

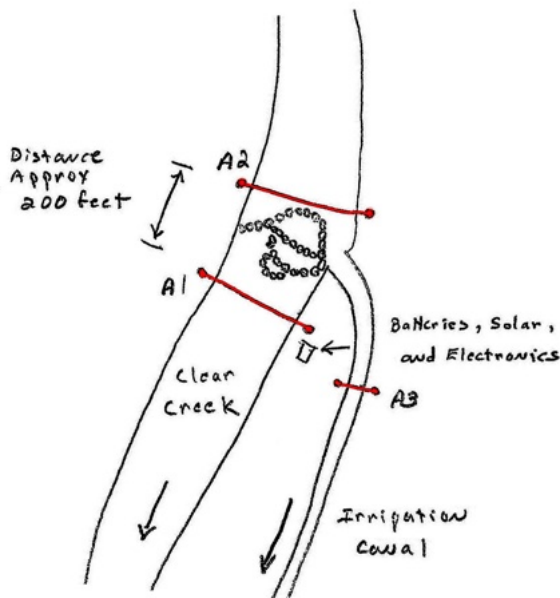
Design, Construction and Operation of PIT Tag Monitoring Systems

Warren Leach & Dr Hugo Marques



Sunday May 5, 2024

International Symposium on Ecohydraulics
Fish Passage 2024 Conference
Québec City



9:00 am - 10:15 am

RFID for Fish and Wildlife Tracking

PIT tag characteristics
HDX and FDX technologies
Antenna types
Data collection
Review of notable systems

10:30 am - 12:30 pm

Building a PIT Tag Monitoring Station

Reader types and capabilities
Selecting a location
Field power sources
Resonance tuning
Troubleshooting and maintenance
Dealing with noise
Performance optimization
Data handling

1:00 pm - 2:30 pm

PIT Tag Antennas

How to design an antenna
Wire selection
Construction techniques
Metal effects

2:45 pm - 4:00 pm

Interactive workshop

For further information, contact
custmail@oregonrfid.com