

### RESULTS OF ANALYSES

Location: **Sector 6**  
Address: **Clark Freeport Zone, Clark Field Pampanga**  
Date & Time Sampled: **January 16, 2017 / 3:06 P.M.**  
Date Received: **January 16, 2017**  
Matrix: **Drinking Water**  
Analyst: **Rialyn D. Valencia, Gallardo G. Rimocal**  
Sample ID No.: **DL17-01-0099**

BACTERIOLOGICAL EXAMINATION					
Technique : Multiple Tube Fermentation					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliforms	MTFT	January 16, 2017	MPN/100 mL	<1.1	<1.1
Fecal Coliforms	MTFT	January 16, 2017	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	January 16, 2017	CFU/ mL	<1	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	January 16, 2017	-	6.50	6.5 – 8.5
Temperature	Laboratory & Field Method	January 16, 2017	°C	28.3	-
Chloride	Titrimetric	January 17, 2017	mg/L	8	250
Turbidity	Nephelometric	January 16, 2017	NTU	<0.05	5
Color (Apparent)	Visual Comparison	January 16, 2017	PCU	<2.5	10
Iron	Colorimetric	January 16, 2017	mg/L	<0.02	1
Manganese	Colorimetric	January 16, 2017	mg/L	0.2	0.4
TDS	Conductivity Probe	January 16, 2017	mg/L	133	500
Total Hardness	Titrimetric	January 17, 2017	mg/L	117	300
Residual Chlorine**	Colorimetric	-	mg/L	1.21	0.30 – 1.50

\*\*= Monthly average, NTU= Nephelometric Turbidity Unit, PCU= Platinum Cobalt Unit, MPN= Most Probable Number, MTFT = Multiple Tube Fermentation Technique, CFU= Colony Forming Unit

References: **Philippine National Standard for Drinking Water , 2007**

Remarks: **Values obtained were based on water sample collected.**

# CLARK WATER

A MANILA WATER  
PHILIPPINE VENTURES COMPANY

DOH Accreditation No. 03-002-17-LW-2  
Valid Until: December 31, 2019

## RESULTS OF ANALYSES

Location: **Sector 6**  
Address: **Clark Freeport Zone, Clark Field Pampanga**  
Date & Time Sampled: **February 14, 2017 / 10:31 A.M.**  
Date Received: **February 14, 2017**  
Matrix: **Drinking Water**  
Analyst: **Rialyn D. Valencia, Gallardo G. Rimocal**  
Sample ID No.: **DL17-02-0248**

BACTERIOLOGICAL EXAMINATION					
Technique : Multiple Tube Fermentation					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliforms	MTFT	February 14, 2017	MPN/100 mL	<1.1	<1.1
Fecal Coliforms	MTFT	February 14, 2017	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	February 14, 2017	CFU/ mL	6	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	February 14, 2017	-	6.50	6.5 – 8.5
Temperature	Laboratory & Field Method	February 14, 2017	°C	28.7	-
Chloride	Titrimetric	February 15, 2017	mg/L	9	250
Turbidity	Nephelometric	February 14, 2017	NTU	<0.05	5
Color (Apparent)	Visual Comparison	February 14, 2017	PCU	2.5	10
Iron	Colorimetric	February 14, 2017	mg/L	0.13	1
Manganese	Colorimetric	February 14, 2017	mg/L	0.1	0.4
Total Dissolved Solids	Conductivity Probe	February 14, 2017	mg/L	134	500
Total Hardness	Titrimetric	February 15, 2017	mg/L	96	300
Residual Chlorine**	Colorimetric	-	mg/L	1.01	0.30 – 1.50

\*\*= Monthly average, NTU= Nephelometric Turbidity Unit, PCU= Platinum Cobalt Unit, MPN- Most Probable Number, MTFT = Multiple Tube Fermentation Technique, CFU= Colony Forming Unit

References: **Philippine National Standard for Drinking Water , 2007**

Remarks: **Values obtained were based on water sample collected.**

Revision 00(09.15.2016)

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## RESULTS OF ANALYSES

Location: **Sector 6**  
Address: Clark Freeport Zone, Clark Field Pampanga  
  
Date & Time Sampled: March 13, 2017 / 10:25 A.M.  
Date Received: March 13, 2017  
Matrix: Drinking Water  
Analyst: Rialyn D. Valencia, Gallardo G. Rimocal  
Sample ID No.: DL17-03-0424

BACTERIOLOGICAL EXAMINATION					
Technique : Multiple Tube Fermentation					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliforms	MTFT	March 13, 2017	MPN/100 mL	<1.1	<1.1
Fecal Coliforms	MTFT	March 13, 2017	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	March 13, 2017	CFU/ mL	3	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	March 13, 2017	-	6.50	6.5 – 8.5
Temperature	Laboratory & Field Method	March 13, 2017	°C	28.5	-
Chloride	Titrimetric	March 14, 2017	mg/L	9	250
Turbidity	Nephelometric	March 13, 2017	NTU	<0.05	5
Color (Apparent)	Visual Comparison	March 13, 2017	PCU	<2.5	10
Iron	Colorimetric	March 13, 2017	mg/L	<0.02	1
Manganese	Colorimetric	March 13, 2017	mg/L	0.3	0.4
Total Dissolved Solids	Conductivity Probe	March 13, 2017	mg/L	135	500
Total Hardness	Titrimetric	March 14, 2017	mg/L	99	300
Residual Chlorine**	Colorimetric	-	mg/L	0.86	0.30 – 1.50

\*\*= Monthly average, NTU= Nephelometric Turbidity Unit, PCU= Platinum Cobalt Unit, MPN= Most Probable Number, MTFT = Multiple Tube Fermentation Technique, CFU= Colony Forming Unit

References: Philippine National Standard for Drinking Water , 2007

Remarks: Values obtained were based on water sample collected.

# CLARK WATER

A MAHLE WATER  
PHILIPPINE VENTURES COMPANY

DOH Accreditation No. 03-002-17-LW-2  
Valid Until: December 31, 2019

## RESULTS OF ANALYSES

Location: **Sector 6**  
Address: Clark Freeport Zone, Clark Field Pampanga  
Date & Time Sampled: April 03, 2017 / 11:43 A.M.  
Date Received: April 03, 2017  
Matrix: Drinking Water  
Analyst: Rialyn D. Valencia, Gallardo G. Rimocal  
Sample ID No.: DL17-04-0555

BACTERIOLOGICAL EXAMINATION					
Technique : Multiple Tube Fermentation					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliforms	MTFT	April 03, 2017	MPN/100 mL	<1.1	<1.1
Fecal Coliforms	MTFT	April 03, 2017	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	April 03, 2017	CFU/ mL	3	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	April 03, 2017	-	6.50	6.5 – 8.5
Temperature	Laboratory & Field Method	April 03, 2017	°C	29.0	-
Chloride	Titrimetric	April 04, 2017	mg/L	11	250
Turbidity	Nephelometric	April 03, 2017	NTU	<0.05	5
Color (Apparent)	Visual Comparison	April 03, 2017	PCU	<2.5	10
Iron	Colorimetric	April 03, 2017	mg/L	<0.02	1
Manganese	Colorimetric	April 03, 2017	mg/L	0.1	0.4
Total Dissolved Solids	Conductivity Probe	April 03, 2017	mg/L	137	500
Total Hardness	Titrimetric	April 04, 2017	mg/L	98	300
Residual Chlorine**	Colorimetric	-	mg/L	0.82	0.30 – 1.50

\*\*= Monthly average, NTU= Nephelometric Turbidity Unit, PCU= Platinum Cobalt Unit, MPN- Most Probable Number, MTFT = Multiple Tube Fermentation Technique, CFU= Colony Forming Unit

References: Philippine National Standard for Drinking Water , 2007  
Remarks: Values obtained were based on water sample collected.

Revision 00(09.15.2016)

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**RESULTS OF ANALYSES**

Location: **Sector 6**  
Address: **Clark Freeport Zone, Clark Field Pampanga**  
  
Date & Time Sampled: **May 02, 2017 / 11:05 A.M.**  
Date Received: **May 02, 2017**  
Matrix: **Drinking Water**  
Analyst: **Rialyn D. Valencia, Gallardo G. Rimocal**  
Sample ID No.: **DL17-05-0774**

BACTERIOLOGICAL EXAMINATION					
Technique : Multiple Tube Fermentation					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliforms	MTFT	May 02, 2017	MPN/100 mL	<1.1	<1.1
Fecal Coliforms	MTFT	May 02, 2017	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	May 02, 2017	CFU/ mL	<1	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	May 02, 2017	-	6.50	6.5 – 8.5
Temperature	Laboratory & Field Method	May 02, 2017	°C	29.1	-
Chloride	Titrimetric	May 03, 2017	mg/L	10	250
Turbidity	Nephelometric	May 02, 2017	NTU	<0.05	5
Color (Apparent)	Visual Comparison	May 02, 2017	PCU	<2.5	10
Iron	Colorimetric	May 02, 2017	mg/L	0.02	1
Manganese	Colorimetric	May 02, 2017	mg/L	0.2	0.4
Total Dissolved Solids	Conductivity Probe	May 02, 2017	mg/L	137	500
Total Hardness	Titrimetric	May 03, 2017	mg/L	108	300
Residual Chlorine**	Colorimetric	-	mg/L	0.85	0.30 – 1.50

\*\*= Monthly average, NTU= Nephelometric Turbidity Unit, PCU= Platinum Cobalt Unit, MPN- Most Probable Number, MTFT = Multiple Tube Fermentation Technique, CFU= Colony Forming Unit

References: **Philippine National Standard for Drinking Water , 2007**

Remarks: **Values obtained were based on water sample collected.**

**RESULTS OF ANALYSES**

Location: **Sector 6**  
Address: Clark Freeport Zone, Clark Field Pampanga  
  
Date & Time Sampled: June 19, 2017 / 9:47 A.M.  
Date Received: June 19, 2017  
Matrix: Drinking Water  
Analyst: Rialyn D. Valencia, Gallardo G. Rimocal  
Sample ID No.: DL17-06-1188

BACTERIOLOGICAL EXAMINATION					
Technique : Multiple Tube Fermentation					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliforms	MTFT	June 19, 2017	MPN/100 mL	<1.1	<1.1
Fecal Coliforms	MTFT	June 19, 2017	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	June 19, 2017	CFU/ mL	2	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	June 19, 2017	-	6.70	6.5 – 8.5
Temperature	Laboratory & Field Method	June 19, 2017	°C	29.0	-
Chloride	Titrimetric	June 20, 2017	mg/L	10	250
Turbidity	Nephelometric	June 19, 2017	NTU	0.08	5
Color (Apparent) †	Visual Comparison	June 19, 2017	PCU	<2.5	10
Iron	Colorimetric	June 19, 2017	mg/L	0.05	1
Manganese	Colorimetric	June 19, 2017	mg/L	0.1	0.4
Total Dissolved Solids	Conductivity Probe	June 19, 2017	mg/L	132	500
Total Hardness	Titrimetric	June 20, 2017	mg/L	98	300
Residual Chlorine**	Colorimetric	-	mg/L	0.82	0.30 – 1.50

\*\*= Monthly average, NTU= Nephelometric Turbidity Unit, PCU= Platinum Cobalt Unit, MPN- Most Probable Number, MTFT = Multiple Tube Fermentation Technique, CFU= Colony Forming Unit

References: Philippine National Standard for Drinking Water , 2007

Remarks: Values obtained were based on water sample collected.

**RESULTS OF ANALYSES**

Location: **Sector 6**  
Address: Clark Freeport Zone, Clark Field Pampanga  
Date & Time Sampled: July 17, 2017 / 9:12 A.M.  
Date Received: July 17, 2017  
Matrix: Drinking Water  
Analyst: Rialyn D. Valencia, Gallardo G. Rimocal  
Sample ID No.: DL17-07-1421

BACTERIOLOGICAL EXAMINATION					
Technique : Multiple Tube Fermentation					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliforms	MTFT	July 17, 2017	MPN/100 mL	<1.1	<1.1
Fecal Coliforms	MTFT	July 17, 2017	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	July 17, 2017	CFU/mL	14	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	July 17, 2017	-	6.51	6.5 – 8.5
Temperature	Laboratory & Field Method	July 17, 2017	°C	28.0	-
Chloride	Titrimetric	July 18, 2017	mg/L	9	250
Turbidity	Nephelometric	July 17, 2017	NTU	<0.05	5
Color (Apparent) <sup>1</sup>	Visual Comparison	July 17, 2017	PCU	<2.5	10
Iron	Colorimetric	July 17, 2017	mg/L	<0.02	1
Manganese	Colorimetric	July 17, 2017	mg/L	0.2	0.4
Total Dissolved Solids	Conductivity Probe	July 17, 2017	mg/L	136	500
Total Hardness	Titrimetric	July 18, 2017	mg/L	103	300
Residual Chlorine**	Colorimetric	-	mg/L	0.79	0.30 – 1.50

\*\*= Monthly average, NTU= Nephelometric Turbidity Unit, PCU= Platinum Cobalt Unit, MPN= Most Probable Number, MTFT = Multiple Tube Fermentation Technique, CFU= Colony Forming Unit

References: Philippine National Standard for Drinking Water , 2007  
Remarks: Values obtained were based on water sample collected.