

RGH

GEOTECHNICAL and
ENVIRONMENTAL
CONSULTANTS

Gary W. Russey
Keith S. Gregory
Juan B. Hidalgo

Mr. James Maize
c/o Mr. Craig Roland
5441 Buttercup Drive
Santa Rosa, CA 95404

April 17, 1996

RE: Geologic Evaluation
Leachfield Site
4700 Bennett Valley Road
APN049-170-025
Santa Rosa, California

Job Number: 1239.01.01.1

Dear Mr. Maize,

This letter summarizes the results of our geologic evaluation of the proposed leach field site for the subject property. We understand that the planned construction will consist of a single-family, wood-frame residence. Sewage will be treated and disposed of by a septic tank and a leach field. The leach field will be located on a relatively level to gently sloping spur ridge. The site corresponds to the area shown on a Tentative Map prepared by Lescure Engineers. The purpose of our work was to evaluate slope stability conditions at the proposed leach field area.

WORK PERFORMED

We reviewed selected published and unpublished geologic data including:

1. Geologic Map of California; California Division of Mines and Geology (DMG), 1975.
2. Special Report 120; California Division of Mines and Geology, 1980.
3. Alquist-Priolo Earthquake Fault Zone Maps prepared by California Division of Mines and Geology.
4. Topographic maps provided by Lescure Engineers.
5. RGH Geotechnical Investigation, Planned Maize Residence, 4700 Bennett Valley Road, Santa Rosa, California.

On April 16, 1996, our Registered Geologist visited the site to observe slope conditions within the proposed leach field site, and soil and bedrock exposed in previously excavated test pits, and out crops and cut banks in the site vicinity.

SITE CONDITIONS

The proposed leach field site is located in a relatively level to gently sloping spur ridge. Published geologic maps of the area (SR 120, 1980) indicate the site is underlain by Tertiary age Sonoma Volcanics bedrock. Our previous investigation, reconnaissance and observation of adjacent road cuts and previously excavated test pits indicates the leach field site is underlain by bedrock. We did not observe evidence of landsliding within the site during our reconnaissance.

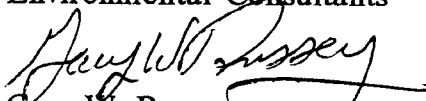
CONCLUSIONS AND RECOMMENDATIONS

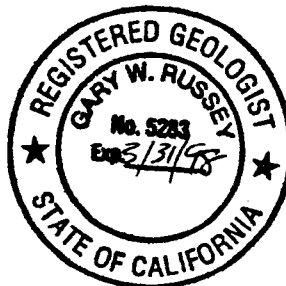
Based upon our review and, since the site is underlain by topsoils and residual soils overlying bedrock and the site is relatively level to gently sloping, we judge that likelihood of slope instability resulting from percolation of effluent within the leach field site is very low.

We trust this provides the information you require at this time. If you have questions please call.

Very truly yours,

RGH Geotechnical and
Environmental Consultants


Gary W. Russey
Registered Geologist - 5283



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Three Copies Submitted