

8. REFERENCES

Ament, S. 2001. Personal communication (conversation of January 31, 2001 with Shelly Ament, WDFW Wildlife Biologist). Washington Department of Fish and Wildlife, Olympia, WA.

Anderson, J. 2002. Personal communication (conversation with Elizabeth Fukutomi, Foster Wheeler, regarding observations during machine room pre-demolition sampling). Rayonier, Inc., Port Angeles, WA.

Anderson, J. 2005. Personal communication (conversation with Roy Hummel, Malcolm Pirnie, regarding mill operations). Rayonier Properties LLC, Jacksonville, Florida. September 20.

ATSDR. 1992a. Toxicological Profile for Thallium. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA.

ATSDR. 1992b. Toxicological Profile for Vanadium. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA. July 1992.

ATSDR. 1995. Toxicological Profile for Polycyclic Aromatic Hydrocarbons. Division of Toxicology/Toxicology Information Branch, Agency for Toxic Substances and Disease Registry, Atlanta, GA. August 1995.

ATSDR. 1999a. Toxicological Profile for Cadmium. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA. July 1999.

ATSDR. 1999b. Toxicological Profile for Lead. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA. July 1999.

ATSDR. 2000a. Toxicological Profile for Arsenic. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA. September 2000.

ATSDR. 2000b. Toxicological Profile for Chromium. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA. September 2000.

ATSDR. 2001. Toxicological Profile for Pentachlorophenol. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA. September 2001.

ATSDR. 2002. Toxicological Profile for Bis(2-ethylhexyl)phthalate. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA. September 2002.

ATSDR. 2004. Final Health Assessment for Rayonier Site in Port Angeles, Washington. Agency for Toxic Substances and Disease Registry, Division of Toxicology/Toxicology Information Branch, Atlanta, GA.

Bradley, L.J.N., B.H. Magee, and S.L. Allen. 1994. Background levels of polycyclic aromatic hydrocarbons and selected metals in New England urban soils. *J. of Soil Cont.* 3(4):349-361.

CAS. 1997. P450-RGS. Columbia Analytical Services Inc., Kelso, WA.

Buchman, M.F. 1999. NOAA Screening Quick Reference Tables, NOAA HAZMAT Report 99-1. Coastal Protection and Restoration Division, National Oceanic and Atmospheric Administration. Seattle, WA. 12 pp.

E&E. 1998. Rayonier Pulp Mill Expanded Site Inspection, TDD: 97-06-0010. Prepared for EPA Region 10—Superfund Technical Assessment and Response Team (START). October 1998. Ecology and Environment, Inc., Seattle, WA.

Ecology. 1994. Natural Background Soil Metals Concentrations in Washington State. Publication No. 94-115. Washington Department of Ecology, Toxics Cleanup Program, Olympia, WA.

Ecology. 1999. Final Report – Screening Survey for Metals and Dioxins in Fertilizer Products and Soils in Washington State. Ecology Publication No. 99-309, April 1999. Washington State Department of Ecology, Olympia, WA.

Ecology. 2002. Development of Freshwater Sediment Quality Values for Use in Washington State, Phase II Report: Development and Recommendation of SQVs for Freshwater Sediment in Washington State. Washington State Department of Ecology, Olympia, WA.

Eisler, R. 1987. Polycyclic Aromatic Hydrocarbon Hazards to Fish, Wildlife, and Invertebrates: A Synoptic Review. U.S. Fish and Wildlife Service, Patuxent Wildlife Research Center, Laurel, MD.

Foster Wheeler. 1997. Current Situation/Site Conceptual Model Report for Rayonier, Port Angeles Mill Site, Mt. Pleasant Road Landfill and 13th and M Street Landfill. Prepared for Rayonier, Port Angeles, Washington. Foster Wheeler Environmental Corporation, Bellevue, WA.

Foster Wheeler. 1998. Monthly Air Quality Monitoring Reports (January – August, 1998). Prepared for Rayonier, Port Angeles, Washington. Foster Wheeler Environmental Corporation, Bellevue, WA.

Foster Wheeler. 2000. Groundwater Data Review Rayonier Former Pulp Mill Site Port Angeles, WA. An Overview of Existing Groundwater Data. Foster Wheeler Environmental Corporation, Bellevue, WA.

HLA. 1993. Draft Field Investigation Report ITT Quantitative Environmental Survey Program. ITT Rayonier Pulp Division, Port Angeles, Washington. October 28, 1993. Harding Lawson Associates, Seattle, WA.

Hem, John D. 1992. Study and Interpretation of Chemical Characteristics of Natural Water. U.S. Geological Survey Water-Supply Paper 2254.

Houkal, D. 2005. Personal communication (conversation with Ed Wallace, Columbia Analytical Services, regarding practical quantitation limits for Rayonier 2003 groundwater analyses). Malcolm Pirnie, Inc. September 26.

Integral. 2004. Management Plans for the Remedial Investigation – Feasibility Study of the Uplands Environment at the Former Rayonier Pulp Mill Site, Port Angeles, Washington. Prepared for Rayonier, Jacksonville, FL. Integral Consulting, Inc., Mercer Island, WA.

Integral and Foster Wheeler. 2003. Interim Action Report for the Ennis Creek-Finishing Room, Fuel Oil Tank No. 2, and Machine Shop at the Former Rayonier Pulp Mill Site, Port Angeles, Washington. Prepared for Rayonier, Jacksonville, FL. Integral Consulting, Inc., Mercer Island, WA.

Jameson, R.J., and S. Jefferies. 2001. Results of 2001 Survey of the Reintroduced Sea Otter Population in Washington State. Western Ecological Research Center, Santa Cruz, CA. 6 pp.

Kabata-Pendias, A., and Pendias H. 1984. *Trace elements in soils and plants*. CRC Press, Inc., Boca Raton, Florida.

LAAS. 1997. Rayonier, Incorporated Port Angeles Mill, Port Angeles, Clallam County, Washington, Dismantling and Remediation Project Cultural Resource Assessment. Prepared for Rayonier, Inc., September 12, 1997. Larson Anthropological/Archaeological Services, Seattle, WA.

LaGoy, P.K., and T.C. Quirk. 1994. Establishing generic remediation goals for the polyaromatic hydrocarbons: critical issues. *Environ. Health Persp.* 102:348-352.

Landau. 1990. Soil and Ground Water Investigation Fuel Tank No. 2 Project Port Angeles Pulp Mill. ITT Rayonier, Inc., Port Angeles, WA, October 1990. Landau Associates, Edmonds, WA.

Landau. 1991. Review Draft Report, Oil Contamination Characterization, Pulp Mill Finishing Room Area, ITT Rayonier, Inc, Port Angeles, Washington, February 26, 1991. Landau Associates, Edmonds, WA.

Landau. 1993. Hog Fuel Pile Contamination Investigation, ITT Rayonier, Port Angeles, Washington, August 5, 1993. Landau Associates, Edmonds, WA.

Landau. 1997. Report, Groundwater Monitoring Results, Rayonier Mill, Port Angeles, WA. Prepared for Rayonier Inc., July 30, 1997. Landau Associates, Edmonds, WA.

Landau. 1998a. Rayonier Port Angeles Mill, Groundwater Monitoring Project. Prepared for Rayonier by October 19, 1998. Landau Associates, Inc., Edmonds, WA.

Landau. 1998b. Report, Groundwater Monitoring Rayonier Port Angeles Mill, Port Angeles, WA. Prepared for Rayonier Inc., January 21, 1998. Landau Associates, Edmonds, WA.

Landau. 1998c. Spent Sulfite Lagoon Soil Characterization, Rayonier Port Angeles Mill. Letter Report submitted to Mr. Jack Anderson, Rayonier, Inc., February 24, 1998. Landau Associates, Edmonds, WA.

Landau. 1999. Finishing Room Cleanup (Ecology Agreed Order DE 98-SW-S288) Compliance Groundwater Monitoring Fourth Quarter, 1999. November 11, 1999. Landau Associates, Edmonds, WA.

Landau. 2001a. Hogged Fuel Material Total Petroleum Hydrocarbon Supplemental Testing, Rayonier Port Angeles Mill, Port Angeles, Washington. Letter Report submitted to Mr. Jack Anderson, Rayonier, Inc. June 1, 2001.

Landau. 2001b. Hogged Fuel Pile Supplemental Volatile Organic Compound and TPH Analysis, Rayonier Port Angeles Mill, Port Angeles, Washington. Letter Report submitted to Mr. Jack Anderson, Rayonier, Inc. June 1, 2001.

Landau. 2001c. Report, Groundwater Monitoring, Rayonier Inc., Port Angeles Mill Site, Port Angeles, Washington. Prepared for Rayonier Inc. Landau Associates, Edmonds, WA.

Landau. 2002. Report, August 2001 Groundwater Monitoring, Former Rayonier Mill Site, Port Angeles, Washington. Prepared for Rayonier Inc., February 19 2002. Landau Associates, Edmonds, WA.

Landau. 2003a. Report, December 2002 Groundwater Monitoring, Former Rayonier Mill Site, Port Angeles, Washington. Prepared for Rayonier Inc. February 5, 2003. Landau Associates, Edmonds, WA.

Landau. 2003b. Summary of Construction Observations Spent Sulfite Liquor Lagoon (SSL) Excavation, Rayonier Inc., Former Pulp Mill Site, Port Angeles, Washington. Letter Report submitted to Mr. Jack Anderson, Rayonier, Inc., January 16, 2003. Landau Associates, Edmonds, WA.

Link, R. 2001. Personal communication (conversation of January 31, 2001). Washington Department of Fish and Wildlife, Olympia, WA.

MADEP. 2002. Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil. Section 2.3 Updates in Support of the Massachusetts Contingency Plan. Massachusetts Department of Environmental Protection, Boston, MA.

- Malcolm Pirnie. 2005a. Validation of ISC model presented in the remedial investigation for the uplands environment of the former Rayonier Mill Site, Port Angeles, WA. Prepared for Rayonier, Jacksonville, FL. Malcolm Pirnie, Inc., Seattle, WA.
- Malcolm Pirnie . 2005b. Evaluation of the Sources of Dioxins and Furans in Soils Near the Former Rayonier Mill Site, Port Angeles, Washington. Prepared for Rayonier, Jacksonville, FL. Malcom Pirnie, Inc., Seattle, WA.
- McDonald, D.D., C.G. Ingersoll, D.E. Smorong, R.A. Lindskoog, D.W. Sparks, J.R. Smith, T.P. Simon, and M.A. Hanacek. 2002. Assessment of Injury to Fish and Wildlife Resources in the Grand Calumet River and Indiana Harbor Area of Concern, USA. *Arch. Environ. Contam. Toxicol.* 43:130-140.
- Nelson, S.K., and T.E. Hamer. 1995. Nest Access and the Effects of Predation on Marbled Murrelets. pp. 89-97. In C.J. Ralph, G.L. Hunt, Jr., M.G. Raphael and J.F. Platt (technical editors), Ecology and Conservation of the Marbled Murrelet. PSW-CTR-152. Pacific Southwest Research Station, U.S. Department of Agriculture, Forest Service, Albany, CA.
- North Creek Analytical. 1999. Laboratory Report for Sample Group B904104, Rayonier Project. North Creek Analytical, Bothell, WA. 12pp. plus chain of custody.
- Parametrix. 1998. Waste Acceptance Policy, City of Port Angeles Landfill Plan of Operations and Maintenance. March 31, 1998. Prepared for the Department of Public Works for the City of Port Angeles. Parametrix, Inc., Bellevue, WA.
- Persaud, D., R. Jaagumagi, and A. Hayton. 1993. Guidelines for the Protection and Management of Aquatic Sediment Quality in Ontario. August 1993.
- Rauch, W.F. 1985. Sedimentary Petrology. Depositional Environment and Tectonic Implications of the Upper Eocene Quimper Sandstone and Marrowstone Shale, Northeastern Olympic Peninsula, Washington. Master's Thesis, Western Washington University, Bellingham, WA.
- Rayonier. 2001. Waste Disposal Application for Wood Residue from the Former Mill Site, Port Angeles Landfill, Public Works and Utilities, City of Port Angeles. May 31, 2001. Rayonier, Inc., Port Angeles, WA.
- Rayonier. 2003. Rayonier Port Angeles Former Mill Stormwater Management Plan. March, 2003. Rayonier, Inc., Port Angeles, WA.
- Ruby, M.V., A. Davis, R. Schoof, S. Eberle and C.M. Sellstone. 1996. Estimation of lead and arsenic bioavailability using a physiologically based extraction test. *Environ. Sci. Technol.* 30: 422-430.
- Rydholm, S.A. 1965. *Pulping processes*. John Wiley & Sons, Inc. New York. 1269 pp.

- Schasse, H. 2003. Geological map of the Washington portion of the Port Angeles 1:100,00 quadrangle. Washington Division of Geology and Earth Resources. Open File Report 2003-6.
- SCS. 1987. Soil Survey of Clallum County Area, Washington. U.S. Department of Agriculture, Soil Conservation Service, Washington, DC.
- SECOR. 1999. Finishing Room Project Area Interim Action Report. Prepared for Rayonier, Inc., January 14, 1999. SECOR International, Redmond, WA.
- Shacklette, H.T., and J.G. Boerngen. 1984. Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States. Professional Paper 1270. U.S. Geological Survey, U.S. Government Printing Office, Washington, DC.
- Stafford, A.E., and S.P. McGrath. 1986. The use of acid insoluble residue to correct for the presence of soil-derived in the gut of earthworms used as bio-indicator organisms. *Environ. Pollut. (Series A)* 42:233-246.
- Tabor, R.W., and W.M. Cady. 1978. Structure of the Olympic Mountains. USGS Professional Paper 1033. U.S. Geological Survey, Washington, DC.
- USEPA. 1989. Interim Procedures for Estimating Risks Associated with Exposure to Mixtures of Chlorinated Dibenzo-p-dioxins and Dibenzofurans (CDDs and CDFs) and 1989 Update. EPA/625/3-89/08. U.S. Environmental Protection Agency Risk Assessment Forum, Washington, DC.
- USEPA. 1990. Hazard Ranking System, Final Rule, 40 CFR, Part 300, Part II. December 14, 1990. U.S. Environmental Protection Agency, Washington, DC.
- USEPA. 1992a. EPA Guidelines for Performing Site Inspections under CERCLA. U.S. Environmental Protection Agency, Washington, DC.
- USEPA. 1992b. Interim Guidance on Interpretation and Implementation of Aquatic Life Criteria for Metals. EPA No. 821R92009. NTIS No. PB94-183829. U.S. Environmental Protection Agency, Office of Water, Washington, DC.
- USEPA. 1996. USEPA Eco Update - Ecotox Thresholds. Office of Emergency and Remedial Response. USEPA 540/F-95/03B. January 1996. U.S. Environmental Protection Agency, Washington, DC.
- USEPA. 2000. Draft Dioxin Reassessment. U.S. Environmental Protection Agency, Washington, DC.
- USEPA. 2002. National Recommended Water Quality Criteria: 2002. EPA No. 822-R-02-047. U.S. Environmental Protection Agency, Office of Water, Washington, DC.
- USEPA. 2004. EPA Region III Risk-Based Concentration Table. Accessed on 10/8/2004. Available online at <http://www.epa.gov/reg3hwmd/risk/human/index.htm>.