



Echem ENVIRONMENTAL TESTING LABORATORY CORPORATION

Laboratory: 10 Quezon Road, San Isidro, San Simon, Pampanga
 Satellite Office: G/F ASCORP Bldg., Mc Arthur Highway, Dolores, City of San Fernando, Pampanga
 Sales: 0942-316-2538 • 0945-798-6962 | (045) 435-2795 Email: ecchemenvironmental@gmail.com
 Technical: 0917-164-2927 • 0917-164-2944

DOH Accreditation No.03-014-1820-LW-2 Valid until December 2020
 DENR C.R.No. 074/2017 Valid until October 16, 2020

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **MWSS Administration Bldg., 489 Katipunan Rd., Balara, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2020-A0115**

Test Report No.: **TR-20A-166B**
 Date and Time Received: **13 Jan 2020 @05:50PM**
 Sampled By: **ECHEM**
 Report Date: **20 Jan 2020**

Sample ID: **S20-A13-050D** Sampling Date: **13 Jan 2020**
 Sample Description: **N5** Sampling Time: **10:11 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:02PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:02PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:02PM	AHP

Sample ID: **S20-A13-051D** Sampling Date: **13 Jan 2020**
 Sample Description: **SRCC Boston** Sampling Time: **10:22 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:05PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:05PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:05PM	AHP

Sample ID: **S20-A13-052D** Sampling Date: **13 Jan 2020**
 Sample Description: **N4** Sampling Time: **10:32 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:08PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:08PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:08PM	AHP

Sample ID: **S20-A13-053D** Sampling Date: **13 Jan 2020**
 Sample Description: **N7** Sampling Time: **10:40 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:11PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:11PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:11PM	AHP

Sample ID: **S20-A13-055D** Sampling Date: **13 Jan 2020**
 Sample Description: **Reservoir 1** Sampling Time: **10:56 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:17PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:17PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:17PM	AHP



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Email: echemenvironmental@gmail.com

Technical: 0917-164-2927 • 0917-164-2944

Sample ID: S20-A13-057D	Sampling Date: 13 Jan 2020
Sample Description: N2	Sampling Time: 11:14 AM
Sample Matrix: Drinking Water	Sampling Location: Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:23PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:23PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:23PM	AHP

Sample ID: S20-A13-058D	Sampling Date: 13 Jan 2020
Sample Description: N1	Sampling Time: 11:18 AM
Sample Matrix: Drinking Water	Sampling Location: Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:26PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:26PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:26PM	AHP

Sample ID: S20-A13-059D	Sampling Date: 13 Jan 2020
Sample Description: N3	Sampling Time: 11:26 AM
Sample Matrix: Drinking Water	Sampling Location: Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:29PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:29PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:29PM	AHP

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 23rd Edition.
DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

Anita H. Pineda 20 Jan 2020
Anita H. Pineda, RMT
Medical Technologist, PRC No. 52546

Jennylyn G. Nerpio 20 Jan 2020
Jennylyn G. Nerpio, RCh
Laboratory Manager, PRC No. 12226

Approved by:

May Ann M. Estavillo 20 Jan 2020
May Ann M. Estavillo, RCh
QA/QC Manager, PRC No. 8652

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 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2020-A0115**

Test Report No.: **TR-20A-166D**
 Date and Time Received: **13 Jan 2020 @05:50PM**
 Sampled By: **ECHEM**
 Report Date: **29 Jan 2020**

Sample ID:	S20-A13-050D	Sampling Date:	13 Jan 2020
Sample Description:	N5	Sampling Time:	10:11 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 pH 8.05	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	0.36	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	0.22	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	8.01 @29.5°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	240	mg/L	600	Gravimetric, Dried @180°C	15 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID:	S20-A13-051D	Sampling Date:	13 Jan 2020
Sample Description:	SRCC Boston	Sampling Time:	10:22 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.46	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	0.36	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	27 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.43 @30.2°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	244	mg/L	600	Gravimetric, Dried @180°C	15 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM



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Sample ID:	S20-A13-052D	Sampling Date:	13 Jan 2020
Sample Description:	N4	Sampling Time:	10:32 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.55	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	27 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.52 @29.8°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	210	mg/L	600	Gravimetric, Dried @180°C	15 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID:	S20-A13-053D	Sampling Date:	13 Jan 2020
Sample Description:	N7	Sampling Time:	10:40 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.14	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.10 @29.5°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	206	mg/L	600	Gravimetric, Dried @180°C	15 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID:	S20-A13-055D	Sampling Date:	13 Jan 2020
Sample Description:	Reservoir 1	Sampling Time:	10:56 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.02	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.97 @29.1°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	212	mg/L	600	Gravimetric, Dried @180°C	15 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM



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 Technical: 0917-164-2927 • 0917-164-2944

Sample ID: **S20-A13-057D**
 Sample Description: **N2**
 Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**
 Sampling Time: **11:14 AM**
 Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.02	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.98 @29.6°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	209	mg/L	600	Gravimetric, Dried @180°C	15 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID: **S20-A13-058D**
 Sample Description: **N1**
 Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**
 Sampling Time: **11:18 AM**
 Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.20	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.16 @29.3°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	212	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID: **S20-A13-059D**
 Sample Description: **N3**
 Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**
 Sampling Time: **11:26 AM**
 Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.15	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.12 @28.7°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	215	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM



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Notes & References:

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DOH Administrative Order No. 2017-0010, PNSDW 2017.

Skyray AAS 9000, Atomic Absorption Spectrophotometry

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

Certified by:

Jennylyn G. Nerpio 29 Jan 2020
Jennylyn G. Nerpio, RCh
Laboratory Manager, PRC No. 12226

Approved by:

May Ann M. Estavillo 29 Jan 2020
May Ann M. Estavillo, RCh
QA/QC Manager, PRC No. 8652

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Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **MWSS Administration Bldg., 489 Katipunan Rd., Balara, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2020-A0117**

Test Report No.: **TR-20A-169A**
 Date and Time Received: **13 Jan 2020 @05:50PM**
 Sampled By: **ECEM**
 Report Date: **20 Jan 2020**

Sample ID: **S20-A13-070D**
 Sample Description: **Deepwell 9**
 Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**
 Sampling Time: **01:39 PM**
 Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @07:52PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:52PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:52PM	AHP

Sample ID: **S20-A13-071D**
 Sample Description: **N9**
 Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**
 Sampling Time: **01:46 PM**
 Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @07:05PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:05PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:05PM	AHP

Sample ID: **S20-A13-072D**
 Sample Description: **Deepwell 10**
 Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**
 Sampling Time: **01:54 PM**
 Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @07:08PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:08PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:08PM	AHP

Sample ID: **S20-A13-073D**
 Sample Description: **SBV Condo**
 Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**
 Sampling Time: **01:59 PM**
 Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @07:11PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:11PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:11PM	AHP

Sample ID: **S20-A13-074D**
 Sample Description: **Reservoir 2**
 Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**
 Sampling Time: **02:07 PM**
 Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @07:14PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:14PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:14PM	AHP



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 Technical: 0917-164-2927 • 0917-164-2944

Sample ID: S20-A13-075D	Sampling Date: 13 Jan 2020
Sample Description: N6B	Sampling Time: 02:13 PM
Sample Matrix: Drinking Water	Sampling Location: Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @07:17PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:17PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:17PM	AHP

Sample ID: S20-A13-076D	Sampling Date: 13 Jan 2020
Sample Description: Deepwell 11	Sampling Time: 02:18 PM
Sample Matrix: Drinking Water	Sampling Location: Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @07:20PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:20PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @07:20PM	AHP

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 23rd Edition.
 DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

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Jennilyn G. Nerpio
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 DENR C.R.No. 074/2017 Valid until October 16, 2020

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **Level 3 2nd Phase, DPO Bldg., UP Town Corporate Center, 216 Katipunan Ave., Dilliman, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2020-A0117**

Test Report No.: **TR-20A-169B**
 Date and Time Received: **13 Jan 2020 @05:50PM**
 Sampled By: **ECHEM**
 Report Date: **29 Jan 2020**

Sample ID:	S20-A13-070D	Sampling Date:	13 Jan 2020
Sample Description:	Deepwell 9	Sampling Time:	01:39 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 6.74	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	27 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.69 @28.9°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	183	mg/L	600	Gravimetric, Dried @180°C	20 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID:	S20-A13-071D	Sampling Date:	13 Jan 2020
Sample Description:	N9	Sampling Time:	01:46 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.66	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.64 @30.1°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	248	mg/L	600	Gravimetric, Dried @180°C	20 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM



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Technical: 0917-164-2927 • 0917-164-2944

Sample ID: **S20-A13-072D**

Sample Description: **Deepwell 10**

Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**

Sampling Time: **01:54 PM**

Sampling Location: **Anvaya Cove, Morong, Bataan**

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Limit</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 6.94	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.89 @28.4°C	—	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	190	mg/L	600	Gravimetric, Dried @180°C	20 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID: **S20-A13-073D**

Sample Description: **SBV Condo**

Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**

Sampling Time: **01:59 PM**

Sampling Location: **Anvaya Cove, Morong, Bataan**

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Limit</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.30	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.26 @29.6°C	—	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	235	mg/L	600	Gravimetric, Dried @180°C	20 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID: **S20-A13-074D**

Sample Description: **Reservoir 2**

Sample Matrix: **Drinking Water**

Sampling Date: **13 Jan 2020**

Sampling Time: **02:07 PM**

Sampling Location: **Anvaya Cove, Morong, Bataan**

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Limit</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.38	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	27 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.35 @29.8°C	—	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	248	mg/L	600	Gravimetric, Dried @180°C	20 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM



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Sample ID:	S20-A13-075D	Sampling Date:	13 Jan 2020
Sample Description:	N6B	Sampling Time:	02:13 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.30	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.27 @28.1°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	245	mg/L	600	Gravimetric, Dried @180°C	20 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID:	S20-A13-076D	Sampling Date:	13 Jan 2020
Sample Description:	Deepwell 11	Sampling Time:	02:18 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.04	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	0.27	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	0.34	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.27 @28.1°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	242	mg/L	600	Gravimetric, Dried @180°C	20 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Notes & References:


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

DOH Administrative Order No. 2017-0010, PNSDW 2017.


Skyray AAS 9000, Atomic Absorption Spectrophotometry

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

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 DENR C.R.No. 074/2017 Valid until October 16, 2020

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)** Test Report No.: **TR-20A-168A**
 Address: **MWSS Administration Bldg., 489 Katipunan Rd., Balara, Quezon City** Date and Time Received: **13 Jan 2020 @05:50PM**
 Contact Person: **Ms. Floriza I. Faustino** Sampled By: **ECHEM**
 COC Number: **2020-A0116** Report Date: **20 Jan 2020**

Sample ID: **S20-A13-060D** Sampling Date: **13 Jan 2020**
 Sample Description: **Deepwell 7** Sampling Time: **11:48 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:32PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:32PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:32PM	AHP

Sample ID: **S20-A13-061D** Sampling Date: **13 Jan 2020**
 Sample Description: **Pawikan BNC** Sampling Time: **11:59 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:35PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:35PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:35PM	AHP

Sample ID: **S20-A13-062D** Sampling Date: **13 Jan 2020**
 Sample Description: **Deepwell 6** Sampling Time: **12:08 PM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:38PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:38PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:38PM	AHP

Sample ID: **S20-A13-063D** Sampling Date: **13 Jan 2020**
 Sample Description: **Villa** Sampling Time: **12:16 PM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:41PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:41PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:41PM	AHP

Sample ID: **S20-A13-064D** Sampling Date: **13 Jan 2020**
 Sample Description: **BNC Back Door** Sampling Time: **12:22 PM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:44PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:44PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:44PM	AHP

Sample ID: **S20-A13-065D** Sampling Date: **13 Jan 2020**
 Sample Description: **Deepwell 5** Sampling Time: **12:39 PM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:47PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:47PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:47PM	AHP



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Sample ID: S20-A13-066D				Sampling Date: 13 Jan 2020			
Sample Description: Sports Center Common Area				Sampling Time: 12:44 PM			
Sample Matrix: Drinking Water				Sampling Location: Anvaya Cove, Morong, Bataan			
Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:50PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:50PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:50PM	AHP

Sample ID: S20-A13-067D				Sampling Date: 13 Jan 2020			
Sample Description: Sports Center Kitchen				Sampling Time: 12:51 PM			
Sample Matrix: Drinking Water				Sampling Location: Anvaya Cove, Morong, Bataan			
Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:53PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:53PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:53PM	AHP

Sample ID: S20-A13-068D				Sampling Date: 13 Jan 2020			
Sample Description: Golf Receiving Area				Sampling Time: 01:22 PM			
Sample Matrix: Drinking Water				Sampling Location: Anvaya Cove, Morong, Bataan			
Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:56PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:56PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:56PM	AHP

Sample ID: S20-A13-069D				Sampling Date: 13 Jan 2020			
Sample Description: Golf Cadi				Sampling Time: 01:32 PM			
Sample Matrix: Drinking Water				Sampling Location: Anvaya Cove, Morong, Bataan			
Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:59PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:59PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:59PM	AHP

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 23rd Edition.
 DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

Anita H. Pineda 21 Jan 2020
Anita H. Pineda, RMT
 Medical Technologist, PRC No. 52546

Approved by:

Jennylyn G. Nepio 21 Jan 2020
Jennylyn G. Nepio, RCh
 Laboratory Manager, PRC No. 12226

May Ann M. Abayillo 22 Jan 2020
May Ann M. Abayillo, RCh
 QA/QC Manager, PRC No. 8652

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Technical: 0917-164-2927 • 0917-164-2944

DOH Accreditation No.03-014-1820-LW-2 Valid until December 2020

DENR C.R.No. 074/2017 Valid until October 16, 2020

TEST REPORT

Client: Manila Water Philippine Ventures (MWPV)
Address: Level 3 2nd Phase, DPO Bldg., UP Town Corporate Center, 216 Katipunan Ave., Dillman, Quezon City
Contact Person: Ms. Florisza I. Faustino
COC Number: 2020-A0116

Test Report No.: TR-20A-168B
Date and Time Received: 13 Jan 2020 @05:50PM
Sampled By: ECHEM
Report Date: 29 Jan 2020

Sample ID:	S20-A13-060D	Sampling Date:	13 Jan 2020
Sample Description:	Deepwell 7	Sampling Time:	11:48 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 6.95	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.92 @28.7°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	251	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	2.4	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID:	S20-A13-061D	Sampling Date:	13 Jan 2020
Sample Description:	Pawikan BNC	Sampling Time:	11:59 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 6.92	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	0.36	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.87 @28.8°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	210	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM



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Technical: 0917-164-2927 • 0917-164-2944

Sample ID: **S20-A13-062D**

Sampling Date: **13 Jan 2020**

Sample Description: **Deepwell 6**

Sampling Time: **12:08 PM**

Sample Matrix: **Drinking Water**

Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.32	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	27 Jan 2020	SAG
Manganese	0.2	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.29 @28.9°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	217	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID: **S20-A13-063D**

Sampling Date: **13 Jan 2020**

Sample Description: **Villa**

Sampling Time: **12:16 PM**

Sample Matrix: **Drinking Water**

Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 6.96	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.93 @28.6°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	214	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID: **S20-A13-064D**

Sampling Date: **13 Jan 2020**

Sample Description: **BNC Back Door**

Sampling Time: **12:22 PM**

Sample Matrix: **Drinking Water**

Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.33	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	27 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.30 @28.1°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	211	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM



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 Technical: 0917-164-2927 • 0917-164-2944

Sample ID:	S20-A13-065D	Sampling Date:	13 Jan 2020
Sample Description:	Deepwell 5	Sampling Time:	12:39 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 6.89	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	0.12	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	27 Jan 2020	SAG
Manganese	0.16	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.89 @28.4°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	220	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID:	S20-A13-066D	Sampling Date:	13 Jan 2020
Sample Description:	Sports Center Common Area	Sampling Time:	12:44 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 6.96	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	27 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.94 @28.1°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	213	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID:	S20-A13-067D	Sampling Date:	13 Jan 2020
Sample Description:	Sports Center Kitchen	Sampling Time:	12:51 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.03	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	6.98 @28.3°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	215	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM



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 Technical: 0917-164-2927 • 0917-164-2944

Sample ID:	S20-A13-068D	Sampling Date:	13 Jan 2020
Sample Description:	Golf Receiving Area	Sampling Time:	01:22 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.30	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	27 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.28 @28.8°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	230	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Sample ID:	S20-A13-069D	Sampling Date:	13 Jan 2020
Sample Description:	Golf Cadi	Sampling Time:	01:32 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.36	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.33 @28.6°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	228	mg/L	600	Gravimetric, Dried @180°C	17 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM

Notes & References:

- Standard Methods for the Examination of Water and Wastewater, 23rd Edition.
- DOH Administrative Order No. 2017-0010, PNSDW 2017.
- Skyray AAS 9000, Atomic Absorption Spectrophotometry
- Test Methods for Evaluating Solid Wastes, Vol 1A, USEPA, Third Edition

Certified by:

Enelyn G. Nerpio 29 Jan 2020
Enelyn G. Nerpio, RCh
 Laboratory Manager, PRC No. 12226

Approved by:

May Ann M. Estavillo 29 Jan 2020
May Ann M. Estavillo, RCh
 QA/QC Manager, PRC No. 8652

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 Technical: 0917-164-2927 • 0917-164-2944

DOH Accreditation No.03-014-1820-LW-2 Valid until December 2020
 DENR C.R.No. 074/2017 Valid until October 16, 2020

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **MWSS Administration Bldg., 489 Katipunan Rd., Balara, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2020-A0115**

Test Report No.: **TR-20A-166A**
 Date and Time Received: **13 Jan 2020 @05:50PM**
 Sampled By: **ECEM**
 Report Date: **20 Jan 2020**

Sample ID: S20-A13-054D	Sampling Date: 13 Jan 2020
Sample Description: Mr. Gregorio Residence	Sampling Time: 10:48 AM
Sample Matrix: Drinking Water	Sampling Location: Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Remarks	Method	Date Analyzed	Analyst
E.coli	Absent	MPN/100 mL	Absent	PASSED	MTFT Thermotolerant Coliform Test (EC Medium)	13 Jan 2020 @06:14PM	AHP
Thermotolerant Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:14PM	AHP
Heterotrophic Plate Count (HPC)	<1	CFU/mL	< 500	PASSED	Pour Plate	13 Jan 2020 @07:37PM	AHP
Total Coliform	<1.1	MPN/100 mL	< 1.1	PASSED	Multiple Tube Fermentation Technique	13 Jan 2020 @06:14PM	AHP

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 23rd Edition.
 DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

Anita H. Pineda 20 Jan 2020
Anita H. Pineda, RMT
 Medical Technologist, PRC No. 52546

Jennylyn G. Nerpio 20 Jan 2020
Jennylyn G. Nerpio, RCh
 Laboratory Manager, PRC No. 12226

Approved by:

May Ann M. Estavillo 20 Jan 2020
May Ann M. Estavillo, RCh
 QA/QC Manager, PRC No. 8652

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DOH Accreditation No.03-014-1820-LW-2 Valid until December 2020
 DENR C.R.No. 074/2017 Valid until October 16, 2020

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
 Address: **MWSS Administration Bldg., 489 Katipunan Rd., Balara, Quezon City**
 Contact Person: **Ms. Florisza I. Faustino**
 COC Number: **2020-A0115**

Test Report No.: **TR-20A-166C**
 Date and Time Received: **13 Jan 2020 @05:50PM**
 Sampled By: **ECHEM**
 Report Date: **22 Jan 2020**

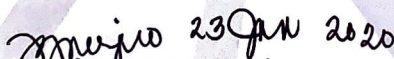
Sample ID: **S20-A13-054D** Sampling Date: **13 Jan 2020**
 Sample Description: **Mr. Gregorio Residence** Sampling Time: **10:48 AM**
 Sample Matrix: **Drinking Water** Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Arsenic	<0.005	mg/L	0.01	Hydride Generation Atomic Absorption Spectroscopy	16 Jan 2020	SAG
Cadmium	<0.0003	mg/L	0.003	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Color, Apparent	<5 @pH 7.26	CU	10	Visual Comparison	14 Jan 2020	RRM
Iron	<0.10	mg/L	1.0	Phenanthroline	16 Jan 2020	SAG
Lead	<0.0004	mg/L	0.01	Graphite Furnace Atomic Absorption Spectroscopy	14 Jan 2020	SAG
Manganese	<0.14	mg/L	0.4	Persulfate	16 Jan 2020	SAG
Nitrate as NO ₃ -N	0.04	mg/L	50	Colorimetric, Brucine	14 Jan 2020	CSF
pH (on-site)	7.20 @29.3°C	---	6.5-8.5	Electrometric	13 Jan 2020	MBS
Total Dissolved Solids (TDS)	204	mg/L	600	Gravimetric, Dried @180°C	15 Jan 2020	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	14 Jan 2020	RRM


Notes & References:

Standard Methods for the Examination of Water and Wastewater, 23rd Edition.
 DOH Administrative Order No. 2017-0010, PNSDW 2017.
 Skyray AAS 9000, Atomic Absorption Spectrophotometry
 Test Methods for Evaluating Solid Wastes, Vol 1A, USEPA, Third Edition

Certified by:


Jerilyn E. Nerpio, RCh
 Laboratory Manager, PRC No. 12226

Approved by:


May Ann M. Estavillo, RCh
 QA/QC Manager, PRC No.8652

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