



Figure 1: Deck panels being prepared for casting. DURING THE POUR, USE “SPOT CHECK” tabs on the truck chute. AFTER THE POUR, USE “SPOT CHECK” tabs to check the integrity of the components cast. Tabs need to turn BRIGHT PURPLE. For a long square pile, every 15 feet or so.



Figure 2: Extracting nitrite-laden bleedwater from the Dead end cylinder in its plastic state.



Figure 3: The cups have 20 mL of water in each one. (*TAP water is no longer used. Distilled water ONLY!) The “dot sandwich” is carefully opened and a dot is picked up with a sharp toothpick. TWO per cup.



Figure 4: Dots being placed into the second cup. (*TAP water is no longer used. Distilled water ONLY!)



Figure 5: Stirring the first cup for 15 seconds.



Figure 6: Inserting the nitrite tab into the stirred solution.



Figure 7: After dipping, gently shake off the excess, and wait 15 seconds.



Figure 8: Compare to the comparator scale on the tube.



Figure 9: Close up of the scale. This is typical reading of 10 for the first 20 mL dilution.

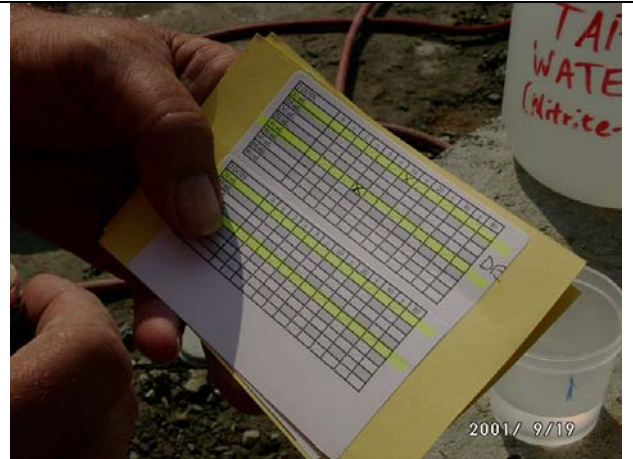



Figure 10: Grid marked with the results.

The procedure is repeated beginning at Figure 3. However, there should now be a total of 40 mL of water. (deliver with the syringe). Perform the test on the second cup if required after the first one is complete.

After performing the tests on the Dead end cylinder the tests are also done on the Live End (bottom grid in Figure 10)

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	<p style="text-align: center;">NO PICTURE HERE</p>
<p>Figure 11: The Live end cylinder with the “dot sandwich” being used to extract the nitrite-laden bleedwater from the plastic cylinder.</p>	<p>**The same procedure is used for the Live end cylinder beginning with Figure 3.</p>
<ol style="list-style-type: none"> <u>1. Ensure that “SPOT CHECK” tabs are done on the trucks and the poured component.</u> <u>2. This will indicate whether there is any nitrite present.</u> <u>3. This involves nothing more than walking the cast component and sticking the tab into it. IT SHOULD TURN BRIGHT PURPLE.</u> <u>4. If it does not turn color there is no nitrite in that portion of the component.</u> 	

