

Joseph J. Rosnow

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Professional Career Objective

Pursuing a challenging position that utilizes my Biology background along with my developing skills in Geographical information systems in which I can continue to develop skills in this field of expertise.

Education

B.S. Biology: University of Wisconsin, Stevens Point. May 2010

B.S. Fisheries and Waters Research: University of Wisconsin, Stevens Point. May 2010

Attending University of Wisconsin, Madison: GIS Certificate

Work Experience

GIS Analyst. Fishing Hot Spots

June 2017- Present. Supervisor: Brandt Brown

- Digitizes relevant features on aerial imagery with use of my own personal knowledge on sport angling.
- Render and edit bathymetry contours from depth sounding points and DEMs.
- Participates in weekly discussions on project time lines, and ways to improve our current products.

Fish Technician Advanced, Incubation Specialist. Wisconsin Department of Natural Resources, Fish Propagation

November 2013-December 2016. Supervisor: Andrew Hron

- Oversee the entire Kettle Moraine Springs Annex location including all incubation of salmon and trout eggs for rearing yearling steelhead trout, yearling coho salmon and fingerling chinook salmon for the Kettle Moraine Spring Hatchery and Annex operations. This includes managing the entire life cycle from spawning, incubation, rearing and stocking.
- Key member of Kettle Moraine Springs Hatchery staff. Communicates well with others hatchery staff concerning: diseases, feed, rearing, environmental requirements and other hatchery operations.
- Leadership on the following tasks: feeding fish, calculating feed rates, monitoring fish behavior, fish inventory, monitoring raceways and rearing tanks for the best water conditions for optimum growth. Upkeep of the hatchery and maintenance of equipment as needed.
- Managing health examinations in order to identify diseases, viruses or parasites. Confer with supervisors and fish health experts to identify and solve any problems that arise. Administer drug and salt treatments as required for maintaining a healthy hatchery operation.

- Maintaining required data, records, reports and traceability which includes:
 - Recording growth, production, environmental data, water quality parameters and groundwater discharge.
 - Data and records on the entire life of harvested eggs to distribution.
 - Organize data and records on all fin clipping traceable back to the hatchery.
 - Weekly use of all components of Microsoft Office, Fish databases and GIS.
- Lead improvements to the overall hatchery and techniques to advance fish husbandry processes for the future.
- Plan, schedule and distribute fish as needed in waters of Wisconsin
- Supervise and train new hatchery staff and volunteers.
- Public outreach including well informed tours for the public of the hatchery.

Fish Technician, Facilities Repair Worker. Wisconsin Department of Natural Resources, Fish Propagation

October 2011 - March 2012, October 2012 - November 2013. Supervisor: Andrew Hron

- A limited Term employee with some of the same responsibilities listed above.

Fish Technician. Wisconsin Department of Natural Resources, Fish Management

March 2012 - October 2012. Supervisor: Justine Hasz

- Survey and monitor water bodies in five counties in central Wisconsin located out of the Wisconsin Rapids office.
- Management and repair of class one trout streams as a team.
- Record, compile, analyze, and report data collected from each survey.
- Other duties include sturgeon spawning, fishing lands upkeep, public outreach, and equipment maintenance as needed.

Key Competency and Skills

- Proven naturalist and conservationist.
- Proven ability to develop working relationships with all types of people, including children.
- Physically fit with the ability for heavy lifting and a tolerance for adverse weather conditions.
- Self-motivated and works well in self-directed settings or as a crew.
- Competent in GPS and ARC GIS as tools to document field resources.
- Computer expertise, including all elements of Microsoft Office.
- Proficient in compiling and manipulating data.
- Pesticide Applicator License: Forestry and Aquatics/Mosquito
- Chainsaw Safety Certification
- Electroshocking Safety Certified

Relevant Memberships & Achievements

- American Fisheries Society 2008-Present
- Member of University of Wisconsin, Stevens Point Fisheries Chapter. 2006-2010
- Eagle Scout, Boy Scouts of America 2005