

NORTEC JOB SPECIFIC SKILLS COMPETENCY

FISH HABITAT ASSISTANT (Scientific Helper)

DOT: 199.364-014 / O*NET-SOC: 19-4021.00 SVP 6

Job Description: Assist scientists in investigating aquatic animals and the environmental conditions affecting them, and in furnishing services in support of their care and health. Physical Demands -Active w/medium lifting, carrying, or moving (up to 50 lbs). General Education Development - R4 M4 L4; Aptitudes - Above Average Manual Dexterity; Average General Learning Ability, Verbal, Numerical, Spatial, Motor Coordination, Finger Dexterity, Eye-Hand-Foot Coordination.

Note: For businesses in California, if a land vehicle is used to transport clients, a California Driver's license class B Commercial with a Passenger Endorsement will be required, depending upon the size of the vehicle and/or the number of passengers.

CORE SKILL COMPETENCIES/INDICATORS:

1. Can demonstrate ability to correctly describe fishery management activities in California. (R, IN, S, T)
2. Can demonstrate ability to correctly describe fishery survey and management techniques. (R, IN, S,T)
3. Can demonstrate ability to correctly describe stream improvement procedures. (R, IN, S)
4. Can demonstrate working knowledge of occupational safety standards and procedures. (R, IN, S, T)
5. Can demonstrate ability to communicate effectively about job performance and problems. (I, IN)
6. Can demonstrate ability to analyze situations quickly and accurately, and take appropriate action. (R, I, IN, S, T)
7. Can demonstrate ability to identify and use wood and metalworking power tools. (R, S, T)
8. Can demonstrate ability to perform a variety of skilled work involving metal fabrication, concrete, carpentry and the operation of construction equipment (*identify*). (S, T)
9. Can demonstrate ability to apply procedural knowledge to assist team members in the construction, installation, and maintenance of stream fish habitat enhancement structures. (R, S, T)
10. Can demonstrate safe techniques for hiking in uneven terrain environments that include streams and forested terrain. (R, S)
11. Can demonstrate ability to operate and maintain hand and power tools necessary for fish habitat improvement projects. (R, S, T)
12. Can demonstrate ability to coordinate necessary equipment including heavy equipment necessary to install fish habitat improvement projects. (R, IN, T)
13. Can demonstrate ability to apply procedural knowledge to conduct (or assist team members in conducting) stream surveys to determine habitat conditions, locate barriers to fish migration, stream bank stabilization, and exclusionary fencing. (R, IN, S, T)
14. Can demonstrate ability to apply procedural knowledge to construct and install traps. (R, S, T)
15. Can determine landowners and secure agreements and permits from landowners and other agencies for stream improvements. (R, I, IN, S, T)
16. Can demonstrate proper research techniques to identify potential funding sources for fish habitat projects. (R,I,IN)
17. Can demonstrate ability to write project descriptions for proposed stream habitat projects using correct grammar. (R, IN, S)
18. Can demonstrate ability to develop appropriate budgets for proposed projects. (R, IN, S)
19. Can demonstrate ability to perform computer software applications including word processing, spreadsheets, and internet applications (*identify*). (R, IN, S, T)
20. Can demonstrate ability to perform basic office machine applications to include photocopy machine, fax machine, and adding machine. (IN, S, T)
21. Can demonstrate working knowledge of project documentation using photography and drawings. (IN, S, T)
22. Can demonstrate working knowledge of topographic map interpretation and location of projects on said map. (IN, S, T)
23. Can demonstrate working knowledge of purchase order applications and filing requirements. (R, IN, S)
24. Can demonstrate ability to present fish habitat information during public meetings, or assist with same. (R, I, IN, S)
25. Can demonstrate ability to complete necessary environmental permit request information required for stream habitat improvement projects. (IN, S)
26. Can demonstrate ability to communicate effectively and maintain productive relationship with agencies involved with stream habitat improvement projects. (I, S)