

California 93405

February 24, 2006

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

SUBJECT: Winter 2006 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 thirteen 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 the Dawn, Mesa, and Highway 1 wells, with a temporary pump operating in the Homestead well. Electronic flow meters with flow



totalizers have been installed in the wells that have permanent pumps. A flow meter will be installed in the Homestead well following pump installation. The flow meters have been installed near each well along the permanent distribution piping, however, temporary irrigation piping taps the line upstream of the meters between the meters and the wells. Prior to installing the flow meters, production volumes for each of the wells has been accomplished by hand tallies written by water truck drivers, and by flow meters located at a pump station that services onsite irrigation systems. We understand that any water bypassing the newly installed meters is currently being measured by water truck drivers and by the pump station meters. To date, Cleath & Associates has not received any of the requested ground water production data from Coastal Earthmovers, Inc.

Sounding tubes have been installed in each of the production wells to facilitate water level monitoring. However, the sounding tube in the Mesa Well became detached from the well head shortly after installation, and as a result, water level measurements have not been obtained at the Mesa Well since October 2005.

Ground water elevations for the onsite wells and monthly precipitation are shown on Figure 2. Water level data are attached. Seasonal water level fluctuations ranged between approximately 25 and 45 feet in the six onsite wells. The slightly declining average water levels indicated in the hydrograph is a result of changing climatic conditions in the area during the seven-year monitoring period. Because of higher than normal precipitation amounts and the resulting decrease in regional well pumping during the winter of 2004 - 2005, water levels were higher during the 2005 spring and into the late summer in each of the onsite wells, with the exception of the Mesa well, than in the corresponding 2004 spring and summer period. This occurred in spite of the increase in pumping during the 2005 summer months.

The Flintcote well is an important water level monitoring well because it is not a pumping well and therefore, water levels are always static, and generally reflect site conditions. Water levels were lower in the Flintcote well from October 2005 through January 2006 compared to the same months one year ago. This is partly due to earlier rainfall during the winter of 2004 and 2005 compared to this winter, and partly due to the increased pumping rates in the Woodlands production wells occurring in 2005.

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

Because of access problems, water level monitoring in wells 15B2 and 15B5 was stopped, and the nearby wells 15B3 and 15B4 were added to the program during this monitoring period. 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.



Well 10R2 is used for domestic and irrigation supply, and has been pumped on a regular basis since the summer of 2003. The Well 10F is unequipped. Wells 15B3 and 15B4 are equipped, but inactive, and are located on property currently being developed as a new home subdivision. Monitoring at well 23E1 has been discontinued because of access problems to the well. The 13 offsite wells are listed in Table 1.

Ground water elevations for the offsite wells are shown on Figures 3, 4, and 5. Seasonal changes in depths to water prior to 2004 were approximately 15 and 23 feet in wells 14N and 15G1 respectively. From January 2005 to August 2005, water levels in well 14N dropped nearly 18 feet, with a one month drop of 14 feet between July 2005 and August 2005. Water levels in well 15G1 dropped 29 feet from February 2005 to October 2005. Water levels in wells 10F and 9K4 have shown the greatest amount of seasonal fluctuation of all the monitored off-site wells. Water levels in these wells dropped between 40 and 44 feet from January to September of 2005. Water levels in the offsite wells completed in the mixed or deep aquifer were lower during the winter of 2005-2006 than during the winter of 2004-2005. Table 2 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 ground water flow directions and hydraulic gradients on the Woodlands property are shown in Figure 6. Ground water during December 2005 is generally inferred to flow to the northwest at an estimated average hydraulic gradient of 0.0017 vertical feet of head loss per horizontal foot of distance.

Wells used for the hydraulic gradient calculations represent the same or similar hydraulic pressure zones. Four onsite wells were used to calculate the hydraulic gradient for the December 2005 monitoring event. Because water levels in the Mesa well have not been measured since October 2005, the well could not be used to determine ground water elevation contours or hydraulic gradients. 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 19 wells currently being monitored at the Woodlands project. There are six onsite wells and a total of 13 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 2 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 flow meter with a totalizer in the Homestead well. The date of the meter installation should be recorded.
- 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.
- Compile historical production data from hand tallies and pump station meter readings.

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, RG 7715

Dail R. William

Associate Geologist

attachments

cc. Tom Whelan

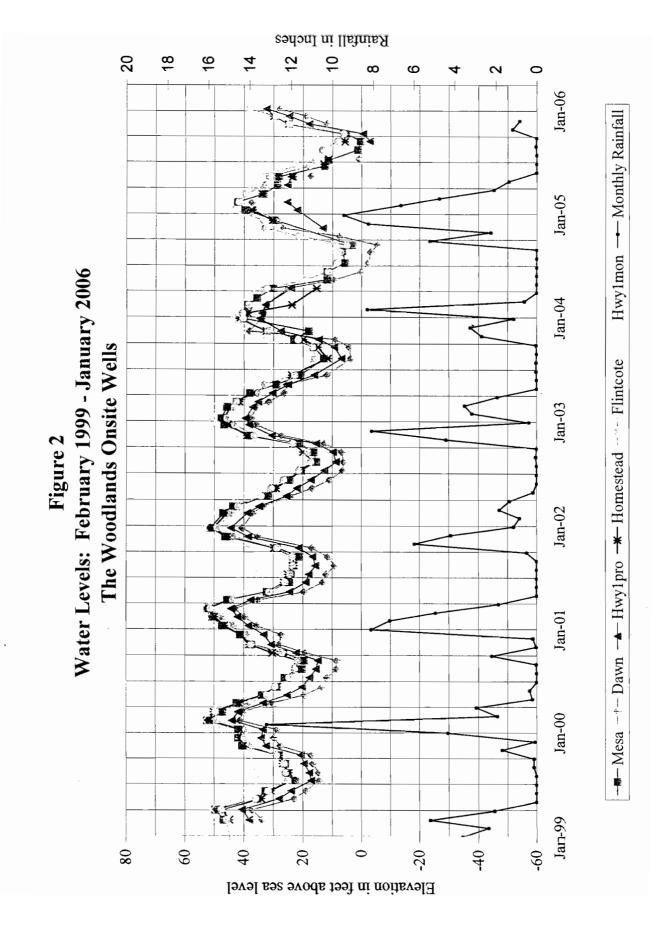
Table 1 Woodlands Offsite Wells

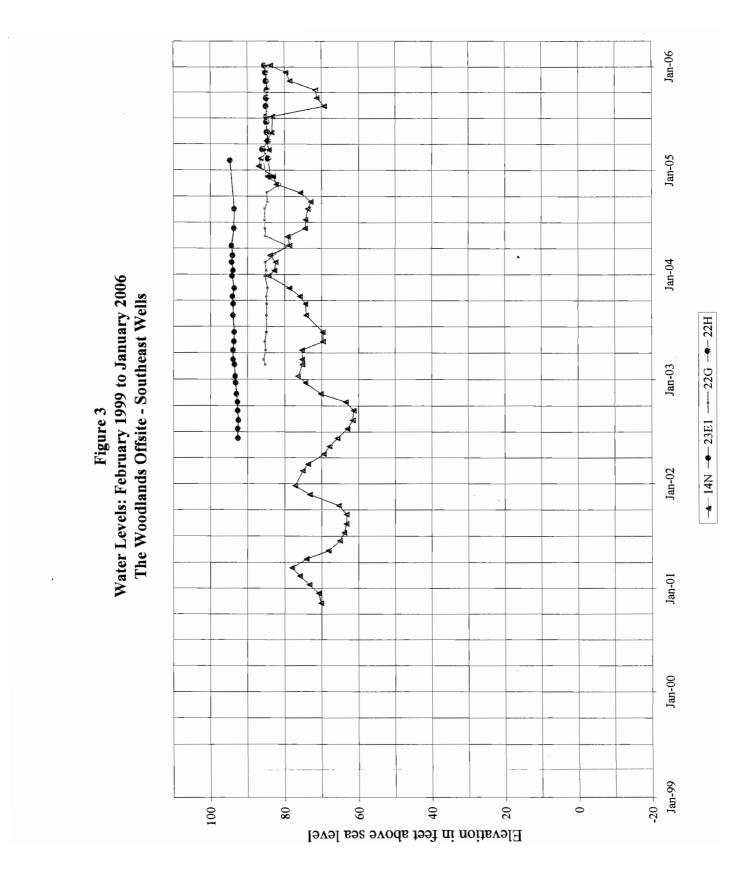
Reference Point	Total depth (in feet)	Well Type	Well Status	Date Monitoring Began	Drillers	Year Drilled	Comments
=	Top of sounding tube (271.2)	Irrigation	Equipped, inactive	Nov-00	Floyd V. Wells	1975	1
Steel plate on top of casing (277.9)	m g 600	School supply & Irrigation	Unequipped	Dec-03	Enloe Well Drilling	2002	Cascading water enters well at approximately 206 feet depth
Top of casing (246.0)	360	Domestic	Active	Oct-00	Floyd V. Wells	1981	Discontinued Feb-01, Resumed monitoring in Nov-04
Top of casing (298.5)	g 460	Domestic	Active	Jun-03	Water Well Supply	1992	Discontinued Feb-05
Top of casing (279.8)	g -	Domestic	Equipped, inactive	Feb-03	:	ŧ	1
Top of sounding tube (234.8)	e 380	Domestic	Active	Oct-00	Water Well Supply	1985	Pump set at 225 feet depth
Top of casing (269.1)	g 365	Domestic / Irrigation	Active	Nov-03	Longwell	1956	Pumping often
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
Top of casing (249.3)	g 210	Domestic	Unequipped	Feb-05	:	;	1
Top of casing (270.1)	8	Domestic	Active	Dec-04	1	ı	1
Top of casing (284.5)	g 257	Domestic	Inactive	May-05	ŧ	:	ł
Concrete slab (237.6)	b 500	Domestic	Inactive	Sep-05	Central Coast	2005	Unimproved lots
Concrete slab (244.8)	500	Domestic	Inactive	Sep-05	Central Coast	2005	Unimproved lots

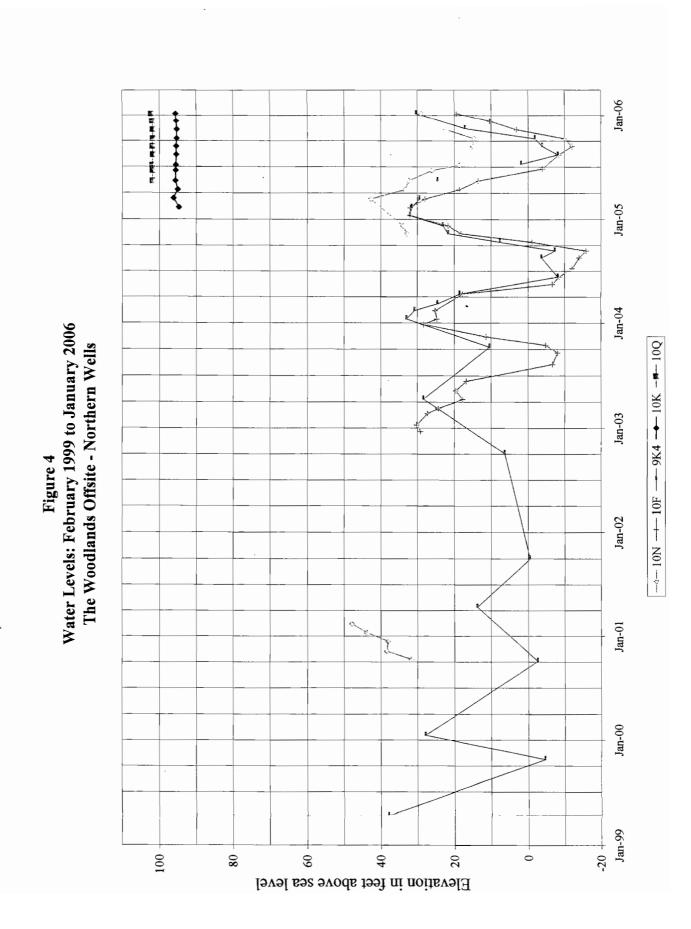
Table 2

Aquifers Penetrated by Woodlands Onsite and Offsite Wells

C		Aquifer	
Common Well Name	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	Х		
11N/35W-10N	_		X
11N/35W-23E1		X	
11N/35W-22G		X	
11N/35W-15G1			X
11N/35W-10R2			X
11N/35W-9K4			X
11N/35W-10K		X	
11N/35W-22H		X	
11N/35W-10Q		Х	
11N/35W-15B3	. X		
11N/35W-15B4	X		







Jan-06 Jan-05 Jan-04 Figure 5 Water Levels: February 1999 to January 2006 The Woodlands Offsite - Northeast Wells -я-15G1 -+-10R2 -л-15B3 -+-15B4 Jan-03 Jan-02 Jan-01 Jan-99 100 80 9 40 20 Elevation in feet above sea level

Copy of document found at www.NoNewWipTax.com

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)

(nom 11/20/05)			
Date	Depth	Water Elev.	Change
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
Z/Z4/W)	197,00	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)

Date	Depth	Water Elev.	Change
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	1 7.99	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
6/2A/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	no access		

Water levels Dawn Well

The Woodlands Onsite

Reference Point:

248.1 feet above sea level

(through 2/15/05)

Reference Point: (from 4/18/05)

(from 4/18/05)			
Date	Depth	Water Elev.	Change
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
2/24/93	212.33	28.77	1.02

Water levels Dawn Well

The Woodlands Onsite

Reference Point: (through 2/15/05)

248.1 feet above sea level

Reference Point:

233.8 feet above sea level

(from 4/18/05)

Date	Depth	Water Elev.	Change
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

Water levels Highway 1 Production Well

The Woodlands Onsite

Reference Point:

Date	Depth	Water Elev.	Change
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	-1.71
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	5 29
5/15/03	220.33	24.07	
6/17/03	229.20	16.10	8.87

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Water levels Highway 1 Production Well

The Woodlands Onsite

Reference Point:

Date	Depth	Water Elev.	Change
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	-8.7 3
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

Water levels Highway 1 Monitoring Well

The Woodlands Onsite

Reference Point:

Date	Depth	Water Elev.	Change
3/2/9 9	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
5/1.5/03	204.20	40.16	3.62
6/17/03	211.25	33.05	7.05

Water levels Highway 1 Monitoring Well

The Woodlands Onsite

Reference Point:

Date	Depth	Water Elev.	Change
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	- 9.2 3
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		

Water levels Homestead Well

The Woodlands Onsite

Reference Point:

Date	Depth	Water Elev.	Change
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
1/13/93	140.22	36.67	4.92
5/15/03	-		

Water levels Homestead Well

The Woodlands Onsite

Reference Point:

Date	Depth	Water Elev.	Change
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		

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

The Woodlands Offsite

*Reference Point:

4/10/99 130.6 37.90 10/26/99 173 -4.50 42.40 1/19/00 140.7 27.80 -32.30 10/5/00 171 -2.50 30.30 4/16/01 154.8 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	
1/19/00 140.7 27.80 -32.30 10/5/00 171 -2.50 30.30 4/16/01 154.8 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	
10/5/00 171 -2.50 30.30 4/16/01 154.8 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	
4/16/01 154.8 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	
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	
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	
4/16/03 140.20 28.30 -22.00 10/13/03 158.10 10.40 17.90	
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	
1/19/05 136.5 32.00 -9.00	
2/16/05 137 31.50 0.50	
3/17/05 139.11 29.39 2.11	
4/19/05 pumping	
5/19/05 144 24.50 4.89	
6/24/05 pumping	
7/17/05 166.6 1.90 22.60	,
8/19/05 176.6 -8.10 10.00	
9/18/05 172.3 -3.80 -4.30	
10/15/05 170.31 -1.81 -1.99	_
11/20/05 151.44 17.06 #REF!	
1/13/06 138.16 30.34 -13.28	

^{*}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-10N

The Woodlands Offsite

Reference Point:

Date	Depth	Water Elev.	Change
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	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	-8.8 5
4/18/05	212.63	33.37	9.35
5/19/05	213.69	32.31	1.06
6/24/05	220	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

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

The Woodlands Offsite

Reference Point:

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	

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

The Woodlands Offsite

Reference Point:

Date	Depth	Water Elev.	Change
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
3/1 4/0 3	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-22H

The Woodlands Offsite

Reference Point:

Date	Depth	Water Elev.	Change
12/14/04	186.2	83.9	
2/15/05	185.71	84.39	-0.49
3/20/0 5	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	185.2	84.9	80.0
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

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

The Woodlands Offsite

Reference Point:

239.41 feet above sea level

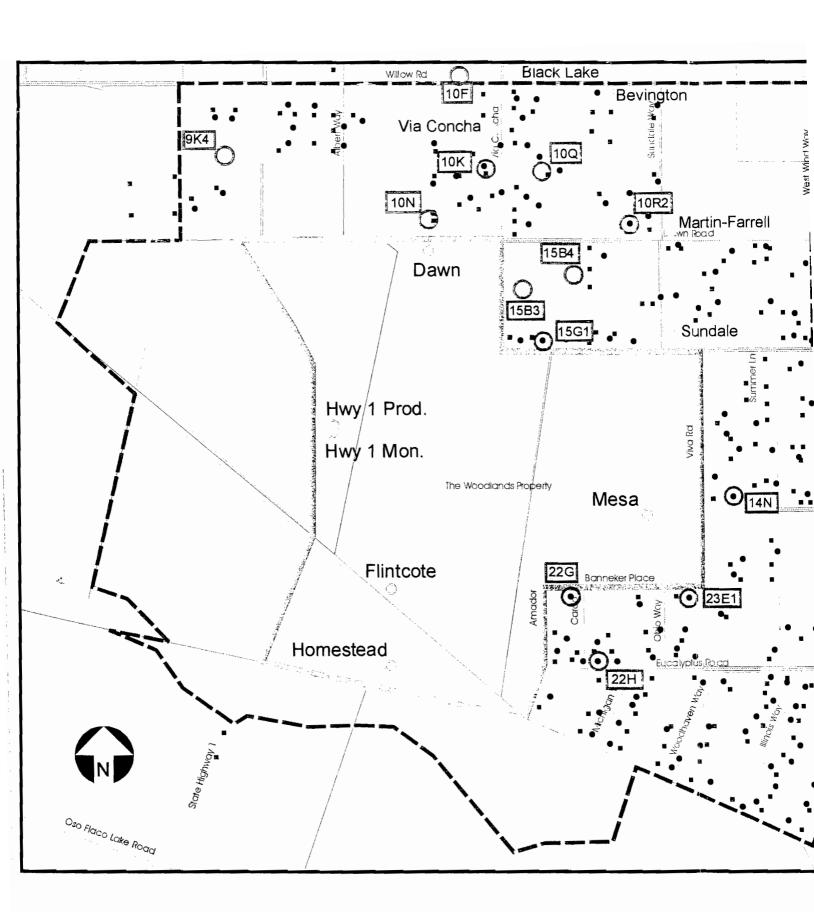
Date	Depth	Water Elev.	Change
9/7/05	232.34	7.07	-
10/15/05	231.58	7.8 3	-0.76
11/16/05	211.76	27.65	-19.82
12/1 7/0 5	207.89	31.52	-3.87
1/13/2006	197	42.41	-10.89

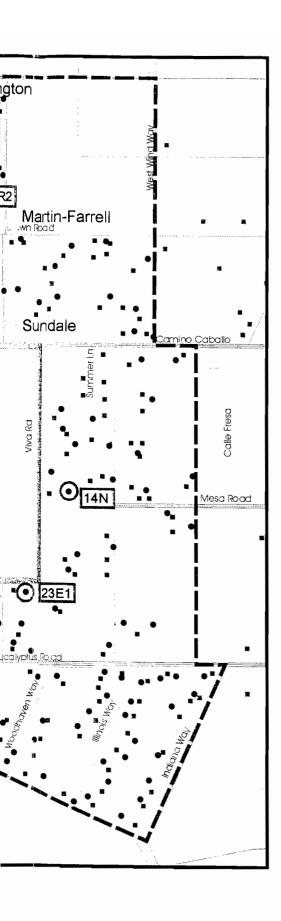
Water levels, Well 11N/35W-15B4

The Woodlands Offsite

Reference Point:

Date	Depth	Water Elev.	Change
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





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 .

Nipomo Community Services

District well

Count Within Impact Area:

Parcels = 115

Houses = 151

Domestic Wells = 132

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

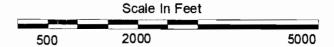
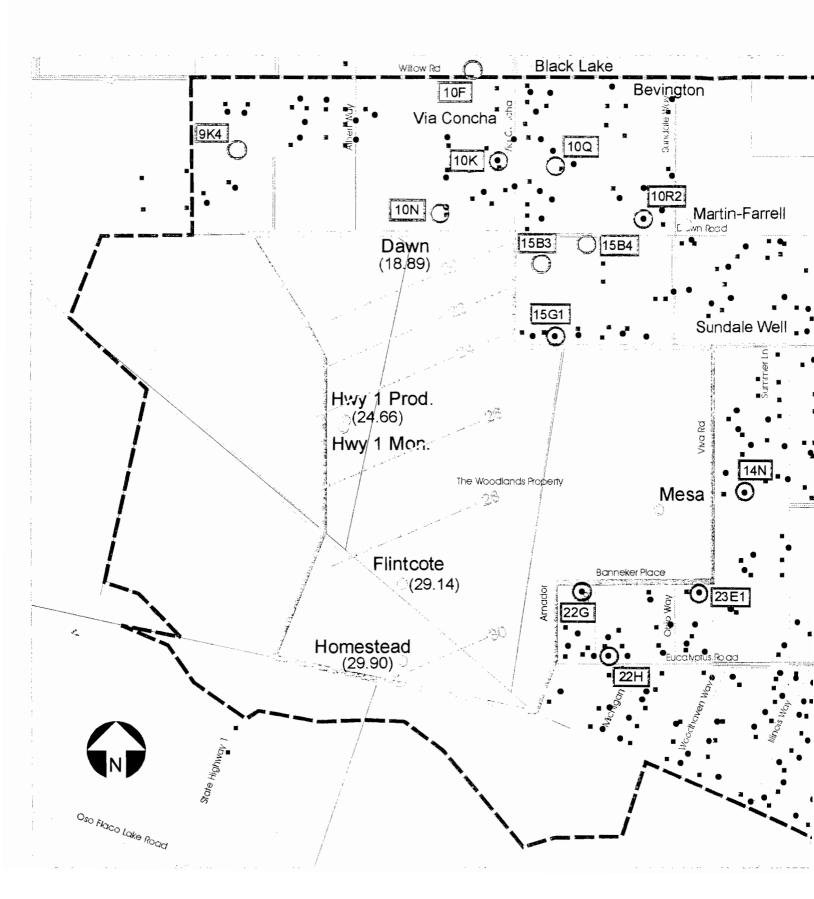


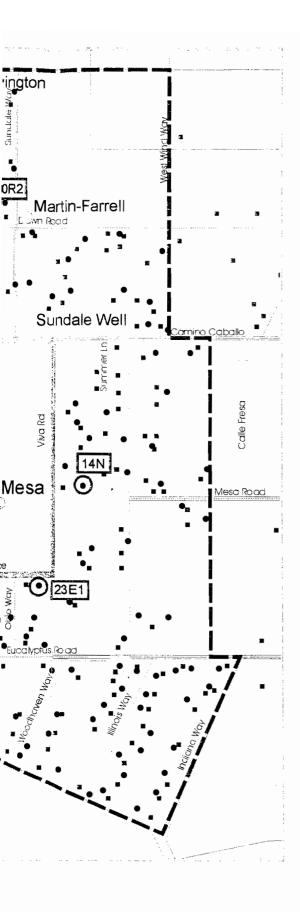
Figure 1

Onsite and Offsite Monitoring Well Location Map

The Woodlands

Cleath & Associates February 2006





EXPLANATION:

Impact Area Boundary

Site Boundary

Parcels with one or more domestic wells

Houses

Domestic Wells (Inferred)

Offsite Monitoring Well Location

Homestead (29.90)

Onsite Monitoring Well Location, ground water elevation in feet above sea level

Nipomo Community Services District Well

Onsite Ground water elevation contour on December 18, 2005, for confined aquifer zones, elevation

in feet above sea level

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

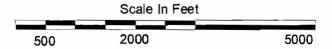


Figure 6

Onsite Ground Water Elevation Contours on December 18, 2005 for Confined Aquifer Zones

The Woodlands

Cleath & Associates February 2006