

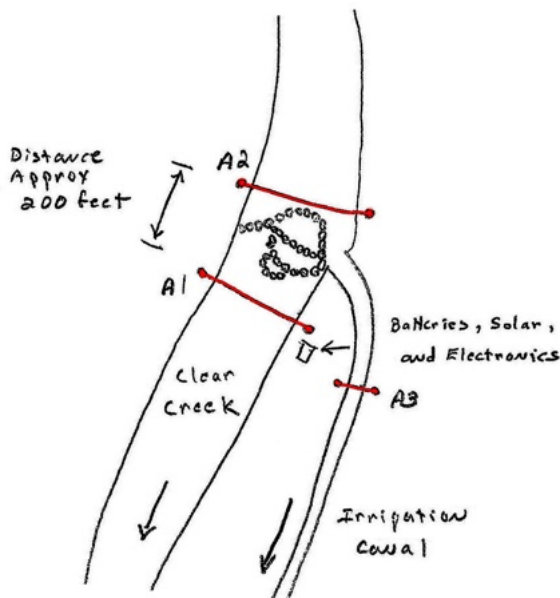
# Design, Construction and Operation of PIT Tag Monitoring Systems

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**Sunday April 14 2024**

Flonk Hotel Zuid  
Laan Corpus Den Hoorn 300  
9728 JT Groningen, NL



**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  
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