COUNTY OF LAKE
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

Ruth Lincoln PHN, MA
Health Services Director

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

May 19, 2004

Jerry Bracker
131 Vine Crest Circle
Windsor, CA 95492

RE: 430-102-13
5677 Ponca Way, Kelseyville

Dear Mr. Bracker:

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 an Alternative Seepage Trench System.

A minimum of 83 lineal feet of drainfield line will be required per bedroom or 150 gallons of flow. Trench depth is not to exceed 36 inches nor be shallower than 36 inches with 24 inches total rock.

LOW-FLUSH TOILETS OF 1.6 GALLONS OR LESS REQUIRED.

Soil test pits were dug to 40" and 48". Leach line trench length may be reduced if effective soil at least 60" deep can be demonstrated.

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,

Raymond Ruminski
Environmental Health Director

SITE EVALUATION REPORT

Applicant Name: Jerry Bucker Evaluator: Raymond Rumiński
APN: 430 - 102 - 13 Date: 5 May 2004

Pit # 1 Depth: 0 – 24"

Rock Fragments: <15% 15%-30% >35%
Texture: clay loam
Color: (Matrix) 7.5YR 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 b
Groundwater - Depth: actual
predicted

Pit # 1 Depth: 24" – 40

Rock Fragments: <15% 15%-30% >35%
Texture: silty clay loam
Color: (Matrix) 7.5YR 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 b
Groundwater - Depth: actual
predicted N/A
very dense

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 b
Groundwater - Depth: actual
predicted

it # 2 Depth: 0 – 24"

Rock Fragments: <15% 15%-30% >35%
Texture: clay loam
Color: (Matrix) 7.5YR 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 b
Groundwater - Depth: actual N/A
predicted

Pit # 2 Depth: 24" – 48"

Rock Fragments: <15% 15%-30% >35%
Texture: silty clay loam
Color: (Matrix) 7.5 YR 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 b
Groundwater - Depth: actual
predicted N/A
very dense

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 b
Groundwater - Depth: actual
predicted

pe ~ 20% Aspect S. downslope from street

er Site Notes large stones and boulders on ground surface
lot cleared of dense brush

tem Specifications _____ Design Flow _____ and _____

al AOT System Size 83 LF / 150 q Maximum Depth Absorption Facility (in) 36"

lacement AOT System Size 83 / 150 q Maximum Depth Absorption Facility (in) 36"

cial Conditions 24" total rock depth
Soil test pits were dug to 40" and 48". Leach line trench length
may be reduced if effective soil at least 60" deep
can be demonstrated.

APPLICANT: Jerry Brazier EVALUATOR: Raymond Rumiński

APN: 430-102-13 DATE: 5 MAY 2004