

# **APPENDIX K**

**Riparian Habitat Mitigation Report  
LSA Associates, Inc.**



LEXINGTON QUARRY  
RIPARIAN HABITAT  
MITIGATION REPORT



Prepared By:

LSA

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May 14, 2008

# RIPARIAN HABITAT MITIGATION FOR LEXINGTON QUARRY

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## I. DESCRIPTION:

A site visit to Lexington Quarry was conducted on Wednesday, May 14, 2008 to survey the existing riparian vegetation along a section of an unnamed creek. The purpose of the survey is to document the riparian vegetation between the outfall of by-pass pipes behind the quarry office and the property line.

Approximately 0.13 acres of California bay forest riparian habitat is present within the limits of proposed grading in the expansion area. This forest occurs along Limekiln Creek and the unnamed tributary (creek) that flows to the creek near the quarry office. This area would be graded during the last phase of mining and reclamation activities as part of installation of a reconstructed creek channel.

The creek corridor is approximate 75 feet in length by 80 feet in width. The bottom of the creek corridor is relatively flat and the bank is quite steep, almost vertical, with approximate twenty feet drop from the top of the slope. The trees are primarily White Alder (*Alnus rhombifolia*), a total of fifty one observed with twenty three on the eastern floor and twenty eight on western floor of the creek corridor. One Big-Leaf Maple (*Acer macrophyllum*) was observed on the mid bank of the western slope of the creek. Two Arroyo Willow (*Salix lasiolepis*) were observed on top of the western slope near the office. The understory plants, California Mugwort (*Artemisia douglasiana*), Snowberry (*Symphoricarpos albus*), Poison Oak (*Toxicodendron diversilobium*) and Himalayan Blackberry (*Rubus discolor*) were observed.

## II: LIST OF PLANTS OBSERVED:

Plants Observed Within the Creek Corridor of the Unnamed Tributary		
Common name	Botanical Name	Quantity
<b>TREES</b>		
White Alder	<i>Alnus rhombifolia</i>	51
Big-Leaf Maple	<i>Acer macrophyllum</i>	1
Arroyo Willow	<i>Salix lasiolepis</i>	2
<b>UNDERSTORIES</b>		
California Mugwort	<i>Artemisia douglasiana</i>	
Snowberry	<i>Symphoricarpos albus</i>	
Poison Oak	<i>Toxicodendron diversilobium</i>	
Himalayan Blackberry	<i>Rubus discolor</i>	

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## III: PHOTOS:

Eastern Slope of Creek Corridor



Western Slope of Creek Corridor



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## VI: DIAGRAM OF VEGETATION REPORT:

<b>VEGETATION REPORT - CREEK CORRIDOR</b>	<b>LEXINGTON QUARRY</b> WEST COAST AGGREGATES, INC.
<b>TREES:</b> 61 WHITE ALDER 1 BIG-LEAF MAPLE 2 ARROYO WILLOW	
<b>UNDERSTORIES:</b> CALIFORNIA MUGWORT SNOWBERRY POISON OAK HIMALAYAN BLACKBERRY	
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