03	214.25	29.05	8.87
6/17/03	222.43	20.87	8.18
8/15/03	230.47	12.83	8.04
9/24/03	226.93	16.37	-3.54
10/20/03	220.2	23.10	-6.73
11/18/03	225.31	17.99	5.11
12/31/03	203.42	39.88	-21.89
1/19/04	203.62	39.68	0.20
2/17/04	204.84	38.46	1.22
3/12/04	207.72	35.58	2.88
4/15/04	213.21	30.09	5.49
5/17/04	231.58	11.72	18.37
6/15/04	231.61	11.69	0.03
7/16/04	237.63	5.67	6.02
8/26/04	236.65	6.65	-0.98
9/17/04	240.16	3.14	3.51
12/14/04	213.6	29.70	-26.56
1/19/05	203.67	39.63	-9.93
2/16/05	201.25	42.05	-2.42
3/17/05	210	33.30	8.75
4/18/05	214.70	28.60	4.70
5/17/05	215.07	28.23	0.37
6/24/05	230.79	12.51	15.72
7/13/05	231.84	11.46	1.05
8/19/05	242	1.30	10.16
9/18/05	242.89	0.41	0.89
10/16/05	238.04	5.26	-4.85
11/20/05	no access		
12/18/05	no access		
1/13/06	pumping		
2/15/06	216.96	29.74	-21.08
3/13/06	pumping		
4/17/06	205.3	41.40	-11.66
5/16/06	pumping		
6/14/06	233.9	12.80	28.60
7/12/06	245.42	1.28	11.52
8/14/06	235.43	11.27	-9.99
9/15/06	pumping		
10/16/06	229.58	17.12	-5.85
11/15/06	234.7	12.00	5.12
12/19/06	220.4	26.30	-14.30
1/11/07	214.92	31.78	5.48

**Water levels Dawn Well  
The Woodlands Onsite**

Reference Point:  
(through 2/15/05) 248.1 feet above sea level

Reference Point:  
(from 4/18/05) 233.8 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
3/2/99	214.33	33.77	
4/5/99	210.96	37.14	-3.37
5/12/99	225.20	22.90	14.24
6/9/99	229.21	18.89	4.01
7/16/99	233.67	14.43	4.46
8/12/99	233.55	14.55	-0.12
9/14/99	231.49	16.61	-2.06
10/14/99	231.03	17.07	-0.46
11/16/99	220.46	27.64	-10.57
12/15/99	218.23	29.87	-2.23
1/14/00	219.30	28.80	1.07
2/15/00	206.79	41.31	-12.51
3/17/00	207.77	40.33	0.98
4/18/00	217.77	30.33	10.00
5/16/00	228.61	19.49	10.84
6/14/00	234.62	13.48	16.85
7/17/00	236.36	11.74	18.59
8/16/00	239.55	8.55	21.78
9/15/00	239.57	8.53	21.80
10/12/00	229.02	19.08	11.25
11/10/00	220.07	28.03	-8.54
12/15/00	220.75	27.35	-13.87
1/15/01	212.50	35.60	-23.86
2/15/01	208.30	39.80	-31.25
3/16/01	205.05	43.05	-3.25
4/16/01	212.84	35.26	7.79
5/15/01	228.38	19.72	15.54
6/18/01	234.88	13.22	6.50
7/16/01	236.09	12.01	1.21
8/16/01	238.94	9.16	2.85
9/17/01	236.57	11.53	-2.37
10/18/01	231.20	16.90	-5.37
11/26/01	212.88	35.22	-18.32
12/27/01	207.58	40.52	-5.30
2/18/02	211.13	36.97	3.55
3/13/02	214.58	33.52	3.45
4/18/02	223.98	24.12	9.40
5/15/02	231.31	16.79	7.33
6/13/02	237.23	10.87	5.92
7/16/02	241.72	6.38	4.49
8/15/02	241.94	6.16	0.22
9/18/02	241.33	6.77	-0.61
10/18/02	235.42	12.68	-5.91
11/15/02	220.88	27.22	-14.54
12/23/02	212.27	35.83	-8.61
1/15/03	210.51	37.59	-1.76

**Water levels Dawn Well  
The Woodlands Onsite**

Reference Point:  
(through 2/15/05) 248.1 feet above sea level

Reference Point:  
(from 4/18/05) 233.8 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
2/24/03	212.33	35.77	1.82
3/14/03	216.54	31.56	-4.21
4/15/03	221.76	26.34	-5.22
5/15/03	222.56	25.54	0.80
6/17/03	236.23	11.87	13.67
8/15/03	244.40	3.70	8.17
9/24/03	243.89	4.21	-0.51
10/20/03	239.31	8.79	-4.58
11/18/03	209.96	38.14	-29.35
12/31/03	214.08	34.02	4.12
1/19/04	214.72	33.38	0.64
2/17/04	215.80	32.30	1.08
4/15/04	222.99	25.11	7.19
5/17/04	238.78	9.32	15.79
6/15/04	248.02	0.08	9.24
7/16/04	250.39	-2.29	2.37
8/23/04	251.14	-3.04	0.75
9/17/04	253.52	-5.42	2.38
10/18/04	240.57	7.53	-12.95
11/16/04	221.6	26.50	-18.97
12/14/04	219.85	28.25	-1.75
1/19/05	211.53	36.57	-8.32
2/15/05	210.85	37.25	-0.68
4/18/05	pumping		
5/19/05	216.56	17.24	5.71
6/24/05	pumping		
7/18/05	232.89	0.91	16.33
8/19/05	pumping		
9/18/05	pumping		
10/16/05	hung up		
11/20/05	222.00	11.80	-10.89
12/18/05	214.91	18.89	-7.09
1/13/06	206.08	27.72	-8.83
2/15/06	217.22	16.58	11.14
3/13/06	204.32	29.48	-12.90
4/17/06	202.2	31.60	-2.12
5/16/06	217.14	16.66	14.94
6/14/06	229.95	3.85	12.81
7/12/06	236.24	-2.44	6.29
8/14/06	238.56	-4.76	2.32
9/15/06	239.58	-5.78	1.02
10/16/06	pumping		
11/15/06	228.67	5.13	-10.91
12/19/06	212.16	21.64	-16.51
1/11/07	212.5	21.30	0.34



Water levels Highway 1 Production Well

The Woodlands Onsite

Reference Point: 245.3 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
3/2/99	207.24	38.06	
4/5/99	204.77	40.53	-2.47
5/12/99	217.31	27.99	12.54
6/9/99	221.33	23.97	4.02
7/16/99	228.24	17.06	6.91
8/12/99	227.54	17.76	-0.70
9/14/99	225.75	19.55	-1.79
10/14/99	224.66	20.64	-1.09
11/16/99	212.89	32.41	-11.77
12/15/99	211.22	34.08	-1.67
1/14/00	211.85	33.45	0.63
2/15/00	201.33	43.97	-10.52
3/17/00	203.39	41.91	2.06
4/18/00	211.94	33.36	8.55
5/16/00	219.96	25.34	8.02
6/14/00	225.13	20.17	5.17
7/17/00	227.59	17.71	2.46
8/16/00	229.78	15.52	2.19
9/15/00	230.52	14.78	0.74
10/12/00	223.06	22.24	-7.46
11/10/00	214.59	30.71	-8.47
12/15/00	212.05	33.25	-2.54
1/15/01	206.92	38.38	-5.13
2/15/01	203.17	42.13	-3.75
3/16/01	201.03	44.27	-2.14
4/16/01	207.68	37.62	6.65
5/15/01	220.80	24.50	13.12
6/18/01	226.28	19.02	5.48
7/16/01	227.33	17.97	1.05
8/16/01	229.58	15.72	2.25
9/17/01	228.72	16.58	-0.86
10/18/01	223.90	21.40	-4.82
11/26/01	206.82	38.48	-17.08
12/27/01	201.01	44.29	-5.81
2/18/02	206.53	38.77	5.52
3/13/02	210.52	34.78	3.99
4/18/02	219.70	25.60	9.18
5/15/02	223.26	22.04	3.56
6/13/02	228.09	17.21	4.83
7/16/02	232.62	12.68	4.53
8/15/02	236.58	8.72	3.96
9/18/02	235.56	9.74	-1.02
10/18/02	229.83	15.47	-5.73
11/15/02	214.79	30.51	-15.04
12/23/02	207.08	38.22	-7.71
1/15/03	205.84	39.46	-1.24
2/24/03	208.32	36.98	2.48
3/14/03	210.18	35.12	1.86
4/15/03	215.04	30.26	4.86
5/15/03	220.33	24.97	5.29
5/17/03	229.20	16.10	8.87

Water levels Highway 1 Production Well

**The Woodlands Onsite**

Reference Point: 245.3 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
8/15/03	238.44	6.86	9.24
9/24/03	235.93	9.37	-2.51
10/20/03	230.79	14.51	-5.14
11/18/03	217.79	27.51	-13.00
12/31/03	210.7	34.60	-7.09
1/19/04	211.34	33.96	0.64
2/17/04	212.58	32.72	1.24
4/15/04	221.28	24.02	8.70
8/26/04	pumping		
11/16/04	232.06	13.24	10.78
1/19/05	223.33	21.97	-8.73
2/16/05	219.91	25.39	-3.42
3/17/05	pumping		
4/18/05	220	25.30	0.09
5/17/05	221.19	24.11	1.19
6/24/05	pumping		
7/13/05	pumping		
9/18/05	248.11	-2.81	26.92
10/16/05	245.83	-0.53	-2.28
11/20/05	227.49	17.81	-18.34
12/18/05	220.64	24.66	-6.85
1/13/06	213.03	32.27	-7.61
2/15/06	222.06	23.24	9.03
3/13/06	211.7	33.60	-10.36
4/17/06	211.02	34.28	-0.68
5/16/06	pumping		
6/14/06	pumping		
7/12/06	245.5	-0.20	34.48
8/14/06	pumping		
9/15/06	pumping		
10/16/06	235.1		
11/15/06	236.98	8.32	-8.52
12/19/06	222.91	22.39	-14.07
1/11/07	221.4	23.90	-1.51

Water levels Highway 1 Monitoring Well

**The Woodlands Onsite**

Reference Point: 244.3 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
3/2/99	195.03	49.27	
4/5/99	193.27	51.03	-1.76
5/12/99	201.96	42.34	8.69
6/9/99	205.07	39.23	3.11
7/16/99	210.32	33.98	5.25
8/12/99	209.00	35.30	-1.32
9/14/99	208.57	35.73	-0.43
10/14/99	206.03	38.27	-2.54
11/16/99	199.14	45.16	-6.89
12/15/99	198.25	46.05	-0.89
1/14/00	197.98	46.32	-0.27
2/15/00	190.40	53.90	-7.58
3/17/00	191.55	52.75	1.15
4/18/00	198.13	46.17	6.58
5/16/00	203.86	40.44	5.73
6/14/00	207.77	36.53	3.91
7/17/00	209.80	34.50	2.03
8/16/00	211.50	32.80	1.70
9/15/00	212.12	32.18	0.62
10/12/00	206.63	37.67	-5.49
11/10/00	200.17	44.13	-6.46
12/15/00	198.23	46.07	-1.94
1/15/01	194.45	49.85	-3.78
2/15/01	191.69	52.61	-2.76
3/16/01	189.93	54.37	-1.76
4/16/01	194.70	49.60	4.77
5/15/01	204.48	39.82	9.78
6/18/01	208.80	35.50	4.32
7/16/01	209.65	34.65	0.85
8/16/01	211.28	33.02	1.63
9/17/01	210.62	33.68	-0.66
10/18/01	206.82	37.48	-3.80
11/26/01	194.48	49.82	-12.34
12/27/01	191.03	53.27	-3.45
2/18/02	193.83	50.47	2.80
3/13/02	196.68	47.62	2.85
4/18/02	203.41	40.89	6.73
5/15/02	206.23	38.07	2.82
6/13/02	209.99	34.31	3.76
7/16/02	213.76	30.54	3.77
8/15/02	216.59	27.71	2.83
9/18/02	215.88	28.42	-0.71
10/18/02	211.33	32.97	-4.55
11/15/02	200.40	43.90	-10.93
12/23/02	194.60	49.70	-5.80
1/15/03	193.67	50.63	-0.93
2/24/03	195.45	48.85	1.78
3/14/03	196.53	47.77	1.08
4/15/03	200.58	43.72	4.05
5/15/03	204.20	40.10	3.62
6/17/03	211.25	33.05	7.05

Water levels Highway I Monitoring Well

The Woodlands Onsite

Reference Point: 244.3 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
8/15/03	218.64	25.66	7.39
9/24/03	216.79	27.51	-1.85
10/20/03	212.75	31.55	-4.04
11/18/03	203.52	40.78	-9.23
12/31/03	200.67	43.63	-2.85
1/19/04	201.08	43.22	0.41
2/17/04	202.19	42.11	1.11
4/15/04	208.68	35.62	6.49
5/17/04	223.08	21.22	14.40
6/15/04	228.90	15.40	5.82
7/16/04	229.48	14.82	0.58
8/27/04	234.73	9.57	5.25
9/17/04	235.39	8.91	0.66
11/16/04	207.66	36.64	-27.73
12/14/04	206.60	37.70	-1.06
1/19/05	200.70	43.60	-5.90
2/16/05	198.63	45.67	-2.07
3/17/05	202.16	42.14	3.53
4/18/05	208.40	35.90	6.24
5/17/05	207.16	37.14	-1.24
6/24/05	222.84	21.46	15.68
7/13/05	221.94	22.36	-0.90
8/18/05	222.57	21.73	0.63
9/18/05	229.94	14.36	7.37
10/16/05	228.58	15.72	-1.36
11/20/05	no access		
12/18/05	no access		
1/13/06	no access		
2/15/06	no access		
3/13/06	200.55	43.75	-28.03
4/17/06	199.7	44.60	-0.85
5/16/06	218.58	25.72	18.88
6/14/06	226.93	17.37	8.35
7/12/06	227.98	16.32	1.05
8/14/06	232.19	12.11	4.21
9/15/06	235.44	8.86	3.25
10/16/06	219.76	24.54	-15.68
11/15/06	220.86	23.44	1.10
12/19/06	209.42	34.88	-11.44
1/11/07	208.04	36.26	-1.38

**Water levels Homestead Well**  
**The Woodlands Onsite**  
Reference Point: 184.9 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
3/2/99	140.09	44.81	
4/5/99	137.75	47.15	-2.34
5/12/99	150.81	34.09	13.06
6/9/99	154.00	30.90	3.19
7/16/99	161.05	23.85	7.05
8/12/99	160.07	24.83	-0.98
9/14/99	158.10	26.80	-1.97
10/14/99	156.79	28.11	-1.31
11/16/99	144.62	40.28	-12.17
12/15/99	144.00	40.90	-0.62
1/14/00	143.96	40.94	-0.04
2/15/00	133.18	51.72	-10.78
3/17/00	134.80	50.10	1.62
4/18/00	143.30	41.60	8.50
5/16/00	151.60	33.30	8.30
6/14/00	156.13	28.77	4.53
7/17/00	159.37	25.53	3.24
8/16/00	162.52	22.38	3.15
9/15/00	163.25	21.65	0.73
10/12/00	154.50	30.40	-8.75
11/10/00	146.79	38.11	-7.71
12/15/00	143.66	41.24	-3.13
1/15/01	138.29	46.61	-5.37
2/15/01	134.95	49.95	-3.34
3/16/01	133.26	51.64	-1.69
4/16/01	140.36	44.54	7.10
5/15/01	153.48	31.42	13.12
6/18/01	158.42	26.48	4.94
7/16/01	159.79	25.11	1.37
8/16/01	161.83	23.07	2.04
9/17/01	161.53	23.37	-0.30
10/18/01	155.22	29.68	-6.31
11/26/01	139.32	45.58	-15.90
12/27/01	134.63	50.27	-4.69
2/18/02	139.33	45.57	4.70
3/13/02	142.33	42.57	3.00
4/18/02	152.38	32.52	10.05
5/15/02	155.77	29.13	3.39
6/13/02	159.79	25.11	4.02
7/16/02	164.44	20.46	4.65
8/15/02	168.51	16.39	4.07
9/18/02	164.96	19.94	-3.55
10/18/02	161.52	23.38	-3.44
11/15/02	146.06	38.84	-15.46
12/23/02	139.6	45.30	-6.46
1/15/03	138.24	46.66	-1.36
2/24/03	140.34	44.56	2.10
3/14/03	143.31	41.59	2.97
4/15/03	148.23	36.67	4.92
5/15/03	-		
6/17/03	161.11	23.79	12.88

Water levels Homestead Well

The Woodlands Onsite

Reference Point: 184.9 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
8/15/03	173.33	11.57	12.22
9/24/03	169.96	14.94	-3.37
10/20/03	165.02	19.88	-4.94
11/18/03	152.48	32.42	-12.54
12/31/03	143.33	41.57	-9.15
1/19/04	146.1	38.80	2.77
2/17/04	161.13	23.77	15.03
4/15/04	169.56	15.34	8.43
5/17/04	pumping		
7/16/04	pumping		
8/23/04	pumping		
9/17/04	pumping		
10/18/04	pumping		
11/16/04	pumping		
12/14/04	154.5	30.40	-15.06
1/19/05	147.6	37.30	-6.90
2/16/05	pumping		
3/17/05	151	33.90	3.40
4/18/05	pumping		
5/17/05	161.3	23.60	10.30
6/24/05	pumping		
6/30/05	172	12.90	10.70
7/18/05	173.57	11.33	1.57
8/18/05	pumping		
9/17/05	179.12	5.78	5.55
10/16/05	178.66	6.24	-0.46
11/20/05	159.94	24.96	-18.72
12/18/05	155.00	29.90	-4.94
1/13/06	pumping		
2/15/06	155.27	29.63	0.27
3/13/06	145.37	39.53	-9.90
4/17/06	144.27	40.63	-1.10
5/16/06	161.44	23.46	17.17
6/14/06	170.16	14.74	8.72
7/12/06	176.32	8.58	6.16
8/14/06	179.16	5.74	2.84
9/15/06	188.27	-3.37	9.11
10/16/06	168.39	16.51	-19.88
11/15/06	pumping		
12/19/06	pumping		
1/11/07	163.5	21.40	-4.89

Water Levels Flintcote Well

The Woodlands Onsite

Reference Point: 241.6 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
10/3/44	195	46.60	
8/1/92	231	10.60	36.00
3/2/99	195.91	45.69	-35.09
4/5/99	194.08	47.52	-1.83
5/12/99	205.63	35.97	11.55
6/9/99	209.88	31.72	4.25
7/16/99	216.54	25.06	6.66
8/12/99	215.64	25.96	-0.90
9/14/99	215.18	26.42	-0.46
10/14/99	212.68	28.92	-2.50
11/16/99	204.53	37.07	-8.15
12/15/99	201.81	39.79	-2.72
1/14/00	202.39	39.21	0.58
2/15/00	192.50	49.10	-9.89
3/17/00	192.05	49.55	-0.45
4/18/00	203.88	37.72	11.83
5/16/00	209.49	32.11	5.61
6/14/00	212.12	29.48	2.63
7/17/00	216.90	24.70	4.78
8/16/00	218.78	22.82	1.88
9/15/00	219.87	21.73	1.09
10/12/00	214.51	27.09	-5.36
11/10/00	204.09	37.51	-10.42
12/15/00	202.88	38.72	-1.21
1/15/01	198.38	43.22	-4.50
2/15/01	194.21	47.39	-4.17
3/16/01	190.34	51.26	-3.87
4/16/01	197.90	43.70	7.56
5/15/01	210.21	31.39	12.31
6/18/01	215.51	26.09	5.30
7/16/01	217.17	24.43	1.66
8/16/01	218.01	23.59	0.84
9/17/01	217.98	23.62	-0.03
10/18/01	212.81	28.79	-5.17
11/26/01	198.48	43.12	-14.33
12/27/01	192.63	48.97	-5.85
2/18/02	197.47	44.13	4.84
3/13/02	199.73	41.87	2.26
4/18/02	207.49	34.11	7.76
5/15/02	210.88	30.72	3.39
6/13/02	215.05	26.55	4.17
7/16/02	220.24	21.36	5.19
8/15/02	224.37	17.23	4.13
9/18/02	223.25	18.35	-1.12
10/18/02	218.21	23.39	-5.04
11/15/02	205.17	36.43	-13.04
12/23/02	198.54	43.06	-6.63
1/15/03	195.93	45.67	-2.61
2/24/03	198.45	43.15	2.52
3/14/03	199.01	42.59	0.56
4/15/03	206.65	34.95	7.64

**Water Levels Flintcote Well**

**The Woodlands Onsite**

Reference Point: 241.6 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
5/15/03	208.68	32.92	2.03
6/17/03	218.73	22.87	10.05
8/15/03	225.73	15.87	7.00
9/24/03	224.87	16.73	-0.86
10/20/03	219.99	21.61	-4.88
11/18/03	209.67	31.93	-10.32
12/31/03	201.22	40.38	-8.45
1/19/04	201.06	40.54	-0.16
2/17/04	203.17	38.43	2.11
4/15/04	209.32	32.28	6.15
5/17/04	222.58	19.02	13.26
6/15/04	230.12	11.48	7.54
7/16/04	232.95	8.65	2.83
8/23/04	234.25	7.35	1.30
9/17/04	236.52	5.08	2.27
10/18/04	220.04	21.56	-16.48
11/16/04	208.78	32.82	-11.26
12/14/04	208.14	33.46	-0.64
1/19/05	198.47	43.13	-9.67
2/16/05	199.91	41.69	1.44
3/17/05	202.25	39.35	2.34
4/18/05	208.85	32.75	6.60
5/17/05	210.21	31.39	1.36
6/24/05	223.84	17.76	13.63
7/13/05	225.88	15.72	2.04
8/18/05	228.15	13.45	2.27
9/18/05	233.33	8.27	5.18
10/16/05	235.43	6.17	2.10
11/20/05	216.93	24.67	-18.50
12/18/05	212.46	29.14	-4.47
1/13/06	203.50	38.10	-8.96
2/15/06	210.82	30.78	7.32
3/13/06	203.28	38.32	-7.54
4/17/06	201.15	40.45	-2.13
5/16/06	215.13	26.47	13.98
7/12/06	233.3	8.30	18.17
8/14/06	236.99	4.61	3.69
9/15/06	239.96	1.64	2.97
10/16/06	227.88	13.72	-12.08
11/15/06	228.92	12.68	1.04
12/19/06	214.93	26.67	-12.95
1/11/07	210.07	31.53	-4.86



Water levels, Well 11N/35W-14N

**The Woodlands Offsite**

Reference Point: 271.2 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
11/10/00	201.00	70.20	--
12/15/00	200.38	70.82	-0.62
1/15/01	197.88	73.32	-2.50
2/15/01	195.28	75.92	-2.60
3/16/01	193.19	78.01	-2.09
4/16/01	197.18	74.02	3.99
5/15/01	203.05	68.15	5.87
6/18/01	206.12	65.08	3.07
7/16/01	207.30	63.90	1.18
8/16/01	207.93	63.27	0.63
9/17/01	207.95	63.25	0.02
10/18/01	205.83	65.37	-2.12
11/26/01	198.01	73.19	-7.82
12/27/01	194.05	77.15	-3.96
2/18/02	196.13	75.07	2.08
3/13/02	197.55	73.65	1.42
4/18/02	201.74	69.46	4.19
5/15/02	203.33	67.87	1.59
6/13/02	205.49	65.71	2.16
7/16/02	208.19	63.01	2.70
8/15/02	209.65	61.55	1.46
9/18/02	209.88	61.32	0.23
10/18/02	207.77	63.43	-2.11
11/15/02	200.96	70.24	-6.81
12/23/02	196.92	74.28	-4.04
1/15/03	194.80	76.40	-2.12
2/24/03	195.98	75.22	1.18
3/14/03	195.95	75.25	-0.03
4/15/03	195.88	75.32	-0.07
5/15/03	201.60	69.60	5.72
6/17/03	201.49	69.71	-0.11
8/15/03	197.02	74.18	-4.47
9/24/03	196.89	74.31	-0.13
10/20/03	195.32	75.88	-1.57
11/18/03	192.49	78.71	-2.83
12/31/03	186.89	84.31	-5.60
1/19/04	188.46	82.74	1.57
2/17/04	188.8	82.40	0.34
3/12/04	187.28	83.92	-1.52
4/15/04	192.52	78.68	5.24
5/17/04	192.05	79.15	-0.47
6/15/04	196.77	74.43	4.72
7/16/04	196.88	74.32	0.11
8/23/04	197.51	73.69	0.63
9/17/04	198.32	72.88	0.81
10/18/04	195.53	75.67	-2.79
11/16/04	189.04	82.16	-6.49
12/14/04	188.14	83.06	-0.90
1/19/05	184.18	87.02	-3.90
2/15/05	184.76	86.44	0.58
3/17/05	186.99	84.21	2.23
4/18/05	186.36	84.84	-0.63
5/17/05	187.79	83.41	1.43

Water levels, Well 11N/35W-14N

**The Woodlands Offsite**

Reference Point: 271.2 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
7/13/05	187.91	83.29	0.12
8/19/05	201.94	69.26	14.03
9/17/05	199.94	71.26	-2.00
10/15/05	199.53	71.67	-0.41
11/16/05	192.61	78.59	-6.92
12/17/05	191.50	79.70	-1.11
1/13/06	187.48	83.72	-4.02
2/15/06	190.42	80.78	2.94
3/13/06	187.41	83.79	-3.01
4/17/06	186.92	84.28	-0.49
5/16/06	192.62	78.58	5.70
6/14/06	196.55	74.65	3.93
7/12/06	199.91	71.29	3.36
8/14/06	200.87	70.33	0.96
9/15/06	201.13	70.07	0.26
10/16/06	195.48	75.72	-5.65
11/15/06	196.34	74.86	0.86
12/19/06	191.65	79.55	-4.69
1/11/07	189.27	81.93	-2.38

Water levels, Well 11N/35W-10F

**The Woodlands Offsite**

Reference Point: 277.9 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
12/23/02	248.79	29.11	--
1/15/03	247.70	30.20	-1.09
2/24/03	250.68	27.22	2.98
3/14/03	253.63	24.27	2.95
4/15/03	260.19	17.71	6.56
5/15/03	258.32	19.58	-1.87
6/17/03	261.21	16.69	2.89
8/15/03	284.50	-6.60	23.29
9/24/03	285.91	-8.01	1.41
10/20/03	282.61	-4.71	-3.30
11/18/03	266.57	11.33	-16.04
12/31/03	249.66	28.24	-16.91
1/19/04	253.19	24.71	3.53
2/17/04	252.77	25.13	-0.42
4/15/04	260.18	17.72	7.41
5/20/04	284.46	-6.56	24.28
6/15/04	286.40	-8.50	1.94
7/16/04	289.99	-12.09	3.59
8/23/04	291.87	-13.97	1.88
9/17/04	293.79	-15.89	1.92
10/18/04	278.95	-1.05	-14.84
11/16/04	259.75	18.15	-19.20
12/14/04	256.21	21.69	-3.54
1/19/05	245.88	32.02	-10.33
2/15/05	245.96	31.94	0.08
3/17/05	250.00	27.90	4.04
4/19/05	259.32	18.58	9.32
5/19/05	264.40	13.50	5.08
6/30/05	281.70	-3.80	17.30
8/19/05	286.20	-8.30	4.50
9/17/05	289.97	-12.07	3.77
10/15/05	287.82	-9.92	-2.15
11/16/05	274.74	3.16	-13.08
12/17/05	267.57	10.33	-7.17
1/13/06	258.46	19.44	-9.11
2/15/06	272.75	5.15	14.29
3/13/06	255.72	22.18	-17.03
4/17/06	253.00	24.90	-2.72
5/16/06	265.83	12.07	12.83
6/14/06	282.23	-4.33	16.40
7/12/06	286.77	-8.87	4.54

Water levels, Well 11N/35W-10F

**The Woodlands Offsite**

Reference Point: 277.9 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
8/14/06	289.27	-11.37	2.50
9/15/06	289.06	-11.16	-0.21
10/16/06	283.35	-5.45	-5.71
11/15/06	278.88	-0.98	-4.47
12/19/06	261.06	16.84	-17.82
1/11/07	263.87	14.03	2.81

Water levels, Well 11N/35W-10N

**The Woodlands Offsite**

Reference Point: 246.0 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
10/12/00	214.32	31.68	—
11/10/00	207.65	38.35	-6.67
12/15/00	208.02	37.98	0.37
1/15/01	202.15	43.85	-5.87
2/15/01	198.15	47.85	-4.00
discontinued			
11/16/04	213.21	32.79	15.06
12/14/04	212.13	33.87	-1.08
3/17/05	203.28	42.72	-8.85
4/18/05	212.63	33.37	9.35
5/19/05	213.69	32.31	1.06
6/24/05	220.00	26.00	6.31
7/13/05	227.51	18.49	7.51
8/19/05	pumping		
9/17/05	231.00	15.00	3.49
10/15/05	231.45	14.55	0.45
11/16/05	223.76	22.24	-7.69
12/17/05	pumping		
1/13/06	217.07	28.93	-6.69
2/15/06	pumping		
3/13/06	213.15	32.85	-3.92
4/16/06	pumping		
5/16/06	216.81	29.19	3.66
6/16/06	228.15	17.85	11.34
7/12/06	232.85	13.15	4.70
8/14/06	235.27	10.73	2.42
9/15/06	236.22	9.78	0.95
10/16/06	234.73	11.27	-1.49
11/15/06	pumping		
12/19/06	216.18	29.82	-18.55
1/11/07	217.61	28.39	1.43

Water levels, Well 11N/35W-23E1

**The Woodlands Offsite**

Reference Point: 298.5 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
6/13/02	205.87	92.63	--
7/16/02	205.75	92.75	-0.12
8/15/02	205.97	92.53	0.22
9/18/02	205.76	92.74	-0.21
10/18/02	205.71	92.79	-0.05
11/15/02	205.48	93.02	-0.23
12/23/02	205.22	93.28	-0.26
1/15/03	205.05	93.45	-0.17
2/24/03	204.88	93.62	-0.17
3/14/03	204.52	93.98	-0.36
4/15/03	204.48	94.02	-0.04
5/15/03	204.71	93.79	0.23
6/17/03	204.83	93.67	0.12
8/15/03	204.48	94.02	-0.35
9/24/03	204.51	93.99	0.03
10/20/03	204.33	94.17	-0.18
11/18/03	204.80	93.70	0.47
12/31/03	204.22	94.28	-0.58
1/19/04	204.50	94.00	0.28
2/17/04	204.12	94.38	-0.38
3/12/04	204.33	94.17	0.21
4/15/04	204.06	94.44	-0.27
6/15/04	204.73	93.77	0.67
8/23/04	204.83	93.67	0.10
2/8/05	203.63	94.87	-1.20

Water levels, Well 11N/35W-22G

The Woodlands Offsite

Reference Point: 279.8 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
2/24/03	194.52	85.28	-
3/14/03	194.09	85.71	-0.43
4/15/03	194.65	85.15	0.56
5/15/03	194.41	85.39	-0.24
6/17/03	194.84	84.96	0.43
8/15/03	194.88	84.92	0.04
9/24/03	194.93	84.87	0.05
10/20/03	194.83	84.97	-0.10
11/18/03	195.16	84.64	0.33
12/31/03	194.41	85.39	-0.75
1/19/04	194.84	84.96	0.43
2/17/04	194.53	85.27	-0.31
4/15/04	200.38	79.42	5.85
5/20/04	194.58	85.22	-5.80
6/15/04	194.47	85.33	-0.11
7/16/04	194.4	85.40	-0.07
8/23/04	194.42	85.38	0.02
9/17/04	195.07	84.73	0.65
10/19/04	195.00	84.80	-0.07
11/16/04	198.56	81.24	3.56
12/14/04	194.79	85.01	-3.77
2/16/05	193.94	85.86	-0.85
4/18/05	195.60	84.20	1.66
5/17/05	194.76	85.04	-0.84
6/24/05	195.00	84.80	0.24
7/13/05	194.95	84.85	-0.05
8/19/05	195.13	84.67	0.18
9/17/05	195.2	84.60	0.07
10/15/05	195.18	84.62	-0.02
11/16/05	194.97	84.83	-0.21
12/17/05	194.87	84.93	-0.10
1/13/06	194.70	85.10	-0.17
2/15/06	194.81	84.99	0.11
3/13/06	193.72	86.08	-1.09
4/17/06	194.75	85.05	1.03
5/16/06	194.83	84.97	0.08
6/14/06	194.94	84.86	0.11
7/12/06	194.97	84.83	0.03
8/14/06	obstruction		
9/15/06	195.35	84.45	0.38
10/16/06	195.17	84.63	-0.18
11/15/06	195.14	84.66	-0.03
12/19/06	195.10	84.70	-0.04
1/11/07	195.52	84.28	0.42

Water levels, Well 11N/35W-15G1

**The Woodlands Offsite**

Reference Point: 234.8 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
10/12/00	211.94	22.86	-
11/10/00	194.16	40.64	-17.78
12/15/00	193.45	41.35	-0.71
1/15/01	189.03	45.77	-4.42
2/15/01	185.21	49.59	-3.82
3/16/01	182.00	52.80	-3.21
4/16/01	188.00	46.80	6.00
5/15/01	197.28	37.52	9.28
6/18/01	202.46	32.34	5.18
7/16/01	204.43	30.37	1.97
8/16/01	205.06	29.74	0.63
9/17/01	204.11	30.69	-0.95
10/18/01	200.91	33.89	-3.20
11/26/01	188.96	45.84	-11.95
12/27/01	183.68	51.12	-5.28
2/18/02	186.08	48.72	2.40
3/13/02	188.20	46.60	2.12
4/18/02	193.54	41.26	5.34
5/15/02	197.13	37.67	3.59
6/13/02	201.31	33.49	4.18
7/16/02	205.28	29.52	3.97
8/15/02	207.78	27.02	2.50
9/18/02	206.85	27.95	-0.93
10/18/02	203.13	31.67	-3.72
11/15/02	193.54	41.26	-9.59
12/23/02	187.75	47.05	-5.79
1/15/03	185.45	49.35	-2.30
2/24/03	187.73	47.07	2.28
3/14/03	187.35	47.45	-0.38
4/15/03	192.31	42.49	4.96
5/15/03	193.87	40.93	1.56
6/17/03	201.92	32.88	8.05
8/15/03	208.81	25.99	6.89
9/24/03	208.17	26.63	-0.64
10/20/03	204.96	29.84	-3.21
11/18/03	195.85	38.95	-9.11
12/31/03	190.57	44.23	-5.28
1/19/04	190.51	44.29	-0.06
2/17/04	191.74	43.06	1.23
4/15/04	195.47	39.33	3.73
5/20/04	212.67	22.13	17.20
6/15/04	215.09	19.71	2.42
7/16/04	218.07	16.73	2.98
8/23/04	217.8	17.00	-0.27
9/17/04	220.7	14.10	2.90
10/18/04	211.52	23.28	-9.18
11/16/04	196.21	38.59	-15.31
12/14/04	195.04	39.76	-1.17
1/19/05	187.52	47.28	-7.52
2/15/05	187.5	47.30	-0.02
3/17/05	189.76	45.04	2.26
4/18/05	194.12	40.68	4.36



Water levels, Well 11N/35W-15G1

**The Woodlands Offsite**

Reference Point: 234.8 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
5/17/05	195.02	39.78	0.90
7/13/05	207.76	27.04	12.74
8/19/05	215.82	18.98	8.06
9/17/05	216.26	18.54	0.44
10/15/05	217.06	17.74	0.80
11/16/05	207.12	27.68	-9.94
12/17/05	201.25	33.55	-5.87
1/13/06	194.04	40.76	-7.21
2/15/06	201.13	33.67	7.09
3/13/06	192.65	42.15	-8.48
4/17/06	191.24	43.56	-1.41
5/16/06	203.07	31.73	11.83
6/14/06	212.41	22.39	9.34
7/12/06	218.11	16.69	5.70
8/14/06	221.5	13.30	3.39
9/15/06	221.92	12.88	0.42
10/16/06	216.54	18.26	-5.38
11/15/06	213.59	21.21	-2.95
12/19/06	201.00	33.80	-12.59
1/11/07	200.16	34.64	-0.84

Water Levels, Well 11N/35W-10R1

**The Woodlands Offsite**

\*Reference Point: 275 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
12/17/05	175.00	100.00	
1/13/06	174.32	100.68	-0.68
2/15/06	175.36	99.64	1.04
3/13/06	173.98	101.02	-1.38
4/17/06	173.75	101.25	-0.23
5/16/06	175.19	99.81	1.44
6/14/06	187.75	87.25	12.56
7/12/06	188.15	86.85	0.40
8/14/06	189.10	85.90	0.95
9/15/06	188.70	86.30	-0.40
10/16/06	177.68	97.32	-11.02
11/15/06	187.23	87.77	9.55
12/19/06	175.40	99.60	-11.83
1/11/07	No access		

\*Reference point based on San Luis Obispo County GPS measurement.

Well levels were monitored by the San Luis Obispo County Public Works Department as part of the County's Ground Water Monitoring Program from 1969 to 1993. Cleath & Associates began monitoring the well on November 20, 2005

Water levels, Well 11N/35W-10R2

The Woodlands Offsite

Reference Point: 269.1 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
11/15/02	238.80	30.30	--
12/23/02	230.28	38.82	-8.52
1/15/03	228.55	40.55	-1.73
2/24/03	229.31	39.79	0.76
3/14/03	232.45	36.65	3.14
4/15/03	237.12	31.98	4.67
5/15/03	244.78	24.32	7.66
6/17/03	254.51	14.59	9.73
8/15/03	263.51	5.59	9.00
9/24/03	261.36	7.74	-2.15
11/18/03	265.00	4.10	3.64
12/31/03	237.20	31.90	-27.80
4/15/04	249.13	19.97	11.93
5/20/04	264.56	4.54	15.43
6/15/04	264.88	4.22	0.32
2/15/05	234.26	34.84	-30.62
3/17/05	240.00	29.10	5.74
4/19/05	250.59	18.51	10.59
5/19/05	250.00	19.10	-0.59
6/24/05	pumping		
7/13/05	265.27	3.83	15.27
8/19/05	271.44	-2.34	6.17
9/17/2005	273.75	-4.65	2.31
10/16/2005	pumping		
11/20/2005	258.00	11.10	-15.75
12/17/2005	256.00	13.10	-2.00
1/13/2006	pumping		
2/15/06	250.60	18.50	-5.40
3/13/06	pumping		
4/17/06	239.50	29.60	-11.10
5/16/06	257.70	11.40	18.20
6/14/06	pumping		
7/12/06	274.60	-5.50	16.90
8/14/06	pumping		
9/15/06	278.04	-8.94	3.44
10/16/06	265.43	3.67	-12.61
11/15/06	266.71	2.39	1.28
12/19/06	249.79	19.31	-16.92
1/11/07	244.10	25.00	-5.69

Water levels, Well 11N/35W-10R3

**The Woodlands Offsite**

\*Reference Point: 276 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
4/17/06	255.43	20.57	
5/16/06	271.15	4.85	15.72
6/14/06	278.60	-2.60	7.45
7/12/06	287.32	-11.32	8.72
8/14/06	292.31	-16.31	4.99
9/15/06	292.56	-16.56	0.25
10/16/06	283.45	-7.45	-9.11
11/15/06	282.23	-6.23	-1.22
12/19/06	263.20	12.80	-19.03
1/11/07	257.57	18.43	-5.63

\*Reference point estimated from topographic map.

Water levels, Well 11N/35W-9K4

**The Woodlands Offsite**

\*Reference Point: 168.5 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
4/10/99	130.60	37.90	
10/26/99	173.00	-4.50	42.40
1/19/00	140.70	27.80	-32.30
10/5/00	171.00	-2.50	30.30
4/16/01	154.80	13.70	-16.20
10/3/01	169.00	-0.50	14.20
10/7/02	162.20	6.30	-6.80
4/16/03	140.20	28.30	-22.00
10/13/03	158.10	10.40	17.90
1/19/04	135.58	32.92	-22.52
2/17/04	137.72	30.78	2.14
3/12/04	144.00	24.50	6.28
4/15/04	150.00	18.50	6.00
6/15/04	176.58	-8.08	26.58
8/23/04	172.09	-3.59	-4.49
9/17/04	175.78	-7.28	3.69
10/18/04	160.94	7.56	-14.84
11/16/04	146.86	21.64	-14.08
12/14/04	145.50	23.00	-1.36
1/19/05	136.50	32.00	-9.00
2/16/05	137.00	31.50	0.50
3/17/05	139.11	29.39	2.11
4/19/05	pumping		
5/19/05	144.00	24.50	4.89
6/24/05	pumping		
7/17/05	166.60	1.90	22.60
8/19/05	176.60	-8.10	10.00
9/18/05	172.30	-3.80	-4.30
10/15/05	170.31	-1.81	-1.99
11/20/05	151.44	17.06	-18.87
1/13/06	138.16	30.34	-13.28
2/15/06	149.60	18.90	11.44
3/13/06	136.78	31.72	-12.82
4/17/06	134.76	33.74	-2.02
5/16/06	pumping		
6/14/06	recovering		
7/12/06	recovering		
8/14/06	170.80	-2.30	36.04
9/15/06	pumping		
10/18/06	160.44	8.06	-10.36
11/15/06	159.52	8.98	-0.92
12/19/06	154.35	14.15	-5.17
1/11/07	147.40	21.10	-6.95

\*Reference point based on San Luis Obispo County GPS measurement.

Well levels shown from April 1999 to October 2003 were monitored by the San Luis Obispo County Public Works Department as part of the County's Ground Water Monitoring Program. Cleath & Associates began monitoring the well on January 19, 2004.

Water levels, Well 11N/35W-10K

**The Woodlands Offsite**

Reference Point: 249.3 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
2/16/05	154.59	94.71	--
3/20/05	153.16	96.14	-1.43
4/19/05	154.27	95.03	1.11
5/19/05	153.67	95.63	-0.60
6/24/05	153.71	95.59	0.04
7/13/05	153.75	95.55	0.04
8/19/05	153.86	95.44	0.11
9/17/05	153.84	95.46	-0.02
10/15/05	153.95	95.35	0.11
11/16/05	153.95	95.35	0.00
12/17/05	153.81	95.49	-0.14
1/13/06	153.66	95.64	-0.15
2/15/06	153.61	95.69	-0.05
3/13/06	153.64	95.66	0.03
4/17/06	153.50	95.80	-0.14
5/16/06	153.38	95.92	-0.12
6/14/06	153.44	95.86	0.06
7/12/06	153.51	95.79	0.07
8/14/06	153.61	95.69	0.10
9/15/06	153.70	95.60	0.09
10/16/06	153.60	95.70	-0.10
11/15/06	153.63	95.67	0.03
12/19/06	153.62	95.68	-0.01
1/11/07	153.40	95.90	-0.22

Water levels, Well 11N/35W-22H

**The Woodlands Offsite**

Reference Point: 270.1 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
12/14/04	186.20	83.90	—
2/15/05	185.71	84.39	-0.49
3/20/05	184.11	85.99	-1.6
4/18/05	185.68	84.42	1.57
5/19/05	185.37	84.73	-0.31
6/24/05	185.21	84.89	-0.16
7/13/05	185.23	84.87	0.02
8/19/05	185.12	84.98	-0.11
9/17/05	185.20	84.90	0.08
10/15/05	185.36	84.74	0.16
11/16/05	185.08	85.02	-0.28
12/17/05	184.94	85.16	-0.14
1/13/06	184.78	85.32	-0.16
2/15/06	184.93	85.17	0.15
3/13/06	184.85	85.25	-0.08
4/17/06	184.86	85.24	0.01
5/16/06	185.00	85.10	0.14
6/14/06	185.21	84.89	0.21
7/12/06	185.16	84.94	-0.05
8/14/06	185.31		
9/15/06	185.57	84.53	0.41
10/16/06	pumping		
11/15/06	185.30	84.80	-0.27
12/19/06	185.18	84.92	-0.12
1/11/07	185.02	85.08	-0.16

Water levels, Well 11N/35W-10Q

**The Woodlands Offsite**

Reference Point: 284.5 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
5/19/05	182.66	101.84	--
6/24/05	182.70	101.80	0.04
7/13/05	182.62	101.88	-0.08
8/19/05	182.71	101.79	0.09
9/17/05	182.62	101.88	-0.09
10/15/05	182.71	101.79	0.09
11/16/05	182.70	101.80	-0.01
12/17/05	182.53	101.97	-0.17
1/13/06	182.31	102.19	-0.22
2/15/06	182.33	102.17	0.02
3/13/06	182.31	102.19	-0.02
4/17/06	182.19	102.31	-0.12
5/16/06	182.10	102.40	-0.09
6/14/06	182.22	102.28	0.12
7/12/06	182.31	102.19	0.09
8/14/06	182.43	102.07	0.12
9/15/06	182.48	102.02	0.05
10/16/06	182.34	102.16	-0.14
11/15/06	182.40	102.10	0.06
12/19/06	182.32	102.18	-0.08
1/11/07	182.08	102.42	-0.24



Water levels, Well 11N/35W-15B3

**The Woodlands Offsite**

Reference Point: 239.41 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
9/7/05	232.34	7.07	--
10/15/05	231.58	7.83	-0.76
11/16/05	211.76	27.65	-19.82
12/17/05	207.89	31.52	-3.87
1/13/06	197.00	42.41	-10.89
2/15/06	206.35	33.06	9.35
3/13/06	pumping		
4/17/06	194.11	45.30	-12.24
5/30/06	214.29	25.12	20.18
6/14/06	hung up		
7/12/06	hung up		
8/14/06	230.11	9.30	15.82
9/15/06	233.22	6.19	3.11
10/16/06	hung up		
11/15/06	220.78	18.63	-12.44
12/19/06	206.83	32.58	-13.95
1/11/07	204.04	35.37	-2.79

Water levels, Well 11N/35W-15B4

**The Woodlands Offsite**

Reference Point: 246.62 feet above sea level

Date	Depth	Water Elev.	Change (from previous depth)
9/7/05	247.29	-0.67	--
10/15/05	246.65	-0.03	-0.64
11/16/05	226.44	20.18	-20.21
12/17/05	222.19	24.43	-4.25
1/13/06	212.46	34.16	-9.73
3/13/06	211.20	35.42	-1.26
4/17/06	209.82	36.80	-1.38
5/30/06	232.04	14.58	22.22
6/14/06	236.98	9.64	4.94
7/12/06	246.75	-0.13	9.77
8/14/06	248.05	-8.64	1.30
9/15/06	250.74	-11.33	2.69
10/16/06	235.51	3.90	-15.23
11/15/06	237.77	1.64	2.26
12/19/06	222.36	17.05	-15.41
1/11/07	218.21	21.20	-4.15