

**REPORT OF
EXAMINATION OF POTABLE WATER**

P924

FARRIS - PEROLIN LABORATORY
84 Danbury Road
WILTON, CONNECTICUT 06897

SAMPLE NO.
8665

TYPE OF ANALYSIS: PHYSICAL COMPLETE BACTERIAL OTHER

NAME OF WATER SUPPLY: **M NURZIA** ADDRESS: **HANOVER RD** TOWN: **MALDEN N.Y.**
 DATE REC'D: **8/8/75** DATE TESTED: **8/8/75** COLLECTED BY: **John Fuchs** DATE COLLECTED: **8/8/75**
 PUBLIC SEMI-PUBLIC PRIVATE

FIELD DATA TO BE FILLED IN BY SAMPLE COLLECTOR

NAME AND ADDRESS OF PERSON TO RECEIVE LAB. REPORT: **FINDORA + Sows Inc. 13 Godfrey pl. Wilton, Conn.**

LOCATION AND/OR ADDRESS OF SAMPLE COLLECTION POINT: **HANOVER RD MALDEN N.Y.**

TREATMENT: NONE CHLORINATED FILTERED OTHER (SPECIFY)

RESIDUAL CHLORINE (FIELD TEST):

TYPE OF WATER (At Sample Collection Point):
 1. Raw or untreated water at source 2. Treated water at treatment station 3. Water from distribution (One source only) 4. Water from distribution (Mixture of 2 or more sources)

REASON FOR EXAMINATION: **C-O**

IF SUSPECTED OF CAUSING DISEASE GIVE DETAILS: NEW WELL OLD WELL DUG LAKE PUBLIC PRIVATE SWIMMING: POOL POND

COMPLAINTS OF: COLOR SEDIMENT ODOR FOAMING TASTE OTHER

PHYSICAL	APP. COL.	TRUE COL.	ODOR (Description)	(Deg.)	TURBID.	PH		
	—	10	NONE		0	7.1		
	NITRITE (as N)		NITRATE (as N)		AMMONIA (as N)		ALBUMINOID (as N)	CHLORIDE (Cl)
	0.001		0.04		0.030		—	18.0
CHEMICAL DETERMINATIONS (mg/l)	IRON (Fe)		ALKALINITY (CaCO ₃) BICARBONATE		ALKALINITY (CaCO ₃) CARBONATE		TOTAL HARDNESS (CaCO ₃)	
	0.10		58.0		—		74.0	
	MANGANESE (Mn)		FLUORIDE (F)		DETERGENT (ABS)		SULPHATE (SO ₄)	
0.00		—		0.00		10.0		

BACTERIOLOGICAL	The arithmetic mean of all standard samples examined per month using the membrane filter technique shall not exceed one colony per 100ml. Coliform colonies per standard sample shall not exceed 4/100ml. in: (a) two consecutive samples; (b) more than one standard sample when less than 20 are examined per month; or (c) more than five per cent of the samples when 20 or more are examined per month.	MEMBRANE FILTER TEST	CONC	SP. COAM.
		Coliform Colonies/100 ml		
		NONE	1	

CONCLUSIONS (AT TIME OF COLLECTION)

1. The results of the analysis of this sample are satisfactory and meet requirements for a potable water.

2. The results of the analysis of this sample are satisfactory for a potable water but certain of the chemical or physical constituents are high. These are as follows:

3. This sample is not satisfactory since it does not meet the bacterial requirements for a potable water. The presence of organisms of the coliform group in a sample of potable water is undesirable and, while not necessarily indicating the presence of any disease-producing organisms, does indicate that such contamination might survive to the same extent. The presence of organisms of the coliform group may also indicate that the treatment was not adequate at the time the sample was collected.

4. This sample is unsatisfactory as a potable water because certain chemical or physical constituents are above acceptable limits. These are as follows:

The coliform content for this raw surface water is 5. Low 6. Moderate 7. High

This sample was analyzed for fluoride. The fluoride concentration was 8. High 9. Low 0. Satisfactory

FARRIS - PEROLIN LABS
C. M. LINARDOS, DIRECTOR
B. SC., M. SC.

SPECIAL COMMENTS

VOID WITHOUT LABORATORY SEAL