

May 19, 1998
13:21:25

For : CATHY GRAVES

APN: 06132144

APPLICATION NO. : 98-0121

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Environmental Health Completness

EHS has the following comments after reviewing C+D's Preliminary Project Report for an off-site sanitary sewer system to serve the Graham Hill Estates housing development:

- 1) The line and siphon under the River should be sized to accomodate sewage from the Greater Pasatiempo area, if such a project is pursued at a later date. The impact of a larger project would be evaluated at the time that it is pursued.
- 2) What is the depth of the proposed directional borehole that would be drilled underneath the San Lorenzo River? Would the proposed wastewater pipeline remain intact during a very strong earthquake at this underground section of the line?

Environmental Health Miscellaneous

EHS supports this project and believes that it provides a better means of sewage disposal.

Project Review Completeness Comments

NO COMMENT

Project Review Miscellaneous Comments

This project is subject to CEQA. Whyen an Initial Study is prepared the Environmental Coordinator will determine if a Supplemental EIR is required or if this project can be issued a Negative Declaration. The Initial Study should' discuss impacts/potential impacts within both the City and County jurisdiction. City Public Wrks Department staff should be consulted to assist in the preparation of the Initial Study. The primary environmental concerns within the County jurisdiction are: 1. The effect of traffic detours on Graham Hill Road during project construction(discuss this issue with Road PLanning and Engineering Section of County Public Wrks) 2. Possible damage to existing underground utilities in Graham Hill Road during trenching work for the project (contact Underground System Alert, AKA "USA" for assistance on this issue) and 3. Adequate repaving and restriping of Graham Hill Road after construction. Environmental issues within the City's jurisdiction are more complex and will need more detailed analysis. They are: 1. Proposed amount of tree removal on the Peter Pethoe parcel 2. Erosion a nd slope stability on the steep sloping portion of the

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wastewater line route (Erosion control is actually addressed quite well on page 4 of the Creegan and D'Angelo report).
3. Protection of riparian habitat where the wastewater line is proposed to cross under the river. 4. The adequacy of slant drilling and adequate functioning of the syphon system at the under crossing. The C+D report discusses why the wastewater from Graham Hill Estates will not impact the capacities of the City's sewer lines or sewage treatment. While this issue is well documented in the report, this information should be verified with the City and included in the Initial Study. I would expect the capacity issue to be of primary interest to any city resident that would review this (yet to be prepared) Initial Study.

COUNTY OF SANTA CRUZ**ATTACHMENT 7****INTER-OFFICE CORRESPONDENCE****DATE:** July 27, 1998**TO:** Cathy Graves, Planning Department**FROM:** John Presleigh, Department of Public Works **SUBJECT:** APPLICATION TO AMEND PERMIT FOR GRAHAM HILL SHOWGROUNDS SUBDIVISION -
TRANSPORTATION IMPACTS FOR THE CONSTRUCTION OF AN ALTERNATIVE SEWAGE
DISPOSAL SYSTEM

The Department of Public Works Traffic and Road Planning Engineering has reviewed the proposed application for the construction of an alternative sewage disposal system along the County's roadway for the Graham Hill Showgrounds Subdivision and has the following comments regarding its impact on our maintained right of way.

1. We have concerns about the placement of an eight-inch sewer line down the center of the Graham Hill Road roadway. At this time, the City of Scotts Valley's sewage transmission line, the City of Santa Cruz's water line, and other miscellaneous utilities are located within or along this roadway. We therefore request confirmation that County Environmental Health has considered whether this sewer line should be designed to accommodate the surrounding communities that include the Carbonera and Pasatiempo areas, in addition to the proposed subdivision. Given that the Carbonera and Pasatiempo areas have a tremendous problem with high groundwater tables, in time, there will likely be the need to serve these areas with a sewer system. Therefore, we ask that full consideration be given to addressing the correct sizing of the sewer line at this time, so that the facility that is allowed to occupy the center of our roadway (outside the wheel lines of vehicular traffic) is not limited to serving just one small private development.

2. The proposed construction of this sewer line along Graham Hill Road will have a tremendous impact on regional traffic in the Carbonera and the San Lorenzo Valley areas. A complete Traffic Management Plan shall be submitted to this office for review and approval prior to construction. The Traffic Management Plan must identify suggested alternative routes for detouring traffic around the Graham Hill Road construction zone and the impacts on those routes. In addition, we are recommending that one lane of traffic

open at all times during construction and that both lanes of traffic be open on holidays, weekends and during the peak morning and evening traffic periods.

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3. An encroachment permit will be required for the project.

Please call me at extension 2391 if you have any questions.

JJP:bbs

copy to: Russ Albrecht, Encroachment Inspector
Joan Carpenter, Sanitation Engineer