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Date: June 27, 2005

INSPECTION 5

Mark Cassady
Essex Environmental
637 Main Street
Half Moon Bay, CA 94019

PROJECT: LEONA QUARRY TREE PROTECTION

SUBJECT: Monthly Inspection Report

INSPECTION DATE: 6/24/05

Mark,

The earth moving is progressing and there has been no adverse impact to the trees designated for preservation. The two issues of concern at this time are the additional trees that will be retained and the drain line excavation planned for some time in the future.

ADDITIONAL TREES TO BE RETAINED

Trees #'s (323, 324, 331, 332, 339) were originally designated for removal. It now appears that the trees will be retained. The adjacent retaining wall is in place and no further grading activity is planned for around the trees. These trees have suffered some root loss from the grading.

Recommendations for Health Mitigation

If the trees are to be retained as it now appears, the trees require mitigation treatment to prevent decline and possible death as a result of the grading. The dead stem also requires removal.

Mulch – Apply mulch over the bare soil and exposed roots. Mulch all possible area that is within 20 feet of the trees. Mulch should be applied to a thickness of 6-8 inches.

Water – All trees will require the application of three inches of water to the soil surface. Application of water should be after the mulch is in place. Water application rate must be slow enough to avoid runoff. This is accomplished by watering a number of times until the necessary water has been applied. The

water trucks can likely spray the area quite efficiently. Soil moisture will be monitored by project arborist. Water application is required only one time during this year. Depending upon tree condition, additional watering may be required during the spring of 2006.

DRAIN LINE INSTALLATION

The planned drain line excavation will be in the area of the drainage basin where tree #351 is located. The trenching is to travel up the slope. The final location of the trench and width of the work area have not yet been determined.

It will be most efficient if the project arborist is present at the time the initial alignment plan is designated.

Photo Supplement

Photo 1. Photo shows the Coast Live Oak trees that had earlier been designated for removal. The roots have been exposed by grading. The retaining wall has been completed and no further activity is planned for the area. These require mulch and water.



Photo 2. Arrow indicates the location where the trenching will begin and the direction of the proposed drain line trenching.



End Report

This report is submitted by:

Steve Batchelder, Consulting Arborist

