

1. INTRODUCTION

Previous investigations near the former Rayonier Mill Site and in the Port Angeles Harbor conducted by the U.S. Environmental Protection Agency (EPA) (EPA, 1998) and Washington State Department of Ecology (Ecology) (SAIC, 1999) provide a large set of data characterizing the marine sediment quality conditions and the extent of wood debris on the harbor bottom. These data provide harbor-wide view of sediment quality. They identify areas where wood debris has accumulated and may be affecting bottom-dwelling organisms. They also provide specific information regarding the areas of the harbor that may have been affected by past operations at the former Rayonier Mill Site.

Together with an understanding of past operations at the Rayonier site and a recent (October 2000) diver survey of bottom areas (Foster Wheeler Environmental, 2001), these data provide a basis for developing the additional sediment sampling and characterization efforts detailed in this Volume II of the Rayonier project submittals. The proposed sampling activities and locations would fill specific data gaps so that a comprehensive characterization of the contaminants of potential concern (COPCs) in the sediments and wood debris that may be associated with the Rayonier operations can be made.

Specific data regarding the accumulation of COPCs by biota in the vicinity of the Rayonier facility and outfall are limited. An overview of the sampling and analysis plan to collect these data is also presented in this volume.

The purpose of this Sampling and Analysis Plan (SAP) is to present descriptions of the sampling and analysis tasks necessary to support and implement the elements of the Remedial Investigation Work Plan (Volume I) for the former Rayonier Mill Site. This SAP describes the sampling approach and rationale for the type, number, and location of samples to be collected. It also presents descriptions of sampling tasks, including descriptions of sampling equipment and collection methods to be used, the analyses to be performed, specifications for sample identification and vessel positioning, a description of sample documentation, and identification of appropriate sample handling and management procedures.

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