

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION **BUREAU OF WATER SYSTEM ENGINEERING TECHNICAL REVIEW FORM**

FLUORIDATION (N.J.A.C. 7:10-11.15(f))

Water Purveyor		PWSID#	Munio	Municipality		
Compound used for fluoridation: Sodium fluoride Sodium fluorosilicate Fluorosilicic acid			of chemical feeding equipment: Dry - gravimetric Dry - volumetric Solution			
NO	OTE: The feeding of sodium sil	icofluoride slurries (batch mixes)	will not be approve	d.		
				YES	NO	N/A
1.	 Are the fluoridation units designed to maintain a finished water fluoride level between 0.8 and 1.2 mg/l at all points in the distribution system? (N.J.A.C. 7:10-11.15(f)1) 					
2.	Are fluoridation chemicals stored in their original unopened containers or in corrosion resistant covered storage containers? (N.J.A.C. 7:10-11.15(f))3					
3.	. Has the Technical Review Form for Chemical handling and Feeding been prepared for the fluoridation feed equipment?					
4.	. Are gravimetric feeders mounted on appropriately designed weighing scales? (N.J.A.C. 7:10-11.15(f)4ii)					
5.	Are the following minimum d (N.J.A.C. 7:10-11.15(f)4ii(1)) <u>Compound</u>	ilution ratios and detention times <u>Dilution Ratio</u>	provided? <u>Detention T</u>	ime		
	Sodium fluoride	12 gallons of water per pound of sodium fluoride	5 minutes			
	Sodium fluorosilicate	60 gallons of water per pound of sodium fluorosilicat	15 minutes te			
6.	Is an antisiphon device provid (N.J.A.C. 7:10-11.15(f)4ii(2))	ed to prevent siphonage of the so	lution?			

PA 15F (09/13)

Type or Print Name of Engineering Firm

Professional Engineer's Embossed Seal