



## Wand Maintenance Best Practices

### ***Storage***

- Wash and dry the wand with the battery compartment closed, being careful not to get much water in the hole at the end of the cap. Use a mild soap and a fine Scotch Brite pad or sponge. Wipe dry.
- Unscrew the cap and pull out the battery compartment.
  - The battery terminals should protrude through the compartment and contact the clips. Verify that the battery pad at the base of the battery is thick enough to keep the battery terminals snug against the battery clips.
  - Remove the battery by prying it up at the terminal end. Check the battery for corrosion and condition of charge. Discard corroded or discharged (less than 8V) batteries.
  - Coat the battery clips with LPS 3 (available at better auto parts/hardware stores) or equivalent on all surfaces using a Q-tip. Check for corrosion. Inspect the condition of the connector on the bottom of the battery compartment and verify that the wires have not been damaged.
- Insert the battery compartment until the cap is almost in contact with the threads on the base of the wand handle. Unsnap the cap from the battery compartment by rotating the cap away and to the side of the battery compartment.
  - Inspect the O-ring and the seal around the perimeter of the alarm.
  - Put a little Silicone Dielectric Compound (available at better auto parts/hardware stores) on the O-Ring and inside the cap on the threads. Reattach cap.
- Store the wand in a clean, dry transit case in a dry environment with the battery out and the battery compartment open.

### ***Pre-Season Start Up***

- If you followed the storage procedures above, proceed to the next step, if not, it is time to do them now.

- Verify that no corrosion has occurred during storage on the battery clips or the connector on the underside of the battery compartment. Apply more LPS 3.
- Install the battery and turn on the wand.
- Using the detection standard, run the wand through the range of motion that simulates sampling.
- If the wand is determined to be too sensitive for field work, return it to Northwest Marine Technology for service.

### ***Daily Use***

- Periodically verify that no corrosion has occurred on the battery clips or the connector on the underside of the battery compartment. Apply more LPS 3.
- Check the battery for corrosion and condition of charge. Discard corroded or discharged (less than 8V) batteries.
- Using the detection standard, run the wand through the range of motion that simulates sampling.
- If the wand is determined to be too sensitive for field work, return it to Northwest Marine Technology for service.

### ***Transporting the Wand***

- Turn the wand off during transport.
- The wand should always be transported with as much protection as possible.
  - When transporting it in a vehicle or boat, use the transit case that comes with the wand, and always transport it in the interior of the vehicle. Be sure to dry out the case when it gets damp or wet by leaving it open in a dry environment.
  - When carrying the wand in a backpack, put as much cushioning around it as you can and avoid dropping the pack with the wand in it.
  - When carrying it in the holster, avoid banging the wand on rocks or trees.

### ***Contacting NMT***

If you need assistance with your wand, please call NMT at (360) 468-3375.