

Matthew R. House

Senior Aquatic Biologist
Green Diamond Resource Company

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Education

Oregon State University, Corvallis, OR September 2001
Master of Science in Forest Hydrology.

Humboldt State University, Arcata, CA December 1995
Bachelor of Science in Fisheries.

**Work
experience**

Green Diamond Resource Co., Korbel, CA December 2007 – Present
Senior Aquatic Biologist / AHCP Coordinator

Supervisor: Keith Hamm

- Ensure compliance and maintain documentation of compliance with an Aquatic Habitat Conservation Plan (AHCP)
- Ensure all elements of the AHCP are implemented according to the requirements in the permits including monitoring, road upgrading and maintenance, training, reporting, adaptive management reserve account, meetings and field tours, and THP submission notifications
- Supervise 9 direct reports and up to 4 seasonal employees within the Aquatic Monitoring department to support the AHCP and other permitting commitments
- Prepare and submit AHCP biennial reports to NMFS, USFWS, CDFG and NCRWQCB
- Provide technical aquatic support for Registered Professional Foresters during Timber Harvesting Plan development
- Develop long term conservation planning documents and permits to ensure compliance with state and federal requirements as well as to provide operational efficiency and certainty for timber harvesting activities. Completed permits include Consistency Determination, SF Elk River Waste Discharge Requirements, Master Agreement for Timber Operations: Programmatic 1600 permit, Road Management Waste Discharge Requirements, Forest Management Waste Discharge Requirements, Foothill Yellow Legged Frog Incidental Take Permit
- Serve as a liaison between GDRCo and state and federal regulatory agencies regarding aquatic resource issues
- Develop and manage the AHCP department budget

Green Diamond Resource Co., Korbel, CA August 1998 – December 2007
Aquatic Resource Coordinator / Fisheries Biologist – Forest Hydrologist

Supervisor: Dr. Lowell Diller

- Served as one of the lead team members to develop, negotiate and write an Aquatic Habitat Conservation Plan (AHCP)
- Supervised 9 full time and up to 4 seasonal employees within the fisheries and watershed department to collect monitoring data supporting the AHCP

- Provided technical aquatic support for Registered Professional Foresters during Timber Harvesting Plan development
- Served as a liaison between GDRCo and state and federal regulatory agencies regarding aquatic resource issues
- Maintained the following aquatic surveys and monitoring projects: 1) long-term channel monitoring; 2) summer juvenile salmonid population surveys; 3) stream temperature monitoring; 4) outmigrant trapping; 5) adult escapement surveys; 6) Class III surveys; 7) turbidity threshold sampling; 8) habitat typing and 9) large woody debris surveys
- Coordinated stream restoration and road decommissioning projects

Oregon State University, Corvallis, OR August 1996 – August 1998

Graduate Research Assistant

Supervisor: Dr. Marvin Pyles

- Course work and research towards Masters of Science in Forest Hydrology
- Thesis: Countersunk culvert hydraulics for upstream juvenile fish passage

Simpson Redwood Co., Korb, CA May 1994 - August 1996

Fisheries Technician

Supervisor: Dr. Lowell Diller

- Performed the following aquatic surveys and monitoring projects: 1) long-term channel monitoring; 2) habitat typing and LWD surveys; 3) summer juvenile population surveys; 4) tailed frog surveys; and 5) stream temperature monitoring
- Input GIS locations of spotted owls and amphibian surveys
- Reviewed proposals for stream restoration projects

Memberships

Member of the American Fisheries Society (1999 – Present)

Member of the American Geophysical Union (1999 – Present)

Publications

House, M.R., M.R. Pyles, and D. White. 2005. Velocity Distributions in Streambed Simulation Culverts Used for Fish Passage. *Journal of the American Resources Association* 41 (1): 209-217.