

## **Appendix B**

Inventory of Downhole Well Videos

Date: 16-Nov-07

Well No.	Well Name	Video Dates										Comments
		#1	Survey	#2	Survey	#3	Survey	#4	Survey	#5	Survey	
2A	El Prado/Park Estates	April 11 1994	No	May 2 1994	No	April 4 1999	Yes	May 19 1999	No			May 19 1999 - Retake
4B	Bell/Marconi	December 15 1989	Yes	September 9 1994	Yes	March 24 1995	No	April 5 1999	No			Sept 9 - 2 page survey
5	Bell/El Camino	March 13 1996	No									
10	Potter/E. Country Club	August 19 1993	No	September 23 1993	No	June 7 1993	No					Aug 19 - Re-veideo & final photo & Sept 23 - Revideo
14	Marconi South/Fulton	July 20 1998	Yes	December 28 1988	Yes	December 15 1989	Yes					
15	San Martin/Bolivar	September 24 1991	No									
18	Riding Club/Ladino	April 4 1997	Yes	August 12 1997	No	October 15 1997	No					
19	Balmoral/Yorktown	September 3 1996	Yes	October 2 1996	Yes							
20A	Watt/Arden	January 14 1998	Yes	February 23 1998	No							
22	West/Becerra	January 31 1997	Yes									
25	Thor/Mercury	June 30 2000	No									
26	Greenwood/Marconi	June 25 1999	No	August 27 1999	No							Aug 27 - Retake
30	Rockbridge/Bowling Green	December 15 1989	Yes	April 29 1990	No	December 17 1996	No	December 30 1996	Yes	February 16 2004	Yes	
32A	Eden/Root	April 11 2003	No									
33A	Auburn/Norris	February 22 2001	No									
34	La Cieniga/Melrose	July 1 1988	Yes	October 4 2007	No							Oct 4- DVD
35	Ulysses/Mercury	March 31 1994	No									
36	Club/Watt (abandoned)	February 3 1995	Yes									
37	Morse/Cottage Park	January 16 1997	Yes	April 4 1997	Yes							
40A	Auburn/Yard	August 25 2000	Yes									
42	Becerra/Marconi	August 4 1993	No									
43	Edison/Truax (dual drive)	February 2 1998	Yes									
44	Gilman/SMUD Station	November 12 1996	Yes	April 27 1999	Yes	December 6 2000	No					
45	Jamestown/Middleberry	July 26 1990	Yes									
47	Copenhagen/Arden (dual drive)	June 21 1996	Yes									
48	Adren/William Pond Rec Area	March 23 1992	No									
49		August 1 1995	No	August 9 1995	No							
50	Columbia/Fair Oaks	December 17 1996	Yes	December 30 1996	No							
52	Weddigen/Gothberg	June 14 2000	Yes	February 11 2005	No	April 1 2005	No					Feb 11 & Apr 1 - DVD, Apr 1 - Re-video
54	North/Root	August 23 1988	Yes	September 12 1988	Yes							
55	Stewart/Lynndale	November 2 1998	No	February 19 1999	Yes	April 14 1999	No					
57	Larchmont/Watt	December 17 1996	No	July 17 1998	Yes	April 5 1999	Yes	October 4 2007	No			Oct 4- DVD
58	Thirty Second/Elkhorn	June 8 1999	Yes	August 17 1999	No							
59	Bainbridge/Holmes School	September 27 2000	Yes	January 20 2004	No							
60	Whitney/Concetta	March 9 2000	No									
66	Eastern/Woodside Church	December 17 1996	No									
67	El Camino/Eastern	December 15 1989	Yes	August 15 1990	No	May 14 1998	No	July 20 1998	Yes			
71	Rodney T Franz	October 17 1998	No	October 17 1998	Yes	January 27 2003	No					
72	River Walk/NETP	July 16 2004	Yes	December 8 2006	No	February 13 2007	No					
75	Enterprise/Northrop	June 11 1999	Yes	October 5 2000	No	December 26 2002	No					
MC-C3	Capehart	January 25 2000	No	February 18 2000	No							
N1	Evergreen	February 22 1983	Yes									
N3	Engle	April 9 2003	No	NO DATE	No							
N5	Hillsdale	March 13 1995	No									
N6	Palm	March 4 1985	No	Jun-85	No	October 16 1991	No					
N7	Rosebud	October 16 1984	No	April 11 995	No	May 24 1995	No					
N8	Field	May 28 1981	no									
N9	Cameron	September 9 1992	Yes	September 25 1992	Yes							
N10	Walnut	November 5 1979	No	February 14 1980	No							Both Dates on Same Video
N11	Diablo	September 125 1989	Yes									
N12	St. Johns	May 13 1982	No	June 1 1982	No	March 31 2003	No					May 13 & Jun 1 on same video
N15	Cabana	NO DATE	No	NO DATE	No							

N18	McCloud	December 23 1987	No	April 19 1988	Yes	March 24 1981	No	December 29 1993	No			
N22	River College	December 7 2000	No	November 13 2000	No	December 10 2000	No					
N23	Freeway	March 28 1997	No	April 7 1997	No							
N25	Sutter	February 20 1991	No									
N26	Monument	1993	No	March 7 1994	No							
N27	Jamestown	August 14 2000	No									
N28	Oakbrook	April 4 1988	Yes	June 28 1988	Yes	August 16 1988	Yes	June 24 1996	No	July 2 1996	No	
N29	Merrihill	March 10 1992	Yes	April 7 1992	Yes							
N30	Parkoaks	Feb-87	No	May 5 2006	No	June 2 2006	No	July 27 2006	No	November 11 1989	No	May 5, Jun 2 & July 27 - DVD
N32	Poker	July 18 2003	No									
N33	Walerga	June 21 2004	No	June 1 2004	No	June 18 2004	No	June 16 2004	No			
N35	North Antelope	March 8 2001	No									
G	American River	April 25 1996	No	April 25 1996	No							
M		July 4 1988	Yes	August 13 1996	No	August 13 1996	No					
C		July 14 1989	No									
A-C-M		August 20 1996	No	August 19 1998	No							
63	Well A,C,G	July 11 1988 C	No	March 23 1989-A, G	No	June 2 1989 -G,C	No					
J		July 11 1988	Yes									
I		July 11 1988	Yes									
	Panorama	December 6 2006	No									DVD
	Hackerry Abandonment	October 3 2006	No									DVD
<b>Other:</b>												
Testing on Sounding at American River												
Antelope Reservoir Inspection												
Antelope Reservoir Saf-T-Clims Installation												
Watt/Elkhorn Reservoir Clean												
Inspection of Watt-Elkhorn 5 mg Steel Tank												
Antelope Reservoir												



# Well Decommission Survey Form

## Well Identification

Name:

DPH PS Code:

Number:

APN Number:

Parcel Map Attachments:  A  B  C  D  E

Photograph Attachments:  A  B  C  D  E

Comments:

## Well Status Data

DPH Status:  Active  Inactive  Standby  Abandoned  Destroyed

Year Taken Out of Service:

Electric service: Disconnected:  Yes  No

Gas service: Disconnected:  Yes  No

Comments:

## Well Construction Data

Drilling Date:

Drilling Log No:

In Service Date:

Drilling Method: Rotary:

Reverse Rotary:

Cable:

Other:

Well Depth:

Casing Size:

Type:

Sanitary Seal:  Yes  No

Depth:

Casing Size:

Type:

Sealing Method:

Perforations:  Yes  No

Size:

Type:

Section 1: to

Section 2: to

Section 3: to

Section 4: to

Section 5: to

Section 6: to

Exhibit Attachments:  A  B  C  D  E

Well Decommission Survey – Well 44

**Well Construction Data (Con't)**

Pump Efficiency Data:  Yes  No

Date of Last Test:

Standing Water Level:

Pumping Water Level:

Test 1:  
Test 2:

Yield:  
Yield:

% Efficiency:  
% Efficiency:

Exhibit Attachments:  A  B  C  D  E

**Well and Well Site Issues**

**Production Issues:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments:

**Water Quality Issues :**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments:

**Accessibility Issues:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments:

**Parcel Size Issues:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments:

**Easement Issues:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments:

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**Potential Reuse Options for Well and Well Site**

**Recharge Well:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments:

**Monitoring Well:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments:

**Redevelopment Site:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments:

**Recommendations**

Abandon Well:

Destroy Well:

Retain Well for: Redevelopment

Recharge

Monitoring

Comments:

Superintendent Production: \_\_\_\_\_ Date: \_\_\_\_\_

Manager Field Operations: \_\_\_\_\_ Date: \_\_\_\_\_

Assistant General Manager: \_\_\_\_\_ Date: \_\_\_\_\_



# Well Decommission Survey Form

## Well Identification

Name: **Gilman / SMUD** DPH PS Code: **3410001-138**  
 Number: **44** APN Number: **218-0054-019-0000**

Parcel Map Attachments:  A  B  C  D  E

Photograph Attachments:  A  B  C  D  E

Comments: **This well is located in the North Service Area and was constructed in 1957 at the rear of 6048 Gilman Way, adjacent to property of Southern Pacific Railroad.**

## Well Status Data

DPH Status:  Active  Inactive  Standby  Abandoned  Destroyed

Year Taken Out of Service: **2001**

Electric service: Disconnected:  Yes  No Gas service: Disconnected:  Yes  No

Comments: **SMUD and PG&E connections will be terminated before well destruction project commences.**

## Well Construction Data

Drilling Date: **1957** Drilling Log No: **2612** In Service Date: **N/A**

Drilling Method: Rotary:  Reverse Rotary:  Cable:  Other:

Well Depth: **575'** Casing Size: **14"** Type: **Steel**

Sanitary Seal:  Yes  No Depth: **53'** Casing Size: **30"**  
 Type: **Steel** Sealing Method: **Cement**

Perforations:  Yes  No Size: **3/16"** Type: **Machine Cut Slots**

**Section 1:** 195' to 495'  
**Section 2:** 540' to 570'  
**Section 3:** to  
**Section 4:** to  
**Section 5:** to  
**Section 6:** to

Exhibit Attachments:  A  B  C  D  E

**Well Construction Data (Con't)**

Pump Efficiency Data:  Yes  No

Date of Last Test: **August 13, 1998**

Standing Water Level: **158.7'**

Pumping Water Level: **166.2'**

Test 1: **566 gpm @ 60psi**      Yield: **83.2 gpm/ft**      % Efficiency: **51.2%**  
Test 2: **701 gpm @ 70psi**      Yield: **89.3 gpm/ft**      % Efficiency: **58.0%**

Exhibit Attachments:  A  B  C  D  E

**Well and Well Site Issues**

**Production Issues:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments: **Due to sand and gravel pack intrusion, the production capacity was reduced. The Well casing failure has not been resolved. Therefore, the well would continue to produce these intrusions. See Attachment E for correspondence from M.E. Seebeck & Sons, Inc.**

**Water Quality Issues:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments: **Sand gravel pack intrusion.**

**Accessibility Issues:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments: **Proper access to this facility has been an ongoing problem. See comments under Easements below.**

**Parcel Size Issues:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments: **This facility is very small and is surrounded by the property of an adjacent parcel.**

**Easement Issues:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments: **The legal ROW easement was never paved and has never been used. The access route currently being used by District staff is a dirt road over private property which becomes impassable in wet weather.**



**Potential Reuse Options for Well and Well Site**

**Recharge Well:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments: **Easement, accessibility and location of parcel make this a poor choice as a recharge well.**

**Monitoring Well:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments: **This facility is very small and is surrounded by the property of an adjacent parcel. Also, SGA currently has a sufficient number of monitoring wells for data collection in the area.**

**Redevelopment Site:**  Yes  No

Exhibit Attachments:  A  B  C  D  E

Comments: **The legal ROW easement was never paved and has never been used. The access route currently being used by District staff is a dirt road over private property which becomes impassable in wet weather.**

**Recommendations**

Abandon Well:

Destroy Well:

Retain Well for: Redevelopment  Recharge  Monitoring

Comments: **The well pump has been pulled and well is now in a temporary abandoned status. Staff recommends the destruction of this well and sale of the property for the following reasons: Staff believes that any further attempts to rehabilitate and/or upgrade this facility would not be cost effective. Extensive rehabilitation work done in 2001 served only to reduce the overall capacity of the well from 750gpm to 500gpm and there is evidence again of well casing failure at the top of the newly installed 12" liner at a depth of 482'. Easement and accessibility problems, especially during rainy periods, make this site a poor candidate for redevelopment and or recharge purposes. In addition, the installation of new transmission mains, larger capacity wells, a 5 MG reservoir with booster station and surface water availability in the North Highlands area still allow peak demands to be met without this well.**

Superintendent Production: \_\_\_\_\_ Date: \_\_\_\_\_

Manager Field Operations: \_\_\_\_\_ Date: \_\_\_\_\_

Assistant General Manager: \_\_\_\_\_ Date: \_\_\_\_\_