

AMEER DIAGNOSTIC LABORATORY

A DOH ACCREDITED WATER AND DRUG TESTING LABORATORY

DOH Accreditation No: 3-011-13-LW-2 & 03-0794-15-PFSS-R

A. Mabini St., Mojon, Malolos City (Beside SSS Office), Bulacan

PLDT No.: 893 4938; Globeline: 305 0430; Cell. No.: 0923 737 8982 / 0925 525 5504 / 0925 525 5505 / 0917 525 8199

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 : **ADRIAN ZARAGA**
Date of Sampling : **December 15, 2015**
Date Received : **December 15, 2015**
Time of Sampling : **7:21 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **WELL**

Date Released : **January 6, 2016**

Lab. No. : **ADL - 15 - 422**

Sample I.D. : **MARONQUILLO
PUMPING STATION
(DUG WELL)**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method	Dates of Analyses	Results, as received	Units	PNSDW Limits*	Remarks
PHYSICAL ANALYSIS						
Turbidity	Turbidimeter (IDL = 0.02 NTU)	12/16/2015	0.85	NTU	5	Passed
Color, True	Visual Comparison	12/16/2015	5	PCU	5	Passed
CHEMICAL ANALYSIS						
pH, Laboratory @ 25°C	Glass Electrode	12/16/2015	6.46	-----	6.5-8.5, 5-7 if purified [#]	Passed
Chloride	Argentometry	12/19/2015	23	mg/L	250	Passed
TDS	Gravimetry	12/19/2015	377	mg/L	500, <10 if purified [#]	Passed
Nitrate	Colorimetry - Cd Reduction	12/17/2015	17	mg/L	50	Passed
Sulfate	Turbidimetry	12/16/2015	35	mg/L	250	Passed
Benzene	Qualitative	12/16/2015	ABSENCE	mg/L	0.01	Passed
METAL ANALYSIS						
Iron	AAS (MDL = 0.06 mg/L)	12/28/2015	0.063	mg/L	1.00	Passed
Manganese	AAS (MDL = 0.03 mg/L)	12/28/2015	0.128	mg/L	0.40	Passed
Arsenic	AAS (MDL = 0.005 mg/L)	12/28/2015	<0.005	mg/L	0.05	Passed
Cadmium	AAS (MDL = 0.003 mg/L)	12/28/2015	<0.003	mg/L	0.003	Passed
Lead	AAS (MDL = 0.0019 mg/L)	12/28/2015	<0.0019	mg/L	0.01	Passed

ND = Not Detected

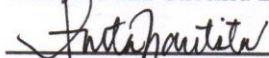
References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 21st Edition
GBC Scientific Analytical Methods, Flame Atomic Absorption Spectrophotometry

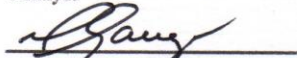
* Department of Health A.O. No. 12 s. 2007 (Philippine National Standards for Drinking Water 2007)

[#] Bureau of Food & Drugs Amendment of A.O. No. 39 s. 1996 (Standard of Quality and Requirement for the Processing and Labeling of Bottled Drinking Water)

Analyzed and Checked By:


Anita Bautista

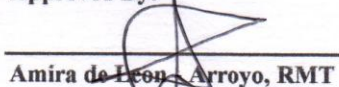
Analyst


Rogelio M. Calleja, Jr.

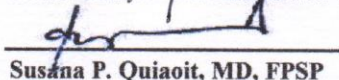
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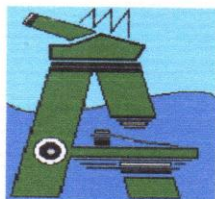
Approved By:


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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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **ADRIAN ZARAGA**
Date of Sampling : **December 15, 2015**
Date Received : **December 15, 2015**
Time of Sampling : **7:57 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 6, 2016**

Lab. No. : **ADL - 15 - 421**

Sample I.D. : **MARONQUILLO
PUMPING STATION**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method	Dates of Analyses	Results, as received	Units	PNSDW Limits*	Remarks
PHYSICAL ANALYSIS						
Turbidity	Turbidimeter (IDL = 0.02 NTU)	12/16/2015	<0.02	NTU	5	Passed
Color, True	Visual Comparison	12/16/2015	5	PCU	5	Passed
CHEMICAL ANALYSIS						
pH, Laboratory @ 25°C	Glass Electrode	12/16/2015	6.77	-----	6.5-8.5, 5-7 if purified [#]	Passed
Chloride	Argentometry	12/19/2015	18	mg/L	250	Passed
TDS	Gravimetry	12/19/2015	478	mg/L	500, <10 if purified [#]	Passed
Nitrate	Colorimetry - Cd Reduction	12/17/2015	19	mg/L	50	Passed
Sulfate	Turbidimetry	12/16/2015	36	mg/L	250	Passed
Benzene	Qualitative	12/16/2015	ABSENCE	mg/L	0.01	Passed
METAL ANALYSIS						
Iron	AAS (MDL = 0.06 mg/L)	12/28/2015	<0.06	mg/L	1.00	Passed
Manganese	AAS (MDL = 0.03 mg/L)	12/28/2015	0.111	mg/L	0.40	Passed
Arsenic	AAS (MDL = 0.005 mg/L)	12/28/2015	<0.005	mg/L	0.05	Passed
Cadmium	AAS (MDL = 0.003 mg/L)	12/28/2015	<0.003	mg/L	0.003	Passed
Lead	AAS (MDL = 0.0019 mg/L)	12/28/2015	<0.0019	mg/L	0.01	Passed

ND = Not Detected

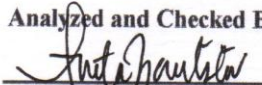
References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 21st Edition
GBC Scientific Analytical Methods, Flame Atomic Absorption Spectrophotometry

* Department of Health A.O. No. 12 s. 2007 (Philippine National Standards for Drinking Water 2007)

[#] Bureau of Food & Drugs Amendment of A.O. No. 39 s. 1996 (Standard of Quality and Requirement for the Processing and Labeling of Bottled Drinking Water)

Analyzed and Checked By:


Anita Bautista

Analyst


Rogelio M. Calleja, Jr.

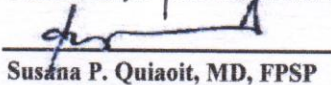
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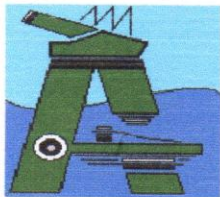

Amira de Leon - Arroyo, RMT

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 : **ADRIAN ZARAGA**
Date of Sampling : **December 15, 2015**
Date Received : **December 15, 2015**
Time of Sampling : **8:39 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 6, 2016**

Lab. No. : **ADL - 15 - 423**
Sample I.D. : **POBLACION PUMPING STATION**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method	Dates of Analyses	Results, as received	Units	PNSDW Limits*	Remarks
PHYSICAL ANALYSIS						
Turbidity	Turbidimeter (IDL = 0.02 NTU)	12/16/2015	<0.02	NTU	5	Passed
Color, True	Visual Comparison	12/16/2015	<5	PCU	5	Passed
CHEMICAL ANALYSIS						
pH, Laboratory @ 25°C	Glass Electrode	12/16/2015	7.18	-----	6.5-8.5, 5-7 if purified [#]	Passed
Chloride	Argentometry	12/19/2015	58	mg/L	250	Passed
TDS	Gravimetry	12/19/2015	393	mg/L	500, <10 if purified [#]	Passed
Nitrate	Colorimetry - Cd Reduction	12/17/2015	4.92	mg/L	50	Passed
Sulfate	Turbidimetry	12/16/2015	24	mg/L	250	Passed
Benzene	Qualitative	12/16/2015	ABSENCE	mg/L	0.01	Passed
METAL ANALYSIS						
Iron	AAS (MDL = 0.06 mg/L)	12/28/2015	0.070	mg/L	1.00	Passed
Manganese	AAS (MDL = 0.03 mg/L)	12/28/2015	0.030	mg/L	0.40	Passed
Arsenic	AAS (MDL = 0.005 mg/L)	12/28/2015	<0.005	mg/L	0.05	Passed
Cadmium	AAS (MDL = 0.003 mg/L)	12/28/2015	<0.003	mg/L	0.003	Passed
Lead	AAS (MDL = 0.0019 mg/L)	12/28/2015	<0.0019	mg/L	0.01	Passed

ND = Not Detected

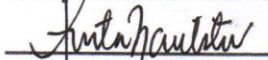
References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 21st Edition
GBC Scientific Analytical Methods, Flame Atomic Absorption Spectrophotometry

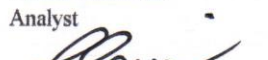
* Department of Health A.O. No. 12 s. 2007 (Philippine National Standards for Drinking Water 2007)

[#] Bureau of Food & Drugs Amendment of A.O. No. 39 s. 1996 (Standard of Quality and Requirement for the Processing and Labeling of Bottled Drinking Water)

Analyzed and Checked By:


Anita Bautista

Analyst


Rogelio M. Calleja, Jr.

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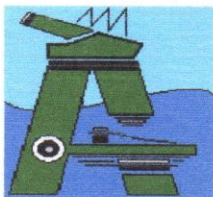
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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **ADRIAN ZARAGA**
Date of Sampling : **December 15, 2015**
Date Received : **December 15, 2015**
Time of Sampling : **6:16 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 6, 2016**

Lab. No. : **ADL - 15 - 419**

Sample I.D. : **FAIRFIELD SUBD.
PUMPING STATION**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method	Dates of Analyses	Results, as received	Units	PNSDW Limits*	Remarks
PHYSICAL ANALYSIS						
Turbidity	Turbidimeter (IDL = 0.02 NTU)	12/16/2015	<0.02	NTU	5	Passed
Color, True	Visual Comparison	12/16/2015	<1	PCU	5	Passed
CHEMICAL ANALYSIS						
pH, Laboratory @ 25°C	Glass Electrode	12/16/2015	7.39	-----	6.5-8.5, 5-7 if purified [#]	Passed
Chloride	Argentometry	12/19/2015	18	mg/L	250	Passed
TDS	Gravimetry	12/19/2015	356	mg/L	500, <10 if purified [#]	Passed
Nitrate	Colorimetry - Cd Reduction	12/17/2015	ND	mg/L	50	Passed
Sulfate	Turbidimetry	12/16/2015	12	mg/L	250	Passed
Benzene	Qualitative	12/16/2015	ABSENCE	mg/L	0.01	Passed
METAL ANALYSIS						
Iron	AAS (MDL = 0.06 mg/L)	12/28/2015	0.079	mg/L	1.00	Passed
Manganese	AAS (MDL = 0.03 mg/L)	12/28/2015	0.054	mg/L	0.40	Passed
Arsenic	AAS (MDL = 0.005 mg/L)	12/28/2015	<0.005	mg/L	0.05	Passed
Cadmium	AAS (MDL = 0.003 mg/L)	12/28/2015	<0.003	mg/L	0.003	Passed
Lead	AAS (MDL = 0.0019 mg/L)	12/28/2015	<0.0019	mg/L	0.01	Passed

ND = Not Detected

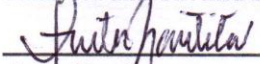
References:

Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 21st Edition
GBC Scientific Analytical Methods, Flame Atomic Absorption Spectrophotometry

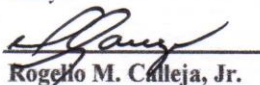
* Department of Health A.O. No. 12 s. 2007 (Philippine National Standards for Drinking Water 2007)

" Bureau of Food & Drugs Amendment of A.O. No. 39 s. 1996 (Standard of Quality and Requirement for the Processing and Labeling of Bottled Drinking Water)

Analyzed and Checked By:


Anita Bautista

Analyst

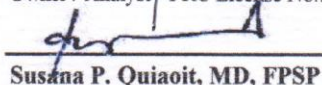

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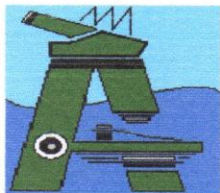

Amira de Leon Arroyo, RMT

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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 : **ADRIAN ZARAGA**
Date of Sampling : **December 15, 2015**
Date Received : **December 15, 2015**
Time of Sampling : **6:00 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 6, 2016**

Lab. No. : **ADL - 15 - 417**

Sample I.D. : **GARDEN BREEZE
PUMPING STATION**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method	Dates of Analyses	Results, as received	Units	PNSDW Limits*	Remarks
PHYSICAL ANALYSIS						
Turbidity	Turbidimeter (IDL = 0.02 NTU)	12/16/2015	<0.02	NTU	5	Passed
Color, True	Visual Comparison	12/16/2015	5	PCU	5	Passed
CHEMICAL ANALYSIS						
pH, Laboratory @ 25°C	Glass Electrode	12/16/2015	7.92	----	6.5-8.5, 5-7 if purified [#]	Passed
Chloride	Argentometry	12/19/2015	78	mg/L	250	Passed
TDS	Gravimetry	12/19/2015	365	mg/L	500, <10 if purified [#]	Passed
Nitrate	Colorimetry - Cd Reduction	12/17/2015	ND	mg/L	50	Passed
Sulfate	Turbidimetry	12/16/2015	9.79	mg/L	250	Passed
Benzene	Qualitative	12/16/2015	ABSENCE	mg/L	0.01	Passed
METAL ANALYSIS						
Iron	AAS (MDL = 0.06 mg/L)	12/28/2015	0.067	mg/L	1.00	Passed
Manganese	AAS (MDL = 0.03 mg/L)	12/28/2015	<0.03	mg/L	0.40	Passed
Arsenic	AAS (MDL = 0.005 mg/L)	12/28/2015	<0.005	mg/L	0.05	Passed
Cadmium	AAS (MDL = 0.003 mg/L)	12/28/2015	<0.003	mg/L	0.003	Passed
Lead	AAS (MDL = 0.0019 mg/L)	12/28/2015	<0.0019	mg/L	0.01	Passed

ND = Not Detected
References:

*Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 21st Edition
GBC Scientific Analytical Methods, Flame Atomic Absorption Spectrophotometry*

** Department of Health A.O. No. 12 s. 2007 (Philippine National Standards for Drinking Water 2007)*

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Analyzed and Checked By:

Anita Bautista
Analyst

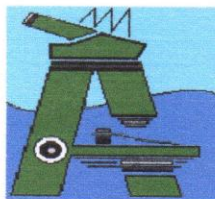
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PHYSICO - CHEMICAL TEST RESULT FOR DRINKING WATER

Customer's Name : **SAN RAFAEL WATER DISTRICT**
Address : **SAN RAFAEL, BULACAN**
Attention :
Sample Taken By : **ADRIAN ZARAGA**
Date of Sampling : **December 15, 2015**
Date Received : **December 15, 2015**
Time of Sampling : **5:02 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 6, 2016**

Lab. No. : **ADL - 15 - 413**

Sample I.D. : **CAINGIN I PUMPING STATION**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method	Dates of Analyses	Results, as received	Units	PNSDW Limits*	Remarks
PHYSICAL ANALYSIS						
Turbidity	Turbidimeter (IDL = 0.02 NTU)	12/16/2015	<0.02	NTU	5	Passed
Color, True	Visual Comparison	12/16/2015	5	PCU	5	Passed
CHEMICAL ANALYSIS						
pH, Laboratory @ 25°C	Glass Electrode	12/16/2015	6.00	-----	6.5-8.5, 5-7 if purified [#]	Passed
Chloride	Argentometry	12/19/2015	11	mg/L	250	Passed
TDS	Gravimetry	12/19/2015	216	mg/L	500, <10 if purified [#]	Passed
Nitrate	Colorimetry - Cd Reduction	12/17/2015	39	mg/L	50	Passed
Sulfate	Turbidimetry	12/16/2015	19	mg/L	250	Passed
Benzene	Qualitative	12/16/2015	ABSENCE	mg/L	0.01	Passed
METAL ANALYSIS						
Iron	AAS (MDL = 0.06 mg/L)	12/28/2015	<0.06	mg/L	1.00	Passed
Manganese	AAS (MDL = 0.03 mg/L)	12/28/2015	0.150	mg/L	0.40	Passed
Arsenic	AAS (MDL = 0.005 mg/L)	12/28/2015	<0.005	mg/L	0.05	Passed
Cadmium	AAS (MDL = 0.003 mg/L)	12/28/2015	<0.003	mg/L	0.003	Passed
Lead	AAS (MDL = 0.0019 mg/L)	12/28/2015	<0.0019	mg/L	0.01	Passed

ND = Not Detected

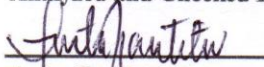
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Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 21st Edition
GBC Scientific Analytical Methods, Flame Atomic Absorption Spectrophotometry

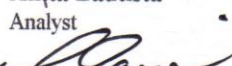
* Department of Health A.O. No. 12 s. 2007 (Philippine National Standards for Drinking Water 2007)

" Bureau of Food & Drugs Amendment of A.O. No. 39 s. 1996 (Standard of Quality and Requirement for the Processing and Labeling of Bottled Drinking Water)

Analyzed and Checked By:


Anita Bautista

Analyst


Rogelio M. Calleja, Jr.

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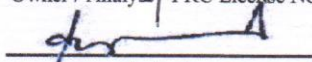
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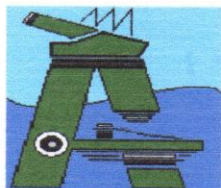
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Head of the Laboratory - PRC License No.: 64242



AMEER DIAGNOSTIC LABORATORY

A DOH ACCREDITED WATER AND DRUG TESTING LABORATORY

DOH Accreditation No: 3-011-13-LW-2 & 03-0794-15-PFSS-R

A. Mabini St., Mojon, Malolos City (Beside SSS Office), Bulacan

PLDT No.: 893 4938; Globeline: 305 0430; Cell. No.: 0923 737 8982 / 0925 525 5504 / 0925 525 5505 / 0917 525 8199

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 : **ADRIAN ZARAGA**
Date of Sampling : **December 15, 2015**
Date Received : **December 15, 2015**
Time of Sampling : **4:49 AM**
Place of Sampling : **SAN RAFAEL, BULACAN**
Source of Sample : **DEEPWELL**

Date Released : **January 6, 2016**

Lab. No. : **ADL - 15 - 414**

Sample I.D. : **CAINGIN II PUMPING STATION**

Sample Description :

CLEAR, NO SEDIMENTS

Analyses	Method	Dates of Analyses	Results, as received	Units	PNSDW Limits*	Remarks
PHYSICAL ANALYSIS						
Turbidity	Turbidimeter (IDL = 0.02 NTU)	12/16/2015	<0.02	NTU	5	Passed
Color, True	Visual Comparison	12/16/2015	<5	PCU	5	Passed
CHEMICAL ANALYSIS						
pH, Laboratory @ 25°C	Glass Electrode	12/16/2015	7.42	-----	6.5-8.5, 5-7 if purified [#]	Passed
Chloride	Argentometry	12/19/2015	25	mg/L	250	Passed
TDS	Gravimetry	12/19/2015	367	mg/L	500, <10 if purified [#]	Passed
Nitrate	Colorimetry - Cd Reduction	12/17/2015	2.35	mg/L	50	Passed
Sulfate	Turbidimetry	12/16/2015	24	mg/L	250	Passed
Benzene	Qualitative	12/16/2015	ABSENCE	mg/L	0.01	Passed
METAL ANALYSIS						
Iron	AAS (MDL = 0.06 mg/L)	12/28/2015	<0.06	mg/L	1.00	Passed
Manganese	AAS (MDL = 0.03 mg/L)	12/28/2015	<0.03	mg/L	0.40	Passed
Arsenic	AAS (MDL = 0.005 mg/L)	12/28/2015	<0.005	mg/L	0.05	Passed
Cadmium	AAS (MDL = 0.003 mg/L)	12/28/2015	<0.003	mg/L	0.003	Passed
Lead	AAS (MDL = 0.0019 mg/L)	12/28/2015	<0.0019	mg/L	0.01	Passed

ND = Not Detected

References:

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