COUNTY OF LA...
HEALTH SERVICES DEPARTMENT
Division of Environmental Health
Lakeport:
922 Bevins Court, Lakeport, CA 95453-9739
Telephone 707/ 263-1164 FAX: 263-1681
Lower Lake:
16185 Main Street, Lower Lake, CA 95457
Telephone 707/ 994-2257 FAX: 994-8950

K...n Lincoln PHN, MA
Health Services Director

Raymond Ruminski, R.E.H.S.
Environmental Health Director

May 3, 2001

Ken Gifford
P.O. Box 153
Cobb, CA 95426

RE: 051-281-01, Parcel ~~#1~~ 2

Dear Mr. Gifford:

I have completed a soil study of the above referenced property for an On-Site Sewage Disposal System in the area that you indicated. The test pit excavations should be back-filled without delay. On the basis of this study the site appears suitable for on-site sewage disposal. Approval of the permit to install is contingent on the size of system and proposed layout of the lot. A copy of the study is attached and the results are as follows:

This site has been approved for a Standard Septic System.

94 lineal feet of drainfield line will be required per bedroom or 150 gallons of flow. This is to be an equal or serial distribution system. Trench depth is not to exceed 30 inches nor be shallower than 30 inches with 12 inches total rock.

LOW FLUSH TOILETS OF 1.6 GALLONS OR LESS REQUIRED.

Maintain 25' setback from intermittent streams.

Drainfields must be installed on contour in the area as shown on the attached Report of Evaluation. Drainfield installation is not permitted on ground that has been altered by cutting or filling.

Any person other than the property owner must be licensed by the State of California to install and/or construct a septic system. A construction permit must be obtained from this office prior to installation of this system.

Please feel free to contact this office at (707) 263-1164 if you should have any additional questions regarding this report.

Sincerely,

Patricia A. Levine

Patricia A. Levine, R.E.H.S.
Registered Environmental Health Specialist

MEMO

To: Richard Coel, Assistant Planner

From: Patricia Levine, Land Use Specialist

RE.: Parcel Map Application PM 98-04, IS 98-27
APN 051-281-01

Date: May 3, 2001

This department has completed a site evaluation for each of the three proposed parcels. The soil appears suitable for on-site sewage disposal, and the parcels individually have been approved for standard septic systems.

We have no further requirements of the applicant regarding this proposal.

SITE EVALUATION REPORT

Applicant Name: Ken Gifford Evaluator: P. Levine
APN: 051-281-01 parcel #12 Date: 5/1/01

Pit # 1 Depth: 0-19"
Rock Fragments: (<15%) 15%-30% >35%
Texture: SiCl
Color: (Matrix) 5YR 4/4
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak (moderate) strong
Type - gr pl pr cpr abk (sbk)
Consistence: wet - stickiness so ss (s) vs
plasticity po ps p (vp)
Roots: few common (many)
very fine fine medium coarse
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c (g) d
Topography: s (w) l h
Groundwater - Depth: actual
predicted
Common Fine, Med pores

Pit # 1 Depth: 19-70"
Rock Fragments: (<15%) 15%-30% >35%
Texture: SiCl
Color: (Matrix) 5YR 4/6
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak moderate (strong)
Type - gr pl pr cpr abk (sbk)
Consistence: wet - stickiness so ss (s) vs
plasticity po ps p (vp)
Roots: (few) common many
very fine (fine) (medium) (coarse)
to 60" .1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c g d
Topography: s w l h
Groundwater - Depth: actual
predicted
Common VF- pores
20% glazing below 45"

Pit # Depth:
Rock Fragments: <15% 15%-30% >35%
Texture:
Color: (Matrix)
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak moderate strong
Type - gr pl pr cpr abk sbk
Consistence: wet - stickiness so ss s vs
plasticity po ps p vp
Roots: few common many
very fine fine medium coarse
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c g d
Topography: s w l h
Groundwater - Depth: actual
predicted

Pit # 2 Depth: 0-40"
Rock Fragments: <15% (15%-30%) >35% 25% Cobbles
Texture: Clay Loam
Color: (Matrix) 5YR 3/4
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - (weak) moderate strong
Type - gr pl pr cpr abk (sbk)
Consistence: wet - stickiness so (ss) s vs
plasticity po ps (p) vp
Roots: few common (many)
very fine fine medium (coarse)
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c (g) d
Topography: s (w) l h
Groundwater - Depth: actual
predicted
Common fine med pores

Pit # 2 Depth: 40-67"
Rock Fragments: <15% (15%-30%) >35% 15% cobbles
Texture: Clay Loam
Color: (Matrix) 5YR 3/4
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak (moderate) strong
Type - gr pl pr cpr abk sbk
Consistence: wet - stickiness so (ss) s vs
plasticity po ps (p) vp
Roots: few common many
very fine (fine) medium coarse
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c g d
Topography: s w l h
Groundwater - Depth: actual
predicted
Common VF- pores

Pit # Depth:
Rock Fragments: <15% 15%-30% >35%
Texture:
Color: (Matrix)
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak moderate strong
Type - gr pl pr cpr abk sbk
Consistence: wet - stickiness so ss s vs
plasticity po ps p vp
Roots: few common many
very fine fine medium coarse
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c g d
Topography: s w l h
Groundwater - Depth: actual
predicted

Slope 12-29% Aspect S.
Other Site Notes Manzanita, Douglas Fir, oak, ponderosa

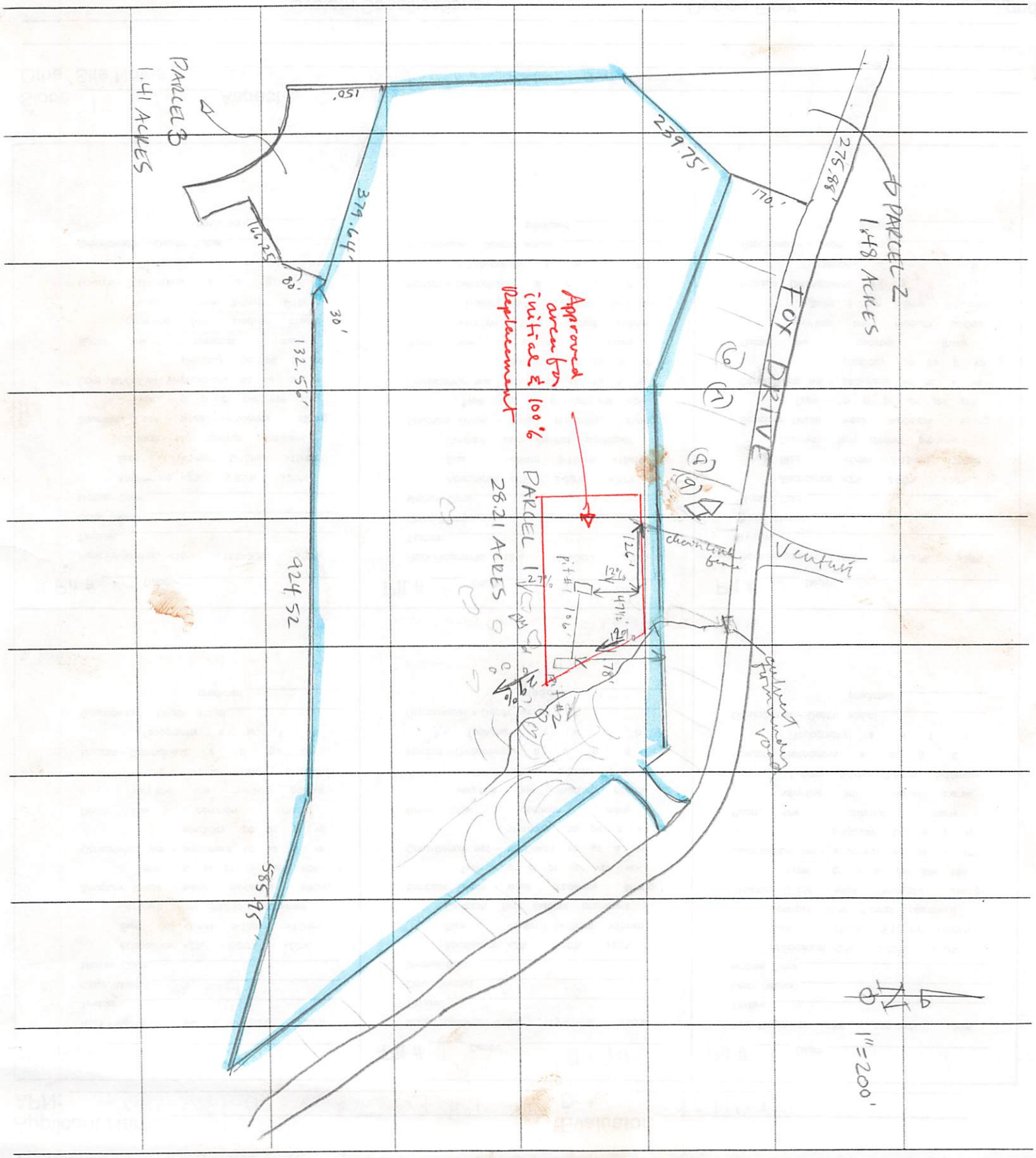
System Specifications Design Flow ____ gpd
Initial Standard System Size 94 / 150 q Maximum Depth Absorption Facility (in) 30"
Replacement Standard System Size 94 / 150 q Maximum Depth Absorption Facility (in) 30"
Special Conditions
Maintain 50' from intermittent streams.

ON006

SITE EVALUATION REPORT

Applicant Name: Ken G[illegible] Evaluator: [illegible]vine

APN: 051-281-01 Parcel #1 Date: 5/1/01



SITE EVALUATION REPORT

Applicant Name: Ken Gifford Evaluator: P. Levine
APN: 051-281-01 Parcel #1 Date: 5/1/01

Pit # 1 Depth: 0-19"

Rock Fragments: (<15%) 15%-30% >35%
Texture: SiCl
Color: (Matrix) 5YR 4/4
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak (moderate) strong
Type - gr pl pr cpr abk (sbk)
Consistence: wet - stickiness so ss (s) vs
plasticity po ps p (vp)
Roots: few common (many)
(very fine fine medium coarse)
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c (g) d
Topography: s (w) l h
Groundwater - Depth: actual
predicted

Common Fine, Med pores

Pit # 1 Depth: 19-70"

Rock Fragments: (<15%) 15%-30% >35%
Texture: SiCl
Color: (Matrix) 5YR 4/6
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak moderate (strong)
Type - gr pl pr cpr abk (sbk)
Consistence: wet - stickiness so ss (s) vs
plasticity po ps p (vp)
Roots: (few) common many
very fine (fine) (medium) (coarse)
to 60" .1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c g d
Topography: s w l h
Groundwater - Depth: actual
predicted

Common VF pores
20% glazing below 45"

Pit # ____ Depth:

Rock Fragments: <15% 15%-30% >35%
Texture:
Color: (Matrix)
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak moderate strong
Type - gr pl pr cpr abk sbk
Consistence: wet - stickiness so ss s vs
plasticity po ps p vp
Roots: few common many
very fine fine medium coarse
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c g d
Topography: s w l h
Groundwater - Depth: actual
predicted

Pit # 2 Depth: 0-40"

Rock Fragments: <15% (15%-30%) >35% 25% cobbles
Texture: Clay Loam
Color: (Matrix) 5YR 3/4
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - (weak) moderate strong
Type - gr pl pr cpr abk (sbk)
Consistence: wet - stickiness so (ss) s vs
plasticity po ps (p) vp
Roots: few common (many)
(very fine fine medium coarse)
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c (g) d
Topography: s (w) l h
Groundwater - Depth: actual
predicted

Common Fine Med pores

Pit # 2 Depth: 40-67"

Rock Fragments: <15% (15%-30%) >35% 15% cobbles
Texture: Clay Loam
Color: (Matrix) 5YR 3/4
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak (moderate) strong
Type - gr pl pr cpr abk sbk
Consistence: wet - stickiness so (ss) s vs
plasticity po ps (p) vp
Roots: few common many
very fine (fine) medium coarse
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c g d
Topography: s w l h
Groundwater - Depth: actual
predicted

Common VF pores

Pit # ____ Depth:

Rock Fragments: <15% 15%-30% >35%
Texture:
Color: (Matrix)
Mottles: Color
Abundance: <2% 2-20% >20%
Size <5mm 5-15mm >15mm
Contrast: faint distinct prominent
Structure: Grade - weak moderate strong
Type - gr pl pr cpr abk sbk
Consistence: wet - stickiness so ss s vs
plasticity po ps p vp
Roots: few common many
very fine fine medium coarse
.1-.5mm .5-2mm 2-5mm 5-10mm+
Horizon - Distinctness: a c g d
Topography: s w l h
Groundwater - Depth: actual
predicted

Slope 12-29% Aspect S.
Other Site Notes Manzanita, Douglas Fir, oak, ponderosa

System Specifications Design Flow ____ gpd
Initial Standard System Size 94 / 150 q Maximum Depth Absorption Facility (in) 30"
Replacement Standard System Size 94 / 150 q Maximum Depth Absorption Facility (in) 30"
Special Conditions
Maintain 50' from intermittent Stream