

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

CONTACT NO.: (049) 543-1916

WEBSITE: [www.lagunawater.com.ph](http://www.lagunawater.com.ph)

CUSTOMER NAME : Laguna AAWater Corporation

ADDRESS : G/F One Evotech Bldg., Nuvali, Santa Rosa City, Laguna, Philippines

ATTENTION : N/A

**SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE : S20-1752      DATE/TIME SUBMITTED : 03/11/2020 15:30  
 DATE/TIME COLLECTION : 03/11/2020 09:05      COLLECTED BY : Edwin O. Aguilar  
 NO. OF SAMPLES : 1      TOTAL PARAMETERS TESTED : 15  
 SAMPLE LOCATION : SOURCE AFTER DMI-65 FILTRATION, LAGUNA SPORT COMPLEX, BRGY. BUBUKAL, STA CRUZ CITY, LAGUNA  
 SAMPLE CHARACTERISTICS : 4000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.45 / 27.9	4500-H <sup>+</sup> . Electrometric	03/11/2020	EOA
Residual Chlorine <sup>A</sup>	mg/L	0.063	0.20	0.31	4500-Cl-G.DPD Colorimetric	03/11/2020	EOA
Color	ACU	2	NA	<2	2120B. Visual Comparison (Pt-Co)	03/11/2020	KAP
Taste <sup>A</sup>	-	NA	NA	UO	2160. Sensory	03/11/2020	KAP
Odor <sup>A</sup>	-	NA	NA	UO	2150. Sensory	03/11/2020	KAP
Turbidity <sup>A</sup>	NTU	0.115	0.365	0.400	2130. Nephelometric	03/11/2020	KAP
Total Hardness as CaCO <sub>3</sub> <sup>A</sup>	mg/L	0.469	1.49	136	2340C. EDTA Titrimetric	03/13/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	190	2540C. Gravimetric, dried @ 180°C	03/13/2020	KAP
Nitrate (NO <sub>3</sub> ) <sup>A</sup>	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	03/16/2020	KAP
Chloride (Cl) <sup>A</sup>	mg/L	0.0372	0.119	7.23		03/16/2020	KAP
Fluoride (F) <sup>A</sup>	mg/L	0.0524	0.167	0.239		03/16/2020	KAP
Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup>	mg/L	0.0567	0.181	2.17		03/16/2020	KAP
Iron (Fe) <sup>A</sup>	mg/L	NA	0.005	0.030	3500-Fe B. Colorimetric	03/13/2020	KYA
Manganese (Mn) <sup>A</sup>	mg/L	NA	0.01	0.050		03/13/2020	KYA

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

DEVIATIONS: No deviations noted on sample collection and submission.

NOTE: A – Method is not part of DENR-ELR Recognized Parameters


LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; UO: Unobjectionable, NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

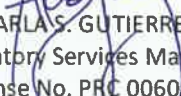
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**ATTENTION :** N/A

**SUMMARY OF LABORATORY ANALYSIS**

**SAMPLE CODE :** S20-1754      **DATE/TIME SUBMITTED :** 03/11/2020 15:30  
**DATE/TIME COLLECTION :** 03/11/2020 08:00      **COLLECTED BY :** Edwin O. Aguilar  
**NO. OF SAMPLES :** 1      **TOTAL PARAMETERS TESTED :** 15  
**SAMPLE LOCATION :** WATER PUMP, CAPITOL COMPOUND, P. GUEVERRA AVENUE, LAGUNA PROVINCIAL CAPITOL, SANTA CRUZ, LAGUNA  
**SAMPLE CHARACTERISTICS :** 4000 mL water sample in polyethylene bottle

PARAMETER(S)	UNIT	MDL	LOQ	RESULT(S)	METHOD(S)	ANALYSIS	
						DATE	BY
pH / Temperature	-/°C	NA	NA	7.77 / 28.3	4500-H <sup>+</sup> . Electrometric	03/11/2020	EOA
Residual Chlorine <sup>A</sup>	mg/L	0.063	0.20	0.990	4500-Cl-G.DPD Colorimetric	03/11/2020	EOA
Color	ACU	2	NA	20	2120B. Visual Comparison (Pt-Co)	03/11/2020	KAP
Taste <sup>A</sup>	-	NA	NA	0	2160. Sensory	03/11/2020	KAP
Odor <sup>A</sup>	-	NA	NA	UO	2150. Sensory	03/11/2020	KAP
Turbidity <sup>A</sup>	NTU	0.115	0.365	0.650	2130. Nephelometric	03/11/2020	KAP
Total Hardness as CaCO <sub>3</sub> <sup>A</sup>	mg/L	0.469	1.49	142	2340C. EDTA Titrimetric	03/13/2020	KAP
Total Dissolved Solids	mg/L	4.77	12.5	237	2540C. Gravimetric, dried @ 180°C	03/13/2020	KAP
Nitrate (NO <sub>3</sub> <sup>-</sup> ) <sup>A</sup>	mg/L	0.0574	0.183	<0.0574	4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	03/16/2020	KAP
Chloride (Cl <sup>-</sup> ) <sup>A</sup>	mg/L	0.0372	0.119	22.7		03/16/2020	KAP
Fluoride (F <sup>-</sup> ) <sup>A</sup>	mg/L	0.0524	0.167	0.280		03/16/2020	KAP
Sulfate (SO <sub>4</sub> <sup>2-</sup> ) <sup>A</sup>	mg/L	0.0567	0.181	1.90		03/16/2020	KAP
Iron (Fe) <sup>A</sup>	mg/L	NA	0.005	0.040		3500-Fe B. Colorimetric	03/13/2020
Manganese (Mn) <sup>A</sup>	mg/L	NA	0.01	0.070	03/13/2020		KYA

REMARKS: Sample collection was performed by LWC Field analyst/technician and were analyzed as submitted.

**DEVIATIONS: No deviations noted on sample collection and submission.**

NOTE: A – Method is not part of DENR-ELR Recognized Parameters

LEGEND: ACU: Apparent Color Unit; NTU: Nephelometric Turbidity Unit; NA: Not Applicable; MDL: Method Detection Limit; LOQ: Limit of Quantification

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition

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