

### 03.123 Potable Water Check

(03. HSS)

#### OBJECTIVE:

To check the pH of the water from the Water Recovery System (WRS).

#### EQUIPMENT:

PPE Goggles

Water Recovery System (WRS) Kit

#### **WARNING**

Do not drink the water from the WRS product water tank port.

#### 1. PERFORM pH CHECK

- 1.1 Retrieve the equipment from the WRS kit.
- 1.2 Don PPE Goggles.
- 1.3 Remove blue cap from the WRS product water tank port.



**Figure 1.** WRS Product water tank port

- 1.4 Connect WRS water testing syringe to the tank port.
- 1.5 Turn port valve to the open position so it is parallel with the sample port line.
- 1.6 Draw 11 cc of product water from the product water tank and dispense into a blue cup from the WRS kit. This could take more than one draw.
- 1.7 Close the tank port valve so that it is perpendicular to the sample port line.
- 1.8 Replace the blue tank port cap.
- 1.9 Remove pH meter from storage box.

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**Figure 2.** pH meter

- 1.10 Remove the black cap from the end of the pH meter.
- 1.11 Tilt the blue cup and submerge the end of the pH meter in the water. The water level needs to cover the notch in the pH meter.



**Figure 3.** pH meter in the cup (left) and Notch on pH meter (right)

- 1.12 Turn on the pH meter sliding the switch on the top of the meter to the left.
- 1.13 Call MCC with the indicated pH level if off nominal.
- 1.14 Turn off the pH meter by sliding the switch on the top of the meter to the right.
- 1.15 Dry the pH meter with a paper towel and replace the black cap.
- 1.16 Dry the outside of the testing syringe.
- 1.17 Dispose of paper towel.
- 1.18 Dispose of the tested water in the hygiene module sink.
- 1.19 Doff goggles and stow.
- 1.20 Stow the equipment in the WRS kit.