

A DOH ACCREDITED WATER TESTING LABORATORY

DOH Accreditation No: 03-004-16-LW-2 & 03-0028-16-PFSS-R A. Mabini St., Mojon, Malolos City (Beside old SSS Office), Bulacan PLDT NO.: 8934938; Globeline:305 0430; Cell. No.:0925 525 5504; 0925052505505 E-mail: ameerdtl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

Lab. No.

: ADL - 17 - 616

Attention

: REGINO GONZALES

CAINGIN 2 P.S.

Sample Taken By **Date of Sampling**

: December 14, 2017

Sample I.D.

Date Received

: December 14, 2017

Sample Description:

Time of Sampling : 4:26 AM : SAN RAFAEL, BULACAN Place of Sampling

CLEAR, NO SEDIMENTS

Source of Sample	: DEEPWELL				CLI	EAR, NO SEDI	WIENTS
Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	YSICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
	-	CHE	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	8.40		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/18/2017	376	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	7.97	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL IDL Method Detection Limit **Instrument Detection Limit**

References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

Analyzed and Checked By:

ntolentono

Maryanne S. Tolentino

Analyst

Rogelio M. Calleja, Jr., RCh

Chemist - PRC License No.: 0009629

Approved By

Arroyo, RMT Analyst - PRC License No.: 13881

Susana P. Quiaoit, MD, FPSP

Head of the Laboratory - PRC License No.: 64242



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Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

Attention

Lab. No.

: ADL - 17 - 617

Sample Taken By

: REGINO GONZALES

Sample I.D.

μg/L

CAINGIN 1 P.S.

Passed

Date of Sampling

Source of Sample

: December 14, 2017 : December 14, 2017

Date Received Time of Sampling : 4:32 AM Place of Sampling

Sample Description:

: SAN RAFAEL, BULACAN : DEEPWELL

SM3113B

CLEAR, NO SEDIMENTS

10 μg/L

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	YSICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
		CHE	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.27		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/18/2017	227	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	1.94	mg/L	50 mg/L	Passed

METAL ANALYSIS 0.6 μg/L | 12/18/2017 | <MDL

MAL

Maximum Allowable Level

MDL IDL Method Detection Limit Instrument Detection Limit

References:

Analyst

Arsenic (As)

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22" Edition

Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

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Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

Lab. No.

: ADL - 17 - 618

Attention Sample Taken By

: REGINO GONZALES

Sample I.D.

TAMBUBONG P.S.

Date of Sampling Date Received

: December 14, 2017 : December 14, 2017

: 9:00 AM **Time of Sampling** Place of Sampling

: SAN RAFAEL, BULACAN

Sample Description:

CLEAR, NO SEDIMENTS

Source of Sample	: DEEPWELL				CLI	EAR, NO SEDI	MENTS
Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	YSICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
		CHI	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.16		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/18/2017	229	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	6.16	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAI.

Maximum Allowable Level

MDL

Method Detection Limit

IDL

Instrument Detection Limit

References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

Analyzed and Checked By:

mtolenling

Maryanne S. Tolentino

Rogelio M. Calleja, Jr., RCh

Chemist - PRC License No.: 0009629

Approved By:

con - Arroyo, RMT - PRC License No.: 13881 Analys

Susana P. Quiaoit, MD, FPSP

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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

Attention

Lab. No.

: ADL - 17 - 619

Sample Taken By **Date of Sampling** : REGINO GONZALES : December 14, 2017

Sample I.D.

SAMPALOC P.S.

Date Received

: December 14, 2017

Time of Sampling

: 4:59

Sample Description:

: SAN RAFAEL, BULACAN Place of Sampling

CLEAR, NO SEDIMENTS

Source of Sample	: DEEPWELL				CLI	EAR, NO SEDI	WIENTS
Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	SICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
		CHI	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.97		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/18/2017	549	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	15	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL

Method Detection Limit

IDL

References:

Instrument Detection Limit

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

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on - Arroyo, RMT

- PRC License No.: 13881

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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

Attention

: ADL - 17 - 620

Lab. No. Sample I.D.

PASEO DE SAN ROQUE

Sample Taken By **Date of Sampling** : REGINO GONZALES : December 14, 2017

P.S.

Date Received

: December 14, 2017

Time of Sampling : 5:54 AM Place of Sampling

: SAN RAFAEL, BULACAN

Sample Description:

CLEAR, NO SEDIMENTS

Source of Sample	: DEEPWELL				CLI	EAR, NO SEDI	MENTS
Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	SICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
		CHI	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.59		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	339	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	7.97	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL IDL Method Detection Limit **Instrument Detection Limit**

References

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22nd Edition

Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

Analyzed and Checked By:

mtolentino

Maryanne S. Tolentino

Analyst

Rogelio M. Calleja, Jr., RCh Chemist - PRC License No.: 0009629 Approved By:

Arroyo, RMT PRC License No.: 13881

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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

Attention

Lab. No.

: ADL - 17 - 621

Sample Taken By

: REGINO GONZALES

Sample I.D.

: MAGUINAO GULOD P.S.

Date of Sampling Date Received

Place of Sampling

: December 14, 2017 : December 14, 2017

Sample Description:

Time of Sampling

: 6:05 AM : SAN RAFAEL, BULACAN

Course of Comple · DEEPWELL **CLEAR, NO SEDIMENTS**

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	SICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
, 11		CHE	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.64		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	316	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	10	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL IDL Maximum Allowable Level

MDI.

Method Detection Limit Instrument Detection Limit

References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

Analyzed and Checked By:

molentino

Maryanne S. Tolentino

Analyst

Rogelio M. Calleja, Jr., RCh

Chemist - PRC License No.: 0009629

Approved By

an - Arroyo, RMT Amira de Owner / Analyst - PRC License No.: 13881

Susana P. Quiaoit, MD, FPSP

Head of the Laboratory - PRC License No.: 64242



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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

Attention

Lab. No.

: ADL - 17 - 622

Sample Taken By

: REGINO GONZALES

Sample I.D.

: GARDEN BREEZE P.S.

Date of Sampling Date Received

: December 14, 2017 : December 14, 2017

Sample Description:

Time of Sampling Place of Sampling

: SAN RAFAEL, BULACAN

CLEAR, NO SEDIMENTS

Source of Sample	: DEEPWELL				CLI	EAR, NO SEDI	MENTS
Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	SICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
		CHE	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.96		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	403	mg/L	600 mg/L	Passed
Nitrate (NO ₃ ⁻)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	3.75	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL IDL Method Detection Limit Instrument Detection Limit

References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

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mtolentino

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Analyst

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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

Date Released

: January 9, 2018

Address Attention : SAN RAFAEL, BULACAN

Lab. No.

: ADL - 17 - 623

Sample Taken By

: REGINO GONZALES

Sample I.D.

SAN ROQUE P.S.

Date of Sampling

: December 14, 2017

Date Received Time of Sampling Place of Sampling

on of Sample

: December 14, 2017

· DEEPWELL

: 6:35 AM

: SAN RAFAEL, BULACAN

Sample Description:

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	YSICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
		CHI	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.59		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	341	mg/L	600 mg/L	Passed
Nitrate (NO ₃ ⁻)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	9.18	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL IDL Method Detection Limit Instrument Detection Limit

References:

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DOH Accreditation No: 03-004-16-LW-2 & 03-0028-16-PFSS-R

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E-mail: ameerdtl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

Date Released : January 9, 2018

Address

: SAN RAFAEL, BULACAN

No. : ADL - 17 - 624

Attention

: SAN KAFAEL, BOLACE

Lab. No.

MAACINAD

Sample Taken By

: REGINO GONZALES

Sample I.D.

MAASIM P.S.

Date of Sampling
Date Received

Place of Sampling

: December 14, 2017 : December 14, 2017

Sample Description :

Time of Sampling

: 6:41 AM : SAN RAFAEL, BULACAN

. DEEDWELL

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	YSICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
7 11		CHI	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.88		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	387	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	13	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL

Method Detection Limit Instrument Detection Limit

References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

b. Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

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Analyzed and Checked By:

mtolentino

Maryanne S. Tolentino

Maryann Analyst

10.

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Chemist - PRC License No.: 0009629

Approved By:

Amira de Leon Arroyo, RMT

Owner / Analyst - PRC License No.: 13881

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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

Lab. No.

: ADL - 17 - 625

Attention

: REGINO GONZALES

SAN AGUSTIN P.S.

Sample Taken By **Date of Sampling**

: December 14, 2017

Sample I.D.

Date Received

: December 14, 2017

Sample Description:

Time of Sampling Place of Sampling

: 7:02 AM : SAN RAFAEL, BULACAN

· DEEDWELL

CLEAR, NO SEDIMENTS

Source of Sample	: DEEPWELL						
Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	SICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
		CHI	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.45		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	356	mg/L	600 mg/L	Passed
Nitrate (NO ₃ *)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	6.77	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL

Method Detection Limit

IDL

Instrument Detection Limit

References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

Analyzed and Checked By:

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Rogelio M. Calleja, Jr., RCh

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Approved By

Arroyo, RMT - PRC License No.: 13881

Susana P. Quiaoit, MD, FPSP

Head of the Laboratory - PRC License No.: 64242



A DOH ACCREDITED WATER TESTING LABORATORY

DOH Accreditation No: 03-004-16-LW-2 & 03-0028-16-PFSS-R

A. Mabini St., Mojon, Malolos City (Beside old SSS Office), Bulacan
PLDT NO.: 8934938; Globeline:305 0430; Cell. No.:0925 525 5504; 0925052505505

E-mail: ameerdtl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

Date Released : January 9, 2018

Address

: SAN RAFAEL, BULACAN

: ADL - 17 - 626

Attention

: SAN KAI ALL, BOLING

Lab. No.

Sample Taken By Date of Sampling : REGINO GONZALES : December 14, 2017

Sample I.D.

SALAPUNGAN P.S.

Date Received
Time of Sampling

: December 14, 2017

Sample Description :

Time of Sampling : 7:32 AM : SAN RAFAEL, BULACAN

ource of Sample : DEEPWELL

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	SICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	5	PCU	10 PCU	Passed
7 11		CHE	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	8.17		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	551	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	21	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL IDL Method Detection Limit Instrument Detection Limit

References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

b. Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

Analyzed and Checked By:

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Analyst

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Rogelio M. Calleja, Jr., RCh

Chemist - PRC License No.: 0009629

Approved By

Amira de Leon Arroyo, RMT

Owner / Analys - PRC License No.: 13881

Susana P. Quiaoit, MD, FPSP

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DOH Accreditation No: 03-004-16-LW-2 & 03-0028-16-PFSS-R

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E-mail: ameerdti_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

Date Released : January 9, 2018

Address

: SAN RAFAEL, BULACAN

Lab. No.

: ADL - 17 - 627

Attention Sample Taken By

: REGINO GONZALES

....

MARONQUILLO DUG

Date of Sampling

: December 14, 2017

Sample I.D.

WELL

Date Received Time of Sampling : December 14, 2017

Sample Description:

CLEAR, NO SEDIMENTS

: 7:32 AM

: SAN RAFAEL, BULACAN

Place of Sampling : SAN RAFAEI
Source of Sample : DEEPWELL

Source of Sample Dates of Results, as MAL Method Remarks MDL Units **Analyses** received (PNSDW Limits) **Analyses** (SMEWW 22nd ed.) PHYSICAL ANALYSIS 10 PCU Passed PCU Color, Apparent SM2120B 12/14/2017 <MDL CHEMICAL ANALYSIS 0.01^{IDL} 12/14/2017 6.5-8.5 Passed pH, Laboratory @ 25°C SM4500-H⁺B mg/L Passed Total Dissolved Solids 12/19/2017 361 600 mg/L SM2540C 2 mg/L Passed 8.57 0.001 mg/L 12/21/2017 mg/L 50 mg/L SM4500-NO₃B Nitrate (NO₃) METAL ANALYSIS 10 μg/L Passed SM3113B 12/18/17 <MDL µg/L Arsenic (As)

MAL

Maximum Allowable Level

MDL

Method Detection Limit Instrument Detection Limit

References:

Analyst

a. Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

b. Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

Attention

Lab. No.

: ADL - 17 - 628

Sample Taken By

: REGINO GONZALES

Sample I.D.

MARONQUILLO P.S.

Date of Sampling Date Received

: December 14, 2017 : December 14, 2017

Sample Description:

Time of Sampling : 6:38 AM Place of Sampling

: SAN RAFAEL, BULACAN

CLEAR, NO SEDIMENTS

Source of Sample Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
	(SMEW W 22 Ed.)	PHY	SICAL ANA				
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
Color, repaired		CHI	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.19		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	334	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	10	mg/L	50 mg/L	Passed
3/		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL IDL Method Detection Limit Instrument Detection Limit

References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22" Edition

Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

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Analyst

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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

: January 9, 2018 **Date Released**

Address

: SAN RAFAEL, BULACAN

: ADL - 17 - 629

Attention

: REGINO GONZALES

Lab. No.

POBLACION P.S.

Sample Taken By **Date of Sampling**

: December 14, 2017

Sample I.D.

Date Received

: December 14, 2017

Sample Description:

Time of Sampling : 7:30 AM : SAN RAFAEL, BULACAN Place of Sampling

CLEAR, NO SEDIMENTS

Source or Sumpre	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
Analyses							
		PHY	SICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
CO.C., 12PP		CHE	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.65		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	400	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	14	mg/L	50 mg/L	Passed
37		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL

Method Detection Limit

IDL

Instrument Detection Limit

References:

Analyst

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22 nd Edition

Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

GBC Scientific Analytical Methods, Atomic Absorption Spectrophotometry

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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name

: SAN RAFAEL WATER DISTRICT

Date Released : January 9, 2018

Address

: SAN RAFAEL, BULACAN

: ADL - 17 - 630

Attention Sample Taken By

: REGINO GONZALES

Lab. No.

CRUZ NA DAAN P.S.

Date of Sampling

: December 14, 2017

Sample I.D.

Date Received

: December 14, 2017

Time of Sampling Place of Sampling

: 6:19 AM

: SAN RAFAEL, BULACAN

Sample Description:

CLEAR, NO SEDIMENTS

Source of Sample	: DEEPWELL						
Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
		PH	YSICAL ANA	LYSIS			
Color, Apparent	SM2120B	2 PCU	12/14/2017	<mdl< td=""><td>PCU</td><td>10 PCU</td><td>Passed</td></mdl<>	PCU	10 PCU	Passed
		CHI	EMICAL ANA	LYSIS			
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.69		6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	440	mg/L	600 mg/L	Passed
Nitrate (NO ₃)	SM4500-NO ₃ B	0.001 mg/L	12/21/2017	15	mg/L	50 mg/L	Passed
		M	ETAL ANAL	YSIS			
Arsenic (As)	SM3113B	0.6 μg/L	12/18/2017	<mdl< td=""><td>μg/L</td><td>10 μg/L</td><td>Passed</td></mdl<>	μg/L	10 μg/L	Passed

MAL

Maximum Allowable Level

MDL

Method Detection Limit

IDL

Instrument Detection Limit

References:

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Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

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Analyzed and Checked By:

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