PHYSICAL AND CHEMICAL ANALYSIS OF WATER

SAMPLE NO.

FROM: *(Station or unit)*

DATE

TO: *(Name and location of laboratory)*

SAMPLE FROM *(Location of sampling point)*

COLLECTED BY	DATE	HOUR	SOURCE *(Designate ground, surface, raw, treated)*

REASON FOR EXAMINATION	EXAMINATION REQUESTED BY

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

I. FIELD ANALYSIS

1. pH	TEMPERATURE °F	TEMPERATURE °C

ITEM	PPM
2. CARBON DIOXIDE (CO_2)	
3. DISSOLVED OXYGEN (O_2)	
4. HYDROGEN SULFIDE (H_2S)	
5. CHLORINE DEMAND (Cl_2)	

FIELD ANALYSIS BY

DATE OF ANALYSIS

II. SPECIAL LABORATORY ANALYSES

Check (X) individual items to be included in the Special Analyses. Request determination only of those substances suspected of being present in significant amounts.

(X)	ITEM	PPM
	1. As	
	2. Se	
	3. Pb	
	4. B	
	5. Cu	
	6. Zn	
	7. Cr *(Hexavalent)*	
	8. PO	
	9. Cd	
	10. CN	
	11. Phenolic Compounds *(PPB)*	
	12. Others *(Specify)*	
	13.	
	14.	
	15.	
	16.	

III. ROUTINE LABORATORY ANALYSIS

(CHECK ONE)

	REQUESTED		NOT REQUESTED

1. COLOR

2. TURBIDITY

3. ALKALINITY ($CaCO_3$)

P	MO

4. TOTAL HARDNESS ($CaCO_3$)

5. NON-CARBONATE HARDNESS ($CaCO_3$) *(By Computation)*

6. CARBONATE HARDNESS ($CaCO_3$) *(By Computation)*

7. TOTAL DISSOLVED SOLIDS

8. SPECIFIC CONDUCTANCE *(Micromhos)*

ITEM	PPM
9. CALCIUM (Ca)	
10. MAGNESIUM (Mg)	
11. SODIUM (Na) AND POTASSIUM (K)	
12. HYDROXIDE (OH)*	
13. BICARBONATE (HCO_3)*	
14. CARBONATE (CO_3)*	
15. SULFATE (SO_4)	
16. CHLORIDE (Cl)	
17. NITRATE (NO_3)	
18. IRON (Fe) TOTAL	
19. MANGANESE (Mn)	
20. SILICA (SiO_2)	
21. FLUORIDE (F)	

**State whether determined or computed from P and MO alkalinity.*

REMARKS *(Such as unusual appearance, taste, odor, etc.)*

LABORATORY ANALYSIS BY

DATE OF ANALYSIS