



September 25, 2020

DR. MIRABELLE M. BENJAMIN
City Health Officer
Bifan City

Subject: Microbiological Examination Report –September 2020

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

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 (CHO)

SUMMARY OF LABORATORY ANALYSIS

NO. OF SAMPLES : 70

TOTAL PARAMETERS TESTED : 5

ANALYSIS DATE(S) : 09/01/2020-09/11/2020

DATE/TIME COLLECTED	SAMPLE CODE	SAMPLE LOCATION	PARAMETER				
			pH/ Temperature ^A (- / °C)	RESIDUAL CHLORINE ^B (mg/L)	COLIFORM ^C		HPC ^D (CFU/mL)
			MDL: NA LOQ: NA	MDL: 0.06 LOQ: 0.20	TOTAL (Coliforms/ 100mL)	FECAL/ <i>E. coli</i> (Coliforms/ 100 mL)	
BRGY. BIÑAN							
09/01/2020 12:40	S20-5569	Laguna Wellfield 1	8.74 / 27.5	0.12	ABSENCE	ABSENCE	< 1
09/09/2020 12:40	S20-5838	Guardhouse Entrance, Phase 4C, San Jose Village I	7.14 / 30.1	0.40	ABSENCE	ABSENCE	< 1
09/09/2020 13:12	S20-5839	Clubhouse, Phase 3B, San Jose Village I	7.21 / 29.7	0.35	ABSENCE	ABSENCE	< 1
09/09/2020 13:30	S20-5840	Pump 11, Phase 5, San Jose Village II	7.44 / 30.7	0.29	ABSENCE	ABSENCE	< 1
09/09/2020 13:44	S20-5841	Clubhouse, Phase 5, San Jose Village II	7.25 / 29.8	0.23	ABSENCE	ABSENCE	1
09/09/2020 14:17	S20-5842	Clubhouse, Phase 6, San Jose Village III	7.11 / 28.1	0.25	ABSENCE	ABSENCE	< 1
09/09/2020 14:39	S20-5843	Main Gate, AVIDA Shophouse	7.14 / 29.6	0.35	ABSENCE	ABSENCE	< 1
09/09/2020 12:28	S20-5844	De La Salle University and Technology Complex	7.12 / 29.4	0.27	ABSENCE	ABSENCE	< 1
BRGY. CANLALAY							
09/09/2020 11:40	S20-5855	Clubhouse, Golden City Canlalay	7.30 / 29.9	0.35	ABSENCE	ABSENCE	< 1
09/09/2020 12:00	S20-5856	Drinking Fountain, Canlalay Elementary School	7.38 / 29.6	0.36	ABSENCE	ABSENCE	1
BRGY. DELA PAZ							
09/09/2020 14:00	S20-5861	Water Pump, Almeda Subdivision	7.38 / 29.6	0.55	ABSENCE	ABSENCE	< 1
09/09/2020 14:20	S20-5862	Barangay Hall	7.30 / 28.7	0.48	ABSENCE	ABSENCE	< 1
BRGY. GANADO							
09/08/2020 08:30	S20-5743	Ganado Elementary School	7.33 / 29.3	0.47	ABSENCE	ABSENCE	< 1
BRGY. HALANG							
09/09/2020 10:30	S20-5851	9999 Water Pump Metroville Complex	7.46 / 28.9	0.56	ABSENCE	ABSENCE	< 1
09/09/2020 10:45	S20-5852	Clubhouse, Metroville Complex	7.31 / 29.1	0.41	ABSENCE	ABSENCE	< 1
		SAMPLE LOCATION	PARAMETER				

NOT VALID WITHOUT QR CODE



REVIEWED BY:

JETHRO D. ESCOBIN
Microbiology Unit Manager

CERTIFIED CORRECT BY:

ANNA KARLA S. GUTIERREZ, RMT
Laboratory Services Manager
License No(s). (PFC 0060968)

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DATE/TIME COLLECTED	SAMPLE CODE		pH/ Temperature ^A (- / °C) MDL: NA LOQ: NA	RESIDUAL CHLORINE ^B (mg/L) MDL: 0.06 LOQ: 0.20	COLIFORM ^C		HPC ^D (CFU/mL)
					TOTAL (Coliforms/ 100mL)	FECAL/ <i>E. coli</i> (Coliforms/ 100 mL)	
BRGY. LANGKIWA							
09/07/2020 09:44	S20-5664	Block 3 Lot 9, Phase II, Southville	7.35 / 29.7	0.20	ABSENCE	ABSENCE	< 1
09/09/2020 11:10	S20-5849	Drinking Fountain, Southville 5A National High School	7.18 / 29.7	0.20	ABSENCE	ABSENCE	< 1
09/09/2020 11:17	S20-5850	Drinking Fountain, Langkiwa Elementary School	7.14 / 30.5	0.22	ABSENCE	ABSENCE	< 1
BRGY. LOMA							
09/09/2020 10:01	S20-5845	Block 43 Lot 13, Celina Technopark	7.24 / 28.5	0.22	ABSENCE	ABSENCE	< 1
09/09/2020 10:39	S20-5847	Drinking Fountain, Loma Elementary School	7.30 / 29.6	0.25	ABSENCE	ABSENCE	< 1
09/10/2020 11:17	S20-5932	Brenna Model House, Block 90 Lot 5, Laguna Bel-Air III	7.23 / 27.7	0.41	ABSENCE	ABSENCE	-
09/10/2020 11:29	S20-5933	Hillcrest Road, Block 2 Laguna Bel-Air III	7.29 / 30.4	0.39	ABSENCE	ABSENCE	-
09/10/2020 11:40	S20-5934	Clubhouse, Laguna Bel-Air III	7.18 / 31.8	0.41	ABSENCE	ABSENCE	-
BRGY. MAMPLASAN							
09/09/2020 12:10	S20-5846	Clubhouse, Verdana Homes Subdivision	7.22 / 29.7	0.18	ABSENCE	ABSENCE	< 1
09/08/2020 08:10	S20-5744	United Laboratories (UNILAB) Inc.	7.40 / 29.4	0.50	ABSENCE	ABSENCE	< 1
BRGY. POBLACION							
09/09/2020 15:00	S20-5863	Water Pump, Poblacion	7.48 / 28.9	0.06	ABSENCE	ABSENCE	< 1
09/09/2020 15:15	S20-5864	Barangay Hall, Poblacion	7.30 / 29.0	0.03	ABSENCE	ABSENCE	< 1
BRGY. PLATERO							
09/07/2020 11:07	S20-5720	Elevated Water Tank, Mondo Bambini	7.17 / 28.5	0.23	ABSENCE	ABSENCE	3
09/07/2020 11:15	S20-5721	Clubhouse, Mondo Bambini	7.19 / 30.7	0.14	ABSENCE	ABSENCE	< 1
09/07/2020 11:28	S20-5722	Elevated Water Tank, Prima Casa	7.20 / 29.7	0.28	ABSENCE	ABSENCE	37
09/07/2020 11:38	S20-5723	Clubhouse, Prima Casa	7.35 / 30.7	0.22	ABSENCE	ABSENCE	< 1
09/07/2020 11:51	S20-5724	Water Pump, Spring Time	7.46 / 29.1	0.14	ABSENCE	ABSENCE	20
09/07/2020 12:30	S20-5725	Block 1 Lot 6, Spring Time	7.28 / 30.2	0.12	ABSENCE	ABSENCE	< 1
09/08/2020 08:58	S20-5746	Sea-oil, National Road	7.47 / 30.6	0.30	ABSENCE	ABSENCE	2
09/08/2020 09:39	S20-5748	Drinking Fountain, St. Michael School	7.42 / 29.5	0.03	ABSENCE	ABSENCE	< 1
BRGY. SAN ANTONIO							
09/08/2020 11:33	S20-5754	Biñan City Hall	7.47 / 29.3	0.45	ABSENCE	ABSENCE	< 1
09/08/2020 11:50	S20-5755	Alonte Stadium	7.32 / 29.6	0.40	ABSENCE	ABSENCE	< 1
09/08/2020 10:01	S20-5749	Water Pump, Margarita Homes Subdivision	7.41 / 28.3	0.28	ABSENCE	ABSENCE	1
09/08/2020 10:16	S20- 5750	Ibanez Residence, Margarita Homes	7.35 / 29.6	0.22	ABSENCE	ABSENCE	< 1

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Microbiology Unit Manager

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			pH/ Temperature ^A (- / °C)	RESIDUAL CHLORINE ^B (mg/L)	COLIFORM ^C		HPC ^D (CFU/mL)
					TOTAL (Coliforms/ 100mL)	FECAL/ <i>E. coli</i> (Coliforms/ 100 mL)	
MDL: NA LOQ: NA	MDL: 0.06 LOQ: 0.20						
09/09/2020 12:30	S20-5857	9022 Water Pump, Faraon Subdivision	7.45 / 28.5	0.28	ABSENCE	ABSENCE	< 1
09/08/2020 13:55	S20-5752	Nesa Inasal, Pavillion Mall	7.40 / 30.1	0.29	ABSENCE	ABSENCE	< 1
09/09/2020 11:37	S20-5848	Drinking Fountain, Jacobo Gonzales Memorial National High School	7.40 / 29.7	0.27	ABSENCE	ABSENCE	< 1
09/08/2020 10:40	S20-5751	Cistern Tank, Pavillion Mall	7.39 / 30.6	0.35	ABSENCE	ABSENCE	< 1
09/09/2020 12:40	S20-5858	Faraon Health Center	7.45 / 27.4	0.48	ABSENCE	ABSENCE	< 1
09/09/2020 13:01	S20-5859	Drinking Fountain 1, Faraon Elementary School	7.31 / 25.3	0.41	ABSENCE	ABSENCE	< 1
09/09/2020 13:15	S20-5860	Drinking Fountain 2, Faraon Elementary School	7.38 / 29.8	0.26	ABSENCE	ABSENCE	< 1
BRGY. SANTO NIÑO							
09/08/2020 11:14	S20-5753	Jollibee National Hi-Way	7.39 / 30.5	0.30	ABSENCE	ABSENCE	< 1
BRGY. SAN VICENTE							
09/08/2020 12:49	S20-5757	407 Water Pump, San Vicente Subdivision	7.26 / 29.6	0.11	ABSENCE	ABSENCE	< 1
09/07/2020 11:37	S20-5665	Drinking Fountain, San Vicente Elementary School	7.44 / 29.3	0.15	ABSENCE	ABSENCE	< 1
09/07/2020 09:22	S20-5666	Block 12 Lot 5, Papaya St., Phase 7 Olivarez Homes	7.37 / 29.6	0.22	ABSENCE	ABSENCE	< 1
09/07/2020 12:05	S20-5667	Cistern Tank, Central Mall	7.41 / 29.6	0.15	ABSENCE	ABSENCE	< 1
09/08/2020 09:16	S20-5747	Biñan Doctor's Hospital	7.25 / 29.7	0.05	ABSENCE	ABSENCE	1
BRGY. SANTO TOMAS							
09/08/2020 13:20	S20-5745	Water Pump, Adelina Subdivision	7.44 / 30.1	0.13	ABSENCE	ABSENCE	2
09/07/2020 13:15	S20-5672	Water Pump, Pragmatic Subdivision	7.32 / 30.1	0.10	ABSENCE	ABSENCE	< 1
09/07/2020 13:48	S20-5673	Block 1 Lot 5, Bais St., Pragmatic	7.29 / 30.6	0.05	ABSENCE	ABSENCE	< 1
09/07/2020 11:17	S20-5662	Tawi Tawi St., Phase 6, South City Homes	7.18 / 28.6	0.25	ABSENCE	ABSENCE	< 1
09/07/2020 10:47	S20-5660	Water Pump, South Plains II Subdivision	7.24 / 29.7	0.44	ABSENCE	ABSENCE	< 1
09/07/2020 11:02	S20-5661	Block 11 Lot 2, South Plains II Subdivision	7.29 / 30.1	0.35	ABSENCE	ABSENCE	< 1
09/07/2020 08:10	S20-5668	Water Pump, Town & Country, Amsterdam	7.18 / 29.7	0.35	ABSENCE	ABSENCE	< 1
09/07/2020 10:01	S20-5669	Blk 35 Lt 21, Town & Country, Amsterdam	7.25 / 28.6	0.27	ABSENCE	ABSENCE	< 1
09/07/2020 10:16	S20-5670	Blk 2 Lt 5, Town & Country, Pennsylvania	7.29 / 28.5	0.24	ABSENCE	ABSENCE	< 1
09/07/2020 12:59	S20-5671	Blk 1 Lt 16, Phase 4, Olivarez Home South	7.19 / 29.7	0.30	ABSENCE	ABSENCE	< 1
BRGY. SORO – SORO							
09/09/2020 11:00	S20-5853	Water Pump, 9067 Manila S Road	7.26 / 28.7	0.38	ABSENCE	ABSENCE	< 1
09/09/2020 11:15	S20-5854	#76 Manila S Road	7.21 / 28.6	0.30	ABSENCE	ABSENCE	< 1

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			pH/ Temperature ^A (- / °C)	RESIDUAL CHLORINE ^B (mg/L)	COLIFORM ^C		HPC ^D (CFU/mL)
					TOTAL (Coliforms/ 100mL)	FECAL/ <i>E. coli</i> (Coliforms/ 100 mL)	
BRGY. TUBIGAN							
09/07/2020 12:38	S20-5663	#60 Florinda Compound	7.20 / 28.9	0.40	ABSENCE	ABSENCE	<1
BRGY. ZAPOTE							
09/07/2020 10:23	S20-5716	Water Pump, Summer Breeze	6.58 / 27.7	0.31	ABSENCE	ABSENCE	<1
09/07/2020 10:31	S20-5717	Clubhouse, Summer Breeze	6.74 / 28.2	0.40	ABSENCE	ABSENCE	<1
09/07/2020 10:47	S20-5718	Elevated Water Tank, Evergreen	6.95 / 28.3	0.19	ABSENCE	ABSENCE	<1
09/07/2020 10:56	S20-5719	Clubhouse, Evergreen	7.07 / 29.3	0.27	ABSENCE	ABSENCE	<1
09/08/2020 10:56	S20-5756	Clubhouse, Althea	7.30 / 28.7	0.25	ABSENCE	ABSENCE	<1

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, 23rd Edition


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