



January 29, 2021

**DR. MIRABELLE M. BENJAMIN**  
City Health Officer  
Biñan City

**Subject: Microbiological Examination Report – January 2021**

Dear Dr. Benjamin:

Greetings from Laguna Water!

We are **Laguna AAWater Corporation**, the authorized water concessionaire of the Province of Laguna. Laguna Water is a joint venture company between the Provincial Government of Laguna and Manila Water Philippine Ventures Company (owned by Manila Water Company Inc., the water service provider in the East Zone of Metro Manila).

As part of our mandate on improving the water quality, we are pleased to submit to you a summary of the Physical, Chemical and Microbiological Tests that we are conducting all throughout our covered Service Areas.

Thank you.

Sincerely yours,

**ENGR. MELISSA A. ALCASID**  
Technical Operations, Head

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 AAAWATER CORPORATION

ADDRESS : G/F One Evotech Building, Lakeside Evozone, Nuvali, Brgy. Santo Domingo, Santa Rosa City, Laguna

ATTENTION : BIÑAN CITY HEALTH OFFICE

### SUMMARY OF LABORATORY ANALYSIS

NO. OF SAMPLES : 68

TOTAL PARAMETERS TESTED : 5

ANALYSIS DATE(S) : 01/07/2021-1/25/2021

DATE/TIME COLLECTED	SAMPLE CODE	SAMPLE LOCATION	PARAMETER				
			pH/ Temperature <sup>A</sup> (- / °C)  MDL: NA LOQ: NA	RESIDUA L CHLORINE <sup>B</sup> (mg/L)  MDL: 0.06 LOQ: 0.20	COLIFORM <sup>C</sup>		HPC <sup>D</sup> (CFU/mL)
			TOTAL (Coliforms/ 100mL)	FECAL/ <i>E. coli</i> (Coliforms/ 100 mL)			
<b>BRGY. BIÑAN</b>							
01/07/2021 14:20	S20-0223	Laguna Wellfield 1	-	0.29	ABSENCE	ABSENCE	1
01/15/2021 12:07	S21-0450	Guardhouse Entrance, Phase 4C, San Jose Village I	7.56 / 27.8	0.31	ABSENCE	ABSENCE	< 1
01/15/2021 12:17	S21-0451	Clubhouse, Phase 3B, San Jose Village II	7.38 / 28.9	0.29	ABSENCE	ABSENCE	< 1
01/15/2021 10:10	S21-0452	Pump 11, Phase 5, San Jose Village II	7.49 / 28.6	0.38	ABSENCE	ABSENCE	< 1
01/15/2021 10:21	S21-0453	Clubhouse, Phase 5, San Jose Village II	7.51 / 27.5	0.26	ABSENCE	ABSENCE	< 1
01/15/2021 10:29	S21-0454	Clubhouse, Phase 6, San Jose Village III	7.40 / 25.0	0.25	ABSENCE	ABSENCE	< 1
01/15/2021 11:58	S21-0455	Main Gate, AVIDA Shophouse	7.55 / 27.6	0.42	ABSENCE	ABSENCE	< 1
01/15/2021 12:17	S21-0456	DLSU Science and Technology Complex, LTI Spine Road	7.47 / 28.3	0.60	ABSENCE	ABSENCE	< 1
<b>BRGY. CANLALAY</b>							
01/13/2021 10:50	S21-0389	Clubhouse, Golden City Canlalay	-	0.22	ABSENCE	ABSENCE	6
01/13/2021 11:12	S21-0390	Drinking Fountain, Canlalay Elementary School	-	0.50	ABSENCE	ABSENCE	50
<b>BRGY. GANADO</b>							
01/13/2021 12:48	S21-0409	Ganado Elementary School	7.47 / 29.7	0.22	ABSENCE	ABSENCE	< 1
<b>BRGY. HALANG</b>							
01/13/2021 11:33	S21-0385	9999 Water Pump Metroville Complex	-	0.33	ABSENCE	ABSENCE	< 1
01/13/2021 12:04	S21-0386	Block 30 Lot 17, Metroville Complex	-	0.33	ABSENCE	ABSENCE	< 1
<b>BRGY. LANGKIWA</b>							
01/14/2021 09:14	S21-0429	Block 65 Lot 3, Phase II, Southville	-	0.58	ABSENCE	ABSENCE	< 1
01/15/2021 10:17	S21-0461	Drinking Fountain, Southville 5A National High School	7.62 / 29.7	0.32	ABSENCE	ABSENCE	< 1

NOT VALID WITHOUT QR CODE



REVIEWED BY:

ALYSSA MARIE C. PENALES, RMT  
Microbiology Unit Manager (OIC)  
License No(s). (PRC 0064969)

CERTIFIED CORRECT BY:

ANNA KARLA S. GUTERREZ, RMT  
Laboratory Services Manager  
License No(s). (PRC 0060968)

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DATE/TIME COLLECTED	SAMPLE CODE	SAMPLE LOCATION	PARAMETER				
			pH/ Temperature <sup>A</sup> (- / °C)	RESIDUAL CHLORINE <sup>B</sup> (mg/L)	COLIFORM <sup>C</sup>		HPC <sup>D</sup> (CFU/mL)
					TOTAL (Coliforms/ 100mL)	FECAL/ <i>E. coli</i> (Coliforms/ 100 mL)	
01/15/2021 09:50	S21-0462	Drinking Fountain, Langkiwa Elementary School	7.44 / 29.0	0.27	ABSENCE	ABSENCE	< 1
<b>BRGY. LOMA</b>							
01/15/2021 11:46	S21-0457	Block 43 Lot 13, Celina Technopark	7.37 / 28.7	0.22	ABSENCE	ABSENCE	< 1
01/15/2021 11:30	S21-0459	Drinking Fountain, Loma Elementary School	7.55 / 27.6	0.15	ABSENCE	ABSENCE	< 1
01/12/2021 13:07	S21-0315	Brenna Model House, Block 90 Lot 5, Laguna Bel-Air III	7.44 / 28.4	0.22	ABSENCE	ABSENCE	< 1
01/12/2021 13:22	S21-0316	Hillcrest Road, Block 2 Laguna Bel-Air III	7.67 / 27.9	0.18	ABSENCE	ABSENCE	< 1
01/12/2021 13:47	S21-0317	Clubhouse, Laguna Bel-Air III	7.78 / 29.6	0.24	ABSENCE	ABSENCE	< 1
<b>BRGY. MALABAN</b>							
01/13/2021 10:26	S21-0392	Malaban Health Center	-	0.50	ABSENCE	ABSENCE	< 1
01/13/2021 10:16	S21-0393	Drinking Fountain 1, Malaban Elementary School	-	0.48	ABSENCE	ABSENCE	< 1
01/13/2021 10:11	S21-0394	Drinking Fountain 2, Malaban Elementary School	-	0.43	ABSENCE	ABSENCE	< 1
<b>BRGY. MAMPLASAN</b>							
01/15/2021 11:15	S21-0458	Clubhouse, Verdana Homes Subdivision	7.44 / 27.9	0.18	ABSENCE	ABSENCE	< 1
01/13/2021 12:19	S21-0410	United Laboratories (UNILAB) Inc.	7.51 / 28.6	0.25	ABSENCE	ABSENCE	< 1
<b>BRGY. POBLACION</b>							
01/13/2021 10:34	S21-0395	Barangay Hall	-	0.32	ABSENCE	ABSENCE	2
<b>BRGY. PLATERO</b>							
01/12/2021 10:34	S21-0299	Elevated Water Tank, Mondo Bambini	-	0.43	ABSENCE	ABSENCE	< 1
01/12/2021 10:43	S21-0300	Clubhouse, Mondo Bambini	-	0.04	ABSENCE	ABSENCE	1
01/12/2021 11:07	S21-0301	Elevated Water Tank, Prima Casa	-	0.42	ABSENCE	ABSENCE	1
01/12/2021 11:17	S21-0302	Clubhouse, Prima Casa	-	0.43	ABSENCE	ABSENCE	< 1
01/12/2021 11:33	S21-0303	Water Pump, Spring Time	-	0.22	ABSENCE	ABSENCE	50
01/12/2021 11:41	S21-0304	Block 1 Lot 7, Spring Time	-	0.12	ABSENCE	ABSENCE	< 1
01/13/2021 13:20	S21-0412	Sea-oil, National Road	7.39 / 28.3	0.29	ABSENCE	ABSENCE	< 1
01/13/2021 14:01	S21-0414	Drinking Fountain, St. Michael School	7.45 / 25.0	0.09	ABSENCE	ABSENCE	< 1
<b>BRGY. SAN ANTONIO</b>							
01/13/2021 10:18	S21-0420	Biñan City Hall	7.39 / 27.6	0.55	ABSENCE	ABSENCE	< 1

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DATE/TIME COLLECTED	SAMPLE CODE	SAMPLE LOCATION	PARAMETER				
			pH/ Temperature <sup>A</sup> (- / °C)	RESIDUAL CHLORINE <sup>B</sup> (mg/L)	COLIFORM <sup>C</sup>		HPC <sup>D</sup> (CFU/mL)
					TOTAL (Coliforms/ 100mL)	FECAL/ <i>E. coli</i> (Coliforms/ 100 mL)	
01/13/2021 10:03	S21-0421	Alonte Stadium	7.51 / 29.6	0.60	ABSENCE	ABSENCE	< 1
01/13/2021 14:37	S21-0415	Water Pump, Margarita Homes Subdivision	7.55 / 27.6	0.35	ABSENCE	ABSENCE	< 1
01/13/2021 14:59	S21-0416	Ibanez Residence, Margarita Homes	7.50 / 28.4	0.30	ABSENCE	ABSENCE	< 1
01/13/2021 09:54	S21-0391	9022 Water Pump, Faraon Subdivision	-	0.39	ABSENCE	ABSENCE	< 1
01/13/2021 10:43	S21-0418	Chowking, Pavilion Mall	7.45 / 27.6	0.35	ABSENCE	ABSENCE	< 1
01/13/2021 09:41	S21-0396	Drinking Fountain, Jacobo Gonzales Memorial National High School	-	0.20	ABSENCE	ABSENCE	< 1
01/13/2021 09:59	S21-0417	Cistern Tank, Pavilion Mall	7.34 / 27.1	0.40	ABSENCE	ABSENCE	< 1
<b>BRGY. SANTO NIÑO</b>							
01/13/2021 11:18	S21-0419	Jollibee National Hi-Way	7.45 / 28.6	0.27	ABSENCE	ABSENCE	1
<b>BRGY. SAN VICENTE</b>							
01/13/2021 11:39	S21-0423	407 Water Pump, San Vicente Subdivision	7.45 / 27.4	0.09	ABSENCE	ABSENCE	< 1
01/14/2021 11:30	S21-0430	Drinking Fountain, San Vicente Elementary School	-	0.52	ABSENCE	ABSENCE	< 1
01/14/2021 12:16	S21-0431	Block 8 Lot 6, Bayabas St., Phase 7 Olivarez Homes	-	0.57	ABSENCE	ABSENCE	< 1
01/14/2021 11:55	S21-0432	Cistern Tank, Central Mall	-	0.07	ABSENCE	ABSENCE	< 1
01/13/2021 13:41	S21-0413	Biñan Doctor's Hospital	7.55 / 28.3	0.10	ABSENCE	ABSENCE	< 1
<b>BRGY. SANTO TOMAS</b>							
01/13/2021 09:13	S21-0411	Water Pump, Adelina Complex 3	7.60 / 27.4	0.17	ABSENCE	ABSENCE	< 1
01/14/2021 13:21	S21-0437	Water Pump, Pragmatic Subdivision	-	0.08	ABSENCE	ABSENCE	< 1
01/14/2021 13:30	S21-0438	Block 1 Lot 5, Bais St., Pragmatic	-	0.08	ABSENCE	ABSENCE	< 1
01/14/2021 12:33	S21-0427	Tawi Tawi St., Phase 6, South City Homes	-	0.60	ABSENCE	ABSENCE	1
01/14/2021 12:51	S21-0425	Water Pump, South Plains II Subdivision	-	0.10	ABSENCE	ABSENCE	< 1
01/14/2021 12:57	S21-0426	Block 11 Lot 2, South Plains II Subdivision	-	0.74	ABSENCE	ABSENCE	< 1
01/14/2021 14:15	S21-0433	Water Pump, Town & Country, Amsterdam	-	0.51	ABSENCE	ABSENCE	< 1
01/14/2021 14:26	S21-0434	Blk 35 Lt 21, Southville Town & Country	-	0.46	ABSENCE	ABSENCE	8
01/14/2021 14:39	S21-0435	Blk 2 Lt 5, Town & Country, Pennsylvania	-	0.53	ABSENCE	ABSENCE	< 1

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			pH/ Temperature <sup>A</sup> (- / °C)	RESIDUAL CHLORINE <sup>B</sup> (mg/L)	COLIFORM <sup>C</sup>		HPC <sup>D</sup> (CFU/mL)
					TOTAL (Coliforms/ 100mL)	FECAL/ <i>E. coli</i> (Coliforms/ 100 mL)	
01/14/2021 13:51	S21-0436	Blk 1 Lt 16, Phase 4, Olivarez Home South	-	0.67	ABSENCE	ABSENCE	< 1
<b>BRGY. SORO – SORO</b>							
01/13/2021 12:40	S21-0387	Water Pump, 9067 Manila S Road	-	1.94	ABSENCE	ABSENCE	< 1
01/13/2021 12:24	S21-0388	#76 Manila S Road	-	2.38	ABSENCE	ABSENCE	< 1
<b>BRGY. TUBIGAN</b>							
01/14/2021 12:01	S21-0428	#60 Florinda Compound	-	0.48	ABSENCE	ABSENCE	< 1
<b>BRGY. ZAPOTE</b>							
01/12/2021 09:53	S21-0295	Water Pump, Summer Breeze	-	0.35	ABSENCE	ABSENCE	1
01/12/2021 10:01	S21-0296	Clubhouse, Summer Breeze	-	0.33	ABSENCE	ABSENCE	< 1
01/12/2021 10:13	S21-0297	Elevated Water Tank, Evergreen	-	0.25	ABSENCE	ABSENCE	< 1
01/12/2021 10:23	S21-0298	Clubhouse, Evergreen	-	0.32	ABSENCE	ABSENCE	< 1
01/13/2021 09:41	S21-0422	Clubhouse, Althea	7.37 / 29.6	0.42	ABSENCE	ABSENCE	< 1
01/24/2021 12:54	S21-0676	Pump Station, Althea Residences	-	2.83	ABSENCE	ABSENCE	-

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

LEGEND: HPC – Heterotrophic Plate Count; CFU – Colony Forming Units; MDL – Method Detection Limit; LOQ – Limit of Quantification; NA – Not Applicable

DEVIATIONS: No deviation noted on sample collection and submission.


METHODS: A – Electrometric; B – Colorimetric; C- Enzyme Substrate; D – Pour Plate

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


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