



echem ENVIRONMENTAL TESTING LABORATORY CORPORATION

Laboratory: Blk 22 Lot 6A, Golden Sun 999 Ind'l Park, Quezon Rd., San Pablo Libutad, 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: echemenvironmental@gmail.com
Technical: 0917-507-8753 • 0917-164-2944

TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
Address: **3rd Floor, One Joroma Place, Congressional Avenue, Quezon City**
Contact Person: **Ms. Florisza I. Faustino**
COC Number: **2023-F0082**

Test Report No.: **TR-23F-182.1**
Date and Time Received: **07 Jun 2023 @5:20PM**
Sampled By: **ECHEM**
Report Date: **22 Jun 2023**

Sample ID:	S23-F07-020D			Sampling Date:	07 Jun 2023	
Sample Description:	Reservoir 1			Sampling Time:	10:35 AM	
Sample Matrix:	Drinking Water			Sampling Location:	Anvaya Cove, Morong, Bataan	
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.006	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	<0.010	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	1.5	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.98	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectional Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	8.05 @29.1°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectional Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	242	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID:	S23-F07-041D			Sampling Date:	07 Jun 2023	
Sample Description:	Reservoir 2			Sampling Time:	01:59 PM	
Sample Matrix:	Drinking Water			Sampling Location:	Anvaya Cove, Morong, Bataan	
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.06	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.95	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectional Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	8.01 @29.7°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectional Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	237	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Notes & References:

Standard Methods for the Examination of Water and Wastewater, 24th Edition.
DOH Administrative Order No. 2017-0010, PNSDW 2017.

Certified by:

Loren Grace D. Montoya
Loren Grace D. Montoya, RCh
Chemist, PRC No. 13651

Approved by:

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

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company seal



TEST REPORT

Client: **Manila Water Philippine Ventures (MWPV)**
Address: **3rd Floor, One Joroma Place, Congressional Avenue, Quezon City**
Contact Person: **Ms. Florisza I. Faustino**
COC Number: **2023-F0082**

Test Report No.: **TR-23F-182.1**
Date and Time Received: **07 Jun 2023 @5:20PM**
Sampled By: **ECHEM**
Report Date: **22 Jun 2023**

Sample ID: **S23-F07-015D**Sample Description: **N5**Sample Matrix: **Drinking Water**Sampling Date: **07 Jun 2023**Sampling Time: **09:45 AM**Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.006	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.02	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	1.00	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 8.08	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.54 @27.1°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	250	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID: **S23-F07-016D**Sample Description: **SRCC Boston**Sample Matrix: **Drinking Water**Sampling Date: **07 Jun 2023**Sampling Time: **09:54 AM**Sampling Location: **Anvaya Cove, Morong, Bataan**

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.10	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.80	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 8.05	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.51 @28.8°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	254	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM



Sample ID: S23-F07-017D		Sampling Date: 07 Jun 2023				
Sample Description: N4		Sampling Time: 10:10 AM				
Sample Matrix: Drinking Water		Sampling Location: Anvaya Cove, Morong, Bataan				
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.007	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.06	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	1.0	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 8.01	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.58 @29.1°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	245	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID: S23-F07-018D		Sampling Date: 07 Jun 2023				
Sample Description: N7		Sampling Time: 10:19 AM				
Sample Matrix: Drinking Water		Sampling Location: Anvaya Cove, Morong, Bataan				
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.10	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	1.0	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 8.00	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.71 @29.8°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	242	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID: S23-F07-019D		Sampling Date: 07 Jun 2023				
Sample Description: Tulfo Residence		Sampling Time: 10:27 AM				
Sample Matrix: Drinking Water		Sampling Location: Anvaya Cove, Morong, Bataan				
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.008	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.02	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 8.01	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.65 @30.1°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	245	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM



Sample ID:	S23-F07-021D	Sampling Date:	07 Jun 2023
Sample Description:	N2	Sampling Time:	10:45 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.06	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	1.0	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.91	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectionable Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.10 @29.7°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectionable Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	243	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID:	S23-F07-022D	Sampling Date:	07 Jun 2023
Sample Description:	N1	Sampling Time:	10:54 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.008	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.10	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 8.01	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectionable Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.70 @30.0°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectionable Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	240	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID:	S23-F07-023D	Sampling Date:	07 Jun 2023
Sample Description:	N3	Sampling Time:	11:05 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.06	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.97	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectionable Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.65 @28.9°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectionable Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	245	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM



Sample ID:	S23-F07-025D	Sampling Date:	07 Jun 2023
Sample Description:	BNC Pawikan	Sampling Time:	11:21 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.06	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.93	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.70 @29.8°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	243	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID:	S23-F07-026D	Sampling Date:	07 Jun 2023
Sample Description:	Beech Craft	Sampling Time:	11:31 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.10	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	1.0	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.82	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.10 @30.1°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	246	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID:	S23-F07-027D	Sampling Date:	07 Jun 2023
Sample Description:	Villas	Sampling Time:	11:42 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.17	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	1.0	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.85	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.15 @30.5°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	246	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM



Sample ID:	S23-F07-028D	Sampling Date:	07 Jun 2023
Sample Description:	BNC Backdoor	Sampling Time:	11:51 AM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.06	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.80	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectional Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.18 @29.8°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectional Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	202	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID:	S23-F07-030D	Sampling Date:	07 Jun 2023
Sample Description:	Sports Center Common Area	Sampling Time:	12:20 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.02	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.87	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectional Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.45 @28.9°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectional Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	244	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID:	S23-F07-031D	Sampling Date:	07 Jun 2023
Sample Description:	Sports Center Kitchen	Sampling Time:	12:28 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.02	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.84	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectional Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.65 @30.0°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectional Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	238	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM



Sample ID: S23-F07-032D				Sampling Date: 07 Jun 2023		
Sample Description: Golf Kitchen				Sampling Time: 12:41 PM		
Sample Matrix: Drinking Water				Sampling Location: Anvaya Cove, Morong, Bataan		
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.02	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.84	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.50 @30.1°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	240	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID: S23-F07-033D				Sampling Date: 07 Jun 2023		
Sample Description: Caddie				Sampling Time: 12:50 PM		
Sample Matrix: Drinking Water				Sampling Location: Anvaya Cove, Morong, Bataan		
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.06	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.84	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.18 @29.9°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	235	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID: S23-F07-036D				Sampling Date: 07 Jun 2023		
Sample Description: N9				Sampling Time: 01:22 PM		
Sample Matrix: Drinking Water				Sampling Location: Anvaya Cove, Morong, Bataan		
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.14	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.82	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.90 @30.1°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	240	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM



Sample ID:	S23-F07-038D	Sampling Date:	07 Jun 2023
Sample Description:	SBV Condo	Sampling Time:	01:38 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.02	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.14	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.84	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.10 @29.6°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	240	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID:	S23-F07-039D	Sampling Date:	07 Jun 2023
Sample Description:	N6B	Sampling Time:	01:45 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.02	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.94	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.15 @30.1°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	239	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Sample ID:	S23-F07-043D	Sampling Date:	07 Jun 2023
Sample Description:	S1	Sampling Time:	02:20 PM
Sample Matrix:	Drinking Water	Sampling Location:	Anvaya Cove, Morong, Bataan

Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	0.006	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	<0.010	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 7.90	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	7.81 @29.9°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	242	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM



Sample ID:	S23-F07-044D			Sampling Date:	07 Jun 2023	
Sample Description:	S2A			Sampling Time:	02:28 PM	
Sample Matrix:	Drinking Water			Sampling Location:	Anvaya Cove, Morong, Bataan	
Parameter	Result	Unit	Limit	Method	Date Analyzed	Analyst
Iron	<0.005	mg/L	1.0	Phenanthroline	13 Jun 2023	KTD
Manganese	0.33	mg/L	0.40	Persulfate	15 Jun 2023	KTD
Chlorine, Residual	0.8	mg/L	0.30-1.50	Colorimetric	07 Jun 2023	MGF
Color, Apparent	<5 @pH 8.07	CU	10	Visual Comparison	08 Jun 2023	RRM
Nitrate as NO ₃ -N	<0.10	mg/L	50	Colorimetric, Brucine	08 Jun 2023	MCD
Odor	No Objectional Odor	---	No Objectionable Odor	Threshold Odor Test	07 Jun 2023	RRM
pH (on-site)	8.01 @28.9°C	---	6.5-8.5	Electrometric	07 Jun 2023	MGF
Sulfate	<1.0	mg/L	250	Turbidimetric	09 Jun 2023	RRM
Taste	No Objectional Taste	---	No Objectionable Taste	Flavor Threshold Test	07 Jun 2023	RRM
Total Dissolved Solids (TDS)	240	mg/L	500	Gravimetric, Dried @180°C	08 Jun 2023	RRM
Turbidity	<1.0	NTU	5.0	Colorimetric	08 Jun 2023	RRM

Notes & References:*Standard Methods for the Examination of Water and Wastewater, 24th Edition**DOH Administrative Order No. 2017-0010, PNSDW 2017***Certified by:****Lovely Grace D. Montoya, RCh**

Chemist, PRC No. 13651

Approved by:**May Ann M. Estavillo, RCh**

QA/QC Manager, PRC No. 8652

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