



rpc

SCIENCE & ENGINEERING

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Fish Health Services

The Fish Health service line began in 1984 in response to the needs of the growing aquaculture industry in NB. Since that time we have provided an ever increasing number and type of services with the goal of preventing, detecting or solving fish health problems in salmon, haddock, halibut, cod and other species.

Fish Health Services

- Standard bacteriology
- Stress testing (Furunculosis carrier)
- Title 50 inspections (US)
- Microscopy/mIFAT ISAV/BKD
- Pathogen characterization
- Quarantine trials
- Genotyping: Salmon, haddock and other USFWS "continent of origin" protocol
- Certifications: Hatchery/Site certification (according to FHPR), Schedule II (Canadian), Schedule III (Canadian)
- Others: please enquire
- Bacterial identification/Antibiotic susceptibility
- Schedule A List 15 (Canadian)
- Necropsy/Examination
- Pathogen screening & surveillance
- Na⁺, K⁺, ATPase testing
- Cell culture/virology

Facilities

- Wet lab/Dry lab
- Fresh water
- Salt water recirculation system
- Quarantine facilities
- Static bath
- State-of-the-art molecular biology laboratory

Applications

- Identification of bacterial and viral pathogens
- Characterization of bacterial and viral pathogens
- Testing treatment and prevention measures
- Stock identification-tracking
- Traceability

Qualifications

RPC's Fish Health staff includes one individual with Canadian Fish Health Official status and US Title 50 Certification status. The staff also includes scientists with doctoral and masters degrees and a group of highly skilled technicians. Inter-laboratory proficiency testing is undertaken with several laboratories.

Contact

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RPC's quality management system is registered to ISO 9001:2008.