WATER CONTENT DETERMINATION
WORKSHEET- PLASTIC CONCRETE

North Dakota Department of Transportation, Materials & Research

SFN 18456 (Rev. 10-2001)

Project	Date of Test

a. Pan Tare	g
b. Wet sample plus pan	g
c. Wet sample, b - a	g
d. Dried sample plus pan	g
e. Water loss, b - d	g
f. Cement in percent, $\frac{94 \times \text{sacks/yd}^3}{\text{unit wt.} \quad \times 27} \times 100$	%
g. Weight of cement, $\frac{f \times c}{100}$	g
h. Water absorbed in aggregate $\frac{(c - e - g) \times}{100}$ _____ percent absorption	g
i. Effective water, e - h	g
j. Water - cement ratio, i/g	
k. Water in gallons per sack cement, $\frac{94 \times j}{8.33}$	gals/sack

NOTES: