



CRL Environmental Corporation

21 January 2020

Guimba Water District
Danzalan St. cor Faigal St.
Guimba, Nueva Ecija

ATTN.: **Engr. Felixberto C. Legarda**

Project Name: Not Supplied
Lab. Nos.: P00101339-01/08

Enclosed are the results for samples received by CRL Environmental Corporation and tested for the parameters in the enclosed chain of custody.

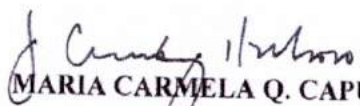
Our DOH Accreditation with Accreditation No. 3-001-20-LW-2, is valid from January 01, 2020 until December 31, 2022.

Likewise, our DENR Recognition with C. R. No. 023/2018, will expire on September 24, 2021.

Please note that any unused portion of the sample/s will be discarded 15 days after the date of this report, unless you have requested otherwise.

Thank you for the opportunity to service the needs of your company. Please feel free to call us at (045) 599-3943 or (02) 552-5100 if we can be of further service to you.

Very truly yours,


MARIA CARMELA Q. CAPULE
Chief Operating Officer

Results of Analyses

Guimba Water District

Danzalan St. cor Faigal St.
Guimba, Nueva Ecija



SN: F00071342.001



Date Received:

01/10/2020

Lab No.: P00101339



Project Name: Not Supplied

Attention: Engr. Felixberto C. Legarda

Test Description	Results	Units	REG LIMIT	Test Methods	Date Analyzed	By	Ref
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Sample No.: P00101339-01

Date Sampled: 01-10-20 08:26

Sample ID: STA. VERONICA PUMP STATION

Matrix: Drinking Water

-Metals-							
Arsenic	< 0.008	mg/L	0.01	ICP - OES	01/18/20	PPG	1123
Cadmium	< 0.001	mg/L	0.003	ICP - OES	01/18/20	PPG	1123
Lead	< 0.005	mg/L	0.01	ICP - OES	01/18/20	PPG	1123
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	7.7	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/10/20	MDLL	1123
Color	10	Apparent CU	10	Visual Comparison	01/10/20	MPT	1123
Turbidity**	0.25	NTU	5	Nephelometry (Turbidimeter)	01/10/20	AGAS	1123
Total Dissolved Solids**	346	mg/L	600	Gravimetry (SM2540 C)	01/10/20	AGAS	1123
Nitrate**	0.09	mg/L	50	Cadmium Reduction Method	01/10/20	NGCM	1123
Chlorine, Residual**	0.08	mg/L	0.3 - 1.5	Colorimetry - DPD	01/10/20	AGAS	1123

>>> end of result set for Sample No.: P00101339-01 <<<

Sample No.: P00101339-02

Date Sampled: 01-10-20 09:02

Sample ID: SAN ROQUE PUMP STATION

Test Description	Results	Units	REG LIMIT	Test Methods	Date Analyzed	By	Ref
-Metals-							
Lead	< 0.005	mg/L	0.01	ICP - OES	01/18/20	PPG	1123
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	7.8	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/10/20	MDLL	1123
Color	3	Apparent CU	10	Visual Comparison	01/10/20	MPT	1123
Turbidity**	0.20	NTU	5	Nephelometry (Turbidimeter)	01/10/20	AGAS	1123
Total Dissolved Solids**	282	mg/L	600	Gravimetry (SM2540 C)	01/10/20	AGAS	1123
Nitrate**	0.06	mg/L	50	Cadmium Reduction Method	01/10/20	NGCM	1123
Chlorine, Residual**	< 0.02	mg/L	0.3 - 1.5	Colorimetry - DPD	01/10/20	AGAS	1123

>>> end of result set for Sample No.:P00101339-04 <<<

Sample No.: P00101339-05

DateSampled: 01-10-20 10:05

Sample ID: SAN ANDRES PUMP STATION

Matrix: Drinking Water

-Metals-							
Arsenic	< 0.008	mg/L	0.01	ICP - OES	01/18/20	PPG	1123
Cadmium	< 0.001	mg/L	0.003	ICP - OES	01/18/20	PPG	1123
Lead	< 0.005	mg/L	0.01	ICP - OES	01/18/20	PPG	1123
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	8.1	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/10/20	MDLL	1123
Color	8	Apparent CU	10	Visual Comparison	01/10/20	MPT	1123
Turbidity**	0.20	NTU	5	Nephelometry (Turbidimeter)	01/10/20	AGAS	1123
Total Dissolved Solids**	268	mg/L	600	Gravimetry (SM2540 C)	01/10/20	AGAS	1123
Nitrate**	< 0.005	mg/L	50	Cadmium Reduction Method	01/10/20	NGCM	1123
Chlorine, Residual**	0.06	mg/L	0.3 - 1.5	Colorimetry - DPD	01/10/20	AGAS	1123

>>> end of result set for Sample No.:P00101339-05 <<<

Test Description	Results	Units	REG LIMIT	Test Methods	Date Analyzed	By	Ref
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	7.9	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/10/20	MDLL	1123
Color	5	Apparent CU	10	Visual Comparison	01/10/20	MPT	1123
Turbidity**	0.15	NTU	5	Nephelometry (Turbidimeter)	01/10/20	AGAS	1123
Total Dissolved Solids**	273	mg/L	600	Gravimetry (SM2540 C)	01/10/20	AGAS	1123
Nitrate**	0.03	mg/L	50	Cadmium Reduction Method	01/10/20	NGCM	1123
Chlorine, Residual**	< 0.02	mg/L	0.3 - 1.5	Colorimetry - DPD	01/10/20	AGAS	1123

>>> end of result set for Sample No.:P00101339-08 <<<

>>> end of result set for Lab No.:P00101339; Total no. of samples analyzed: 8 <<<

**PAB approved parameter/s

Results are reported "as received basis".

ICP - OES = Inductively Coupled Plasma - Optical Emission Spectroscopy

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition.

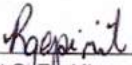
Test Methods for Evaluating Solid Wastes, Vol 1A, USEPA, Third Edition

* Regulatory Limit Reference

¹¹²³ Philippine National Standards for Drinking Water, 2017

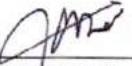


Certified by:



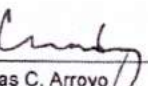
Ronald G. Espiritu
PRC License No.: 9248
Chemical Testing

Date: 01/21/20



Juliana C. Oriña
PRC License No.: 8774
Chemical Testing

Date: 1/21/20



Chas C. Arroyo
PRC License No.: 6701
Chemical Testing

Date: 1/21/20



SN: F00071342.001

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