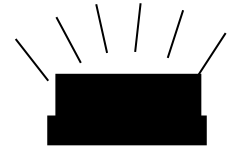# pH Unknown Data Sheet

(Please complete 2 tests – use this side for test 1 and backside for test 2)

Volunteer (School) Group: _____ Test Date: ___/___/___

Circle your pH meter model: Beckman   Hanna 8424   Hanna 9126

9126 pH probe condition (face of meter):

Test 1:

pH Unknown Batch: #_____

1. Did you soak probe in KCL solution at least three minutes prior to calibration?   ☐Yes   ☐No

2. Calibrate meter as normal.   Buffer 7 reading _____   Buffer 10 reading _____

    Are the readings within the acceptable ranges of 6.85 - 7.15 & 9.85 - 10.15?   ☐Yes   ☐No

3. Measure your pH reading / temperature reading   a. _____ / _____˚C   b._____ / _____˚C

    c. _____ / _____˚C   d._____ / _____˚C

    e. _____ / _____˚C   f._____ / _____˚C

Note: Make sure to record at least 3 pH readings of the unknown sample.

Comments: _____

_____

_____

Volunteer #1 Signature: _____   Date recorded _____
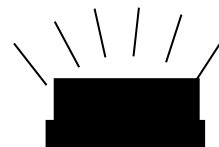
pH Unknown Data Sheet

Volunteer (School) Group: _____   Test Date: ___/___/___

Test 2:

pH Unknown Batch: #_____

9126 pH probe condition (face of meter):

4. Did you soak probe in KCL solution at least three minutes prior to calibration?   ☐Yes   ☐No

5. Calibrate meter as normal.   Buffer 7 reading _____   Buffer 10 reading _____

   Are the readings within the acceptable ranges of 6.85 - 7.15 & 9.85 - 10.15?   ☐Yes   ☐No

6. Measure your pH reading / temperature reading   a. _____ / _____ ˚C   b._____ / _____ ˚C

   c. _____ / _____ ˚C   d._____ / _____ ˚C

   e. _____ / _____ ˚C   f._____ / _____ ˚C

Note: Make sure to record at least 3 pH readings of the unknown sample

Results

1. Record your final Reading: Test 1. _____   Test 2. _____

2. **True Value (to be completed by RW Staff):**   Test 1. _____   Test 2. _____

3. Percent Recovery: Test 1. _____   Test 2. _____

4. Please describe pH probe shaft_____

Comments:_____

_____

_____

Volunteer #2 Signature: _____   Date recorded _____

Entered/Validated by RW staff: _____   Date:_____