March 21, 2022

TERMS OF REFERENCE

DIVISION 1: MICROBIOLOGICAL ANALYSIS

1.1 Monthly collection of Thirty Five (35) water samples for City Health Office (CHO) monitoring must be done every second week of every month

1.2 Assigned laboratory will provide CWD laboratory 35 sampling bottles for each of every collection

1.3 CWD laboratory personnel will collect the 35 water samples and the assigned laboratory will pick-up the collected samples from CWD laboratory

1.4 If in any case, there is a positive sample, rechecking of sample is free of charge

1.5 Release of water test results is on the following week of every collection, assigned laboratory shall provide soft and hard copy to CWD laboratory free of charge.

DIVISION 2: PHYSICAL and CHEMICAL ANALYSIS

2.1 Collection of samples is on a semi-annual basis, CWD laboratory staff shall be the one to collect water samples from designated areas of all pump stations and the assigned laboratory will collect water samples from CWD laboratory.

2.2 First batch of collection of water sample must be done on May 2022, a total of 75 samples shall be collected to all pump stations. Analysis must be compliant to the standard parameters set by the DOH PNSDW of 2017 (10 parameters set by DOH PNSDW of 2017 including Manganese, Iron and Benzene). Exact date of schedule of collection of water samples shall be agreed by both parties.

2.3 Second batch of collection should be done on November 2022, a total of 75 samples shall be collected to all areas of pump stations. Analysis must be compliant to the standard parameters set by the DOH PNSDW

of 2017 (10 parameters set by DOH PNSDW of 2017 including Manganese, Iron and Benzene). Exact date of schedule of collection of water sample shall be agreed by both parties.

2.4 Sampling bottles for physical and chemical analysis shall be provided by the assigned laboratory.

2.5 Release of results is after a week of analysis, assigned laboratory shall provide soft and hard copy to CWD laboratory free of charge.

DIVISION 3: ARSENIC ANALYSIS

1.1 ARSENIC monitoring analysis, a special test done every quarter of the year, two (2) samples shall be collected by CWD staff on a specified area which will then be picked – up by the assigned laboratory.

1.2 Release of results is after a week of examination, assigned laboratory shall provide soft and hard copy to CWD laboratory free of charge.

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