

Appendix C



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:

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: _____