



AMEER DIAGNOSTIC LABORATORY

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**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **4:26 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 616**

Sample I.D. : **CAINGIN 2 P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<MDL	µg/L	10 µg/L	Passed

MAL - Maximum Allowable Level
MDL - Method Detection Limit
IDL - Instrument Detection Limit

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

Maryanne S. Tolentino
Analyst

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

Approved By:

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

Susana P. Quiaoit, MD, FPSP
Head of the Laboratory - PRC License No.: 64242

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E-mail : ameerdtl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **4:32 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 617**

Sample I.D. : **CAINGIN I P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<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, 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

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M. Tolentino

Maryanne S. Tolentino

Analyst

R. Calleja

Rogelio M. Calleja, Jr., RCh

Chemist - PRC License No.: 0009629

Approved By:

Amira de Leon

Amira de Leon - Arroyo, RMT

Owner / Analyst - PRC License No.: 13881

S. Quiaoit

Susana P. Quiaoit, MD, FPSP

Head of the Laboratory - PRC License No.: 64242

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E-mail : ameerdtl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **9:00 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 618**

Sample I.D. : **TAMBUBONG P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<MDL	µg/L	10 µg/L	Passed

MAL - Maximum Allowable Level
MDL - Method Detection Limit
IDL - Instrument Detection Limit

References: a. *Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22nd Edition*
b. *Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)*
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Maryanne S. Tolentino

Analyst

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Rogelio M. Calleja, Jr., RCh

Chemist - PRC License No.: 0009629

Approved By:

Amira de Leon - Arroyo

Amira de Leon - Arroyo, RMT

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E-mail : ameerdti_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **4:59**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 619**

Sample I.D. : **SAMPALOC P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<MDL	µg/L	10 µg/L	Passed

MAL - Maximum Allowable Level
MDL - Method Detection Limit
IDL - Instrument Detection Limit

References:
a. *Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22nd 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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Rogelio M. Calleja, Jr., RCh

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Approved By:

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Amira de Leon - Arroyo, RMT

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E-mail: ameerdilab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **5:54 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 620**
Sample I.D. : **PASEO DE SAN ROQUE**
P.S.

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<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, 22nd Edition
 - Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **6:05 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 621**

Sample I.D. : **MAGUINAO GULOD P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<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, 22nd Edition
 - Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

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Approved By:

Amira de Leon

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E-mail: ameerdtl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling :
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 622**

Sample I.D. : **GARDEN BREEZE P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<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, 22nd Edition
- Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)

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Chemist - PRC License No.: 0009629

Approved By:

Amira de Leon

Amira de Leon, Arroyo, RMT

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E-mail: ameerdlt_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **6:35 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 623**

Sample I.D. : **SAN ROQUE P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<MDL	µg/L	10 µg/L	Passed

MAL - Maximum Allowable Level
MDL - Method Detection Limit
IDL - Instrument Detection Limit

References: a. *Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22nd Edition*
b. *Department of Health A.O. No. 10 s. 2017 (Philippine National Standards for Drinking Water 2017)*
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Amira de Leon
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E-mail: ameerdtl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **6:41 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 624**

Sample I.D. : **MAASIM P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<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, 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:

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AMEER DIAGNOSTIC LABORATORY

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**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **7:02 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 625**

Sample I.D. : **SAN AGUSTIN P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<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, 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:

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Maryanne S. Tolentino

Analyst

R. M. Calleja, Jr.

Rogelio M. Calleja, Jr., RCh

Chemist - PRC License No.: 0009629

Approved By:

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Amira de Leon - Arroyo, RMT

Owner / Analyst - PRC License No.: 13881

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E-mail: ameerdtl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **7:32 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 626**

Sample I.D. : **SALAPUNGAN P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	5	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<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, 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

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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**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **7:32 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 627**

Sample I.D. : **MARONQUILLO DUG WELL**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
pH, Laboratory @ 25°C	SM4500-H ⁺ B	0.01 ^{IDL}	12/14/2017	7.44	-----	6.5-8.5	Passed
Total Dissolved Solids	SM2540C	2 mg/L	12/19/2017	361	mg/L	600 mg/L	Passed
Nitrate (NO ₃ ⁻)	SM4500-NO ₃ ⁻ B	0.001 mg/L	12/21/2017	8.57	mg/L	50 mg/L	Passed
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/17	<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, 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:

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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**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **6:38 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 628**

Sample I.D. : **MARONQUILLO P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<MDL	µg/L	10 µg/L	Passed

MAL - Maximum Allowable Level
MDL - Method Detection Limit
IDL - Instrument Detection Limit

References: a. *Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22nd 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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Approved By:

Amira de Leon

Amira de Leon - Arroyo, RMT

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E-mail: ameerdtl_lab@yahoo.com

PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **7:30 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 629**

Sample I.D. : **POBLACION P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<MDL	µg/L	10 µg/L	Passed

MAL - Maximum Allowable Level
MDL - Method Detection Limit
IDL - Instrument Detection Limit

References:
a. *Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22nd 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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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**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **REGINO GONZALES**
Date of Sampling : **December 14, 2017**
Date Received : **December 14, 2017**
Time of Sampling : **6:19 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 9, 2018**

Lab. No. : **ADL - 17 - 630**

Sample I.D. : **CRUZ NA DAAN P.S.**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method (SMEWW 22 nd ed.)	MDL	Dates of Analyses	Results, as received	Units	MAL (PNSDW Limits)	Remarks
PHYSICAL ANALYSIS							
Color, Apparent	SM2120B	2 PCU	12/14/2017	<MDL	PCU	10 PCU	Passed
CHEMICAL ANALYSIS							
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
METAL ANALYSIS							
Arsenic (As)	SM3113B	0.6 µg/L	12/18/2017	<MDL	µg/L	10 µg/L	Passed

MAL - Maximum Allowable Level
MDL - Method Detection Limit
IDL - Instrument Detection Limit

References: a. *Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 22nd 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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Chemist - PRC License No.: 0009629

Approved By:

Amira de Leon
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