

**SOIL/SITE EVALUATION  
 for ON-SITE WASTEWATER SYSTEM**

Owner: 07-502 17629

Applicant:

Address:

Date Evaluated: 6-1-07

Proposed Facility: SFO

Design Flow (.1949): 360

Property Size: .449

Location of Site: NCA7

Property Recorded:

Water Supply:  Public  Individual  Well  Spring  Other

Evaluation Method:  Auger Boring  Pit

Cut

Type of Wastewater:  Sewage  Industrial Process

Mixed

| P<br>R<br>O<br>F<br>I<br>L<br>E<br># | 1940<br>Landscape<br>Position/<br>Slope% | SOIL MORPHOLOGY<br>.1941  |                               | OTHER<br>PROFILE FACTORS           |                                   |                             |                         | Profile<br>Class<br>& LTAR |                          |
|--------------------------------------|--|---------------------------|-------------------------------|------------------------------------|-----------------------------------|-----------------------------|-------------------------|----------------------------|--------------------------|
|                                      |  | Horizon<br>Depth<br>(IN.) | 1941<br>Structure/<br>Texture | 1941<br>Consistence/<br>Mineralogy | 1942<br>Soil<br>Wetness/<br>Color | 1943<br>Soil<br>Depth (IN.) | 1968<br>Saprot<br>Class |                            | 1948<br>Restr.<br>Horiz. |
|                                      |  |                           |                               |                                    |                                   |                             |                         |                            |                          |
| A                                    | 25                                       | 0-21                      | CR SL                         | VFA +                              |                                   |                             |                         |                            | .5                       |
|                                      |  | 2-13                      | SH SL                         | FR +                               |                                   |                             |                         |                            |                          |
| B                                    | 6%                                       | 0-18                      | CR SL                         | VFA +                              |                                   |                             |                         |                            | .4                       |
|                                      |  | 18-24                     | SH SL                         | FR +                               |                                   |                             |                         |                            |                          |
|                                      |  | 24-38                     | SH SL                         | FR                                 |                                   |                             |                         |                            |                          |
| C                                    |  | 0-18                      | CR SL                         | VFA +                              |                                   |                             |                         |                            | .4                       |
|                                      |  | 18-24                     | SH SL                         | FR +                               |                                   |                             |                         |                            |                          |
|                                      |  | 24-32                     | SH SL                         | FR SL                              |                                   |                             |                         |                            |                          |
| D                                    |  | 0-18                      | CR SL                         | VFA +                              |                                   |                             |                         |                            | .4                       |
|                                      |  | 18-24                     | SH SL                         | FR +                               |                                   |                             |                         |                            |                          |
|                                      |  | 24-32                     | SH SL                         | FR SL                              |                                   |                             |                         |                            |                          |
| E                                    |  | 0-12                      | CR SL                         | VFA +                              |                                   |                             |                         |                            | .7                       |
|                                      |  | 12-18                     | SH SL                         | FR +                               |                                   |                             |                         |                            |                          |
|                                      |  | 18-32                     | SH SL                         | FR SL                              |                                   |                             |                         |                            |                          |

| Description             | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | ⊗              | ✓             |
| System Type(s)          | 256            | 48            |
| Site LTAR               | 1.7            | .25           |

Other Factors (.1946): \_\_\_\_\_  
 Site Classification (.1948): \_\_\_\_\_  
 Evaluated By: \_\_\_\_\_  
 Others Present: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

| <u>LANDSCAPE POSITIONS</u> | <u>GROUP</u> | <u>TEXTURES</u>      | <u>.1955 LTAR</u> | <u>CONSISTENCE MOIST</u>       | <u>WET</u>                           |
|----------------------------|--------------|----------------------|-------------------|--------------------------------|--------------------------------------|
| R-RIDGE                    | I            | S-SAND               | 1.2 - 0.8         | VFR-VERY FRIABLE<br>FR-FRIABLE | NS-NON-STICKY<br>SS-SLIGHTLY STICKY  |
| S-SHOULDER SLOPE           |              | LS-LOAMY SAND        |                   |                                |                                      |
| L-LINEAR SLOPE             | II           | SL-SANDY LOAM        | 0.8 - 0.6         | FI-FIRM<br>VFI-VERY FIRM       | S-STICKY<br>VS-VERY STICKY           |
| FS-FOOT SLOPE              |              | L-LOAM               |                   |                                |                                      |
| N-NOSE SLOPE               | III          | SI-SILT-             | 0.6 - 0.3         | EFI-EXTREMELY FIRM             | NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY |
| H-HEAD SLOPE               |              | SIL-SILT LOAM        |                   |                                |                                      |
| CC-CONCLAVE SLOPE          |              | CL-CLAY LOAM         |                   |                                |                                      |
| CV-CONVEX SLOPE            |              | SCL-SANDY CLAY LOAM  |                   |                                |                                      |
| T-TERRACE                  |              | SICL-SILTY CLAY LOAM |                   |                                |                                      |
| FP-FLOOD PLAN              | IV           | SIC-SILTY CLAY       | 0.4 - 0.1         |                                |                                      |
|                            |              | C-CLAY               |                   |                                |                                      |
|                            |              | SC-SANDY CLAY        |                   |                                |                                      |

**STRUCTURE**  
 SG-SINGLE GRAIN  
 M-MASSIVE  
 CR-CRUMB  
 GR-GRANULAR  
 SBK-SUBANGULAR BLOCKY  
 ABK-ANGULAR BLOCKY  
 PL-PLATY  
 PR-PRISMATIC

**MINERALOGY**  
 SLIGHTLY EXPANSIVE  
 EXPANSIVE

Show profile locations and other site features (dimensions, reference or benchmark, and North).

