RESULT OF ANALYSIS

1	Name of WD	Pandi
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	*Province*	*Bulacan*

1	Name of source		Poblacion Pumping Station
2	Location	14° 52.060'	Poblacion, Pandi, Bulacan
		120° 57.488'	
3	*Depth Borehole; meter*		91
4	Discharge Flowrate; liters/sec		8
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW *Limit*	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW *Limit*	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		0.65	
2	Temperature	°C		30.3*		27	Calcium	mg/L		*4.58*	
3	pH		6.5-8.5	8*		28	Magnesium	mg/L		0.65	
4	Color	Units	5	<5		29	Silica	mg/L		20	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		388		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	*Total Dissolved Solids*	*mg/L*	*500*	*227* +		32	*Aluminum*	*mg/L*	0.2	<MDL	0.01
8	Total Solids	mg/L		265 +		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	1		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		150		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	14		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	15		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		4	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.12 [1]	0.001	40	Mercury	mg/L	*0.001*	*<MDL*	*0.001*
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.03		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		1.0		46	Lindane	µg/L	2	<MDL	0.01
22	*COD*	*mg/L*		*<5*		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.07	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	35.55			II			*<MDL*	*0.02*

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ *Re-examination result dated October 2003 (Intertek Laboratory)*

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Obando
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		Robles Pumping Station
2	Location	14° 43.131'	Obando, Bulacan
		120° 55.656'	
3	Depth Borehole; meter		120
4	Discharge Flowrate; liters/sec		9
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		4.1	
2	Temperature	°C		30.4*		27	Calcium	mg/L		4.42	
3	pH		6.5-8.5	8.6*		28	Magnesium	mg/L		0.04	
4	Color	Units	5	<5		29	Silica	mg/L		40	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		782		31	Total Manganese	mg/L	0.5	0.01	0.006
7	Total Dissolved Solids	mg/L	500	456		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		466 +		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	168		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		84		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	11		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		2	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.5		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		5.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		12.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		4.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.08	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	71.2			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	San Jose Del Monte
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		San Jose Del Monte PS #37
2	Location	14° 47.529'	Brgy. Graceville, SJDM
		121° 3.811'	Bulacan
3	Depth Borehole; meter		176
4	Discharge Flowrate; liters/sec		12
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		6.5	
2	Temperature	°C		28.1*		27	Calcium	mg/L		45.6	
3	pH		6.5-8.5	8.1*		28	Magnesium	mg/L		4.65	
4	Color	*Units*	5	<5		29	*Silica*	mg/L		41	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		446		31	Total Manganese	mg/L	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	232		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		286		33	Zinc	mg/L	5 @	0.02	0.002
9	Chloride	mg/L	250	9		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		150		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		-		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	133		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	*Nitrate*	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.17		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.48	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		26.0		47	Methoxychlor	µg/L	*20*	<MDL	0.02
23	BOD	mg/L		1.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.1	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	15.93			II			<MDL	0.02

Note: @ Secondary Standard: compliance with the standard and analysis are not obligatory

* *On Site Analysis (CEST Inc.)*

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	San Jose Del Monte
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		San Jose Del Monte PS #38
2	Location	14° 48.014'	Blk. 6 Gumaoc Central, SJDM
		121° 3.950'	Bulacan
3	Depth Borehole; meter		173
4	Discharge Flowrate; liters/sec		11
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		2.52	
2	Temperature	°C		28*		27	Calcium	mg/L		37	
3	pH		6.5-8.5	8.4*		28	Magnesium	mg/L		4.18	
4	Color	Units	5	<5		29	Silica	mg/L		39	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		439		31	Total Manganese	mg/L	0.5	0.03	0.006
7	Total Dissolved Solids	mg/L	500	205		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		220		33	Zinc	mg/L	5 @	0.04	0.002
9	Chloride	mg/L	250	18		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		139		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	0.03	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	110		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.17		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		15.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		1.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.05	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	17.38			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Bulacan
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		San Nicholas Pumping Station
2	Location	14° 48.262' 120° 51.929'	San Nicholas, Bulacan, Bulacan
3	Depth Borehole; meter		225
4	Discharge Flowrate; liters/sec		4
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		8.64	
2	Temperature	°C		29.5*		27	Calcium	mg/L		8.98	
3	pH		6.5-8.5	7.9*		28	Magnesium	mg/L		0.97	
4	Color	Units	5	<5		29	Silica	mg/L		25	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		1,556		31	Total Manganese	mg/L	0.5	0.03	0.006
7	Total Dissolved Solids	mg/L	500	808		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		820 +		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	420		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		90		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		5		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	26		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	10		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0.48 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.87		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.11	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	96.57			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- *No basis for determination*

RESULT OF ANALYSIS

1	Name of WD	Haganoy
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		San Nicolas Production Center
2	Location	14° 49.161'	San Nicolas, Hagonoy, Bulacan
		120° 43.817'	
3	*Depth Borehole; meter*		*152*
4	Discharge Flowrate; liters/sec		66
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		17.3	
2	Temperature	°C		31*		27	Calcium	mg/L		30.51	
3	pH		6.5-8.5	7.5*		28	Magnesium	mg/L		3.5	
4	Color	Units	5	<5		29	Silica	mg/L		55	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		567		31	Total Manganese	mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	261 +		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		352		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	61		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		112		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		7		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	91		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	4		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0.30 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.18		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		8.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		3.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.08	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	22.64			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Bustos
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		San Pedro Pumping Station
2	Location	14° 56.436' 120° 54.155'	Bustos WD, San Pedro, Bustos,
3	Depth Borehole; meter		44.5
4	Discharge Flowrate; liters/sec		3.1
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		1.44	
2	Temperature	°C		28.2*		27	Calcium	mg/L		37.56	
3	pH		6.5-8.5	7.9*		28	Magnesium	mg/L		8.19	
4	Color	Units	5	<5		29	Silica	mg/L		63	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		384		31	Total Manganese	mg/L	0.5	0.69	0.006
7	Total Dissolved Solids	mg/L	500	248		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		277		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	10		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		135		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		18		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	128		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	8		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		5	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.2 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0.70 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.3		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		8.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.11	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	5.75			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Marilao
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		Saog Pumping Station
2	Location	14° 45.863'	Saog, Marilao, Bulacan
		120° 57.664'	
3	Depth Borehole; meter		265
4	Discharge Flowrate; liters/sec		15
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		1.44	
2	Temperature	°C		32.1		27	Calcium	mg/L		1.96	
3	pH		6.5-8.5	8.6		28	Magnesium	mg/L		0.01	
4	Color	Units	5	<5		29	Silica	mg/L		2	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		434		31	Total Manganese	mg/L	0.5	0.01	0.006
7	Total Dissolved Solids	mg/L	500	164 +		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		224 +		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	45		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		108		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	5		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	2		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.26		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.03	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		4.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.08	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	46.96			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Meycauyan
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		St. Francis PS No.2
2	Location	14° 45.019' 120° 58.104'	Palayan, Meycauyan, Bulacan
3	Depth Borehole; meter		244
4	Discharge Flowrate; liters/sec		7.2
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	*No data*
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		7.16	
2	Temperature	°C		31.1*		27	Calcium	mg/L		24.22	
3	pH		6.5-8.5	8.8*		28	Magnesium	mg/L		2.33	
4	Color	Units	5	<5		29	Silica	mg/L		53	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		397		31	Total Manganese	mg/L	0.5	0.04	0.006
7	*Total Dissolved Solids*	*mg/L*	*500*	*196*		32	*Aluminum*	*mg/L*	*0.2*	*<MDL*	*0.01*
8	Total Solids	mg/L		248		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	8		34	Copper	mg/L	1	<MDL	0.001
10	*Total Alkalinity*	*mg/L*		*136*		35	*Arsenic*	*mg/L*	*0.01*	*<MDL*	*0.01*
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	0.03	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	70		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	*250*	0		38	*Selenium*	*mg/L*	*0.01*	*<MDL*	*0.001*
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	*50*	*0*	*0.001*	41	*Aldrin & Dieldrin*	*µg/L*	*0.03*	*<MDL*	*0.02*
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.2		43	DDT	µg/L	2	<MDL	0.01
19	*Cyanide*	*mg/L*	*0.07*	*<MDL*	*0.002*	44	*Endrin*	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		76.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	22.83			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] *Estimation derived from gravimetric factor*

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- *No basis for determination*

RESULT OF ANALYSIS

1	Name of WD	Meycauyan
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		St. Francis Annex PS
2	Location	14° 44.951' 120° 58.164'	Palayan, Meycauyan, Bulacan
3	Depth Borehole; meter		244
4	Discharge Flowrate; liters/sec		3.3
5	Date of Well Operation		* No data
6	Disinfection Unit	Gas Chlorinator / Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		5.85	
2	Temperature	°C		31.7*		27	Calcium	mg/L		30.61	
3	pH		6.5-8.5	8.7*		28	Magnesium	mg/L		2.38	
4	Color	Units	5	<5		29	Silica	mg/L		57	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		387		31	Total Manganese	mg/L	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	213		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		218		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	7		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		134		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		12		36	Chromium	mg/L	0.05	0.02	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	86		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.34		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		42.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	25.64			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Bocaue
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		Tambubong Pumping Station
2	Location	14° 48.894'	Tambubong, Bocaue, Bulacan
		120° 56.195'	
3	Depth Borehole; meter		No Data
4	Discharge Flowrate; liters/sec		No Data
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		3.04	
2	Temperature	°C		30.3*		27	Calcium	mg/L		24.3	
3	pH		6.5-8.5	8.9*		28	Magnesium	mg/L		0.51	
4	Color	Units	5	<5		29	Silica	mg/L		17	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		1,498		31	Total Manganese	mg/L	0.5	0.02	0.006
7	Total Dissolved Solids	mg/L	500	630 +		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		760		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	394		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		54		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	63		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	57		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.01	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		0	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.32		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.04	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		12.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		6.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	101.3			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Bulacan
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	Province	Bulacan

1	Name of source		Tibig Pumping Station
2	Location	14° 48.114' 120° 52.036'	Tibig, Bulacan, Bulacan
3	Depth Borehole; meter		207
4	Discharge Flowrate; liters/sec		3
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		9.03	
2	Temperature	°C		30.2*		27	Calcium	mg/L		9.42	
3	pH		6.5-8.5	8*		28	Magnesium	mg/L		0.82	
4	Color	Units	5	<5		29	Silica	mg/L		20	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		1,595		31	Total Manganese	mg/L	0.5	0.03	0.006
7	Total Dissolved Solids	mg/L	500	641 +		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		798		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	436		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		88		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		-		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	27		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	8		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.8		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		3.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.06	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	103.64			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	San Jose
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Nueva Ecija

1	Name of source		Capilihan Pumping Station
2	Location	No Data	Encarnacion Subd. San JoseN
		No Data	Nueva Ecija
3	Depth Borehole; meter		200
4	Discharge Flowrate; liters/sec		8
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	*No data*
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		6.34	
2	Temperature	°C		28.7*		27	Calcium	mg/L		15.66	
3	pH		6.5-8.5	7.4*		28	Magnesium	mg/L		6.56	
4	Color	Units	5	<5		29	Silica	mg/L		107	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.68	0.001
6	Conductivity	uS/cm		706		31	Total Manganese	mg/L	0.5	0.41	0.006
7	*Total Dissolved Solids*	*mg/L*	*500*	*498*		32	*Aluminum*	*mg/L*	0.2	<MDL	0.01
8	Total Solids	mg/L		498		33	Zinc	mg/L	5 @	0.04	0.002
9	Chloride	mg/L	250	28		34	Copper	mg/L	1	<MDL	0.001
10	*Total Alkalinity*	*mg/L*		34		35	*Arsenic*	*mg/L*	0.01	<MDL	0.01
11	Acidity	mg/L		31		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	66		37	Cadmium	mg/L	0.003	<MDL	0.003
13	*Sulfate*	*mg/L*	*250*	27		38	*Selenium*	*mg/L*	*0.01*	<MDL	0.001
14	Phosphate	mg/L		1.4	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	0.009	0.001
16	*Nitrate*	*mg/L*	*50*	*0.87* [1]	*0.001*	41	*Aldrin & Dieldrin*	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.58		43	DDT	µg/L	2	<MDL	0.01
19	*Cyanide*	*mg/L*	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.010	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		8.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.23	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	30.98			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] *Estimation derived from gravimetric factor*

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- *No basis for determination*

RESULT OF ANALYSIS

1	Name of WD	San Jose
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Nueva Ecija

1	Name of source		Encarnacion Pumping Station
2	Location	15° 47.867'	Encarnacion Subd.
		120° 59.460'	San Jose, Nueva Ecija
3	Depth Borehole; meter		0
4	Discharge Flowrate; liters/sec		0
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		14.28	
2	Temperature	°C		27.7*		27	Calcium	mg/L		36.34	
3	pH		6.5-8.5	8*		28	Magnesium	mg/L		4.19	
4	Color	Units	5	<5		29	Silica	mg/L		62.55	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		349		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	169		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		212		33	Zinc	mg/L	5 @	0.03	0.002
9	Chloride	mg/L	250	14.01		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		17.5		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		-		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	108		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	11.94		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		2.94	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0.04 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.39		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.010	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.8		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.29	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	6.04			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Gen. Natividad
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Nueva Ecija

1	Name of source		Gen. Natividad PS
2	Location	15° 36.151'	Poblacion Gen. Natividad
		121° 2.991'	Nueva Ecija
3	Depth Borehole; meter		24
4	Discharge Flowrate; liters/sec		5
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		6.67	
2	Temperature	°C		28.5*		27	Calcium	mg/L		21.02	
3	pH		6.5-8.5	8.3*		28	Magnesium	mg/L		4.78	
4	Color	Units	5	<5		29	Silica	mg/L		55	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		320		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	166		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		221		33	Zinc	mg/L	5 @	0.011	0.002
9	Chloride	mg/L	250	1		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		22		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	72		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0.87 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.48		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.010	45	Heptachlor	µg/L	0.03	0.018	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.095	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	14.26			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Cabanatuan
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Nueva Ecija

1	Name of source		Lourdes Pump House
2	Location	15° 29.64'	Cabanatuan WD, Lourdes
		121° 0.459'	Cabanatuan City, Nueva Ecija
3	Depth Borehole; meter		192
4	Discharge Flowrate; liters/sec		35
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		6.8	
2	Temperature	°C		30.6*		27	Calcium	mg/L		4.83	
3	pH		6.5-8.5	9.4*		28	Magnesium	mg/L		0.92	
4	Color	Units	5	<5		29	Silica	mg/L		18.76	
5	Turbidity	NTU	5	<1		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		478		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	315		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		284		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	60		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		15		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	15.85		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	20.38		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.63		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.010	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.6		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		19.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	30.54			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	San Jose
2	Date of Analysis	July 2003
3	Area number	2 - Region 3
4	*Province*	*Nueva Ecija*

1	Name of source		Malasin Pumping Station
2	Location	No data	Malasin, San Jose
		No data	Nueva Ecija
3	Depth Borehole; meter		150
4	Discharge Flowrate; liters/sec		6
5	Date of Well Operation		No data
6	Disinfection Unit	*Gas Chlorinator*	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		3.7	
2	Temperature	°C		25		27	*Calcium*	*mg/L*		28	
3	pH		6.5-8.5	6.91		28	Magnesium	mg/L		38	
4	Color	Units	5	1		29	Silica	mg/L		50	
5	Turbidity	NTU	5	0.17		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u*S/cm		410		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	370		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		424		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	12		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		76		35	*Arsenic*	*mg/L*	0.01	<MDL	0.01
11	Acidity	mg/L		6.1		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	225		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	29		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		1.8	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	*Nitrite*	*mg/L*	3	0	0.001	40	*Mercury*	*mg/L*	0.001	<MDL	0.001
16	Nitrate	mg/L	50	5.22 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	2		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0	0.010	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		9.6		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2.1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	20			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Cabanatuan
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Nueva Ecija

1	Name of source		P. Garcia Pump House
2	Location	15° 28.336'	Cabanatuan WD, LourdesCaba
		120° 57.984'	Cabanatuan City, Nueva Ecija
3	Depth Borehole; meter		220
4	Discharge Flowrate; liters/sec		32
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator / Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		3.93	
2	Temperature	°C		28.7*		27	Calcium	mg/L		3.52	
3	pH		6.5-8.5	9.4*		28	Magnesium	mg/L		0.62	
4	Color	Units	5	<5		29	Silica	mg/L		19	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.28	0.001
6	Conductivity	uS/cm		369		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	261		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		208		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	4		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		24		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	11		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	4		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		7	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.59		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.010	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.16	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	27.54			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Palayan
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Nueva Ecija

1	Name of source		Palayan Pumping Station
2	Location	15° 32.729'	Caimito, Palayan City
		121° 4.954'	Nueva Ecija
3	Depth Borehole; meter		150
4	Discharge Flowrate; liters/sec		10
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		5.49	
2	Temperature	°C		30.6*		27	Calcium	mg/L		4.74	
3	pH		6.5-8.5	9.5*		28	Magnesium	mg/L		1.3	
4	Color	Units	5	<5		29	Silica	mg/L		24	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		340		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	256		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		256 +		33	Zinc	mg/L	5 @	0.04	0.002
9	Chloride	mg/L	250	28		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		12		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	0.008	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	17		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	23		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		4	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.64		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.010	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		12.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	22.07			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	San Jose
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Nueva Ecija

1	Name of source		Villa Ramos Pumping Station
2	Location	15° 47.029'	Villa Ramos Subd.
		120° 58.979'	San Jose Abar 1, Nueva Ecija
3	Depth Borehole; meter		150
4	Discharge Flowrate; liters/sec		6
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		36.8	
2	Temperature	°C		28.5*		27	Calcium	mg/L		161.07	
3	pH		6.5-8.5	7.3*		28	Magnesium	mg/L		16.5	
4	Color	Units	5	<5		29	Silica	mg/L		68.73	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		1,503		31	Total Manganese	mg/L	0.5	0.1	0.006
7	Total Dissolved Solids	mg/L	500	781		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		1,106		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	402		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		16.5		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		23		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	470		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	38.28		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		2.82	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	6.91 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.37		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0.005	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.010	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.8		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		7		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		3		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.3	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	22.36			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Mabalacat
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		Camachili Phase II P.S.
2	Location	15° 11.633'	Camachili Resettlement Center
		120° 35.751'	Mabalacat, Pampanga
3	Depth Borehole; meter		140
4	Discharge Flowrate; liters/sec		15
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	*No data*
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		2.83	
2	Temperature	°C		28*		27	Calcium	mg/L		19.59	
3	pH		6.5-8.5	7.3*		28	Magnesium	mg/L		4.69	
4	Color	Units	5	<5		29	Silica	mg/L		99	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		229		31	Total Manganese	mg/L	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	226		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		236		33	Zinc	mg/L	5 @	0.2	0.002
9	Chloride	mg/L	250	5		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		37		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		15		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	68		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	30		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		2	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.14		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	4.74			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- *No basis for determination*

RESULT OF ANALYSIS

1	Name of WD	Angeles
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		Feeder #1
2	Location	15° 7.452'	Angeles WD, Brgy. Cutcut
		120° 35.014'	Angeles City, Pampanga
3	*Depth Borehole; meter*		*192*
4	Discharge Flowrate; liters/sec		48
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		12.22	
2	Temperature	°C		27.4*		27	Calcium	mg/L		30.54	
3	pH		6.5-8.5	7.1*		28	Magnesium	mg/L		2.27	
4	Color	Units	5	<5		29	Silica	mg/L		88	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u*S/cm		316 [2]		31	Total Manganese	mg/L	0.5	0.39	0.006
7	Total Dissolved Solids	mg/L	500	197		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		326		33	Zinc	mg/L	5 @	0.02	0.002
9	Chloride	mg/L	250	1		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		56		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		14		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	86		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	7		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.14		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		16.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	26.04			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Angeles
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		Feeder #2
2	Location	15° 7.418'	Angeles WD, Brgy. Cutcut
		120° 34.968'	Angeles City, Pampanga
3	Depth Borehole; meter		200
4	Discharge Flowrate; liters/sec		48
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		3.18	
2	Temperature	°C		20.9*		27	Calcium	mg/L		16.42	
3	pH		6.5-8.5	6.74*		28	Magnesium	mg/L		5.14	
4	Color	Units	5	<5		29	Silica	mg/L		82	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		267		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	198		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		248		33	Zinc	mg/L	5 @	0.02	0.002
9	Chloride	mg/L	250	4		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		87		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		13		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	62		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	32		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0.02 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.19		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0.007	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		27.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.08	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	8.99			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ *Re-examination result dated October 2003 (Intertek Laboratory)*

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- *No basis for determination*

RESULT OF ANALYSIS

1	Name of WD	Guagua
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		Guagua pumping Station #1
2	Location	14° 58.210'	Guagua WD, San Nicolas
		120° 38.104'	Guagua, Pampanga
3	Depth Borehole; meter		24
4	Discharge Flowrate; liters/sec		10
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		1.2	
2	Temperature	°C		30.2*		27	Calcium	mg/L		2.85	
3	pH		6.5-8.5	8.7*		28	Magnesium	mg/L		0.82	
4	Color	Units	5	<5		29	Silica	mg/L		97	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		346		31	Total Manganese	mg/L	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	275		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		330		33	Zinc	mg/L	5 @	0.008	0.002
9	Chloride	mg/L	250	2		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		52		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	10		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	39		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		2	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.23		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		4.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.14	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	17.82			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Guagua
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		Guagua Pumping Station #9
2	Location	14° 57.428'	*Guagua WD, Pascual Village*
		120° 37.787'	Guagua, Pampanga
3	*Depth Borehole; meter*		150
4	Discharge Flowrate; liters/sec		13
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator / Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		1.98	
2	Temperature	°C		30.8*		27	Calcium	mg/L		4.72	
3	pH		6.5-8.5	8.4*		28	Magnesium	mg/L		1.46	
4	Color	Units	5	<5		29	Silica	mg/L		100	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u*S/cm		385		31	Total Manganese	mg/L	0.5	0.07	0.006
7	Total Dissolved Solids	mg/L	500	330 +		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		330		33	Zinc	mg/L	5 @	0.01	0.002
9	Chloride	mg/L	250	15		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		53		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	*Hardness (as $CaCO_3$)*	mg/L	300 @	18		37	*Cadmium*	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	41		38	Selenium	mg/L	0.01	<MDL	0.001
14	*Phosphate*	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.27		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		27.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		5.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.05	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	*Sodium*	mg/L	200 @	133.6			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Mabalacat
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		Mabalacat Pumping Station #4
2	Location	15° 14.333'	Mabalacat WD, Cacutud
		120° 34.146'	Mabalacat, Pampanga
3	Depth Borehole; meter		179
4	Discharge Flowrate; liters/sec		22
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		4.32	
2	Temperature	°C		29.9*		27	Calcium	mg/L		25.86	
3	pH		6.5-8.5	7.8*		28	Magnesium	mg/L		6.43	
4	Color	Units	5	<5		29	Silica	mg/L		103	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		362		31	Total Manganese	mg/L	0.5	0.3	0.006
7	Total Dissolved Solids	mg/L	500	170		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		334		33	Zinc	mg/L	5 @	0.21	0.002
9	Chloride	mg/L	250	5		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		63		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		17		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	91		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	36		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		2	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.28		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.04	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	10.84			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Masantol
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		Masantol Pump Station #1
2	Location	14° 53.556'	Masantol WD, Poblacion
		120° 42.352'	Masantol, Pampanga
3	Depth Borehole; meter		No data
4	Discharge Flowrate; liters/sec		No data
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		8.02	
2	Temperature	°C		29.9*		27	Calcium	mg/L		13	
3	pH		6.5-8.5	8*		28	Magnesium	mg/L		1.78	
4	Color	Units	5	<5		29	Silica	mg/L		53	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		451		31	Total Manganese	mg/L	0.5	0.06	0.006
7	Total Dissolved Solids	mg/L	500	251		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		280		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	34		34	Copper	mg/L	1	<MDL	0.001
10	*Total Alkalinity*	*mg/L*		*139*		35	*Arsenic*	*mg/L*	0.01	<MDL	0.01
11	Acidity	mg/L		8		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	40		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	10		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		5	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.33 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0.91 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	*Ammonia-Nitrogen*	*mg/L*		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.29		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		1.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		26.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		3.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		*0.08*	*0.05*	49	*Endosulfan I*	*µg/L*		<MDL	0.01
25	Sodium	mg/L	200 @	75.13			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] *Estimation derived from major Cationic and Anionic constituents*

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Masantol
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		Masantol Pump Station #2
2	Location	14° 53.604'	Masantol WD, San Nicholas
		120° 42.695'	Masantol, Pampanga
3	*Depth Borehole; meter*		*220*
4	Discharge Flowrate; liters/sec		9
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		8.58	
2	Temperature	°C		30.1*		27	Calcium	mg/L		26.41	
3	pH		6.5-8.5	8.6*		28	Magnesium	mg/L		2.76	
4	Color	Units	5	<5		29	Silica	mg/L		45	
5	*Turbidity*	NTU	5	<5		30	*Total Iron*	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		620		31	Total Manganese	mg/L	0.5	0.07	0.006
7	Total Dissolved Solids	mg/L	500	377		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		432 +		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	76		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		132		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		-		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	77		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	2		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		5	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.35		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.14	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		3.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.05	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	32.87			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As *computed by Local Water Utilities Administration (LWUA).*

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	San Fernando
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		San Fernando PS #14
2	Location	15° 3.161'	San Fernando WD, San Agustin
		120° 40.206'	San Fernando, Pampanga
3	Depth Borehole; meter		250
4	Discharge Flowrate; liters/sec		19
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		9.26	
2	Temperature	°C		29.3*		27	Calcium	mg/L		11.07	
3	pH		6.5-8.5	8.8*		28	Magnesium	mg/L		0.52	
4	Color	Units	5	<5		29	Silica	mg/L		88	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		358		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	336		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		338 +		33	Zinc	mg/L	5 @	0.02	0.002
9	Chloride	mg/L	250	7		34	Copper	mg/L	1	<MDL	0.001
10	*Total Alkalinity*	*mg/L*		*126*		35	*Arsenic*	*mg/L*	0.01	<MDL	*0.01*
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	30		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	9		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.07 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	*Ammonia-Nitrogen*	*mg/L*		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.21		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	*Hydrogen Sulfide*	*mg/L*	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		35.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	*Endosulfan I*	µg/L		<MDL	*0.01*
25	Sodium	mg/L	200 @	22.98			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] *Estimation derived from major Cationic and Anionic constituents*

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	San Fernando
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Pampanga

1	Name of source		San Fernando PS #9
2	Location	15° 1.591'	San Fernando WD, Villa Del Sol
		120° 40.222'	San Fernando, Pampanga
3	Depth Borehole; meter		244
4	Discharge Flowrate; liters/sec		25
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		8.94	
2	Temperature	°C		28.6*		27	Calcium	mg/L		8.38	
3	pH		6.5-8.5	8.4*		28	Magnesium	mg/L		1.58	
4	*Color*	*Units*	5	<5		29	*Silica*	*mg/L*		92	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		375		31	Total Manganese	mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	294		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		312		33	Zinc	mg/L	5 @	0.02	0.002
9	Chloride	mg/L	250	8		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		132		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	27		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	21		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	*Nitrate*	*mg/L*	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.22		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		1.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	24.13			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* *On Site Analysis (CEST Inc.)*

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Sasmuan
2	Date of Analysis	June 20 - July 04, 2003
3	Area number	2
4	Province	Pampanga

1	Name of source		Sasmuan Pumping Station #1
2	Location	14° 56.578'	Sasmuan WD, San Nicolas,
		120° 37.301'	Sasmuan, Pampanga
3	Depth Borehole; meter		242
4	Discharge Flowrate; liters/sec		10
5	*Date of Well Operation*		*No data*
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		1.81	
2	Temperature	°C		31.4*		27	Calcium	mg/L		9.87	
3	pH		6.5-8.5	8.1*		28	Magnesium	mg/L		2.18	
4	Color	Units	5	<5		29	Silica	mg/L		3	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		377		31	Total Manganese	mg/L	0.5	0.02	0.006
7	*Total Dissolved Solids*	*mg/L*	500	311		32	*Aluminum*	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		324		33	Zinc	mg/L	5 @	0.02	0.002
9	Chloride	mg/L	250	11		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		58		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		-		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	34		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	22		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		2	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.22		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.29	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		94.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.09	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	20.04			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Panique
2	Date of Analysis	June 17 - June 30, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Apulid Pumping Station
2	Location	N 15° 41.150'	Panique WD, Apulid, Panique,
		E 120° 35.126'	Tarlac
3	Depth Borehole; meter		179
4	Discharge Flowrate; liters/sec		36
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		2.57	
2	Temperature	°C		28.8*		27	Calcium	mg/L		4.36	
3	pH		6.5-8.5	9.3*		28	Magnesium	mg/L		0.61	
4	Color	Units	5	<5		29	Silica	mg/L		21	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		534		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	130 +		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		166 +		33	Zinc	mg/L	5 @	0.12	0.002
9	Chloride	mg/L	250	44		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		23		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	13		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	9		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.37		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		46.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		4.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	34.59			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Tarlac
2	Date of Analysis	June 18 - June 30, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Blis Pumping Station
2	Location	N 15° 27.697' E 120° 36.618'	Tarlac WD, Brgy. Suizo, Tarlac
3	Depth Borehole; meter		250
4	Discharge Flowrate; liters/sec		10
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		5.5	
2	Temperature	°C		27.9*		27	Calcium	mg/L		29.86	
3	pH		6.5-8.5	8*		28	Magnesium	mg/L		5.06	
4	Color	Units	5	<5		29	Silica	mg/L		91	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.42	0.001
6	Conductivity	uS/cm		400		31	Total Manganese	mg/L	0.5	0.16	0.006
7	Total Dissolved Solids	mg/L	500	161		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		198 *		33	Zinc	mg/L	5 @	0.08	0.002
9	Chloride	mg/L	250	0		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		26		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		-		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	95		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.01 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.42		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		19.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		4.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	13.58			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ *Re-examination result dated October 2003 (Intertek Laboratory)*

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Camiling
2	Date of Analysis	June 11 - June 25, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Camiling Pumping Station #4
2	Location	14° 41.345'	Camiling P. S. #4 (WD)
		120° 25.225'	Camiling, Tarlac
3	Depth Borehole; meter		106
4	Discharge Flowrate; liters/sec		30
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		3.91	
2	Temperature	°C		28.9*		27	Calcium	mg/L		83.44	
3	pH		6.5-8.5	7.8*		28	Magnesium	mg/L		9.01	
4	Color	Units	5	<5		29	Silica	mg/L		63.46	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		615		31	Total Manganese	mg/L	0.5	0.06	0.006
7	Total Dissolved Solids	mg/L	500	345		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		345		33	Zinc	mg/L	5 @	0.03	0.002
9	Chloride	mg/L	250	3		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		29		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		18		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	245		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.105		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		20.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		5.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.07	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	10.46			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Camiling
2	*Date of Analysis*	*June 11 - June 25, 2003*
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Camiling Pumping Station #5 Knoling 3rd Camiling
2	Location	N 14° 38.540' E 120° 22.890'	Camiling P. S. #5 (WD) *Camiling, Tarlac*
3	Depth Borehole; meter		100
4	Discharge Flowrate; liters/sec		20
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		5.3	
2	Temperature	°C		30.2*		27	Calcium	mg/L		74.68	
3	pH		6.5-8.5	7.6*		28	Magnesium	mg/L		7.34	
4	Color	Units	5	<5		29	Silica	mg/L		103	
5	*Turbidity*	NTU	5	<5		30	Total Iron	mg/L	1	0.32	0.001
6	Conductivity	*u*S/cm		442		31	Total Manganese	mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	215 +		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		330		33	Zinc	mg/L	5 @	0.08	0.002
9	Chloride	mg/L	250	1		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		23		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		19		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	217		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	*Nitrate*	*mg/L*	*50*	*0.04* [1]	*0.001*	41	*Aldrin & Dieldrin*	*µg/L*	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.2		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor	µg/L	0.03	0.01	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		49.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		3.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.42	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	10.03			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Panique
2	Date of Analysis	June 18 - June 30, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Cariño Pumping Station
2	Location	N 15° 39.000'	Panique WD, Cariño, Panique,
		E 120° 35.485'	Tarlac
3	Depth Borehole; meter		200
4	Discharge Flowrate; liters/sec		36
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		6.24	
2	Temperature	°C		28.9*		27	Calcium	mg/L		54.32	
3	pH		6.5-8.5	8.6*		28	Magnesium	mg/L		2.5	
4	Color	Units	5	<5		29	Silica	mg/L		75	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		1,169		31	Total Manganese	mg/L	0.5	0.08	0.006
7	Total Dissolved Solids	mg/L	500	627		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		648		33	Zinc	mg/L	5 @	0.18	0.002
9	Chloride	mg/L	250	305		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		11		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	146		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	7		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.05		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		34.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.09	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	58.84			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Concepcion
2	Date of Analysis	June 18 - July 1, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Concepcion Pumping Station #1
2	Location	N 15° 19.632'	Concepcion WD, St. Jude Vill.,
		E 120° 38.931'	Concepcion, Tarlac
3	Depth Borehole; meter		150
4	Discharge Flowrate; liters/sec		20
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		3.12	
2	Temperature	°C		30.3*		27	Calcium	mg/L		17.2	
3	pH		6.5-8.5	7.4*		28	Magnesium	mg/L		3.91	
4	Color	Units	5	<5		29	Silica	mg/L		93	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	*Conductivity*	*uS/cm*		*621*		31	*Total Manganese*	*mg/L*	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	402		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		414		33	Zinc	mg/L	5 @	0.22	0.002
9	*Chloride*	*mg/L*	*250*	72		34	*Copper*	*mg/L*	1	<MDL	0.001
10	Total Alkalinity	mg/L		80		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		18		36	Chromium	mg/L	0.05	<MDL	0.003
12	*Hardness (as $CaCO_3$)*	*mg/L*	300 @	59		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	16		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	*Nitrite*	*mg/L*	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.31		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		2.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.1	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	31.2			II			<MDL	0.02

Note: @ *Secondary Standard; compliance with the standard and analysis are not obligatory*

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ *Re-examination result dated October 2003 (Intertek Laboratory)*

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Gerona
2	Date of Analysis	June 10 - June 24, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Gerona Pumping Station #1
2	Location	N 15° 36.401' E 120° 35.979'	Gerona WD, Pob. 1 Gerona, Tarlac
3	Depth Borehole; meter		190
4	Discharge Flowrate; liters/sec		5
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		5.06	
2	Temperature	°C		27.9*		27	Calcium	mg/L		10.21	
3	pH		6.5-8.5	8.6*		28	Magnesium	mg/L		2.34	
4	Color	Units	5	<5		29	Silica	mg/L		46	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.15	0.001
6	Conductivity	uS/cm		684		31	Total Manganese	mg/L	0.5	0.03	0.006
7	Total Dissolved Solids	mg/L	500	440		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		446		33	Zinc	mg/L	5 @	0.17	0.002
9	Chloride	mg/L	250	52		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		30		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	35		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	2		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.26		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.5		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		12.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		6.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.17	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	60.55			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* *On Site Analysis (CEST Inc.)*

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Gerona
2	Date of Analysis	June 10 - June 24, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Gerona Pumping Station #3
2	Location	N 15° 36.132'	Gerona WD, San Antonio,
		E 120° 36.289'	Gerona, Tarlac
3	Depth Borehole; meter		200
4	Discharge Flowrate; liters/sec		12
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		*U*	*U**		26	*Potassium*	*mg/L*		*10.51*	
2	Temperature	°C		29.9*		27	Calcium	mg/L		9.97	
3	pH		6.5-8.5	8.6*		28	Magnesium	mg/L		3.9	
4	*Color*	*Units*	5	<5		29	*Silica*	*mg/L*		72	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.36	0.001
6	Conductivity	*u*S/cm		659		31	Total Manganese	mg/L	0.5	0.1	0.006
7	Total Dissolved Solids	mg/L	500	378		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		392		33	Zinc	mg/L	5 @	0.18	0.002
9	Chloride	mg/L	250	106		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		23		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	41		37	Cadmium	mg/L	0.003	<MDL	0.003
13	*Sulfate*	*mg/L*	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.23		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		1.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		12.0		47	Methoxychlor	µg/L	20	*<MDL*	*0.02*
23	BOD	mg/L		6.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	26.06			II			*<MDL*	*0.02*

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* *On Site Analysis (CEST Inc.)*

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL *Method Detection Limit*

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Concepcion
2	Date of Analysis	June 18 - July 1, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Jefmin Pumping Station
2	Location	N 15° 20.222'	Concepcion WD, Jefmin,
		E 120° 37.450'	Concepcion, Tarlac
3	Depth Borehole; meter		No data
4	Discharge Flowrate; liters/sec		No data
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		5.18	
2	Temperature	°C		32.7*		27	Calcium	mg/L		15.53	
3	pH		6.5-8.5	7.9*		28	Magnesium	mg/L		2.98	
4	Color	Units	5	<5		29	Silica	mg/L		97	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		721		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	338		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		395		33	Zinc	mg/L	5 @	0.2	0.002
9	Chloride	mg/L	250	119		34	Copper	mg/L	1	<MDL	0.001
10	*Total Alkalinity*	*mg/L*		*83*		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		20		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	51		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	<MDL		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		2	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.43		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		1.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		75.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	14.01			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* *On Site Analysis (CEST Inc.)*

ND Not Detected

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Tarlac
2	Date of Analysis	June 17 - June 30, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Lazatin Pumping Station
2	Location	N 15° 28.893' E 120° 35.796'	Tarlac WD, Lazatin Subd., Tarlac
3	Depth Borehole; meter		305
4	Discharge Flowrate; liters/sec		No data
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		4.53	
2	Temperature	°C		29.4*		27	Calcium	mg/L		53.45	
3	pH		6.5-8.5	7.6*		28	Magnesium	mg/L		7.16	
4	Color	Units	5	<5		29	Silica	mg/L		89	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.6	0.001
6	Conductivity	uS/cm		486		31	Total Manganese	mg/L	0.5	0.16	0.006
7	Total Dissolved Solids	mg/L	500	353		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		353		33	Zinc	mg/L	5 @	0.1	0.002
9	Chloride	mg/L	250	18		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		27		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		17		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	163		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.33		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor	µg/L	0.03	0.01	0.01
21	DO (DO%)	mg/L		6.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		50.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		5.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.1	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	13.98			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Ramos
2	Date of Analysis	June 11 - June 25, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Ramos Pumping Station #1
2	Location	N 15° 40.014'	Ramos WD, Ramos, Tarlac
		E 120° 38.364'	
3	*Depth Borehole; meter*		*No data*
4	Discharge Flowrate; liters/sec		No data
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		3.27	
2	Temperature	°C		29.5*		27	Calcium	mg/L		10.3	
3	pH		6.5-8.5	9.2*		28	Magnesium	mg/L		0.88	
4	Color	Units	5	<5		29	Silica	mg/L		20.95	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		799		31	Total Manganese	mg/L	0.5	0.08	0.006
7	Total Dissolved Solids	mg/L	500	349		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		421		33	Zinc	mg/L	5 @	0.05	0.002
9	Chloride	mg/L	250	174		34	Copper	mg/L	1	<MDL	0.001
10	*Total Alkalinity*	mg/L		15		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	29.34		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	7		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.07 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.27		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		22.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		3.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	52.18			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Ramos
2	Date of Analysis	June 11 - June 25, 2003
3	Area number	2 - Region 3
4	Province	Tarlac

1	Name of source		Ramos Pumping Station #2
2	Location	N 15° 39.942'	Ramos WD, Pob. Centro,
		E 120° 38.394'	Ramos, Tarlac
3	Depth Borehole; meter		200
4	Discharge Flowrate; liters/sec		12
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		4.55	
2	Temperature	°C		28.6*		27	Calcium	mg/L		7.78	
3	pH		6.5-8.5	9.2*		28	Magnesium	mg/L		0.94	
4	Color	Units	5	<5		29	Silica	mg/L		20.84	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		571		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	281 +		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		282		33	Zinc	mg/L	5 @	0.04	0.002
9	Chloride	mg/L	250	87		34	Copper	mg/L	1	<MDL	0.001
10	*Total Alkalinity*	mg/L		18		35	*Arsenic*	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	23.3		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.07 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	*Ammonia-Nitrogen*	mg/L		<MDL	0.20	42	*Chlordane*	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.26		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	*Hydrogen Sulfide*	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		46.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		3.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	48.8			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] *Estimation derived from major Cationic and Anionic constituents*

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Palauig
2	Date of Analysis	June 27 - July 11 2003
3	Area number	2 - Region 3
4	Province	Zambales

1	Name of source		Palauig P.S. #1
2	Location	N 15° 26.055'	Palauig WD, Brgy. East,
		E 119° 54.858'	Poblacion, Palauig, Zambales
3	Depth Borehole; meter		28.96
4	Discharge Flowrate; liters/sec		6
5	Date of Well Operation		No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		9.43	
2	Temperature	°C		29.4*		27	Calcium	mg/L		29.06	
3	pH		6.5-8.5	8.8*		28	Magnesium	mg/L		22.06	
4	Color	Units	5	<5		29	Silica	mg/L		35	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		718		31	Total Manganese	mg/L	0.5	0.1	0.006
7	Total Dissolved Solids	mg/L	500	356		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		372		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	7		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		192		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	163		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	38		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.1 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	8.70 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.21		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		8.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		4.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	12.66			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

\+ Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	San Narciso
2	Date of Analysis	June 27 - July 11, 2003
3	Area number	2 - Region 3
4	Province	Zambales

1	Name of source		Palayan Pumping Station
2	Location	N 15° 0.561'	Brgy. Patroqiño, San Narciso, Zambales
		E 120° 4.831'	
3	Depth Borehole; meter		No data
4	Discharge Flowrate; liters/sec		No data
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	O*		26	Potassium	mg/L		2.15	
2	Temperature	°C		28.7*		27	Calcium	mg/L		16.96	
3	pH		6.5-8.5	7.6*		28	Magnesium	mg/L		4.36	
4	Color	Units	5	10		29	Silica	mg/L		79	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.28	0.001
6	Conductivity	μS/cm		214		31	Total Manganese	mg/L	0.5	0.31	0.006
7	Total Dissolved Solids	mg/L	500	171		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		176		33	Zinc	mg/L	5 @	0.02	0.002
9	Chloride	mg/L	250	81		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		93		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		12		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	60		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	2		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.03 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.29		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		48.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		11.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	6			II			<MDL	0.02

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MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Subic
2	Date of Analysis	June 28 - July 11, 2003
3	Area number	2 - Region 3
4	Province	Zambales

1	Name of source		Pamatawan P.S. #1 B
2	Location	N 14° 55.336'	Subic WD, Subic, Zambales
		E 120° 13.270'	
3	Depth Borehole; meter		68.28
4	Discharge Flowrate; liters/sec		7.6
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		2.58	
2	Temperature	°C		28.9*		27	Calcium	mg/L		44.6	
3	pH		6.5-8.5	7.3*		28	Magnesium	mg/L		6.32	
4	Color	Units	5	<5		29	Silica	mg/L		66	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.3	0.001
6	Conductivity	uS/cm		396		31	Total Manganese	mg/L	0.5	0.32	0.006
7	Total Dissolved Solids	mg/L	500	305		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		343		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	7		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		119		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		23		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	137		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	23		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		6	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	2.61 [1]	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		<MDL	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.21		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	16.07			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

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MDL Method Detection Limit

As computed by Local Water Utilities Administration (LWUA).

[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination

RESULT OF ANALYSIS

1	Name of WD	Subic
2	Date of Analysis	June 28 - July 11, 2003
3	Area number	2
4	Province	Zambales

1	Name of source		Pamatawan P.S. #2
2	Location	N 14° 55.621'	Subic WD, Subic, Zambales
		E 120° 13.191'	
3	Depth Borehole; meter		99
4	Discharge Flowrate; liters/sec		25
5	Date of Well Operation		No data
6	Disinfection Unit	Gas Chlorinator	No data
		Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		4.95	
2	Temperature	°C		28.4*		27	Calcium	mg/L		28.02	
3	pH		6.5-8.5	8.1*		28	Magnesium	mg/L		7.52	
4	Color	Units	5	5		29	Silica	mg/L		81	
5	Turbidity	NTU	5	5		30	Total Iron	mg/L	1	0.97	0.001
6	Conductivity	uS/cm		304		31	Total Manganese	mg/L	0.5	0.8	0.006
7	Total Dissolved Solids	mg/L	500	234		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		240		33	Zinc	mg/L	5 @	0.06	0.002
9	Chloride	mg/L	250	9		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		110		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		-		36	Chromium	mg/L	0.05	0.01	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	101		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	13		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		8	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.7 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	µg/L	0.03	<MDL	0.02
17	Ammonia-Nitrogen	mg/L		0	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.24		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		68.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		3.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.18	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	17.61			II			<MDL	0.02

Note: @ Secondary Standard; compliance with the standard and analysis are not obligatory

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[1] Estimation derived from gravimetric factor

[2] Estimation derived from major Cationic and Anionic constituents

[3] Acidity value qualified

\- No basis for determination