

MICROBIOLOGICAL ANALYSIS OF SAMPLES FROM SOURCE AND CONSUMER'S TAPS - PROVINCE OF LAGUNA

CITY/MUNICIPALITY : BINAN	MONTH : DECEMBER	YEAR : 2017
DOH ACCREDITATION NO : 04A-010-16-LW-2	VALIDITY : December 31, 2018	DOCUMENT NO : 17WQM-MI-12-BIN

NO	SAMPLE LOCATION		DATE COLLECTED	Heterotrophic Plate Count (HPC) ¹			Coliforms/100 mL ²			
				CFU/mL			RESULT			
	ADDRESS	TYPE		DATE ANALYZED	ANALYZED BY	RESULT	DATE ANALYZED	ANALYZED BY	TOTAL	<i>E. coli</i>
BRGY. BINAN										
1	Laguna Well Field 1	S	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
2	Guardhouse Entrance, Phase 4C, San Jose Village I	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
3	Clubhouse, Phase 3B, San Jose Village I	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
4	Pump 11, Phase 5, San Jose Village II	S	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
4	Clubhouse, Phase 5, San Jose Village II	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
6	Clubhouse, Phase 6, San Jose Village III	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
BRGY. CANLALAY										
7	#136 A. Bonifacio St.	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
8	Golden City Canlalay Clubhouse	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
9	Canlalay Elementary School	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
BRGY. DELA PAZ										
10	Water Pump, Almeda	S	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
11	Barangay Hall	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
12	Drinking Fountain, Ganado Elementary School	D	19-Dec	19-Dec	KSG	< 1	19-Dec	KSG	ABSENCE	ABSENCE
Y. HALANG										
13	9999 WP Metroville Complex	S	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
14	Clubhouse, Metroville Complex	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
BRGY. LANGKIWA										
15	Block 3 Lot 9 Phase 2, Southville Langkiwa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
16	Block 65 Lot 5 Phase 1, Southville Langkiwa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
17	Block 20 Lot 7 Phase 3, Southville Langkiwa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
18	Block 26 Lot 8 Phase 1, Southville Langkiwa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
19	Block 18 Lot 11 Phase 4, Southville Langkiwa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
20	Block 31 Lot 27, Phase 3, Southville Langkiwa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE

BRGY. LOMA

21	Water Pump, Celina Mansion Subdivision	S	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
22	Block 1 Lot 5, Celina Mansion Subdivision	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
23	Water Pump, Block 4 Lot 37, Celina Technopark	S	19-Dec	19-Dec	KSG	40	19-Dec	KSG	ABSENCE	ABSENCE
24	Block 43 Lot 13, Celina Technopark	D	19-Dec	19-Dec	KSG	NT	19-Dec	KSG	ABSENCE	ABSENCE
25	Block 8, Laguna Bel-Air 3	S	19-Dec	19-Dec	KSG	28	19-Dec	KSG	ABSENCE	ABSENCE
26	Brenna Model House, Block 90 Lot 5, Laguna Bel-Air 3	D	19-Dec	19-Dec	KSG	NT	19-Dec	KSG	ABSENCE	ABSENCE
27	Block 2, Phase 4, Laguna Bel-Air 3	S	19-Dec	19-Dec	KSG	3	19-Dec	KSG	ABSENCE	ABSENCE
28	Hilcrest Road, Block 2, Laguna Bel-Air 3	D	19-Dec	19-Dec	KSG	NT	19-Dec	KSG	ABSENCE	ABSENCE
29	Block 50, Phase 2, Laguna Bel-Air 3	S	19-Dec	19-Dec	KSG	1	19-Dec	KSG	ABSENCE	ABSENCE
30	Clubhouse, Laguna Bel-Air 3	D	19-Dec	19-Dec	KSG	NT	19-Dec	KSG	ABSENCE	ABSENCE
31	Drinking Fountain, Loma Elementary School	D	19-Dec	19-Dec	KSG	NT	19-Dec	KSG	ABSENCE	ABSENCE

BRGY. MALAMIG

	Block 10 Lot 7	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
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BRGY. MAMPLASAN

33	Clubhouse, Verdana Homes Subdivision	D	19-Dec	19-Dec	KSG	< 1	19-Dec	KSG	ABSENCE	ABSENCE
34	United Laboratories (UNILAB) Inc.	D	19-Dec	19-Dec	KSG	NT	19-Dec	KSG	ABSENCE	ABSENCE

BRGY. POBLACION

35	Brgy. Hall	S	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
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BRGY. PLATERO

36	Drinking Fountain, St. Michael School of Biñan	D	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
37	Sea-oil, National Road	D	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE

BRGY. SAN ANTONIO

38	Biñan City Hall	S	12-Dec	12-Dec	KSG	19	12-Dec	KSG	ABSENCE	ABSENCE
39	Alonte Stadium	D	12-Dec	12-Dec	KSG	NT	12-Dec	KSG	ABSENCE	ABSENCE
40	9022 Water Pump (WP) Faraon Subdivision	S	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
41	Health Center, Malaban	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
42	Drinking Fountain 1, Faraon Elementary School	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
43	Drinking Fountain 2, Faraon Elementary School	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
44	B5 L12 Margarita Homes Subdivision	D	18-Dec	18-Dec	KSG	48	18-Dec	KSG	ABSENCE	ABSENCE
45	Cistern Tank, Pavillion Mall	D	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
46	Nesa Inasal, Pavillion Mall	D	18-Dec	18-Dec	KSG	11	18-Dec	KSG	ABSENCE	ABSENCE

BRGY. SANTO NIÑO

47	Jollibee National Hi-Way	D	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
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BRGY. SAN VICENTE

48	407 San Vicente	S	12-Dec	12-Dec	KSG	NT	12-Dec	KSG	ABSENCE	ABSENCE
49	San Vicente Elementary School	D	12-Dec	12-Dec	KSG	< 1	12-Dec	KSG	ABSENCE	ABSENCE
50	B12 L5, Papaya St., Olivarez 7	D	12-Dec	12-Dec	KSG	3	12-Dec	KSG	ABSENCE	ABSENCE
51	Biñan Doctors Hospital	D	18-Dec	18-Dec	KSG	23	18-Dec	KSG	ABSENCE	ABSENCE

BRGY. SANTO TOMAS

52	Gate Entrance, Adelina Complex III Subdivision	D	12-Dec	12-Dec	KSG	NT	12-Dec	KSG	ABSENCE	ABSENCE
53	Block 2 Lot 14, Phase 1B, Olivarez Homes South	D	12-Dec	12-Dec	KSG	18	12-Dec	KSG	ABSENCE	ABSENCE
54	B1 L16, Phase 4, Olivarez Homes South	S	12-Dec	12-Dec	KSG	NT	12-Dec	KSG	ABSENCE	ABSENCE
55	Pump House, Kalibo St., South City Homes	S	12-Dec	12-Dec	KSG	< 1	12-Dec	KSG	ABSENCE	ABSENCE
56	Block 5 Lot 2, Main St., Pragmatic	D	12-Dec	12-Dec	KSG	NT	13-Dec	KSG	ABSENCE	ABSENCE
57	Block 5 Lot 2, South City Homes	D	12-Dec	12-Dec	KSG	NT	12-Dec	KSG	ABSENCE	ABSENCE
58	Deepwell 3, Phase XI, South City Homes	S	12-Dec	12-Dec	KSG	NT	12-Dec	KSG	ABSENCE	ABSENCE
59	Tawi Tawi St., Phase 6, South City Homes	D	12-Dec	12-Dec	KSG	44	13-Dec	KSG	ABSENCE	ABSENCE
60	Pump, South Plains II Subdivision	S	12-Dec	12-Dec	KSG	< 1	12-Dec	KSG	ABSENCE	ABSENCE
61	Block 11 Lot 2, South Plains II Subdivision	D	12-Dec	12-Dec	KSG	NT	12-Dec	KSG	ABSENCE	ABSENCE
62	Pump, Amsterdam St., Phase 2, Town & Country	S	12-Dec	12-Dec	KSG	< 1	12-Dec	KSG	ABSENCE	ABSENCE
63	Block 35 Lot 21, Town & Country	D	12-Dec	12-Dec	KSG	NT	12-Dec	KSG	ABSENCE	ABSENCE
64	Block 2 Lot 5, Town & Country - Pennsylvania	D	12-Dec	12-Dec	KSG	< 1	12-Dec	KSG	ABSENCE	ABSENCE

BRGY. SORO - SORO

65	9067 Soro-soro	S	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
66	#76 Soro-Soro	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE

BRGY. TUBIGAN

67	#60 Florinda Compound	D	15-Dec	15-Dec	KSG	NT	15-Dec	KSG	ABSENCE	ABSENCE
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BRGY. ZAPOTE

68	Water Pump, Althea	S	12-Dec	12-Dec	KSG	< 1	12-Dec	KSG	ABSENCE	ABSENCE
69	Gate Entrance, Althea	D	12-Dec	12-Dec	KSG	NT	12-Dec	KSG	ABSENCE	ABSENCE

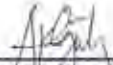
TOTAL SAMPLES ANALYZED		69	PNSDW LIMIT (MAL)		<500				ABSENCE	ABSENCE
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REMARKS: Samples analyzed as submitted

LEGEND: S - Source, D - Distribution, MAL - Maximum Allowable Limit, NT - Not Tested

METHODS USED: 1-Pour Plate, 2-Enzyme Substrate (Coliforms-18)

CERTIFIED CORRECT:


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MICROBIOLOGICAL ANALYSIS OF SAMPLES FROM SOURCE AND CONSUMER'S TAPS - PROVINCE OF LAGUNA

CITY/MUNICIPALITY : SANTA ROSA	MONTH : DECEMBER	YEAR : 2017
DOH ACCREDIATION NO : 04A-010-16-LW-2	VALIDITY : December 31, 2018	DOCUMENT NO : 17WQM-MI-12-STR

NO	SAMPLE LOCATION		DATE COLLECTED	Heterotrophic Plate Count (HPC) ⁴ CFU/mL			Coliforms/100 mL ²			
	ADDRESS	TYPE		DATE ANALYZED	ANALYZED BY	RESULT	DATE ANALYZED	ANALYZED BY	RESULT	
									TOTAL	<i>E. coli</i>
JY. BALIBAGO										
1	#1354 Facundo Compound	D	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
2	5555 Water Pump Elevated, South Hampton	S	5-Dec	5-Dec	KSG	< 1	5-Dec	KSG	ABSENCE	ABSENCE
3	Clubhouse, South Hampton	D	5-Dec	5-Dec	KSG	NT	5-Dec	KSG	ABSENCE	ABSENCE
4	Block 5 Lot 25, JB Village, Sta. Rosa Tagaytay Road	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
5	Cistern Tank, Waltermart Sta. Rosa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
6	2nd Floor Faucet, Waltermart Sta. Rosa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
BRGY. CAINGIN										
7	Block 57, Phase 1, Southville	S	21-Dec	21-Dec	KSG	23	21-Dec	KSG	ABSENCE	ABSENCE
8	Block 25 Lot 7, Phase 3, Southville	D	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
BRGY. DILA										
9	Phase 3E, Mabuhay Homes 2000	S	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
10	Block 2 Lot 10, Mabuhay Homes 2000	D	21-Dec	21-Dec	KSG	6	21-Dec	KSG	ABSENCE	ABSENCE
11	Block 12, Phase 2E, Mabuhay Homes 2000	S	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
12	Block 13 Lot 5, Phase 2E, Mabuhay Homes 2000	D	21-Dec	21-Dec	KSG	< 1	21-Dec	KSG	ABSENCE	ABSENCE
PRGY. DITA										
13	Block 24 Lot 2, New Santa Rosa Homes	S	21-Dec	21-Dec	KSG	< 1	21-Dec	KSG	ABSENCE	ABSENCE
14	Block 19 Lot 11, New Santa Rosa Homes	D	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
15	Block 4 Lot 32, San Lorenzo Royale	S	5-Dec	5-Dec	KSG	NT	5-Dec	KSG	ABSENCE	ABSENCE
16	Block 11 Lot 52, San Lorenzo Royale	D	5-Dec	5-Dec	KSG	3	5-Dec	KSG	ABSENCE	ABSENCE
17	Water Tank, SolCar Ville Subdivision	S	5-Dec	5-Dec	KSG	NT	5-Dec	KSG	ABSENCE	ABSENCE
18	Block 3 Lot 7, SolCar Ville Subdivision	D	5-Dec	5-Dec	KSG	44	5-Dec	KSG	ABSENCE	ABSENCE
19	Alabaster St., Villa Esmeralda	D	5-Dec	5-Dec	KSG	< 1	5-Dec	KSG	ABSENCE	ABSENCE
20	#1780 National Road	D	21-Dec	21-Dec	KSG	< 1	21-Dec	KSG	ABSENCE	ABSENCE
21	R & B Ice Plant, Inc.	D	5-Dec	5-Dec	KSG	< 1	5-Dec	KSG	ABSENCE	ABSENCE
22	Block 7 Lot 62, Phase 3, Laguna Bel-Air	S	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE

23	Science HighSchool, Phase 1, Laguna Bel-Air	D	18-Dec	18-Dec	KSG	21	18-Dec	KSG	ABSENCE	ABSENCE
24	Block 34 Lot 14, Phase 1, Laguna Bel-Air	S	18-Dec	18-Dec	KSG	< 1	18-Dec	KSG	ABSENCE	ABSENCE
25	Block 34 Lot 59, Phase 1, Laguna Bel-Air	D	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
26	Clubhouse, Block 62, Laguna Bel-Air	D	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
27	Water Pump, Block 71, Phase 4, Laguna Bel-Air	S	18-Dec	18-Dec	KSG	14	18-Dec	KSG	ABSENCE	ABSENCE
28	Church, Block 108, Phase 5, Laguna Bel-Air	D	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
29	1NR Block 43, Laguna Bel-Air IV	S	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
30	Block 47 Lot 12 Laguna Bel-Air IV	D	18-Dec	18-Dec	KSG	< 1	18-Dec	KSG	ABSENCE	ABSENCE
31	8001, Pump 1, Acacia St., Santa Rosa Village I	S	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
32	Clubhouse, Phase 4B, Santa Rosa Village I	D	18-Dec	18-Dec	KSG	6	18-Dec	KSG	ABSENCE	ABSENCE
33	Clubhouse, Santa Rosa Village II	D	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
34	Pump 9 & 10, Rembrandt St., Santa Rosa Estates I	S	18-Dec	18-Dec	KSG	< 1	18-Dec	KSG	ABSENCE	ABSENCE
35	Clubhouse, Santa Rosa Estates I	D	18-Dec	18-Dec	KSG	NT	18-Dec	KSG	ABSENCE	ABSENCE
	Reservoir, Hacienda Sta. Elena	D	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
BRGY. KANLURAN										
37	Block 18 Lot 2, Alfonso Homes I	D	21-Dec	21-Dec	KSG	< 1	21-Dec	KSG	ABSENCE	ABSENCE
38	#621 Rizal Boulevard	D	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
BRGY. MACABLING										
39	Deepwell, Buena Rosa 9 Subdivision	S	4-Dec	4-Dec	KSG	< 1	4-Dec	KSG	ABSENCE	ABSENCE
40	Block 4 Lot 26, Phase 2, Buena Rosa 9 Subdivision	D	4-Dec	4-Dec	KSG	NT	4-Dec	KSG	ABSENCE	ABSENCE
41	Deepwell, Corinthian Subdivision	S	4-Dec	4-Dec	KSG	< 1	4-Dec	KSG	ABSENCE	ABSENCE
42	Block 11 Lot 19, Corinthian Subdivision	D	4-Dec	4-Dec	KSG	NT	4-Dec	KSG	ABSENCE	ABSENCE
43	Block 6 Lot 18, Rosemont Subdivision	D	4-Dec	4-Dec	KSG	8	4-Dec	KSG	ABSENCE	ABSENCE
44	Water Pump, Metrogate	S	4-Dec	4-Dec	KSG	2	4-Dec	KSG	ABSENCE	ABSENCE
45	Clubhouse, Metrogate	D	4-Dec	4-Dec	KSG	NT	4-Dec	KSG	ABSENCE	ABSENCE
BRGY. MALITLIT										
46	Block 1 Lot 1, Casan Residencia Subdivision	D	5-Dec	5-Dec	KSG	NT	5-Dec	KSG	ABSENCE	ABSENCE
47	Block 3 Lot 1, Phase 1A Annex, San Lorenzo Subd.	S	5-Dec	5-Dec	KSG	NT	5-Dec	KSG	ABSENCE	ABSENCE
48	Block 5 Lot 25, Phase 1A Annex, San Lorenzo Subd.	D	5-Dec	5-Dec	KSG	< 1	5-Dec	KSG	ABSENCE	ABSENCE
	Main Road, Phase 2, Terra Fortuna	S	5-Dec	5-Dec	KSG	NT	5-Dec	KSG	ABSENCE	ABSENCE
50	Block 11 Lot 16, Terra Fortuna	D	5-Dec	5-Dec	KSG	< 1	5-Dec	KSG	ABSENCE	ABSENCE
51	9999 W, Villa Las Casas	S	5-Dec	5-Dec	KSG	NT	5-Dec	KSG	ABSENCE	ABSENCE
52	Block 1 Lot 17, Villa Las Casas	D	5-Dec	5-Dec	KSG	7	5-Dec	KSG	ABSENCE	ABSENCE
BRGY. MALUSAK										
53	Drinking Fountain 1, Central 1 Elementary Sch.	D	13-Dec	13-Dec	KSG	< 1	13-Dec	KSG	ABSENCE	ABSENCE
54	Drinking Fountain 2, Central 1 Elementary Sch.	D	13-Dec	13-Dec	KSG	< 1	13-Dec	KSG	ABSENCE	ABSENCE
55	Drinking Fountain 3, Central 1 Elementary Sch.	D	13-Dec	13-Dec	KSG	< 1	13-Dec	KSG	ABSENCE	ABSENCE
BRGY. MARKET AREA										
56	Source, Market Area	S	4-Dec	4-Dec	KSG	< 1	4-Dec	KSG	ABSENCE	ABSENCE

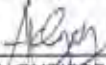
57	Block 8 Lot 4, Terry Town West	D	4-Dec	4-Dec	KSG	NT	4-Dec	KSG	ABSENCE	ABSENCE
BRGY. POOC										
58	Deepwell, Alinsod	S	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
59	Tank, Villa Mercedes	S	21-Dec	21-Dec	KSG	1	21-Dec	KSG	ABSENCE	ABSENCE
60	Block 2 Lot 1, Villa Mercedes	D	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
BRGY. PULONG SANTA CRUZ										
61	Drinking Fountain, Pulong Sta. Cruz Elementary Sch.	D	21-Dec	21-Dec	KSG	< 1	21-Dec	KSG	ABSENCE	ABSENCE
62	Wash Area, Pulong Sta. Cruz Elementary Sch.	D	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
63	Block 6 Lot 8, Buklod Diwa	D	21-Dec	21-Dec	KSG	NT	21-Dec	KSG	ABSENCE	ABSENCE
BRGY. SINALHAN										
64	Block 8 Lot 16, Bayshore III	D	4-Dec	4-Dec	KSG	14	4-Dec	KSG	ABSENCE	ABSENCE
65	Block 5 Lot 7, Bayshore I	S	4-Dec	4-Dec	KSG	NT	4-Dec	KSG	ABSENCE	ABSENCE
66	4026, Sinalhan Road, Purok 2	S	4-Dec	4-Dec	KSG	NT	4-Dec	KSG	ABSENCE	ABSENCE
67	Amoranto Compound, Phase 2, Sinalhan	D	4-Dec	4-Dec	KSG	< 1	4-Dec	KSG	ABSENCE	ABSENCE
BRGY. SANTO DOMINGO										
68	Clubhouse Santa Rosa Estates II	D	18-Dec	18-Dec	KSG	< 1	18-Dec	KSG	ABSENCE	ABSENCE
BRGY. TAGAPO										
69	Water Pump, Fairfield of Margana Subdivision	S	13-Dec	13-Dec	KSG	2	13-Dec	KSG	ABSENCE	ABSENCE
70	Block 1 Lot 18, Fairfield of Margana Subdivision	D	13-Dec	13-Dec	KSG	< 1	13-Dec	KSG	ABSENCE	ABSENCE
71	Water Pump, Rosewood Homes I	S	13-Dec	13-Dec	KSG	8	13-Dec	KSG	ABSENCE	ABSENCE
72	Block 3 Lot 31, Rosewood Homes I	D	13-Dec	13-Dec	KSG	< 1	13-Dec	KSG	ABSENCE	ABSENCE
73	Block 4 Lot 1, Rosewood Homes II	D	5-Dec	5-Dec	KSG	NT	5-Dec	KSG	ABSENCE	ABSENCE
74	#31 JP Rizal Boulevard	D	5-Dec	5-Dec	KSG	< 1	5-Dec	KSG	ABSENCE	ABSENCE
76	Clubhouse, Buena Rosa 1 Subdivision	D	4-Dec	4-Dec	KSG	NT	4-Dec	KSG	ABSENCE	ABSENCE
77	Block 1 Lot 64, Buena Rosa 10 Subdivision	D	5-Dec	5-Dec	KSG	NT	5-Dec	KSG	ABSENCE	ABSENCE
78	Cistern Tank, SM Sta. Rosa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
79	Admin Pantry, SM Sta. Rosa	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
80	Cistern Tank, Robinson's Mall	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
81	Chummie Shawarma, Robinson's Mall	D	28-Dec	28-Dec	KSG	NT	28-Dec	KSG	ABSENCE	ABSENCE
TOTAL SAMPLES ANALYZED		81	PNSDW LIMIT (MAL)			<500			ABSENCE	ABSENCE

REMARKS: Samples analyzed as submitted

LEGEND: **S** - Source, **D** - Distribution, **MAL** - Maximum Allowable Limit, **NT** - NOT TESTED

METHODS USED: ¹Pour Plate, ²Enzyme Substrate (Colifort®-18)

CERTIFIED CORRECT:



ANNA KARLA S. GUTIERREZ, RMT
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Laboratory Services Manager
PRC License No. 0054161

LAGUNA AAAWATER CORPORATION
OPERATIONS DEPARTMENT
LABORATORY SERVICES

MICROBIOLOGICAL ANALYSIS OF SAMPLES FROM SOURCE AND CONSUMER'S TAPS - PROVINCE OF LAGUNA

CITY/MUNICIPALITY : CABUYAO	MONTH : DECEMBER	YEAR : 2017
DOH ACCREDITATION NO : 04A-010-16-LW-2	VALIDITY : December 31, 2018	DOCUMENT NO : 17WQM-MI-12-CAB

NO	SAMPLE LOCATION		DATE COLLECTED	Heterotrophic Plate Count (HPC) ¹ CFU/mL			Coliforms/100 mL ²			
				DATE ANALYZED	ANALYZED BY	RESULT	DATE ANALYZED	ANALYZED BY	RESULT	
	ADDRESS	TYPE							TOTAL	<i>E. coli</i>
BRGY. BANAY-BANAY										
1	Water Pump, Block 63, Lakeside Nest Subdivision	S	11-Dec	11-Dec	KSG	< 1	11-Dec	KSG	ABSENCE	ABSENCE
2	Block 12, Lot 5, Phase 4, Lakeside Nest Subdivision	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
BRGY. BANLIC										
3	Water Pump, Gran Seville Subdivision	S	1-Dec	1-Dec	KSG	NT	1-Dec	KSG	ABSENCE	ABSENCE
4	Gate Entrance, Gran Seville Subdivision	D			KSG	NT		KSG	ABSENCE	ABSENCE
BRGY. BIGAA										
5	#253 Elsol Subdivision	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
BRGY. GULOD										
6	Block 12, Noah St., Celestine Ville	S	11-Dec	11-Dec	KSG	2	11-Dec	KSG	ABSENCE	ABSENCE
7	Guardhouse, Celestine Ville	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
BRGY. MAMATID										
8	Tank, Buena Rosario Subdivision	S	27-Dec	27-Dec	KSG	1	27-Dec	KSG	ABSENCE	ABSENCE
9	Block 7 Lot 6, Buena Rosario Subdivision	D	27-Dec	27-Dec	KSG	9	27-Dec	KSG	ABSENCE	ABSENCE
10	Block 101 Samar st., Phase 2, Mabuhay City	S	27-Dec	27-Dec	KSG	< 1	27-Dec	KSG	ABSENCE	ABSENCE
	Block 95 Lot 57, Guimaras St., Phase 1, Mabuhay City	D	27-Dec	27-Dec	KSG	< 1	27-Dec	KSG	ABSENCE	ABSENCE
	Block 141, Carmona St., Phase 2, Mabuhay City	S	11-Dec	11-Dec	KSG	16	11-Dec	KSG	ABSENCE	ABSENCE
13	Block 134 Lot 22, Phase 2, Mabuhay City	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
14	Block 198, Galacia St., Phase 2, Mabuhay City	S	11-Dec	11-Dec	KSG	< 1	11-Dec			
15	Block 222 Lot 20, Mabuhay Ave, Phase 2, Mabuhay	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
16	Panganig St., Phase 3 Cluster, Mabuhay City	S	11-Dec	11-Dec	KSG	< 1	11-Dec	KSG	ABSENCE	ABSENCE
17	Block 1 Lot 17, Dizon St., Phase 3 Cluster, Mabuhay	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
18	Block 22 Lot 70, Phase 3 Luxury, Mabuhay City	S	11-Dec	11-Dec	KSG	< 1	11-Dec	KSG	ABSENCE	ABSENCE
19	Block 19 Lot 13, Malang St., Phase 3 Luxury, Mabuhay	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
20	Joshua St., Phase 5, Mabuhay City	S	11-Dec	11-Dec	KSG	11	11-Dec	KSG	ABSENCE	ABSENCE
21	Block 31 Lot 134, Joshua St., Phase 5, Mabuhay City	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE

22	Source, Phase 1E Mabuhay Executive	S	27-Dec	27-Dec	KSG	< 1	27-Dec	KSG	ABSENCE	ABSENCE
23	Block 236 Lot 9, Phase 1E Mabuhay Executive	D	27-Dec	27-Dec	KSG	< 1	27-Dec	KSG	ABSENCE	ABSENCE
BRGY. MARINIG										
24	Block 3 Lot 17, Phase 1, Celestine Homes	S	11-Dec	11-Dec	KSG	< 1	11-Dec	KSG	ABSENCE	ABSENCE
25	Block 23, Lot 10, Phase 1, Celestine Homes	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
26	Block 9, Carnation St., Phase 2, Celestine Homes	S	11-Dec	11-Dec	KSG	< 1	11-Dec	KSG	ABSENCE	ABSENCE
27	Block 13 Lot 2, Phase 2, Celestine Homes	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
28	Block 25, Phase 3, Southville	S	11-Dec	11-Dec	KSG	41	11-Dec	KSG	ABSENCE	ABSENCE
29	Block 19 Lot 33, Phase 3, Southville	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
BRGY. NIUGAN										
30	Block 2 Lot 6, St. Francis Homes 6	D	11-Dec	11-Dec	KSG	1	11-Dec	KSG	ABSENCE	ABSENCE
31	Block 45, Phase 8, Southville	S	11-Dec	11-Dec	KSG	< 1	11-Dec	KSG	ABSENCE	ABSENCE
32	Block 40 Lot 132, Southville	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
33	Block 54, Phase 10, Southville	S	11-Dec	11-Dec	KSG	< 1	11-Dec	KSG	ABSENCE	ABSENCE
34	Block 47 Lot 101, Phase 10, Southville	D	11-Dec	11-Dec	KSG	NT	11-Dec	KSG	ABSENCE	ABSENCE
BRGY. PULO										
35	Water Pump, Block 12 Lot 22, Cabuyao Central	S	13-Dec	13-Dec	KSG	< 1	13-Dec	KSG	ABSENCE	ABSENCE
36	Clubhouse, Narra Avenue, Cabuyao Central	D	13-Dec	13-Dec	KSG	< 1	13-Dec	KSG	ABSENCE	ABSENCE
37	Water Pump, Block 11, Willow Park Homes	S	27-Dec	27-Dec	KSG	14	27-Dec	KSG	ABSENCE	ABSENCE
38	Clubhouse, Willow Park Homes	D	27-Dec	27-Dec	KSG	< 1	27-Dec	KSG	ABSENCE	ABSENCE
BRGY. SALA										
39	Gate Entrance, Main St., Multiland III	D	11-Dec	11-Dec	KSG	< 1	11-Dec	KSG	ABSENCE	ABSENCE
BRGY. SAN ISIDRO										
40	Block 3 Lot 33, Multiland IV	D	27-Dec	27-Dec	KSG	< 1	27-Dec	KSG	ABSENCE	ABSENCE
41	Water Pump, San Isidro Heights Subdivision	S	27-Dec	27-Dec	KSG	15	27-Dec	KSG	ABSENCE	ABSENCE
42	Block 3 Lot 1, San Isidro Heights Subdivision	D	27-Dec	27-Dec	KSG	< 1	27-Dec	KSG	ABSENCE	ABSENCE
TOTAL SAMPLES ANALYZED		42	PNSDW LIMIT (MAL)			<500			ABSENCE	ABSENCE

REMARKS: Samples analyzed as submitted

LEGEND: S - Source, D - Distribution, MAL - Maximum Allowable Limit, NT - Not Tested

DOGS USED: *Rhur Plate, *Enzyme Substrate (Coli-tek®-18)

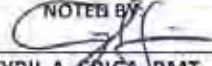
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Page 2 of 2

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PHYSICAL ANALYSIS OF SAMPLES FROM SOURCE AND CONSUMER'S TAPS - PROVINCE OF LAGUNA

CITY/MUNICIPALITY : BINAN	MONTH : NOVEMBER	YEAR : 2017
DOH ACCREDITATION NO : 04A-010-16-LW-2	VALIDITY : December 31, 2018	DOCUMENT NO : 17WQM-PY-11-BIN

NO	SAMPLE LOCATION ADDRESS	TYPE	DATE COLLECTED	Color (Apparent) ¹ ACU			Turbidity ² NTU			*pH/Temperature ³ -/°C			*Residual Chlorine ⁴ mg/L			Taste and Odor ⁵			
				ANALYSIS		RESULT	ANALYSIS		RESULT	ANALYSIS		RESULT	ANALYSIS		RESULT	ANALYSIS		RESULT	
				DATE	BY		DATE	BY		DATE	BY		DATE	BY		DATE	BY		TASTE
BRGY. BINAN																			
1	Laguna Well Field 1	S	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.57/26.8	27-Nov	EPP	0.69	28-Nov	DDD	UO	UO
2	Guardhouse Entrance, Phase 4C, San Jose Village I	D	29-Nov	29-Nov	DDD	< 2	29-Nov	DDD	0.20	29-Nov	EPP	7.48/27.6	29-Nov	EPP	0.57	29-Nov	DDD	UO	UO
3	Clubhouse, Phase 3B, San Jose Village I	D	29-Nov	29-Nov	DDD	< 2	29-Nov	DDD	0.25	29-Nov	EPP	7.61/28.0	29-Nov	EPP	0.69	29-Nov	DDD	UO	UO
4	Clubhouse, Phase 5, San Jose Village II	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.39/28.2	27-Nov	EPP	0.66	28-Nov	DDD	UO	UO
5	Clubhouse, Phase 6, San Jose Village III	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.25	27-Nov	EPP	7.52/28.2	27-Nov	EPP	0.69	28-Nov	DDD	UO	UO
BRGY. GANADO																			
6	Drinking Fountain, Ganado Elementary School	D	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.10	22-Nov	EPP	8.08/28.8	22-Nov	EPP	0.57	23-Nov	DDD	UO	UO
BRGY. LANGKIWA																			
7	Block 3 Lot 9 Phase 2, Southville Langkiwa	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.20	27-Nov	EPP	7.86/30.1	27-Nov	EPP	0.69	28-Nov	DDD	UO	UO
8	Block 65 Lot 1 Phase 1, Southville Langkiwa	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.20	27-Nov	EPP	7.78/28.2	27-Nov	EPP	0.71	28-Nov	DDD	UO	UO
9	Block 20 Lot 7 Phase 3, Southville Langkiwa	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.20	27-Nov	EPP	7.59/28.4	27-Nov	EPP	0.55	28-Nov	DDD	UO	UO
10	Block 26 Lot 8 Phase 1, Southville Langkiwa	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.48/28.7	27-Nov	EPP	0.63	28-Nov	DDD	UO	UO
11	Block 18 Lot 11 Phase 4, Southville Langkiwa	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.67/29.2	27-Nov	EPP	0.47	28-Nov	DDD	UO	UO
12	Block 31 Lot 27, Phase 3, Southville Langkiwa	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.69/28.0	27-Nov	EPP	0.47	28-Nov	DDD	UO	UO
Y. LOMA																			
13	Water Pump, Celina Mansion Subdivision	S	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.50/27.6	27-Nov	EPP	0.32	28-Nov	DDD	UO	UO
14	Block 1 Lot 5, Celina Mansion Subdivision	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.10	27-Nov	EPP	7.43/27.7	27-Nov	EPP	0.32	28-Nov	DDD	UO	UO
15	Water Pump, Block 4 Lot 37, Celina Technopark	S	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.35	27-Nov	EPP	7.63/28.0	27-Nov	EPP	0.57	28-Nov	DDD	UO	UO
16	Block 43 Lot 13, Celina Technopark	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.25	27-Nov	EPP	7.50/28.3	27-Nov	EPP	0.54	28-Nov	DDD	UO	UO
17	Block 8, Laguna Bel-Air 3	S	28-Nov	29-Nov	DDD	< 2	29-Nov	DDD	0.10	28-Nov	EPP	7.76/28.4	28-Nov	EPP	0.68	29-Nov	DDD	UO	UO
18	Brenna Model House, Block 90 Lot 5, Laguna Bel-Air 3	D	28-Nov	29-Nov	DDD	< 2	29-Nov	DDD	0.15	28-Nov	EPP	7.71/29.2	28-Nov	EPP	0.66	29-Nov	DDD	UO	UO
19	Block 2, Phase 4, Laguna Bel-Air 3	S	28-Nov	29-Nov	DDD	< 2	29-Nov	DDD	0.10	28-Nov	EPP	7.71/28.5	28-Nov	EPP	< 0.20	29-Nov	DDD	UO	UO
20	Hilcrest Road, Block 2, Laguna Bel-Air 3	D	28-Nov	29-Nov	DDD	< 2	29-Nov	DDD	0.15	28-Nov	EPP	7.83/28.7	28-Nov	EPP	< 0.20	29-Nov	DDD	UO	UO
21	Block 50, Phase 2, Laguna Bel-Air 3	S	28-Nov	29-Nov	DDD	< 2	29-Nov	DDD	0.10	28-Nov	EPP	7.81/29.0	28-Nov	EPP	0.59	29-Nov	DDD	UO	UO
22	Clubhouse, Laguna Bel-Air 3	D	28-Nov	29-Nov	DDD	< 2	29-Nov	DDD	0.10	28-Nov	EPP	7.75/30.0	28-Nov	EPP	0.58	29-Nov	DDD	UO	UO
23	Drinking Fountain, Loma Elementary School	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	28-Nov	DDD	MT	28-Nov	DDD	NT	28-Nov	DDD	UO	UO

BRGY. MALAMIG																			
24	Block 10 Lot 7	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.56/27.8	27-Nov	EPP	0.57	28-Nov	DDD	UO	UO
BRGY. MAMPLASAN																			
25	Tank, Verdana Homes Subdivision	S	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.77/27.7	27-Nov	EPP	0.68	28-Nov	DDD	UO	UO
26	Clubhouse, Verdana Homes Subdivision	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.90/28.7	27-Nov	EPP	0.69	28-Nov	DDD	UO	UO
27	United Laboratories (UNILAB) Inc.	D	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.10	22-Nov	EPP	7.98/28.1	22-Nov	EPP	0.66	23-Nov	DDD	UO	UO
BRGY. SAN ANTONIO																			
28	Biñan City Hall	S	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.40	22-Nov	EPP	7.81/28.1	22-Nov	EPP	< 0.20	23-Nov	DDD	UO	UO
29	Alonte Stadium	D	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.55	22-Nov	EPP	7.66/28.5	22-Nov	EPP	2.24	23-Nov	DDD	UO	UO
BRGY. SANTO TOMAS																			
30	Gate Entrance, Adelina Complex III Subdivision	D	28-Nov	29-Nov	DDD	< 2	29-Nov	DDD	0.20	28-Nov	EPP	7.69/31.4	28-Nov	EPP	0.71	29-Nov	DDD	UO	UO
31	Block 2 Lot 14, Phase 1B, Olivarez Homes South	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.63/27.6	27-Nov	EPP	0.72	28-Nov	DDD	UO	UO
	Block 2 Lot 14, Phase 4, Olivarez Homes South	S	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.15	27-Nov	EPP	7.81/27.4	27-Nov	EPP	0.67	28-Nov	DDD	UO	UO
	Pump, Amsterdam St., Phase 2, Town & Country	S	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.35	27-Nov	EPP	7.72/28.3	27-Nov	EPP	0.49	28-Nov	DDD	UO	UO
34	Block 35 Lot 21, Town & Country	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.20	27-Nov	EPP	7.93/26.5	27-Nov	EPP	0.30	28-Nov	DDD	UO	UO
35	Block 2 Lot 5, Town & Country - Pennsylvania	D	27-Nov	28-Nov	DDD	< 2	28-Nov	DDD	0.20	27-Nov	EPP	7.87/27.3	27-Nov	EPP	0.66	28-Nov	DDD	UO	UO
BRGY. ZAPOTE																			
36	Water Pump, Althea	S	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.30	22-Nov	EPP	7.83/27.9	22-Nov	EPP	0.27	23-Nov	DDD	UO	UO
37	Block 6 Lot 4, Althea	D	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.20	22-Nov	EPP	7.77/28.5	22-Nov	EPP	< 0.20	23-Nov	DDD	UO	UO
TOTAL SAMPLES ANALYZED		37	PNSDW LIMIT (MAL)		10				5			6.5-8.5			0.3-1.5			UO	UO

REMARKS: Samples analyzed as submitted

LEGEND: ACU - Apparent Color Unit, NTU - Nephelometric Turbidity Unit, UO - Unobjectionable, O - Objectionable, S - Source, D - Distribution, MAL - Maximum Allowable Limit, NT - Not Tested, * - on-site testing.

DETECTION LIMIT: Color = 2 ACU, Turbidity = 0.02 NTU, Residual Chlorine = 0.20 mg/l

METHODS USED: Visual Comparison Ptarmic/Cobalt, Nephelometric, Electrometric, DPD Colometric, Titrimetry

CERTIFIED CORRECT:

DIANNE D. DASMARIÑAS, RCh
Chemist
PRC License No.

NOTED BY:


CYRIL A. ERICA, RMT
Laboratory Services Manager
PRC License No. 0054161

CHEMICAL (INORGANIC) ANALYSIS OF SAMPLES FROM SOURCE AND CONSUMER'S TAPS - PROVINCE OF LAGUNA

CITY/MUNICIPALITY : BINAN	MONTH : NOVEMBER	YEAR : 2017
DOH ACCREDITATION NO : 04A-010-16-LW-2	VALIDITY : December 31, 2018	DOCUMENT NO : 17WQM-CI-11-BIN

NO	SAMPLE LOCATION ADDRESS	TYPE	DATE COLLECTED	Chlorides (Cl) ⁻¹		Fluoride (F) ⁻²		Nitrate (NO ₃) ⁻³		Sulfate (SO ₄) ⁻²		Total Hardness ⁵		Total Dissolved Solids ⁶							
				mg/L																	
				ANALYZED DATE	BY	RESULT	ANALYZED DATE	BY	RESULT	ANALYZED DATE	BY	RESULT	ANALYZED DATE	BY	RESULT	ANALYZED DATE	BY	RESULT	ANALYZED DATE	BY	RESULT
BRGY. BINAN																					
1	Laguna Well Field 1	S	27-Nov	14-Dec	JMM	3.12	04-Dec	DDD	0.23	14-Dec	DDD	8.95	18-Dec	JMM	4.06	12-Dec	JMM	161	18-Dec	JMM	400
2	Guardhouse Entrance, Phase 4C, San Jose Vill.	D	29-Nov	14-Dec	JMM	4.66	04-Dec	DDD	0.23	14-Dec	DDD	8.61	19-Dec	JMM	3.99	12-Dec	JMM	138	18-Dec	DDD	270
3	Clubhouse, Phase 3B, San Jose Village I	D	29-Nov	14-Dec	JMM	4.42	04-Dec	DDD	0.24	14-Dec	DDD	10.3	19-Dec	JMM	5.96	12-Dec	JMM	156	18-Dec	DDD	310
4	Clubhouse, Phase 5, San Jose Village II	D	27-Nov	14-Dec	JMM	2.10	04-Dec	DDD	0.24	14-Dec	DDD	9.47	18-Dec	JMM	4.59	12-Dec	JMM	166	18-Dec	JMM	340
5	Clubhouse, Phase 6, San Jose Village III	D	27-Nov	14-Dec	JMM	2.04	04-Dec	DDD	0.24	14-Dec	DDD	8.95	19-Dec	JMM	6.47	12-Dec	JMM	206	14-Dec	DDD	335
BRGY. GANADO																					
6	Drinking Fountain, Ganado Elementary School	D	22-Nov	13-Dec	JMM	5.50	23-Nov	DDD	0.27	14-Dec	DDD	2.44	20-Dec	JMM	10.6	12-Dec	JMM	163	14-Dec	JMM	305
BRGY. LANGKIWA																					
7	Block 3 Lot 9 Phase 2, Southville Langkiwa	D	27-Nov	13-Dec	JMM	4.68	04-Dec	DDD	0.23	14-Dec	DDD	10.9	20-Dec	JMM	8.60	12-Dec	JMM	176	11-Dec	JMM	315
8	Block 65 Lot 1 Phase 1, Southville Langkiwa	D	27-Nov	13-Dec	JMM	4.32	04-Dec	DDD	0.23	14-Dec	DDD	10.5	20-Dec	JMM	9.66	12-Dec	JMM	150	11-Dec	JMM	295
9	Block 20 Lot 7 Phase 3, Southville Langkiwa	D	27-Nov	13-Dec	JMM	4.58	04-Dec	DDD	0.24	14-Dec	DDD	8.64	21-Dec	JMM	7.06	12-Dec	JMM	153	11-Dec	JMM	275
10	Block 26 Lot 8 Phase 1, Southville Langkiwa	D	27-Nov	13-Dec	JMM	4.30	04-Dec	DDD	0.24	14-Dec	DDD	8.76	20-Dec	JMM	5.74	12-Dec	JMM	170	11-Dec	JMM	310
11	Block 18 Lot 11 Phase 4, Southville Langkiwa	D	27-Nov	13-Dec	JMM	4.24	04-Dec	DDD	0.24	14-Dec	DDD	8.72	19-Dec	JMM	8.92	12-Dec	JMM	146	11-Dec	JMM	145
12	Block 31 Lot 27, Phase 3, Southville Langkiwa	D	27-Nov	13-Dec	JMM	4.34	04-Dec	DDD	0.24	14-Dec	DDD	9.60	20-Dec	JMM	10.2	12-Dec	JMM	182	11-Dec	JMM	400
BRGY. LOMA																					
13	Water Pump, Celina Mansion Subdivision	S	27-Nov	14-Dec	JMM	4.79	04-Dec	DDD	0.27	14-Dec	DDD	8.46	19-Dec	JMM	10.3	12-Dec	JMM	156	14-Dec	JMM	315
14	Block 1 Lot 5, Celina Mansion Subdivision	D	27-Nov	14-Dec	JMM	4.32	04-Dec	DDD	0.27	14-Dec	DDD	8.99	19-Dec	JMM	9.97	12-Dec	JMM	169	14-Dec	JMM	285
15	Water Pump, Block 4 Lot 37, Celina Technopark	S	27-Nov	14-Dec	JMM	6.24	04-Dec	DDD	0.27	14-Dec	DDD	8.91	19-Dec	JMM	12.1	12-Dec	JMM	195	19-Dec	DDD	315
16	Block 43 Lot 13, Celina Technopark	D	27-Nov	14-Dec	JMM	4.24	04-Dec	DDD	0.27	14-Dec	DDD	8.64	19-Dec	JMM	12.0	12-Dec	JMM	184	19-Dec	DDD	300
17	Block 8, Laguna Bel-Air 3	S	28-Nov	14-Dec	JMM	5.12	04-Dec	DDD	0.27	14-Dec	DDD	6.77	18-Dec	JMM	9.71	12-Dec	JMM	166	18-Dec	JMM	310
18	Brenna Model House, Block 90 Lot 5, Laguna Bk	D	28-Nov	14-Dec	JMM	3.55	04-Dec	DDD	0.28	14-Dec	DDD	6.62	18-Dec	JMM	7.22	12-Dec	JMM	171	18-Dec	JMM	290
19	Block 2, Phase 4, Laguna Bel-Air 3	S	28-Nov	14-Dec	JMM	5.21	04-Dec	DDD	0.27	14-Dec	DDD	4.30	18-Dec	JMM	1.72	12-Dec	JMM	150	18-Dec	JMM	330
20	Hilcrest Road, Block 2, Laguna Bel-Air 3	D	28-Nov	14-Dec	JMM	6.38	04-Dec	DDD	0.27	14-Dec	DDD	4.28	18-Dec	JMM	6.75	12-Dec	JMM	151	18-Dec	JMM	320
21	Block 50, Phase 2, Laguna Bel-Air 3	S	28-Nov	14-Dec	JMM	4.62	04-Dec	DDD	0.26	14-Dec	DDD	4.81	18-Dec	JMM	5.41	12-Dec	JMM	155	18-Dec	JMM	340
22	Clubhouse, Laguna Bel-Air 3	D	28-Nov	14-Dec	JMM	1.90	04-Dec	DDD	0.27	14-Dec	DDD	7.82	18-Dec	JMM	9.20	12-Dec	JMM	157	18-Dec	JMM	285
23	Drinking Fountain, Loma Elementary School	D	27-Nov	14-Dec	JMM	4.46	04-Dec	DDD	0.24	14-Dec	DDD	8.72	20-Dec	JMM	8.17	12-Dec	JMM	175	14-Dec	JMM	330

BRGY. MALAMIG																					
24	Block 10 Lot 7	D	27-Nov	14-Dec	JMM	4.58	04-Dec	DDD	0.27	14-Dec	DDD	10.9	19-Dec	JMM	6.89	12-Dec	JMM	169	14-Dec	DDD	310
BRGY. MAMPLASAN																					
25	Tank, Verdana Homes Subdivision	S	27-Nov	14-Dec	JMM	4.76	04-Dec	DDD	0.15	14-Dec	DDD	9.19	19-Dec	JMM	6.92	12-Dec	JMM	161	12-Dec	JMM	273
26	Clubhouse, Verdana Homes Subdivision	D	27-Nov	14-Dec	JMM	4.28	04-Dec	DDD	0.23	14-Dec	DDD	8.87	20-Dec	JMM	8.52	12-Dec	JMM	163	14-Dec	JMM	315
27	United Laboratories (UNILAB) Inc.	D	22-Nov	13-Dec	JMM	4.83	23-Nov	DDD	0.23	14-Dec	DDD	6.17	20-Dec	JMM	4.90	12-Dec	JMM	163	14-Dec	JMM	320
BRGY. SAN ANTONIO																					
28	Biñan City Hall	S	17-Nov	13-Dec	JMM	4.83	23-Nov	DDD	0.27	14-Dec	DDD	1.30	20-Dec	JMM	7.36	12-Dec	JMM	176	14-Dec	JMM	345
29	Alonte Stadium	D	22-Nov	13-Dec	JMM	5.94	23-Nov	DDD	0.27	14-Dec	DDD	1.38	20-Dec	JMM	6.66	12-Dec	JMM	166	14-Dec	JMM	340
BRGY. SANTO TOMAS																					
30	Gate Entrance, Adelina Complex III Subdivision	D	28-Nov	14-Dec	JMM	4.75	04-Dec	DDD	0.23	14-Dec	DDD	10.1	19-Dec	JMM	9.40	12-Dec	JMM	138	18-Dec	DDD	280
31	Block 2 Lot 14, Phase 1B, Olivarez Homes South	D	27-Nov	13-Dec	JMM	1.76	04-Dec	DDD	0.23	14-Dec	DDD	9.27	20-Dec	JMM	13.0	12-Dec	JMM	158	8-Dec	JMM	275
	Block 1, Phase 4, Olivarez Homes South	S	27-Nov	13-Dec	JMM	4.37	04-Dec	DDD	0.23	14-Dec	DDD	6.55	21-Dec	JMM	6.91	12-Dec	JMM	190	8-Dec	JMM	295
	Pump, Amsterdam St., Phase 2, Town & Country	S	27-Nov	13-Dec	JMM	5.48	04-Dec	DDD	0.27	14-Dec	DDD	2.48	20-Dec	JMM	6.86	12-Dec	JMM	155	11-Dec	JMM	240
34	Block 35 Lot 21, Town & Country	D	27-Nov	13-Dec	JMM	5.66	04-Dec	DDD	0.27	14-Dec	DDD	2.43	19-Dec	JMM	5.91	12-Dec	JMM	171	8-Dec	JMM	320
35	Block 2 Lot 5, Town & Country - Pennsylvania	D	27-Nov	13-Dec	JMM	5.44	04-Dec	DDD	0.23	14-Dec	DDD	6.55	19-Dec	JMM	5.91	12-Dec	JMM	176	8-Dec	JMM	305
BRGY. ZAPOTE																					
36	Water Pump, Althea	S	22-Nov	13-Dec	JMM	5.71	23-Nov	DDD	0.30	14-Dec	DDD	1.34	20-Dec	JMM	7.76	12-Dec	JMM	192	14-Dec	JMM	370
37	Block 6 Lot 4, Althea	D	22-Nov	13-Dec	JMM	6.19	23-Nov	DDD	0.30	14-Dec	DDD	1.16	20-Dec	JMM	7.31	12-Dec	JMM	201	14-Dec	JMM	375
TOTAL SAMPLES ANALYZED		37	PNSDW LIMIT (MAL)		250				0.50			50.00			250			300		600	


REMARKS: Samples analyzed as submitted

LEGEND: S - Source, D - Distribution, MAL - Maximum Allowable Limit, NT - Not Tested

DETECTION LIMIT: Chlorides = 0.184 mg/l, Fluoride = 0.016 mg/l, Nitrate = 0.76 mg/l, Sulfate = 0.41 mg/l, Total Hardness = 0.13 mg/l

METHODS USED: ¹Titrimetric, ²Ion-Selective Electrode, ³Ion-Selective Electrode, ⁴Turbidimetric, ⁵EDTA Titrimetric, ⁶Gravimetric

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LAGUNA AAA WATER CORPORATION
OPERATIONS DEPARTMENT
LABORATORY SERVICES
PHYSICAL ANALYSIS OF SAMPLES FROM SOURCE AND CONSUMER'S TAPS - PROVINCE OF LAGUNA

CITY/MUNICIPALITY : SANTA ROSA	MONTH : NOVEMBER	YEAR : 2017
DOH ACCREDITATION NO : 04A-010-16-LW-2	VALIDITY : December 31, 2018	DOCUMENT NO : 17WQM-PY-11-STR

NO	SAMPLE LOCATION		DATE COLLECTED	Color (Apparent) ¹ ACU			Turbidity ² NTU			*pH/Temperature ³ -/°C			*Residual Chlorine ⁴ mg/L			Taste and Odor ⁵			
	ADDRESS	TYPE		ANALYSIS			ANALYSIS			ANALYSIS			ANALYSIS			ANALYSIS		RESULT	
				DATE	BY	RESULT	DATE	BY	RESULT	DATE	BY	RESULT	DATE	BY	RESULT	DATE	BY	TASTE	ODOR
BRGY. BALIBAGO																			
1	#1354 Facundo Compound	D	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.10	22-Nov	EPP	7.64/28.7	22-Nov	EPP	0.37	23-Nov	DDD	UO	UO
2	5555 Water Pump Elevated, South Hampton	S	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.95/28.9	13-Nov	EPP	0.79	14-Nov	DDD	UO	UO
3	Clubhouse, South Hampton	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.82/28.6	13-Nov	EPP	0.78	14-Nov	DDD	UO	UO
4	Block 5 Lot 19, JB Village, Sta. Rosa Tagaytay Road	D	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.10	22-Nov	EPP	8.09/28.9	22-Nov	EPP	0.63	23-Nov	DDD	UO	UO
BRGY. CAINGIN																			
5	Block 57, Phase 1, Southville	S	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	8.06/27.9	14-Nov	EPP	0.78	15-Nov	JMM	UO	UO
6	Block 52 Lot 25, Phase 1, Southville	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	7.91/30.3	14-Nov	EPP	0.67	15-Nov	JMM	UO	UO
7	Phase 8 & 9, Southville	S	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	7.64/30.1	14-Nov	EPP	0.73	15-Nov	JMM	UO	UO
8	Block 2 Lot 29 Phase 9, Southville	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	7.65/30.1	14-Nov	EPP	0.73	15-Nov	JMM	UO	UO
9	Block 1 Lot 40, Phase 5, Southville	S	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.20	14-Nov	EPP	NT	14-Nov	EPP	< 0.20	15-Nov	JMM	UO	UO
10	Block 25 Lot 7, Phase 3, Southville	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.85	14-Nov	EPP	NT	14-Nov	EPP	0.63	15-Nov	JMM	UO	UO
BRGY. DILA																			
11	Phase 3E, Mabuhay Homes 2000	S	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	7.67/29.7	14-Nov	EPP	0.96	15-Nov	JMM	UO	UO
12	Block 2 Lot 10, Mabuhay Homes 2000	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	7.51/30.1	14-Nov	EPP	0.81	15-Nov	JMM	UO	UO
13	Block 12, Phase 2E, Mabuhay Homes 2000	S	14-Nov	15-Nov	JMM	15	15-Nov	JMM	0.30	14-Nov	EPP	7.57/28.4	14-Nov	EPP	0.62	15-Nov	JMM	O	UO
14	Block 13 Lot 5, Phase 2E, Mabuhay Homes 2000	D	14-Nov	15-Nov	JMM	15	15-Nov	JMM	0.30	14-Nov	EPP	7.65/28.6	14-Nov	EPP	0.41	15-Nov	JMM	O	UO
15	Drinking Fountain, Dila Elementary School	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	7.78/29.6	14-Nov	EPP	0.32	15-Nov	JMM	UO	UO
BRGY. DITA																			
16	Block 24 Lot 2, New Santa Rosa Homes	S	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.25	14-Nov	EPP	7.98/29.9	14-Nov	EPP	0.24	15-Nov	JMM	UO	UO
17	Block 19 Lot 11, New Santa Rosa Homes	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.20	14-Nov	EPP	7.98/29.4	14-Nov	EPP	0.21	15-Nov	JMM	UO	UO
18	Block 4 Lot 32, San Lorenzo Royale	S	21-Nov	22-Nov	DDD	10	22-Nov	DDD	0.75	21-Nov	EPP	7.76/28.9	21-Nov	EPP	0.27	22-Nov	DDD	UO	UO
19	Block 11 Lot 52, San Lorenzo Royale	D	21-Nov	22-Nov	DDD	10	22-Nov	DDD	0.60	21-Nov	EPP	7.88/29.4	21-Nov	EPP	0.26	22-Nov	DDD	UO	UO
20	Water Tank, SolCar Ville Subdivision	S	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	7.98/29.4	14-Nov	EPP	0.87	15-Nov	JMM	UO	UO
21	Block 3 Lot 7, SolCar Ville Subdivision	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	7.73/28.2	14-Nov	EPP	< 0.20	15-Nov	JMM	UO	UO
22	Alabaster St., Villa Esmeralda	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.15	21-Nov	EPP	7.55/28.9	21-Nov	EPP	0.66	22-Nov	DDD	UO	UO

23	#1780 National Road	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.15	14-Nov	EPP	7.79/27.5	14-Nov	EPP	0.33	15-Nov	JMM	UO	UO
24	R & B Ice Plant, Inc.	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.10	14-Nov	EPP	8.02/28.2	14-Nov	EPP	< 0.20	15-Nov	JMM	UO	UO
25	Reservoir, Hacienda Sta. Elena	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.15	21-Nov	EPP	7.09/27.0	21-Nov	EPP	< 0.20	22-Nov	DDD	UO	UO
BRGY. KANLURAN																			
26	#621 Rizal Boulevard	D	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.10	22-Nov	EPP	7.87/29.1	22-Nov	EPP	0.66	23-Nov	DDD	UO	UO
27	Block 18 Lot 2, Alfonso Homes I	D	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.10	22-Nov	EPP	7.99/29.3	22-Nov	EPP	0.75	23-Nov	DDD	UO	UO
BRGY. MACABLING																			
28	Deepwell, Buena Rosa 9 Subdivision	S	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.35	13-Nov	EPP	7.69/29.0	13-Nov	EPP	< 0.20	14-Nov	DDD	UO	UO
29	Block 4 Lot 26, Phase 2, Buena Rosa 9 Subdivision	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.15	13-Nov	EPP	7.63/29.0	13-Nov	EPP	< 0.20	14-Nov	DDD	UO	UO
30	Deepwell, Corinthian Subdivision	S	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.87/29.1	13-Nov	EPP	0.50	14-Nov	DDD	UO	UO
31	Block 11 Lot 19, Corinthian Subdivision	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.70/29.6	13-Nov	EPP	0.54	14-Nov	DDD	UO	UO
32	Deepwell, Rosemont Subdivision	S	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.15	13-Nov	EPP	7.64/30.0	13-Nov	EPP	0.35	14-Nov	DDD	UO	UO
33	Block 3 Lot 22, Rosemont Subdivision	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.69/29.3	13-Nov	EPP	0.34	14-Nov	DDD	UO	UO
34	Water Pump, Metrogate	S	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.85/28.8	13-Nov	EPP	1.14	14-Nov	DDD	UO	UO
35	Clubhouse, Metrogate	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.82/29.1	13-Nov	EPP	1.06	14-Nov	DDD	UO	UO
BRGY. MALITLIT																			
36	Water Pump, Casan Residencia Subdivision	S	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.40	14-Nov	EPP	7.73/28.2	14-Nov	EPP	< 0.20	15-Nov	JMM	UO	UO
37	Block 1 Lot 1, Casan Residencia Subdivision	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.35	14-Nov	EPP	7.64/28.3	14-Nov	EPP	0.20	15-Nov	JMM	UO	UO
38	Main Road, Phase 2, Terra Fortuna	S	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.85	13-Nov	EPP	8.07/28.8	13-Nov	EPP	0.43	14-Nov	DDD	UO	UO
39	Block 11 Lot 16, Terra Fortuna	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.45	13-Nov	EPP	7.90/28.7	13-Nov	EPP	0.79	14-Nov	DDD	UO	UO
40	Malitlit Elementary School	D	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM	0.15	14-Nov	EPP	7.89/26.9	14-Nov	EPP	0.45	15-Nov	JMM	UO	UO
BRGY. MARKET AREA																			
41	Source, Market Area	S	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.20	21-Nov	EPP	7.99/30.7	21-Nov	EPP	0.99	22-Nov	DDD	UO	UO
42	Block 9 Lot 2, Terry Town West	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.10	21-Nov	EPP	7.98/29.1	21-Nov	EPP	1.14	22-Nov	DDD	UO	UO
BRGY. POOC																			
43	Deepwell, Alinsod	S	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.10	22-Nov	EPP	7.94/29.0	22-Nov	EPP	0.88	23-Nov	DDD	UO	UO
44	Tank, Villa Mercedes	S	14-Nov	15-Nov	JMM	< 2	15-Nov	JMM		14-Nov	EPP	7.64/29.7	14-Nov	EPP	< 0.20	15-Nov	JMM	UO	UO
BRGY. PULONG SANTA CRUZ																			
45	Water Pump, Pulong Sta. Cruz	S	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.10	22-Nov	EPP	8.11/28.5	23-Nov	EPP	1.01	22-Nov	DDD	UO	UO
46	Drinking Fountain, Pulong Sta. Cruz Elementary Sch.	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.15	21-Nov	EPP	7.34/30.7	21-Nov	EPP	0.91	22-Nov	DDD	UO	UO
47	Wash Area, Pulong Sta. Cruz Elementary Sch.	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.60	21-Nov	EPP	7.46/29.9	21-Nov	EPP	1.01	22-Nov	DDD	UO	UO
48	Block 6 Lot 8, Buklod Diwa	D	22-Nov	23-Nov	DDD	< 2	23-Nov	DDD	0.30	22-Nov	EPP	7.92/29.0	23-Nov	EPP	1.12	22-Nov	DDD	UO	UO
BRGY. SINALHAN																			
49	Block 2 Lot 15, Bayshore I	S	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.10	21-Nov	EPP	7.93/31.4	21-Nov	EPP	0.99	22-Nov	DDD	UO	UO
50	Block 2 Lot 16, Bayshore III	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.15	21-Nov	EPP	7.98/31.0	21-Nov	EPP	1.37	22-Nov	DDD	UO	UO
51	4026, Sinalhan Road, Purok 2	S	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.10	21-Nov	EPP	7.93/30.3	21-Nov	EPP	0.75	22-Nov	DDD	UO	UO
52	Amoranto Compound, Phase 2, Sinalhan	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.10	21-Nov	EPP	7.87/30.9	21-Nov	EPP	0.65	22-Nov	DDD	UO	UO
BRGY. TAGAPO																			
53	Water Pump, Fairfield of Margana Subdivision	S	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.20	13-Nov	EPP	7.57/29.5	13-Nov	EPP	< 0.20	14-Nov	DDD	UO	UO

54	Block 1 Lot 18, Fairfield of Margana Subdivision	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.49/30.6	13-Nov	EPP	< 0.20	14-Nov	DDD	UO	UO
55	Water Pump, Rosewood Homes I	S	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.79/28.9	13-Nov	EPP	1.31	14-Nov	DDD	UO	UO
56	Block 3 Lot 31, Rosewood Homes I	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.74/30.2	13-Nov	EPP	1.04	14-Nov	DDD	UO	UO
57	Block 4 Lot 1, Rosewood Homes II	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.20	13-Nov	EPP	7.78/30.3	13-Nov	EPP	1.30	14-Nov	DDD	UO	UO
58	#31 JP Rizal Boulevard	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.10	13-Nov	EPP	7.68/29.1	13-Nov	EPP	1.08	14-Nov	DDD	UO	UO
59	Water Pump, Buena Rosa 1 Subdivision	S	13-Nov	14-Nov	DDD	2	14-Nov	DDD	1.3	13-Nov	EPP	7.91/29.6	13-Nov	EPP	0.60	14-Nov	DDD	UO	UO
60	Block 4 Lot 6, Buena Rosa 1 Subdivision	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.55	13-Nov	EPP	7.87/30.2	13-Nov	EPP	0.48	14-Nov	DDD	UO	UO
61	Block 1 Lot 64, Buena Rosa 10 Subdivision	D	13-Nov	14-Nov	DDD	< 2	14-Nov	DDD	0.20	13-Nov	EPP	7.90/28.8	13-Nov	EPP	1.03	14-Nov	DDD	UO	UO
62	Cistern Tank, SM Sta. Rosa	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.15	21-Nov	EPP	7.68/29.0	21-Nov	EPP	0.53	22-Nov	DDD	UO	UO
63	Crepes Delicious, SM Sta. Rosa	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.15	21-Nov	EPP	7.73/28.8	21-Nov	EPP	0.81	22-Nov	DDD	UO	UO
64	Cistern Tank, Robinson's Mall	D	21-Nov	22-Nov	DDD	< 2	22-Nov	DDD	0.45	21-Nov	EPP	7.79/28.7	21-Nov	EPP	< 0.20	22-Nov	DDD	UO	UO
65	Chummie Shawarma, Robinson's Mall	D	21-Nov	22-Nov	DDD	10	22-Nov	DDD	1.4	21-Nov	EPP	7.98/27.1	21-Nov	EPP	< 0.20	22-Nov	DDD	UO	UO
TOTAL SAMPLES ANALYZED		65	PNSDW LIMIT (MAL)		10			5			6.5-8.5			0.3-1.5		UO	UO		

REMARKS: Samples analyzed as submitted

LEGEND: ACU - Apparent Color Unit, NTU - Nephelometric Turbidity Unit, UO - Unobjectionable, O - Objectionable, S - Source, D - Distribution, MAL - Maximum Allowable Limit, NT - Not Tested, * - on-line testing

DETECTION LIMIT: Color = 2 ACU, Turbidity = 0.02 NTU, Residual Chlorine = 0.20 mg/l

METHODS USED: ¹Visual Comparison/Platinum/Cobalt, ²Nephelometric, ³Electrometric, ⁴DPD Colorimetric, ⁵Sensory

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LAGUNA AAAWATER CORPORATION
OPERATIONS DEPARTMENT
LABORATORY SERVICES

CHEMICAL (INORGANIC) ANALYSIS OF SAMPLES FROM SOURCE AND CONSUMER'S TAPS - PROVINCE OF LAGUNA

CITY/MUNICIPALITY : SANTA ROSA MONTH : NOVEMBER YEAR : 2017
DOH ACCREDITATION NO : 04A-010-16-LW-2 VALIDITY : December 31, 2018 DOCUMENT NO : 17WOM-CI-11-5TR

NO	SAMPLE LOCATION		DATE COLLECTED	Chlorides (Cl ⁻) ¹			Fluoride (F ⁻) ²			Nitrate (NO ₃ ⁻) ³			Sulfate (SO ₄ ²⁻) ⁴			Total Hardness ⁵			Total Dissolved Solids ⁶		
	ADDRESS	TYPE		mg/L			mg/L			mg/L			mg/L			mg/L					
				ANALYZED DATE	BY	RESULT	ANALYZED DATE	BY	RESULT	ANALYZED DATE	BY	RESULT	ANALYZED DATE	BY	RESULT	ANALYZED DATE	BY	RESULT			
Y. BALIBAGO																					
1	#1354 Facundo Compound	D	22-Nov	14-Dec	JMM	5.19	23-Nov	DDD	0.25	14-Dec	DDD	11.0	19-Dec	JMM	< 0.13	12-Dec	JMM	150	12-Dec	JMM	380
2	5555 Water Pump Elevated, South Hampton	S	13-Nov	15-Nov	JMM	3.44	22-Nov	DDD	0.30	14-Dec	DDD	1.77	20-Dec	JMM	10.6	21-Nov	JMM	155	27-Nov	DDD	283
3	Clubhouse, South Hampton	D	13-Nov	15-Nov	JMM	4.20	22-Nov	DDD	0.30	14-Dec	DDD	3.02	19-Dec	JMM	5.16	21-Nov	JMM	195	27-Nov	DDD	273
4	Block 5 Lot 19, JB Village, Sta. Rosa Tagaytay	D	22-Nov	14-Dec	JMM	11.5	23-Nov	DDD	0.27	14-Dec	DDD	6.01	19-Dec	JMM	1.63	12-Dec	JMM	174	12-Dec	JMM	313
BRGY. CAINGIN																					
5	Block 57, Phase 1, Southville	S	14-Nov	20-Nov	JMM	10.5	22-Nov	DDD	0.24	14-Dec	DDD	2.48	21-Dec	JMM	7.61	29-Nov	JMM	169	29-Nov	JMM	370
6	Block 52 Lot 25, Phase 1, Southville	D	14-Nov	20-Nov	JMM	10.8	22-Nov	DDD	0.24	14-Dec	DDD	1.47	21-Dec	JMM	6.78	29-Nov	JMM	157	4-Dec	JMM	300
7	Phase 8 & 9, Southville	S	14-Nov	20-Nov	JMM	29.2	22-Nov	DDD	0.28	14-Dec	DDD	2.10	20-Dec	JMM	12.5	29-Nov	JMM	230	4-Dec	JMM	395
8	Block 2 Lot 29 Phase 9, Southville	D	14-Nov	20-Nov	JMM	29.7	22-Nov	DDD	0.28	14-Dec	DDD	2.12	21-Dec	JMM	8.58	29-Nov	JMM	208	4-Dec	JMM	380
9	Block 1 Lot 40, Phase 5, Southville	S	14-Nov	20-Nov	JMM	4.87	22-Nov	DDD	0.27	14-Dec	DDD	1.92	20-Dec	JMM	25.4	29-Nov	JMM	244	4-Dec	JMM	380
10	Block 25 Lot 7, Phase 3, Southville	D	14-Nov	20-Nov	JMM	4.59	22-Nov	DDD	0.24	14-Dec	DDD	2.60	20-Dec	JMM	9.58	29-Nov	JMM	206	4-Dec	JMM	375
BRGY. DILA																					
11	Phase 3E, Mabuhay Homes 2000	S	14-Nov	22-Nov	JMM	41.9	22-Nov	DDD	0.24	14-Dec	DDD	4.50	20-Dec	JMM	30.8	29-Nov	JMM	299	29-Nov	JMM	640
12	Block 2 Lot 10, Mabuhay Homes 2000	D	14-Nov	22-Nov	JMM	41.0	22-Nov	DDD	0.24	14-Dec	DDD	2.82	19-Dec	JMM	27.7	29-Nov	JMM	290	29-Nov	JMM	590
13	Block 12, Phase 2E, Mabuhay Homes 2000	S	14-Nov	22-Nov	JMM	26.8	22-Nov	DDD	0.23	14-Dec	DDD	3.15	19-Dec	JMM	29.7	21-Nov	JMM	299	29-Nov	JMM	555
14	Block 13 Lot 5, Phase 2E, Mabuhay Homes	D	14-Nov	22-Nov	JMM	25.5	22-Nov	DDD	0.23	14-Dec	DDD	4.68	20-Dec	JMM	28.8	21-Nov	JMM	322	29-Nov	JMM	575
15	Drinking Fountain, Dila Elementary School	D	14-Nov	22-Nov	JMM	4.62	22-Nov	DDD	0.26	14-Dec	DDD	9.49	20-Dec	JMM	11.3	29-Nov	JMM	257	29-Nov	JMM	310
Y. DITA																					
16	Block 24 Lot 2, New Santa Rosa Homes	S	14-Nov	20-Nov	JMM	6.96	22-Nov	DDD	0.23	14-Dec	DDD	1.31	20-Dec	JMM	6.80	21-Nov	JMM	172	28-Nov	DDD	310
17	Block 19 Lot 11, New Santa Rosa Homes	D	14-Nov	20-Nov	JMM	6.88	22-Nov	DDD	0.23	14-Dec	DDD	2.32	20-Dec	JMM	9.71	21-Nov	JMM	166	28-Nov	DDD	317
18	Block 4 Lot 32, San Lorenzo Royale	S	21-Nov	14-Dec	JMM	8.21	23-Nov	DDD	0.28	14-Dec	DDD	2.14	21-Dec	JMM	8.58	21-Dec	JMM	206	4-Dec	JMM	275
19	Block 11 Lot 52, San Lorenzo Royale	D	21-Nov	14-Dec	JMM	7.69	23-Nov	DDD	0.28	14-Dec	DDD	2.14	21-Dec	JMM	9.14	21-Dec	JMM	208	4-Dec	JMM	305
20	Water Tapik, SolCar Ville Subdivision	S	14-Nov	20-Nov	JMM	9.10	22-Nov	DDD	0.25	14-Dec	DDD	1.46	19-Dec	JMM	10.8	21-Nov	JMM	185	28-Nov	DDD	340
21	Block 3 Lot 7, SolCar Ville Subdivision	D	14-Nov	20-Nov	JMM	8.97	22-Nov	DDD	0.25	14-Dec	DDD	1.44	19-Dec	JMM	10.5	21-Nov	JMM	182	28-Nov	DDD	330
22	Alabaster St., Villa Esmeralda	D	21-Nov	14-Dec	JMM	10.6	23-Nov	DDD	0.29	14-Dec	DDD	2.14	21-Dec	JMM	6.04	21-Dec	JMM	162	14-Dec	JMM	280
23	#1780 National Road	D	14-Nov	22-Nov	JMM	5.38	22-Nov	DDD	0.26	14-Dec	DDD	7.55	21-Dec	JMM	16.3	21-Nov	JMM	149	28-Nov	DDD	280
Page 1 of 3																					
24	R & B Ice Plant, Inc.	D	14-Nov	20-Nov	JMM	5.38	22-Nov	DDD	0.25	14-Dec	DDD	3.42	20-Dec	JMM	8.62	21-Nov	JMM	171	28-Nov	DDD	306
25	Reservoir, Hacienda Sta. Elena	D	21-Nov	14-Dec	JMM	5.66	23-Nov	DDD	0.24	14-Dec	DDD	10.4	21-Dec	JMM	10.6	21-Dec	JMM	182	14-Dec	JMM	235
26	#621 Rizal Boulevard	D	22-Nov	14-Dec	JMM	8.53	23-Nov	DDD	0.26	14-Dec	DDD	5.05	19-Dec	JMM	11.0	12-Dec	JMM	158	12-Dec	JMM	310

27	Block 18 Lot 2, Alfonso Homes I	D	22-Nov	14-Dec	JMM	7.56	23-Nov	DDD	0.26	14-Dec	DDD	6.01	19-Dec	JMM	10.9	12-Dec	JMM	145	11-Dec	JMM	270
BRGY. MACABLING																					
28	Deepwell, Buena Rosa 9 Subdivision	S	13-Nov	14-Nov	JMM	30.9	22-Nov	DDD	0.28	14-Dec	DDD	1.20	20-Dec	JMM	23.4	21-Nov	JMM	235	21-Nov	DDD	425
29	Block 4 Lot 26, Phase 2, Buena Rosa 9	D	13-Nov	14-Nov	JMM	30.0	22-Nov	DDD	0.29	14-Dec	DDD	1.20	20-Dec	JMM	23.0	21-Nov	JMM	229	21-Nov	DDD	420
30	Deepwell, Corinthian Subdivision	S	13-Nov	14-Nov	JMM	17.2	22-Nov	DDD	0.26	14-Dec	DDD	9.80	20-Dec	JMM	19.4	21-Nov	JMM	213	21-Nov	DDD	155
31	Block 11 Lot 19, Corinthian Subdivision	D	13-Nov	14-Nov	JMM	17.2	22-Nov	DDD	0.26	14-Dec	DDD	1.20	19-Dec	JMM	17.7	21-Nov	JMM	217	21-Nov	DDD	390
32	Deepwell, Rosemont Subdivision	S	13-Nov	14-Nov	JMM	17.3	22-Nov	DDD	0.27	14-Dec	DDD	1.89	20-Dec	JMM	18.0	21-Nov	JMM	199	21-Nov	DDD	380
33	Block 3 Lot 22, Rosemont Subdivision	D	13-Nov	14-Nov	JMM	19.3	22-Nov	DDD	0.27	14-Dec	DDD	1.40	20-Dec	JMM	20.0	21-Nov	JMM	204	21-Nov	DDD	385
34	Water Pump, Metrogate	S	13-Nov	15-Nov	JMM	3.76	22-Nov	DDD	0.28	14-Dec	DDD	1.20	20-Dec	JMM	6.18	21-Nov	JMM	157	23-Nov	JMM	350
35	Clubhouse, Metrogate	D	13-Nov	15-Nov	JMM	7.10	22-Nov	DDD	0.27	14-Dec	DDD	1.40	20-Dec	JMM	7.96	21-Nov	JMM	154	24-Nov	JMM	327
BRGY. MALITLIT																					
36	Water Pump, Casan Residencia Subdivision	S	14-Nov	20-Nov	JMM	5.71	22-Nov	DDD	0.25	14-Dec	DDD	2.18	20-Dec	JMM	6.84	21-Nov	JMM	168	27-Nov	DDD	283
37	Block 1 Lot 1, Casan Residencia Subdivision	D	14-Nov	20-Nov	JMM	3.58	22-Nov	DDD	0.25	14-Dec	DDD	1.70	20-Dec	JMM	5.38	21-Nov	JMM	177	28-Nov	DDD	306
	Main Road, Phase 2, Terra Fortuna	S	13-Nov	15-Nov	JMM	7.20	22-Nov	DDD	0.28	14-Dec	DDD	1.82	20-Dec	JMM	8.83	21-Nov	JMM	156	27-Nov	DDD	277
	Block 11 Lot 16, Terra Fortuna	D	13-Nov	15-Nov	JMM	6.22	22-Nov	DDD	0.27	14-Dec	DDD	2.21	20-Dec	JMM	8.58	21-Nov	JMM	202	27-Nov	DDD	277
40	Malitlit Elementary School	D	14-Nov	20-Nov	JMM	4.59	22-Nov	DDD	0.26	14-Dec	DDD	2.46	19-Dec	JMM	10.5	21-Nov	JMM	132	27-Nov	DDD	240
BRGY. MARKET AREA																					
41	Source, Market Area	S	21-Nov	14-Dec	JMM	7.22	23-Nov	DDD	0.20	14-Dec	DDD	2.02	21-Dec	JMM	12.7	21-Dec	JMM	186	11-Dec	JMM	425
42	Block 9 Lot 2, Terry Town West	D	21-Nov	14-Dec	JMM	5.93	23-Nov	DDD	0.20	14-Dec	DDD	2.09	21-Dec	JMM	11.8	21-Dec	JMM	147	11-Dec	JMM	405
BRGY. POOC																					
43	Deepwell, Alinsod	S	22-Nov	14-Dec	JMM	5.56	23-Nov	DDD	0.26	14-Dec	DDD	2.33	19-Dec	JMM	8.71	12-Dec	JMM	146	12-Dec	JMM	283
44	Tank, Villa Mercedes	S	14-Nov	22-Nov	JMM	4.43	22-Nov	DDD	0.27	14-Dec	DDD	1.64	20-Dec	JMM	28.7	29-Nov	JMM	222	29-Nov	JMM	475
BRGY. PULONG SANTA CRUZ																					
45	Water Pump, Pulong Sta. Cruz	S	22-Nov	14-Dec	JMM	10.8	23-Nov	DDD	0.29	14-Dec	DDD	4.71	19-Dec	JMM	8.24	12-Dec	JMM	183	12-Dec	JMM	327
46	Drinking Fountain, Pulong Sta. Cruz Elementar	D	21-Nov	14-Dec	JMM	10.9	23-Nov	DDD	0.28	14-Dec	DDD	4.96	21-Dec	JMM	17.4	21-Dec	JMM	171	14-Dec	JMM	300
47	Wash Area, Pulong Sta. Cruz Elementary Sch.	D	21-Nov	14-Dec	JMM	10.1	23-Nov	DDD	0.29	14-Dec	DDD	4.77	21-Dec	JMM	8.72	21-Dec	JMM	226	14-Dec	JMM	300
48	Block 7 Lot 4, Buklod Diwa	D	22-Nov	14-Dec	JMM	6.14	23-Nov	DDD	0.29	14-Dec	DDD	5.32	19-Dec	JMM	7.24	12-Dec	JMM	170	12-Dec	JMM	333
BRGY. SINALHAN																					
49	Block 6 Lot 16, Bayshore II	D	21-Nov	14-Dec	JMM	12.5	23-Nov	DDD	0.20	14-Dec	DDD	2.32	21-Dec	JMM	9.80	21-Dec	JMM	183	11-Dec	JMM	295
50	Block 2 Lot 15, Bayshore I	S	21-Nov	14-Dec	JMM	12.1	23-Nov	DDD	0.20	14-Dec	DDD	1.96	21-Dec	JMM	10.4	21-Dec	JMM	152	11-Dec	JMM	345
51	4026, Sinalhan Road, Purok 2	S	21-Nov	14-Dec	JMM	13.4	23-Nov	DDD	0.20	14-Dec	DDD	3.32	21-Dec	JMM	11.8	21-Dec	JMM	196	4-Dec	JMM	340
	Amoranto Compound, Phase 2, Sinalhan	D	21-Nov	14-Dec	JMM	14.2	23-Nov	DDD	0.20	14-Dec	DDD	2.67	21-Dec	JMM	9.61	21-Dec	JMM	199	11-Dec	JMM	210
BRGY. TAGAPO																					
53	Water Pump, Fairfield of Margana	S	13-Nov	15-Nov	JMM	66.4	22-Nov	DDD	0.22	14-Dec	DDD	3.72	19-Dec	JMM	37.0	21-Nov	JMM	362	27-Nov	DDD	630
54	Block 1 Lot 18, Fairfield of Margana	D	13-Nov	15-Nov	JMM	66.0	22-Nov	DDD	0.21	14-Dec	DDD	2.90	21-Dec	JMM	36.2	21-Nov	JMM	376	24-Nov	JMM	660
55	Water Pump, Rosewood Homes I	S	13-Nov	15-Nov	JMM	24.8	22-Nov	DDD	0.25	14-Dec	DDD	1.40	18-Dec	JMM	13.1	21-Nov	JMM	226	24-Nov	JMM	437
56	Block 3 Lot 31, Rosewood Homes I	D	13-Nov	15-Nov	JMM	26.5	22-Nov	DDD	0.26	14-Dec	DDD	3.59	19-Dec	JMM	13.3	21-Nov	JMM	225	24-Nov	JMM	440

PHYSICAL ANALYSIS OF SAMPLES FROM SOURCE AND CONSUMER'S TAPS - PROVINCE OF LAGUNA

CITY/MUNICIPALITY : CABUYAO	MONTH : NOVEMBER	YEAR : 2017
DOH ACCREDITATION NO : 04A-010-16-LW-2	VALIDITY : December 31, 2018	DOCUMENT NO : 17WQM-PY-11-CAB

NO	SAMPLE LOCATION		DATE COLLECTED	Color (Apparent) ¹			Turbidity ²			pH/Temperature ³			*Residual Chlorine ⁴			Taste and Odor ⁵			
				ACU		RESULT	NTU		RESULT	/°C		RESULT	mg/L		RESULT	ANALYSIS		RESULT	
	DATE	BY		DATE	BY		DATE	BY		DATE	BY		DATE	BY		DATE	BY	TASTE	ODOR
BRGY. BANLIC																			
1	Water Pump, Gran Seville Subdivision	S	8-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.15	8-Nov	EPP	7.91/28.2	8-Nov	EPP	0.29	8-Nov	DDD	UO	UO
2	Gate Entrance, Gran Seville Subdivision	D	8-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.20	8-Nov	EPP	7.81/28.5	8-Nov	EPP	< 0.20	8-Nov	DDD	UO	UO
BRGY. MAMATID																			
3	Tank, Buena Rosario Subdivision	S	7-Nov	8-Nov	DDD	10	8-Nov	DDD	0.95	7-Nov	EPP	8.02/28.5	7-Nov	EPP	< 0.20	8-Nov	DDD	UO	UO
4	Block 7 Lot 6, Buena Rosario Subdivision	D	7-Nov	8-Nov	DDD	10	8-Nov	DDD	0.80	7-Nov	EPP	8.05/28.7	7-Nov	EPP	< 0.20	8-Nov	DDD	UO	UO
5	Block 101 Samar St., Phase 2, Mabuhay	S	7-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	7-Nov	EPP	7.91/28.4	7-Nov	EPP	0.65	8-Nov	DDD	UO	UO
6	Block 95 Lot 57, Guimaras St., Phase 1, Mabuhay	D	7-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	7-Nov	EPP	8.06/28.4	7-Nov	EPP	0.60	8-Nov	DDD	UO	UO
7	Panganig St., Phase 3 Cluster, Mabuhay	S	7-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	7-Nov	EPP	7.84/28.9	7-Nov	EPP	0.65	8-Nov	DDD	UO	UO
8	Block 1 Lot 17, Dizon St., Phase 3 Cluster,	D	7-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	7-Nov	EPP	7.80/28.1	7-Nov	EPP	0.71	8-Nov	DDD	UO	UO
9	Block 22 Lot 70, Phase 3 Luxury, Mabuhay	S	7-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	7-Nov	EPP	7.94/28.7	7-Nov	EPP	0.46	8-Nov	DDD	UO	UO
10	Block 19 Lot 13, Malang St., Phase 3 Luxury,	D	7-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.50	7-Nov	EPP	7.95/28.7	7-Nov	EPP	0.42	8-Nov	DDD	UO	UO
11	Source, Phase 1E Mabuhay Executive	S	7-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	7-Nov	EPP	7.89/34.9	7-Nov	EPP	0.54	8-Nov	DDD	UO	UO
12	Block 236 Lot 9, Phase 1E Mabuhay Executive	D	7-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	7-Nov	EPP	8.08/28.8	7-Nov	EPP	0.54	8-Nov	DDD	UO	UO
BRGY. PULO																			
13	Water Pump, Block 12 Lot 22, Cabuyao Central	S	8-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.15	8-Nov	EPP	8.04/27.4	8-Nov	EPP	< 0.20	8-Nov	DDD	UO	UO
14	Clubhouse, Narra Avenue, Cabuyao Central	D	8-Nov	8-Nov	DDD	2	8-Nov	DDD	1.8	8-Nov	EPP	7.91/28.4	8-Nov	EPP	0.46	8-Nov	DDD	UO	UO
15	Water Pump, Block 11, Willow Park Homes	S	8-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	8-Nov	EPP	8.02/28.5	8-Nov	EPP	1.09	8-Nov	DDD	UO	UO
16	Clubhouse, Willow Park Homes	D	8-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	8-Nov	EPP	7.74/29.9	8-Nov	EPP	1.08	8-Nov	DDD	UO	UO
BRGY. SAN ISIDRO																			
17	Source, Multiland IV	S	8-Nov	8-Nov	DDD	5	8-Nov	DDD	0.80	8-Nov	EPP	7.79/29.8	8-Nov	EPP	< 0.20	8-Nov	DDD	UO	UO
18	Block 3 Lot 33, Multiland IV	D	8-Nov	8-Nov	DDD	5	8-Nov	DDD	0.80	8-Nov	EPP	7.81/29.6	8-Nov	EPP	< 0.20	8-Nov	DDD	UO	UO
19	Water Pump, San Isidro Heights Subdivision	S	8-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	8-Nov	EPP	7.91/28.9	8-Nov	EPP	0.50	8-Nov	DDD	UO	UO

20	Block 3 Lot 1, San Isidro Heights Subdivision	D	8-Nov	8-Nov	DDD	< 2	8-Nov	DDD	0.10	8-Nov	EPP	7.84,30.1	8-Nov	EPP	0.49	8-Nov	DDD	UO	UO
TOTAL SAMPLES ANALYZED		20	PNSDW LIMIT (MAL)		10			5				6.5-8.5			0.3-1.5			UO	UO

REMARKS: Samples analyzed as submitted

LEGEND: ACU - Apparent Color Unit, NTU - Nephelometric Turbidity Unit, UO - Unobjectivable, O - Objectivable, S - Source, D - Distribution, MAL - Maximum Allowable Limit, NT - Not Tested, * - on-site testing

DETECTION LIMIT: Color - 2 ACU, Turbidity - 0.02 NTU, Residual Chlorine - 0.20 mg/l

METHODS USED: ¹Visual Comparison-Platinum/Cobalt, ²Nephelometric, ³Electrometric, ⁴DDO Colorimetric, ⁵Sensory

CERTIFIED CORRECT:

DIANNE D. DASMARINAS, RCh
Chemist
PRC License No.

NOTED BY:

CYRIL A. ERICA, RMT
Laboratory Services Manager
PRC License No. 0054161

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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **CAL 17-11-01**

Name of Company/Customer : SARMENCITA MALABANAN
Address : Brgy. VII, Barreto St., Poblacion
City of Calamba, Laguna
Sample Location : DEEPWELL 2, AMAIA SCAPES CALAMBA
Date/Time Collected : 11/28/2017 10:59
Date/Time Submitted : 11/28/2017 18:20
Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
Source of Supply : Deepwell
Collected by : Elmer P. Palmares Jr.
Submitted by : Elmer P. Palmares Jr.
Date Analyzed : 11/28/2017 to 12/19/2017
Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla
Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	6.81/26.5	~°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.82	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.10	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	315	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	177	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	7.08	mg/L	0.41	250	4500- SO ₄ ²⁻ E. Turbidimetric
Chlorides	5.70	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	9.83	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.270	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

ANALYZED BY:



DIANNE D. DASMARINAS, RCh
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PRC License No. 0011960



JOVEN M. MARAVILLA, RCh
Chemist
PRC License No. 0012740

CERTIFIED CORRECT BY:



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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **CAL 17-11-01**

Name of Company/Customer : SARMENCITA MALABANAN
 Address : Brgy. VII, Barreto St., Poblacion
 City of Calamba, Laguna
 Sample Location : DEEPWELL 2, AMAIA SCAPES CALAMBA
 Date/Time Collected : 11/28/2017 10:59
 Date/Time Submitted : 11/28/2017 18:20
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/28/2017 to 12/19/2017
 Analyzed by : Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

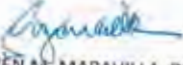
PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
Chromium	< 0.012	mg/L	0.012	0.05	3125 B. ICPMS*
Copper	< 0.002	mg/L	0.002	1.0	3125 B. ICPMS*
Lead	< 0.007	mg/L	0.007	0.01	3125 B. ICPMS*
Iron, Total	< 0.010	mg/L	0.010	1.0	3125 B. ICPMS*
Manganese, Total	< 0.024	mg/L	0.024	0.4	3125 B. ICPMS*

REMARKS: Sample analyzed as submitted


MDL-Method Detection Limit; ICPMS-Inductively Coupled Plasma-Mass Spectrometry

*digestion as part of sample preparation is assisted by microwave

ANALYZED BY:


 JOVEN M. MARAVILLA, RCh
 Chemist
 PRC License No. 0012740

CERTIFIED CORRECT BY:


 CYRIL A. ERICS, RMT
 Laboratory Services Manager
 PRC License No. 0054161

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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **CAL 17-11-02**
 Name of Company/Customer : SARMENCITA MALABANAN
 Address : Brgy. VII, Barreto St., Poblacion
 City of Calamba, Laguna
 Sample Location : **BLOCK 39 LOT 5, AMAIA SCAPES CALAMBA**
 Date/Time Collected : 11/28/2017 11:11
 Date/Time Submitted : 11/28/2017 18:20
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/28/2017 to 12/19/2017
 Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 : Philippine National Standards for Drinking Water (PNSDW), 2017


CHEMICAL TESTING


PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	6.96/28.1	~°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.75	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.15	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	285	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	211	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	5.71	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	5.41	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	9.84	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.270	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

ANALYZED BY:


 DIANNE D. DASMARIÑAS, RCh
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 PRC License No. 0011960


 JOVEN M. MARAVILLA, RCh
 Chemist
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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT


Sample Code | **CAL 17-11-03**
 Name of Company/Customer : SARMENCITA MALABANAN
 Address : Brgy. VII. Barreto St., Poblacion
 : City of Calamba, Laguna
 Sample Location : **DEEPWELL 1, AMAIA SCAPES CALAMBA**
 Date/Time Collected : 11/28/2017 11:23
 Date/Time Submitted : 11/28/2017 18:20
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/28/2017 to 12/19/2017
 Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 : Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.90/28.1	~ / °C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.78	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.10	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	295	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	158	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	8.82	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	5.66	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	9.46	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.270	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted
 MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

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ANALYZED BY:

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CERTIFIED CORRECT BY:

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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **CAL 17-11-03**

Name of Company/Customer : SARMENCITA MALABANAN
 Address : Brgy. VII Barreto St., Poblacion
 City of Calamba, Laguna
 Sample Location : DEEPWELL 1, AMAIA SCAPES CALAMBA
 Date/Time Collected : 11/28/2017 11:23
 Date/Time Submitted : 11/28/2017 18:20
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/28/2017 to 12/19/2017
 Analyzed by : Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 : Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
Chromium	< 0.012	mg/L	0.012	0.05	3125 B.ICPMS*
Copper	< 0.002	mg/L	0.002	1.0	3125 B. ICPMS*
Lead	< 0.007	mg/L	0.007	0.01	3125 B.ICPMS*
Iron, Total	< 0.010	mg/L	0.010	1.0	3125 B. ICPMS*
Manganese, Total	< 0.024	mg/L	0.024	0.4	3125 B. ICPMS*

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit, ICPMS-Inductively Coupled Plasma-Mass Spectrometry

*digestion as part of sample preparation is assisted by microwave

ANALYZED BY:


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CERTIFIED CORRECT BY:


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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **CAL 17-11-04**
 Name of Company/Customer : **SARMENCITA MALABANAN**
 Address : **Brgy. VII, Barreto St., Poblacion
City of Calamba, Laguna**
 Sample Location : **BLOCK 1 LOT 2, AMAIA SCAPES CALAMBA**
 Date/Time Collected : **11/28/2017 11:37**
 Date/Time Submitted : **11/28/2017 18:20**
 Condition of Sample Upon Receipt : **1 gallon water sample in polyethylene bottle**
 Source of Supply : **Deepwell**
 Collected by : **Elmer P. Palmares Jr.**
 Submitted by : **Elmer P. Palmares Jr.**
 Date Analyzed : **11/28/2017 to 12/19/2017**
 Analyzed by : **Dianne D. Dasmariñas, Joven M. Maravilla**
 Reference Material : **Standard Methods for the Examination of Water and Wastewater, 22nd Edition
Philippine National Standards for Drinking Water (PNSDW), 2017**

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.66/28.7	~°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	< 0.20	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.10	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	300	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	163	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	9.36	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	2.62	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	9.51	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.270	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

ANALYZED BY:



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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **CAL 17-11-05**
 Name of Company/Customer : SARMENCITA MALABANAN
 Address : Brgy. VII, Barreto St., Población
 : City of Calamba, Laguna
 Sample Location : **BLOCK 11 KANLAON ST., AYALA GREENFIELDS ESTATE**
 Date/Time Collected : 11/28/2017 12:07
 Date/Time Submitted : 11/28/2017 18:20
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/28/2017 to 12/19/2017
 Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 : Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.93/27.8	-/°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.59	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.20	NTU	0.020	5	2130 B. Nephelometric
Odor	UD	-	NA	UD	2150. Sensory
Taste	UD	-	NA	UD	2160. Sensory
Total Dissolved Solids	415	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	193	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	19.6	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	5.85	mg/L	0.134	250	4500-Cl D. Potentiometric
Nitrates	9.32	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.270	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted.

MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UD-Unobjectionable

ANALYZED BY:



DIANNE D. DASMARIÑAS, RCh
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PRC License No. 0011960



JOVEN M. MARAVILLA, RCh
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CERTIFIED CORRECT BY:



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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **CAL 17-11-05**

Name of Company/Customer : SARMENCITA MALABANAN
 Address : Brgy. VII. Barreto St., Poblacion
 City of Calamba, Laguna
 Sample Location : **BLOCK 11 KANLAON ST., AYALA GREENFIELDS ESTATE**
 Date/Time Collected : 11/28/2017 12:07
 Date/Time Submitted : 11/28/2017 18:20
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/28/2017 to 12/19/2017
 Analyzed by : Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 : Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
Chromium	< 0.012	mg/L	0.012	0.05	3125 B. ICPMS*
Copper	< 0.002	mg/L	0.002	1.0	3125 B. ICPMS*
Lead	< 0.007	mg/L	0.007	0.01	3125 B. ICPMS*
Iron, Total	< 0.010	mg/L	0.010	1.0	3125 B. ICPMS*
Manganese, Total	< 0.024	mg/L	0.024	0.4	3125 B. ICPMS*

REMARKS: Sample analyzed as submitted


MDL-Method Detection Limit; ICPMS-inductively Coupled Plasma-Mass Spectrometry

*digestion as part of sample preparation is assisted by microwave

ANALYZED BY:


JOVEN M. MARAVILLA, RCh
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CERTIFIED CORRECT BY:


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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **CAL 17-11-06**
 Name of Company/Customer : **SARMENCITA MALABANAN**
 Address : **Brgy. VII, Barreto St., Poblacion
City of Calamba, Laguna**
 Sample Location : **BLOCK 12 SAMAT ST., AYALA GREENFIELDS**
 Date/Time Collected : **11/28/2017 12:18**
 Date/Time Submitted : **11/28/2017 18:20**
 Condition of Sample Upon Receipt : **1 gallon water sample in polyethylene bottle**
 Source of Supply : **Deepwell**
 Collected by : **Elmer P. Palmares Jr.**
 Submitted by : **Elmer P. Palmares Jr.**
 Date Analyzed : **11/28/2017 to 12/19/2017**
 Analyzed by : **Dianne D. Dasmariñas, Joven M. Maravilla**
 Reference Material : **Standard Methods for the Examination of Water and Wastewater, 22nd Edition
Philippine National Standards for Drinking Water (PNSDW), 2017**


CHEMICAL TESTING


PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.59/29.3	-/°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.75	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.20	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	340	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	169	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	20.5	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	10.9	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	9.37	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.270	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit, ACU- Apparent Color Unit, NTU-Nephelometric Turbidity Unit, NA-Not Applicable, UO-Unobjectionable

ANALYZED BY:


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JOVEN M. MARAVILLA, RCh
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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **CAL 17-11-06**

Name of Company/Customer : SARMENCITA MALABANAN
 Address : Brgy. VII, Barreto St., Poblacion
 City of Calamba, Laguna
 Sample Location : **BLOCK 12 SAMAT ST., AYALA GREENFIELDS**
 Date/Time Collected : 11/28/2017 12:18
 Date/Time Submitted : 11/28/2017 18:20
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/28/2017 to 12/19/2017
 Analyzed by : Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 : Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

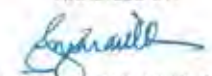
PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
Chromium	< 0.012	mg/L	0.012	0.05	3125 B. ICPMS*
Copper	< 0.002	mg/L	0.002	1.0	3125 B. ICPMS*
Lead	< 0.007	mg/L	0.007	0.01	3125 B. ICPMS*
Iron, Total	< 0.010	mg/L	0.010	1.0	3125 B. ICPMS*
Manganese, Total	< 0.024	mg/L	0.024	0.4	3125 B. ICPMS*

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ICPMS-Inductively Coupled Plasma-Mass Spectrometry

*digestion as part of sample preparation is assisted by microwave

ANALYZED BY:



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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **ALA 17-11-01**

Name of Company/Customer : VICTORIA FULE-BASILAN, MD, CFP
Address : Rural Health Unit, Municipal Building
Alaminos, Laguna

Sample Location : **WATER TANK, BELLA VITA HOMES**

Date/Time Collected : 11/16/2017 11:32

Date/Time Submitted : 11/16/2017 17:00

Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle

Source of Supply : Deepwell

Collected by : Elmer P. Palmares Jr.

Submitted by : Elmer P. Palmares Jr.

Date Analyzed : 11/16/2017 to 12/20/2017

Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla

Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.70/28.8	~°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.62	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.25	NTU	0.020	5	2130 B. Nephelometric
Odor	UD	-	NA	UD	2150. Sensory
Taste	UD	-	NA	UD	2160. Sensory
Total Dissolved Solids	300	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	186	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	14.8	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	7.54	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	21.53	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.270	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UD-Unobjectionable

ANALYZED BY:



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TEST REPORT

Sample Code : **ALA 17-11-01**

Name of Company/Customer : VICTORIA FULE-BASILAN, MD, CFP
 Address : Rural Health Unit, Municipal Building
 Alaminos, Laguna
 Sample Location : **WATER TANK, BELLA VITA HOMES**
 Date/Time Collected : 11/16/2017 11:32
 Date/Time Submitted : 11/16/2017 17:00
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/16/2017 to 12/20/2017
 Analyzed by : Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 : Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
Chromium	< 0.012	mg/L	0.012	0.05	3125 B. ICPMS*
Copper	< 0.002	mg/L	0.002	1.0	3125 B. ICPMS*
Lead	< 0.007	mg/L	0.007	0.01	3125 B. ICPMS*
Iron, Total	< 0.010	mg/L	0.010	1.0	3125 B. ICPMS*
Manganese, Total	< 0.024	mg/L	0.024	0.4	3125 B. ICPMS*

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ICPMS-Inductively Coupled Plasma-Mass Spectrometry

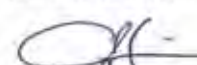
*Digestion as part of sample preparation is assisted by microwave

ANALYZED BY:



JOVEN M. MARAVILLA, RCh
Chemist
PRC License No. 0012740

CERTIFIED CORRECT BY:



CYRIL A. ENICA, RMT
Laboratory Services Manager
PRC License No. 0054161

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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **ALA 17-11-02**
 Name of Company/Customer : VICTORIA FULE-BASILAN, MD, CFP
 Address : Rural Health Unit, Municipal Building
 Alaminos, Laguna
 Sample Location : **CLUBHOUSE, BELLA VITA HOMES**
 Date/Time Collected : 11/16/2017 11:39
 Date/Time Submitted : 11/16/2017 17:00
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/16/2017 to 12/20/2017
 Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 : Philippine National Standards for Drinking Water (PNSDW), 2017


CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.45/28.3	~°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.54	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.20	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	325	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	176	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	15.0	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	8.24	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	21.62	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.270	mg/L	0.018	1.50	4500-F ⁻ C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

ANALYZED BY:


 DIANNE D. DASMARIÑAS, RCh
 Chemist
 PRC License No. 0011960


 JOVEN M. MARAVILLA, RCh
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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **ALA 17-11-02**

Name of Company/Customer : VICTORIA FULE-BASILAN, MD, CFP
Address : Rural Health Unit, Municipal Building
: Alaminos, Laguna
Sample Location : **CLUBHOUSE, BELLA VITA HOMES**
Date/Time Collected : 11/16/2017 11:39
Date/Time Submitted : 11/16/2017 17:00
Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
Source of Supply : Deepwell
Collected by : Elmer P. Palmares Jr.
Submitted by : Elmer P. Palmares Jr.
Date Analyzed : 11/16/2017 to 12/20/2017
Analyzed by : Joven M. Maravilla
Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
: Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
Chromium	< 0.012	mg/L	0.012	0.05	3125 B. ICPMS*
Copper	< 0.002	mg/L	0.002	1.0	3125 B. ICPMS*
Lead	< 0.007	mg/L	0.007	0.01	3125 B. ICPMS*
Iron, Total	< 0.010	mg/L	0.010	1.0	3125 B. ICPMS*
Manganese, Total	< 0.024	mg/L	0.024	0.4	3125 B. ICPMS*

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ICPMS-Inductively Coupled Plasma-Mass Spectrometry

*digestion as part of sample preparation is assisted by microwave

ANALYZED BY:



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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **PAB 17-11-01**
 Name of Company/Customer : **JOB D. BRION, MD, MPH**
 Address : **San Pablo City, Laguna**
 Sample Location : **SOURCE, BLOCK 73 AMAIA SCAPES, SAN PABLO**
 Date/Time Collected : **11/16/2017 12:35**
 Date/Time Submitted : **11/16/2017 17:00**
 Condition of Sample Upon Receipt : **1 gallon water sample in polyethylene bottle**
 Source of Supply : **Deepwell**
 Collected by : **Elmer P. Palmares Jr.**
 Submitted by : **Elmer P. Palmares Jr.**
 Date Analyzed : **11/16/2017 to 12/21/2017**
 Analyzed by : **Dianne D. Dasmariñas, Joven M. Maravilla**
 Reference Material : **Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 Philippine National Standards for Drinking Water (PNSDW), 2017**


CHEMICAL TESTING


PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.79/26.5	-/°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	4.02	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.35	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	355	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	142	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	18.80	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	20.0	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	15.7	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.380	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

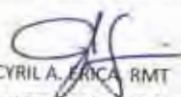
MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

ANALYZED BY:


DIANNE D. DASMARIÑAS, RCh
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JOVEN M. MARAVILLA, RCh
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CERTIFIED CORRECT BY:


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 PRC License No. 0054161

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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code **PAB 17-11-02**

Name of Company/Customer : JO8 D. BRION, MD, MPH

Address : San Pablo City, Laguna

Sample Location : **BLOCK 65 LOT 2 AMAIA SCAPES SAN PABLO**

Date/Time Collected : 11/16/2017 12:48

Date/Time Submitted : 11/16/2017 17:00

Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle

Source of Supply : Deepwell

Collected by : Elmer P. Palmares Jr.

Submitted by : Elmer P. Palmares Jr.

Date Analyzed : 11/16/2017 to 12/19/2017

Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla

Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
: Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.65/28.8	-/°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	< 0.20	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.45	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	340	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	171	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	19.8	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	3.76	mg/L	0.134	250	4500-Cl D. Potentiometric
Nitrates	5.21	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.380	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

ANALYZED BY:

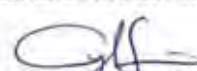


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JOVEN M. MARAVILLA, RCh
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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code = **STC 17-11-01**

Name of Company/Customer : EVELYN MARANAN
Address : Municipal Health Office
Sta. Cruz City, Laguna
Sample Location : **SOURCE, STA. CRUZ PROVINCIAL CAPITOL**
Date/Time Collected : 11/16/2017 15:31
Date/Time Submitted : 11/16/2017 17:00
Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
Source of Supply : Deepwell
Collected by : Elmer P. Palmares Jr.
Submitted by : Elmer P. Palmares Jr.
Date Analyzed : 11/16/2017 to 12/18/2017
Analyzed by : Joven M. Maravilla
Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING


PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
Chromium	< 0.012	mg/L	0.012	0.05	3125 B. ICPMS*
Copper	< 0.002	mg/L	0.002	1.0	3125 B. ICPMS*
Lead	< 0.007	mg/L	0.007	0.01	3125 B. ICPMS*
Iron, Total	< 0.010	mg/L	0.010	1.0	3125 B. ICPMS*
Manganese, Total	< 0.024	mg/L	0.024	0.4	3125 B. ICPMS*

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ICPMS-Inductively Coupled Plasma-Mass Spectrometry

*digestion as part of sample preparation is assisted by microwave

ANALYZED BY:



JOVEN M. MARAVILLA, RCI
Chemist
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CERTIFIED CORRECT BY:



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Laboratory Services Manager
PRC License No. 0054161

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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **STC 17-11-02**

Name of Company/Customer : EVELYN MARANAN
Municipal Health Office
Address : Sta. Cruz City, Laguna
Sample Location : **OLD CAPITOL BUILDING PANTRY, SANTA CRUZ**
Date/Time Collected : 11/16/2017 15:44
Date/Time Submitted : 11/16/2017 17:00
Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
Source of Supply : Deepwell
Collected by : Elmer P. Palmares Jr.
Submitted by : Elmer P. Palmares Jr.
Date Analyzed : 11/16/2017 to 12/18/2017
Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla
Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
Philippine National Standards for Drinking Water (PN5DW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PN5DW Limit	TEST METHOD(S)
pH / Temperature	7.73/27.6	~ / °C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.98	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	15	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.20	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	O	-	NA	UO	2160. Sensory
Total Dissolved Solids	250	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	295	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	2.04	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	24.4	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	2.17	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.240	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL- Method Detection Limit, ACU- Apparent Color Unit; NTU- Nephelometric Turbidity Unit; NA- Not Applicable; UO- Unobjectionable; O- Objectionable

ANALYZED BY:



DIANNE D. DASMARIÑAS, RCh
Chemist

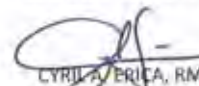
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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **STC 17-11-03**

Name of Company/Customer : EVELYN MARANAN
Municipal Health Office

Address : Sta. Cruz City, Laguna

Sample Location : **SOURCE, AFTER FILTER LAGUNA SPORTS COMPLEX**

Date/Time Collected : 11/16/2017 16:42

Date/Time Submitted : 11/16/2017 17:00

Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle

Source of Supply : Deepwell

Collected by : Elmer P. Palmares Jr.

Submitted by : Elmer P. Palmares Jr.

Date Analyzed : 11/16/2017 to 12/18/2017

Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla

Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.78/27.5	~ / °C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.72	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	< 2	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.10	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	270	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	276	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	2.25	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	22.6	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	0.950	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.240	mg/L	0.018	1.50	4500-F ⁻ C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

ANALYZED BY:



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OPERATIONS DEPARTMENT
 LABORATORY SERVICES
 ANALYTICAL SERVICES UNIT
 TEST REPORT

Sample Code : **STC 17-11-04**

Name of Company/Customer : EVELYN MARANAN
 Address : Municipal Health Office
 Sta. Cruz City, Laguna
 Sample Location : **GRAND STAND LAGUNA SPORTS COMPLEX**
 Date/Time Collected : 11/16/2017 16:53
 Date/Time Submitted : 11/16/2017 17:00
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/16/2017 to 12/18/2017
 Analyzed by : Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING


PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
Chromium	< 0.012	mg/L	0.012	0.05	3125 B. ICPMS*
Copper	< 0.002	mg/L	0.002	1.0	3125 B. ICPMS*
Lead	< 0.007	mg/L	0.007	0.01	3125 B. ICPMS*
Iron, Total	< 0.010	mg/L	0.010	1.0	3125 B. ICPMS*
Manganese, Total	< 0.024	mg/L	0.024	0.4	3125 B. ICPMS*

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit, ICPMS-Inductively Coupled Plasma-Mass Spectrometry

*digestion as part of sample preparation is assisted by microwave

ANALYZED BY:



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CERTIFIED CORRECT BY:



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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **PAG 17-11-01**

Name of Company/Customer : LYRA LERON-TORRES, MD

Address : Pagsanjan Municipal Hall, General Taino St.
Pagsanjan, Laguna

Sample Location : **PUROK 6 MORESCO VILLE 2 BRGY. SABANG PAGSANJAN**

Date/Time Collected : 11/16/2017 14:55

Date/Time Submitted : 11/16/2017 17:00

Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle

Source of Supply : Deepwell

Collected by : Elmer P. Palmares Jr.

Submitted by : Elmer P. Palmares Jr.

Date Analyzed : 11/16/2017 to 12/21/2017

Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla

Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.83/29.5	°/°C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	0.52	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	5	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.45	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	575	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	288	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	6.16	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	72.3	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	2.46	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.160	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted

MDL- Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

ANALYZED BY:



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Chemist

PRC License No. 0011960



JOVEN M. MARAVILLA, RCh

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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code: : **PAG 17-11-01**

Name of Company/Customer : LYRA LERON-TORRES, MD
Address : Pagsanjan Municipal Hall, General Taino St.
Pagsanjan, Laguna
Sample Location : **PUROK 6 MORESCO VILLE 2 BRGY. SABANG PAGSANJAN**
Date/Time Collected : 11/16/2017 14:55
Date/Time Submitted : 11/16/2017 17:00
Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
Source of Supply : Deepwell
Collected by : Elmer P. Palmares Jr.
Submitted by : Elmer P. Palmares Jr.
Date Analyzed : 11/16/2017 to 12/21/2017
Analyzed by : Joven M. Maravilla
Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
Chromium	< 0.012	mg/L	0.012	0.05	3125 B. ICPMS*
Copper	< 0.002	mg/L	0.002	1.0	3125 B. ICPMS*
Lead	< 0.007	mg/L	0.007	0.01	3125 B. ICPMS*
Iron, Total	< 0.010	mg/L	0.010	1.0	3125 B. ICPMS*
Manganese, Total	< 0.024	mg/L	0.024	0.4	3125 B. ICPMS*

REMARKS: Sample analyzed as submitted

MDL-Method Detection Limit; ICPMS-Inductively Coupled Plasma-Mass Spectrometry

*digestion as part of sample preparation is assisted by microwave

ANALYZED BY:


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CERTIFIED CORRECT BY:


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Laboratory Services Manager
PRC License No. 0054161

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OPERATIONS DEPARTMENT
LABORATORY SERVICES
ANALYTICAL SERVICES UNIT
TEST REPORT

Sample Code : **PAG 17-11-02**
 Name of Company/Customer : LYRA LERON-TORRES, MD
 Address : Pagsanjan Municipal Hall, General Taino St.
 Pagsanjan, Laguna
 Sample Location : **RESERVOIR, MORESCO VILLE 2 BRGY. SABANG PAGSANJAN**
 Date/Time Collected : 11/16/2017 14:49
 Date/Time Submitted : 11/16/2017 17:00
 Condition of Sample Upon Receipt : 1 gallon water sample in polyethylene bottle
 Source of Supply : Deepwell
 Collected by : Elmer P. Palmares Jr.
 Submitted by : Elmer P. Palmares Jr.
 Date Analyzed : 11/16/2017 to 12/20/2017
 Analyzed by : Dianne D. Dasmariñas, Joven M. Maravilla
 Reference Material : Standard Methods for the Examination of Water and Wastewater, 22nd Edition
 Philippine National Standards for Drinking Water (PNSDW), 2017

CHEMICAL TESTING

PARAMETER(S)	RESULT(S)	UNIT	MDL	PNSDW Limit	TEST METHOD(S)
pH / Temperature	7.97/29.8	~ / °C	NA	6.5-8.5	4500-H ⁺ B. Electrometric
Residual Chlorine	< 0.20	mg/L	0.20	0.3-1.5	4500-Cl G. DPD Colorimetric
Color	8	ACU	2	10	2120 B. Visual Comparison - Platinum Cobalt
Turbidity	0.70	NTU	0.020	5	2130 B. Nephelometric
Odor	UO	-	NA	UO	2150. Sensory
Taste	UO	-	NA	UO	2160. Sensory
Total Dissolved Solids	525	mg/L	NA	600	2540 C. Gravimetric @ 180°C
Total Hardness	295	mg/L	0.13	300	2430 C. EDTA Titrimetric
Sulfate	9.30	mg/L	0.41	250	4500-SO ₄ ²⁻ E. Turbidimetric
Chlorides	71.6	mg/L	0.134	250	4500-Cl ⁻ D. Potentiometric
Nitrates	2.48	mg/L	0.76	50	4500-NO ₃ ⁻ D. Nitrate Electrode
Fluoride	0.16	mg/L	0.018	1.50	4500-F C. Ion-selective Electrode

REMARKS: Sample analyzed as submitted.

MDL-Method Detection Limit; ACU- Apparent Color Unit; NTU-Nephelometric Turbidity Unit; NA-Not Applicable; UO-Unobjectionable

ANALYZED BY:



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JOVEN M. MARAVILLA, RCh
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