



CRL Environmental Corporation

05 February 2020

San Jose City Water District

#2675, Maharlika Road, Brgy. Abar 1st.
San Jose City, Nueva Ecija

ATTN.: **Engr. Cecilia M. Francisco**

Project Name: DECEMBER 2019

Lab. Nos.: P00101939-01/06

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

San Jose City Water District
 #2675, Maharlika Road, Brgy. Abar 1st.
 San Jose City, Nueva Ecija



SN: F00071891.001

 Date Received: 01/28/2020

Lab No.: P00101939

Project Name: DECEMBER 2019
Attention: Engr. Cecilia M. Francisco

Test Description	Results	Units	REG LIMIT	Test Methods	Date Analyzed	By	Ref
Sample No.: P00101939-01							
Sample ID: MALASIN PUMPING STATION				DateSampled: 01-28-20 06:15			
-Metals-				Matrix: Drinking Water			
Arsenic	< 0.008	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
Cadmium	< 0.001	mg/L	0.003	ICP - OES	01/31/20	PPG	1123
Lead	< 0.005	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	7.0	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/28/20	MDLL	1123
Color**	3	Apparent CU	10	Visual Comparison	01/28/20	MPT	1123
Turbidity**	0.15	NTU	5	Nephelometry (Turbidimeter)	01/28/20	AGAS	1123
Total Dissolved Solids**	217	mg/L	600	Gravimetry (SM2540 C)	01/28/20	AGAS	1123
Nitrate**	2.9	mg/L	50	Cadmium Reduction Method	01/28/20	NGCM	1123
Chlorine, Residual**	< 0.02	mg/L	0.3 - 1.5	Colorimetry - DPD	01/28/20	AGAS	1123

>>> end of result set for Sample No.:P00101939-01 <<<

Sample No.: P00101939-02							
Sample ID: ENCARNACION PUMPING STATION				DateSampled: 01-28-20 05:47			
-Metals-				Matrix: Drinking Water			
Arsenic	< 0.008	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
Cadmium	< 0.001	mg/L	0.003	ICP - OES	01/31/20	PPG	1123
Lead	< 0.005	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	7.3	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/28/20	MDLL	1123
Color**	3	Apparent CU	10	Visual Comparison	01/28/20	MPT	1123
Turbidity**	0.15	NTU	5	Nephelometry (Turbidimeter)	01/28/20	AGAS	1123
Total Dissolved Solids**	244	mg/L	600	Gravimetry (SM2540 C)	01/28/20	AGAS	1123
Nitrate**	3.0	mg/L	50	Cadmium Reduction Method	01/28/20	NGCM	1123
Chlorine, Residual**	0.04	mg/L	0.3 - 1.5	Colorimetry - DPD	01/28/20	AGAS	1123

>>> end of result set for Sample No.:P00101939-02 <<<

Sample No.: P00101939-03							
Sample ID: STO. NIÑO 1ST PUMPING STATION				DateSampled: 01-28-20 05:26			
-Metals-				Matrix: Drinking Water			
Arsenic	< 0.008	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
Cadmium	< 0.001	mg/L	0.003	ICP - OES	01/31/20	PPG	1123
Lead	< 0.005	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	7.6	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/28/20	MDLL	1123
Color**	3	Apparent CU	10	Visual Comparison	01/28/20	MPT	1123
Turbidity**	0.30	NTU	5	Nephelometry (Turbidimeter)	01/28/20	AGAS	1123
Total Dissolved Solids**	271	mg/L	600	Gravimetry (SM2540 C)	01/28/20	AGAS	1123
Nitrate**	0.9	mg/L	50	Cadmium Reduction Method	01/28/20	NGCM	1123
Chlorine, Residual**	< 0.02	mg/L	0.3 - 1.5	Colorimetry - DPD	01/28/20	AGAS	1123

>>> end of result set for Sample No.:P00101939-03 <<<

Sample No.: P00101939-04							
Sample ID: BELENA PUMPING STATION				DateSampled: 01-28-20 06:03			
-Metals-				Matrix: Drinking Water			
Arsenic	< 0.008	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
Cadmium	< 0.001	mg/L	0.003	ICP - OES	01/31/20	PPG	1123



Test Description	Results	Units	REG LIMIT	Test Methods	Date Analyzed	By	Ref
-Metals-							
Lead	< 0.005	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	7.3	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/28/20	MDLL	1123
Color**	3	Apparent CU	10	Visual Comparison	01/28/20	MPT	1123
Turbidity**	0.15	NTU	5	Nephelometry (Turbidimeter)	01/28/20	AGAS	1123
Total Dissolved Solids**	239	mg/L	600	Gravimetry (SM2540 C)	01/28/20	AGAS	1123
Nitrate**	1.8	mg/L	50	Cadmium Reduction Method	01/28/20	NGCM	1123
Chlorine, Residual**	0.03	mg/L	0.3 - 1.5	Colorimetry - DPD	01/28/20	AGAS	1123

>>> end of result set for Sample No.:P00101939-04 <<<

Sample No.: P00101939-05

DateSampled: 01-28-20 06:42

Sample ID: VILLARAMOS PUMPING STATION

Matrix: Drinking Water

-Metals-							
Arsenic	< 0.008	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
Cadmium	< 0.001	mg/L	0.003	ICP - OES	01/31/20	PPG	1123
Lead	< 0.005	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	7.1	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/28/20	MDLL	1123
Color**	3	Apparent CU	10	Visual Comparison	01/28/20	MPT	1123
Turbidity**	0.10	NTU	5	Nephelometry (Turbidimeter)	01/28/20	AGAS	1123
Total Dissolved Solids**	1,630	mg/L	600	Gravimetry (SM2540 C)	01/28/20	AGAS	1123
Nitrate**	1.9	mg/L	50	Cadmium Reduction Method	01/28/20	NGCM	1123
Chlorine, Residual**	0.03	mg/L	0.3 - 1.5	Colorimetry - DPD	01/28/20	AGAS	1123

>>> end of result set for Sample No.:P00101939-05 <<<

Sample No.: P00101939-06

DateSampled: 01-28-20 07:12

Sample ID: TONDOD PUMPING STATION

Matrix: Drinking Water

-Metals-							
Arsenic	< 0.008	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
Cadmium	< 0.001	mg/L	0.003	ICP - OES	01/31/20	PPG	1123
Lead	< 0.005	mg/L	0.01	ICP - OES	01/31/20	PPG	1123
-Wet Chemistry-							
pH**, Laboratory @ 25.0°C	7.7	-	6.5 - 8.5	Electrometric Method (SM 4500-H+ B)	01/28/20	MDLL	1123
Color**	3	Apparent CU	10	Visual Comparison	01/28/20	MPT	1123
Turbidity**	0.40	NTU	5	Nephelometry (Turbidimeter)	01/28/20	AGAS	1123
Total Dissolved Solids**	301	mg/L	600	Gravimetry (SM2540 C)	01/28/20	AGAS	1123
Nitrate**	0.3	mg/L	50	Cadmium Reduction Method	01/28/20	NGCM	1123
Chlorine, Residual**	< 0.02	mg/L	0.3 - 1.5	Colorimetry - DPD	01/28/20	AGAS	1123

>>> end of result set for Sample No.:P00101939-06 <<<

>>> end of result set for Lab No.:P00101939; Total no. of samples analyzed: 6 <<<

**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.

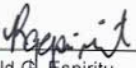
Test Methods for Evaluating Solid Wastes, Vol 1A, USEPA, Third Edition

*** Regulatory Limit Reference**

¹¹²³ Philippine National Standards for Drinking Water, 2017

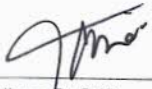


Certified by:



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

Date: 02/05/10



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

Date: 2/5/10



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

Date: 2/5/10



SN: F00071891.001

Disclaimer: This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited. This analytical report is NOT VALID without the official dry seal of CRL Environmental Corporation.

