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Date: August 30, 2005

INSPECTION 7

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

PROJECT: LEONA QUARRY TREE PROTECTION
SUBJECT: Monthly Inspection Report
INSPECTION DATE 8/24/05

Mark,

I reviewed the quarry trees on Wed, 8/24. The primary focus of the inspection was the "now to be retained" Coast Live Oak trees above the retaining wall on Eighth Street. It was earlier requested that the trees be mulched and watered. Protected trees in all other areas have not been affected since the last inspection on 7/13/05.

Eighth St. Trees #'s (323, 324, 331, 332, 339)

Health mitigation treatments were recommended for these trees in the June 24 inspection report. The mitigation treatment recommended was mulching and watering. At the time of the inspection the mulch application was deemed to be far insufficient and no significant water had been applied to the trees.

After meeting with City of Oakland Project Engineer Jun Osalbo, arborist and assistant met with contract water truck driver. The amount of water required to water the trees was calculated to be 1,200 gallons. Arborist observed watering. Water truck driver will make the determination when 1,200 gallons had been applied based upon the tank volume.

Photo 1. Photo to the right shows the minimal amount of redwood fir bark mulch that was applied under the oak tree. The July 19, 2005 inspection report designated that 6-8 inches of mulch be placed under the tree.

For this tree, the area inside the black line is the area that should have been mulched with 6-8 inches. The area of mulch application is greater for the other trees that are larger in size.

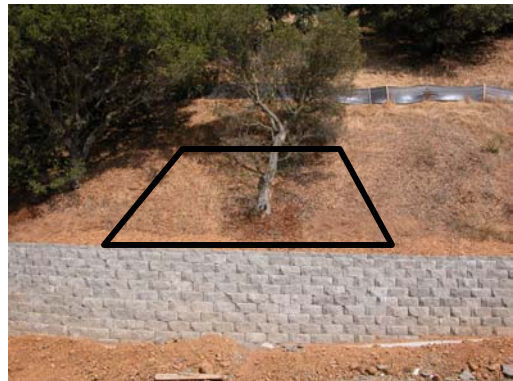


Photo 2. Photo to the right shows the water truck watering the trees on Wed. August 24. The truck was instructed to make successive passes until the designated amount of water had been applied to avoid runoff.



Recommendations – As noted in the 7/13 inspection report, the mulching should have been accomplished immediately to have the maximum benefit. The lack of mulching and watering during the last month has resulted in trees with substantially lower energy reserves. This may contribute to future pest problems. It is recommended that the mulching be completed as soon as is possible.

End Report

This report is submitted by:

Steve Batchelder

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