REGION 7

RESULT OF ANALYSIS

1	Name of WD	Bais
2	Date of Analysis	February 2003
3	*Area number*	*6 - Region 7*
4	Province	Negros Oriental

1	Name of source		Talungon Well
2	Location	9° 41.22'	Brgy.Talungon, Bais City, *Negros Oriental*
		123° 4.38'	
3	Depth Borehole; meter		172
4	Discharge Flowrate; liters/sec		17
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		13.33	
2	Temperature	°C		30.3*		27	Calcium	mg/L		84.48	
3	pH		6.5-8.5	7.8*		28	Magnesium	mg/L		12.5	
4	Color	Units	5	<5		29	Silica	mg/L		56.30	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	*Conductivity*	*uS/cm*		1,197		31	Total Manganese	mg/L	0.5	0.02	0.006
7	Total Dissolved Solids	mg/L	500	750		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		750		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	151		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		358		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		32		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	262		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	33		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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		0	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	0.01	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		18.0		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 @	55.68			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	Metro Cebu
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Cebu

1	Name of source		Well #1
2	Location	10° 17.55'	Brgy. Jaclupan
		123° 49.03'	Talisay City, Cebu
3	Depth Borehole; meter		120
4	Discharge Flowrate; liters/sec		13
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		0.06	
2	Temperature	°C		28.3*		27	Calcium	mg/L		147.9	
3	pH		6.5-8.5	7.8*		28	Magnesium	mg/L		14.37	
4	Color	Units	5	<5		29	Silica	mg/L		27.74	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		636		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	407 [2]		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 [@]	<MDL	0.002
9	Chloride	mg/L	250	5		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		194		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 [@]	428		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	143		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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	2.65 [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	<MDL	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.07	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		16.0		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 [@]	7.72			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	Metro Cebu
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Cebu City

1	Name of source		W-31Banilad Well
2	Location	10° 19.89'	Brgy. Banilad, Cebu City
		123° 56.61'	
3	Depth Borehole; meter		150
4	Discharge Flowrate; liters/sec		40
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		0.06	
2	Temperature	°C		28.9*		27	Calcium	mg/L		200.03	
3	pH		6.5-8.5	7.5*		28	Magnesium	mg/L		11.14	
4	Color	Units	5	<5		29	Silica	mg/L		48.82	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		690		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	402		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		442		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	17		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		256		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		10		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	545		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	11		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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	0.20		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		6.0		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		<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 @	7.53			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	Bogo
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Cebu

1	Name of source		Tupaz Well
2	Location	11° 02.99'	Brgy. Lourdes, Bogo, Cebu
		124° 00.40'	
3	Depth Borehole; meter		140
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		3.65	
2	Temperature	°C		29.7*		27	Calcium	mg/L		167.78	
3	pH		6.5-8.5	7.6*		28	Magnesium	mg/L		14.05	
4	Color	Units	5	<5		29	Silica	mg/L		9.24	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.03	0.001
6	Conductivity	uS/cm		670		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	459		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	24		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		288		35	Arsenic	mg/L	0.01	0.01	0.01
11	Acidity	mg/L		5		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	477		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		<MDL	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	3.48 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	0.21		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		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		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 @	4.93			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	Talibon
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Bohol

1	Name of source		PS #5
2	Location	10° 08.21'	Brgy. San Jose, Talibon, Bohol
		124° 18.36'	
3	Depth Borehole; meter		109
4	Discharge Flowrate; liters/sec		14
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		1.24	
2	Temperature	°C		30.3*		27	Calcium	mg/L		108.76	
3	pH		6.5-8.5	7.6*		28	Magnesium	mg/L		2.98	
4	Color	Units	5	10		29	Silica	mg/L		37.03	
5	Turbidity	NTU	5	8.00		30	Total Iron	mg/L	1	1.43	0.001
6	Conductivity	uS/cm		431		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	276 [2]		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		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		197		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 @	284		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	6		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		1.17	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.43 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0.17 [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	0.14		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		4.0		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		0.004	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	7.59			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	Metro Siquijor
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Siquijor

1	Name of source		MSWD PS
2	Location	9° 12.31'	Brgy. Olang, Maria, Siquijor
		123° 39.58'	
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		6.04	
2	Temperature	°C		30*		27	Calcium	mg/L		75.38	
3	pH		6.5-8.5	8*		28	Magnesium	mg/L		9.04	
4	Color	Units	5	<5		29	Silica	mg/L		10.18	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.1	0.001
6	Conductivity	uS/cm		538		31	Total Manganese	mg/L	0.5	0.03	0.006
7	Total Dissolved Solids	mg/L	500	344 [2]		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 [@]	0.16	0.002
9	Chloride	mg/L	250	9		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		260		35	Arsenic	mg/L	0.01	0.01	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	0.01	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	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.004	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	0.17		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		4.0		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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 [@]	6.57			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	Pinamungajan
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Cebu

1	Name of source		Pandacan Well
2	Location	10° 17.43'	Brgy. Pandacan
		123° 35.40'	*Pinamungajan, Cebu*
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		1.56	
2	Temperature	°C		28.4*		27	Calcium	mg/L		264.30	
3	pH		6.5-8.5	7.4*		28	Magnesium	mg/L		0.51	
4	Color	Units	5	<5		29	Silica	mg/L		10.14	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.09	0.001
6	Conductivity	uS/cm		641		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	366		32	Aluminum	mg/L	0.2	0.42	0.01
8	Total Solids	mg/L		407		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	62		34	Copper	mg/L	1	0.003	0.001
10	Total Alkalinity	mg/L		300		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 @	662		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	6.17	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		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		<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 @	6.70			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	Borbon
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Cebu

1	Name of source		Poblacion Well
2	Location	10° 50.18'	Brgy. Poblacion, Borbon, Cebu
		124° 01.54'	
3	Depth Borehole; meter		130
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		2.97	
2	Temperature	°C		28.6*		27	Calcium	mg/L		150.18	
3	pH		6.5-8.5	8.8*		28	Magnesium	mg/L		14.8	
4	Color	Units	5	<5		29	Silica	mg/L		9.38	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.03	0.001
6	Conductivity	*u*S/cm		998		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	542		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	182		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 @	436		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	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	0.18		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0.003	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		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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	36.99			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	*Metro Siquijor*
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Siquijor

1	Name of source		PS #1(Caitican)
2	Location	9° 12.14'	Brgy. Caitican,
		123° 30.50'	*Siquijor, Siquijor*
3	Depth Borehole; meter		73
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		0.80	
2	Temperature	°C		28.1*		27	Calcium	mg/L		133.76	
3	pH		6.5-8.5	7.5*		28	Magnesium	mg/L		4.44	
4	Color	Units	5	<5		29	Silica	mg/L		7	
5	*Turbidity*	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u*S/cm		517		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	331 [2]		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 [@]	<MDL	0.002
9	Chloride	mg/L	250	20		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		236		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		19		36	Chromium	mg/L	0.05	0.006	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 [@]	352		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		<MDL	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	0.04		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		<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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 [@]	2.75			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	Talibon
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Bohol

1	Name of source		PS #4
2	Location	10° 08.33'	Brgy. San Jose Talibon, Bohol
		124° 18.35'	
3	Depth Borehole; meter		150
4	Discharge Flowrate; liters/sec		40
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		2.56	
2	Temperature	°C		30.2*		27	Calcium	mg/L		144.06	
3	pH		6.5-8.5	7.4*		28	Magnesium	mg/L		12.50	
4	Color	Units	5	5		29	Silica	mg/L		27.9	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.66	0.001
6	Conductivity	uS/cm		1,065		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	600		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		638		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	161		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		217		35	Arsenic	mg/L	0.01	0.03	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	411		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	65		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0.17	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.003 [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	0.14		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*	-	*0.01*	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		11.0		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 @	42.82			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	Bayawan City
2	Date of Analysis	February 2003
3	Area number	7 - Region 7
4	Province	Bayawan City

1	Name of source		Nangka P.S.
2	Location	9° 34.8'	Brgy. Nangka, Bayawan City
		123° 2.04'	
3	Depth Borehole; meter		150
4	Discharge Flowrate; liters/sec		40
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		7.82	
2	Temperature	°C		30.1*		27	Calcium	mg/L		56.9	
3	pH		6.5-8.5	8*		28	Magnesium	mg/L		14.80	
4	Color	Units	5	<5		29	Silica	mg/L		70.89	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.85	0.001
6	Conductivity	*u* S/cm		-		31	Total Manganese	mg/L	0.5	0.02	0.006
7	Total Dissolved Solids	mg/L	500	-		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	0.09	0.002
9	Chloride	mg/L	250	74		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		335		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 @	203		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		0	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.6 [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		3	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*	-	0.01	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		5.0		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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	14.85			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	Sibulan
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Negros Oriental

1	Name of source		Deepwell #2 (Cangmating)
2	Location	9° 18.78'	Brgy. Cangmating Sibulan
		123° 6.96'	Negros Oriental
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		13.07	
2	Temperature	°C		32.3*		27	Calcium	mg/L		68.04	
3	pH		6.5-8.5	8.2*		28	Magnesium	mg/L		14.80	
4	Color	Units	5	<5		29	Silica	mg/L		104.11	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		1,764		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	1,149		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		1,285		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	432		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		137		35	Arsenic	mg/L	0.01	0.17	0.01
11	Acidity	mg/L		-		36	Chromium	mg/L	0.05	0.06	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	231		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	101		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	0.02 [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		3	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	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		13.0		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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	87.55			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	Bogo
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Cebu

1	Name of source		Cogon Well
2	Location	11° 02.75'	Brgy. Cogon, Bogo, Cebu
		124° 00.09'	
3	Depth Borehole; meter		120
4	Discharge Flowrate; liters/sec		13
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		1.03	
2	Temperature	°C		29.6*		27	Calcium	mg/L		216.59	
3	pH		6.5-8.5	7.7*		28	Magnesium	mg/L		6.62	
4	Color	Units	5	<5		29	Silica	mg/L		9.31	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.03	0.001
6	Conductivity	*u*S/cm		659		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	366		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		366		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	14		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		220		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		10		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	568		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		<MDL	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	13 [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	0.08		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	0.23	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		6.0		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		0.09	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	2.31			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	Pinamungajan
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Cebu

1	Name of source		Dakit Well
2	Location	10° 16.30'	Sitio Dakit, Pob.
		123° 35.49'	Pinamungajan, Cebu
3	Depth Borehole; meter		65
4	Discharge Flowrate; liters/sec		5
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		0.65	
2	Temperature	°C		27.9*		27	Calcium	mg/L		230.12	
3	pH		6.5-8.5	7.5*		28	Magnesium	mg/L		4.26	
4	Color	Units	5	<5		29	Silica	mg/L		11.66	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.09	0.001
6	Conductivity	*u* S/cm		645		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	378		32	Aluminum	mg/L	0.2	0.32	0.01
8	Total Solids	mg/L		424		33	Zinc	mg/L	5 @	0.008	0.002
9	Chloride	mg/L	250	10		34	Copper	mg/L	1	0.02	0.001
10	Total Alkalinity	mg/L		240		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 @	592		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	7.70 [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	0.19		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	-	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		4.0		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 @	9.25			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	Dumaguete
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Negros Oriental

1	Name of source		Deepwell #1
2	Location	9° 22.02'	Brgy. Lower Talay, Dumaguete City, Negros Oriental
		123° 3.66'	
3	Depth Borehole; meter		173
4	Discharge Flowrate; liters/sec		23
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		0.20	
2	Temperature	°C		25.8*		27	Calcium	mg/L		24.73	
3	pH		6.5-8.5	7.5*		28	Magnesium	mg/L		5.12	
4	Color	Units	5	<5		29	Silica	mg/L		103.32	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		266 [2]		31	Total Manganese	mg/L	0.5	0.002	0.006
7	Total Dissolved Solids	mg/L	500	166 [2]		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		189 [2]		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	0.75		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		104		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 @	83		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	0.01 [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	0.24		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		7.0		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 @	18.34			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	Dumaguete
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Negros Oriental

1	Name of source		Deepwell #5
2	Location	9° 14.76'	Brgy. Junob, Dumaguete City
		123° 5.28'	Negros Oriental
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		1.46	
2	Temperature	°C		25.8*		27	Calcium	mg/L		25.22	
3	pH		6.5-8.5	7.5*		28	Magnesium	mg/L		2.87	
4	Color	Units	5	<5		29	Silica	mg/L		<MDL	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		313 [2]		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	127 [2]		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		134 [2]		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		94		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 @	75		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		<MDL	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		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		1.0		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 @	18.10			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	Bais
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Negros Oriental

1	Name of source		La Paz Well #2
2	Location	9° 42.96'	Brgy. La Paz, Bais City Negros Oriental
		123° 1.34'	
3	Depth Borehole; meter		200
4	Discharge Flowrate; liters/sec		21
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		20.78	
2	Temperature	°C		32.5*		27	Calcium	mg/L		17.32	
3	pH		6.5-8.5	8.4*		28	Magnesium	mg/L		5.10	
4	Color	Units	5	<5		29	Silica	mg/L		76.97	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		517		31	Total Manganese	mg/L	0.5	0.08	0.006
7	Total Dissolved Solids	mg/L	500	340		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	14		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		219		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 @	64		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	3		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		-	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.003 [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	0.33		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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	31.63			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	Sibulan
2	Date of Analysis	February 2003
3	Area number	6 - Region 7
4	Province	Negros Oriental

1	Name of source		Deepwell #1 (Mainit)
2	Location	9° 22.98'	Sitio Mainit, Brgy. Lo-oc
		123° 9.48'	*Sibulan, Negros Oriental*
3	Depth Borehole; meter		98
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		11.40	
2	Temperature	°C		34.6*		27	Calcium	mg/L		34.16	
3	pH		6.5-8.5	8.1*		28	Magnesium	mg/L		5.43	
4	Color	Units	5	<5		29	Silica	mg/L		106.52	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		1,055		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	674		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		722		33	Zinc	mg/L	5 @	0.02	0.002
9	Chloride	mg/L	250	221		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		174		35	Arsenic	mg/L	0.01	0.02	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	0.04	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	34		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.02 [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	0.10		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		5.0		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 @	23.22			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

REGION 8

RESULT OF ANALYSIS

1	Name of WD	Isabel
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Leyte

1	Name of source		Mahayag Well
2	Location	10° 55.09'	Brgy. Mahayag, Isabel, Leyte
		124° 27.17'	
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		3.60	
2	Temperature	°C		27.4*		27	Calcium	mg/L		216.36	
3	pH		6.5-8.5	7.4*		28	Magnesium	mg/L		17.41	
4	Color	Units	5	<5		29	Silica	mg/L		77	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.17	0.001
6	Conductivity	uS/cm		1,779		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	1,051		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	387		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		336		35	Arsenic	mg/L	0.01	0.009	0.01
11	Acidity	mg/L		42		36	Chromium	mg/L	0.05	0.02	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	612		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	12		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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		2	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.09		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		14.0		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		0.015	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	81.43			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	Sulat
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Eastern Samar

1	Name of source		Lower Sulat Well
2	Location	11° 14.54'	Lower Sulat, Eastern Samar
		125° 00.38'	
3	Depth Borehole; meter		120
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		4.94	
2	Temperature	°C		27.6*		27	Calcium	mg/L		83.81	
3	pH		6.5-8.5	7.9*		28	Magnesium	mg/L		30.24	
4	Color	Units	5	<5		29	Silica	mg/L		33	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		716		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	383 [2]		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	11		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		356		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		39		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	334		37	Cadmium	mg/L	0.003	0.004	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	0.004	0.001
14	Phosphate	mg/L		<MDL	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	0.26 [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	0.67		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		<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 @	6.30			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	Catbalogan WD-A
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Catbalogan

1	Name of source		Guinsorongan Well
2	Location	10° 29.64'	Guinsorongan PS
		124° 43.98'	Brgy.Guinsorongan,Catbaloga
3	Depth Borehole; meter		80
4	Discharge Flowrate; liters/sec		4
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		5.48	
2	Temperature	°C		28.1*		27	Calcium	mg/L		306.03	
3	pH		6.5-8.5	7.2*		28	Magnesium	mg/L		17.08	
4	Color	Units	5	<5		29	Silica	mg/L		20.47	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		1,689		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	1,002		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		1,042		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	259		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		290		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 @	834		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	144		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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	0.20		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	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		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		0.05	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	3.92			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	Catarman
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Northern Samar

1	Name of source		Catarman Water District -B
2	Location	12° 26.04'	Catarman Water District
		124° 39.54'	Northern Samar
3	Depth Borehole; meter		98
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		2.62	
2	Temperature	°C		26.8*		27	Calcium	mg/L		91.22	
3	pH		6.5-8.5	7.8*		28	Magnesium	mg/L		13.46	
4	Color	Units	5	<5		29	Silica	mg/L		39.64	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.17	0.001
6	Conductivity	uS/cm		507		31	Total Manganese	mg/L	0.5	0.08	0.006
7	Total Dissolved Solids	mg/L	500	182		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		337		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		246		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 @	283		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	3		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	1.73 [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	0.15		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		17.0		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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	11.14			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	Abuyog
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Leyte

1	Name of source		Can-Ugid Well
2	Location	10° 29.63'	Brgy. Can-Ugid
		124° 43.98'	*Abuyog, Leyte*
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		12.48	
2	Temperature	°C		31.5*		27	Calcium	mg/L		38.84	
3	pH		6.5-8.5	7.9*		28	Magnesium	mg/L		29.30	
4	Color	Units	5	<5		29	Silica	mg/L		81.54	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.29	0.001
6	Conductivity	u S/cm		916		31	Total Manganese	mg/L	0.5	0.30	0.006
7	Total Dissolved Solids	mg/L	500	513		32	Aluminum	mg/L	0.2	0.27	0.01
8	Total Solids	mg/L		550		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		420		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 @	218		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	5		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		4.91	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	2.2 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	9.3 [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	0.08		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	-	0.01	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		74.0		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		0.04	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	51.63			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	Abuyog
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Leyte

1	Name of source		Bito Well
2	Location	10° 44.67'	Brgy. Bito, Abuyog, Leyte
		125° 00.61'	
3	Depth Borehole; meter		90
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		23.66	
2	Temperature	°C		32.3*		27	Calcium	mg/L		58.08	
3	pH		6.5-8.5	7.7*		28	Magnesium	mg/L		142.91	
4	Color	Units	5	5		29	Silica	mg/L		92.41	
5	Turbidity	NTU	5	14		30	Total Iron	mg/L	1	2.90	0.001
6	Conductivity	μS/cm		2,220		31	Total Manganese	mg/L	0.5	1.03	0.006
7	Total Dissolved Solids	mg/L	500	1,311		32	Aluminum	mg/L	0.2	1.50	0.01
8	Total Solids	mg/L		1,408		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	169		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		1007		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 @	734		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	24		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		6.62	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	28 [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	0.05		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		3.0		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		5.0		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 @	127.18			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	Metro Hilongos
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Leyte

1	Name of source		Bato Well
2	Location	10° 29.64'	Brgy. Bato, Hilongos, Leyte
		124° 43.98'	
3	Depth Borehole; meter		210
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		16.68	
2	Temperature	°C		29.1*		27	Calcium	mg/L		57.53	
3	pH		6.5-8.5	8.2*		28	Magnesium	mg/L		14.03	
4	Color	Units	5	<5		29	Silica	mg/L		39.64	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.17	0.001
6	Conductivity	uS/cm		1,042		31	Total Manganese	mg/L	0.5	0.3	0.006
7	Total Dissolved Solids	mg/L	500	602		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		603		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	201		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		235		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 @	201		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	12		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	2.7 [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		<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	<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		33.0		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 @	40.83			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	Metro Hilongos
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Leyte

1	Name of source		Poblacion Well
2	Location	10° 19.76'	Poblacion
		124° 47.76'	Hilongos, Leyte
3	Depth Borehole; meter		160
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		16.62	
2	Temperature	°C		27.1*		27	Calcium	mg/L		16.80	
3	pH		6.5-8.5	8.5*		28	Magnesium	mg/L		6.88	
4	Color	Units	5	<5		29	Silica	mg/L		29.63	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.24	0.001
6	Conductivity	uS/cm		806		31	Total Manganese	mg/L	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	516 [2]		32	Aluminum	mg/L	0.2	0.27	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	0.07	0.002
9	Chloride	mg/L	250	45		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		357		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	0.04	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	14		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	2.07 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	1.65 [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	0.98		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		23.0		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 @	60.54			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	Catbalogan WD-B
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Catbalogan

1	Name of source		Tamalistis Well
2	Location	11° 48.89'	Tamalistis PS Brgy. Tamalistis
		124° 53.13'	Catbalogan
3	Depth Borehole; meter		85
4	Discharge Flowrate; liters/sec		6.5
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		3.96	
2	Temperature	°C		29.6*		27	Calcium	mg/L		106.46	
3	pH		6.5-8.5	7.4*		28	Magnesium	mg/L		2.74	
4	Color	Units	5	<5		29	Silica	mg/L		85.10	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.03	0.001
6	Conductivity	uS/cm		696		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	449		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		461		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	13		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		308		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		8		36	Chromium	mg/L	0.05	0.004	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	277		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		<MDL	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	<MDL	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		8.0		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 @	28.10			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	Sulat
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Eastern Samar

1	Name of source		Upper Sulat Well
2	Location	11° 48.86'	Upper Sulat, Eastern Samar
		125° 27.36'	
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		0.43	
2	Temperature	°C		27.7*		27	Calcium	mg/L		236.56	
3	pH		6.5-8.5	7.4*		28	Magnesium	mg/L		5.98	
4	Color	Units	5	<5		29	Silica	mg/L		18.23	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	ND	0.001
6	Conductivity	μS/cm		719		31	Total Manganese	mg/L	0.5	0.30	0.006
7	Total Dissolved Solids	mg/L	500	396 [2]		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		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		208		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 @	615		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		0.60	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	0.17		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	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		<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 @	3.40			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	Catarman
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Northern Samar

1	Name of source		Well #1
2	Location	12° 28.56'	Catarman, Northern Samar
		124° 36.96'	
3	Depth Borehole; meter		112
4	Discharge Flowrate; liters/sec		10
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		1.70	
2	Temperature	°C		26.8*		27	Calcium	mg/L		46.86	
3	pH		6.5-8.5	8*		28	Magnesium	mg/L		9.20	
4	Color	Units	5	<5		29	Silica	mg/L		36.91	
5	Turbidity	NTU	5	<1		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		626		31	Total Manganese	mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	307		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		430		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		289		35	Arsenic	mg/L	0.01	0.005	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	0.004	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	155		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		0.74	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	0.20		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0.003	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		14.0		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 @	47.50			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	Catarman
2	Date of Analysis	February 2003
3	Area number	6 - Region 8
4	Province	Northern Samar

1	Name of source		Well #2
2	Location	12° 28.56'	Catarman, Northern Samar
		124° 36.96'	
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		2.07	
2	Temperature	°C		26.8*		27	Calcium	mg/L		48.87	
3	pH		6.5-8.5	8*		28	Magnesium	mg/L		9.22	
4	Color	Units	5	<5		29	Silica	mg/L		37.91	
5	Turbidity	NTU	5	<1		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		625		31	Total Manganese	mg/L	0.5	0.19	0.006
7	Total Dissolved Solids	mg/L	500	418		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		449		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	13		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		294		35	Arsenic	mg/L	0.01	0.003	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	0.01	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	160		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		0.74	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	0.20		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0.003	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		11.0		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 @	48.07			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

REGION 9

RESULT OF ANALYSIS

1	Name of WD	Zamboanga City
2	Date of Analysis	February 2003
3	Area number	9 - Region 9
4	Province	Zamboanga City

1	Name of source		Gov. Camins Pumping Station
2	Location	No Data	Gov. Camins Pumping Station
		No Data	Pilar St., Zamboanga City
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		2.92	
2	Temperature	°C		26.8		27	Calcium	mg/L		73.41	
3	pH		6.5-8.5	6.94		28	Magnesium	mg/L		9.1	
4	Color	Units	5	<5		29	Silica	mg/L		32.62	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.07	0.001
6	Conductivity	uS/cm		476		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	278		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		282		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	14		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		228		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		25		36	Chromium	mg/L	0.05	0.015	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	221		37	Cadmium	mg/L	0.003	0.003	0.003
13	Sulfate	mg/L	250	9		38	Selenium	mg/L	0.01	0.003	0.001
14	Phosphate	mg/L		<MDL	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	0.96 [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	0.04		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0.002	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		1.9		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		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 @	4.3			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	Dipolog
2	Date of Analysis	February 2003
3	Area number	9 - Region 9
4	Province	Dipolog City

1	Name of source		Well #7
2	Location	8° 33.846'	Brgy. Matunog
		123° 21.920'	Dipolog City
3	Depth Borehole; meter		140
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		6.80	
2	Temperature	°C		28.8*		27	Calcium	mg/L		101.36	
3	pH		6.5-8.5	8.2*		28	Magnesium	mg/L		21.44	
4	Color	Units	5	<5		29	Silica	mg/L		58.50	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.27	0.001
6	Conductivity	uS/cm		1,141		31	Total Manganese	mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	701		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	248		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		220		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 @	341		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		<MDL	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	2.73 [1]	0.001	40	Mercury	mg/L	0.001	<MDL	0.001
16	Nitrate	mg/L	50	4.35 [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	0.07		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	0.05	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		23.0		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 @	51.04			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	Dipolog
2	Date of Analysis	February 2003
3	Area number	9 - Region 9
4	Province	Dipolog City

1	Name of source		Well #6
2	Location	8° 33.145'	Brgy. Bauno, Dipolog City
		123° 21.801'	
3	Depth Borehole; meter		95
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		2.20	
2	Temperature	°C		28.2*		27	Calcium	mg/L		26.90	
3	pH		6.5-8.5	7.2*		28	Magnesium	mg/L		7.28	
4	Color	Units	5	10		29	Silica	mg/L		106.79	
5	Turbidity	NTU	5	34		30	Total Iron	mg/L	1	3.38	0.001
6	Conductivity	uS/cm		245		31	Total Manganese	mg/L	0.5	0.12	0.006
7	Total Dissolved Solids	mg/L	500	152		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		258		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	2		34	Copper	mg/L	1	0.07	0.001
10	Total Alkalinity	mg/L		117		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		7		36	Chromium	mg/L	0.05	0.004	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	97		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	5		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0.17	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	0.35 [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	0.009	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		0.7		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		0.16	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	5.15			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	Pagadian
2	Date of Analysis	February 2003
3	*Area number*	*9 - Region 9*
4	Province	Pagadian City

1	Name of source		Well #3
2	Location	7° 50.380'	Brgy. Tawagan Sur
		123° 27.785'	Pagadian City
3	Depth Borehole; meter		112
4	Discharge Flowrate; liters/sec		6.94
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		1.90	
2	Temperature	°C		26.6*		27	Calcium	mg/L		22.57	
3	*pH*		*6.5-8.5*	*7.8**		*28*	*Magnesium*	*mg/L*		*7.62*	
4	Color	Units	5	<5		29	Silica	mg/L		95.79	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u*S/cm		306		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		280		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		157		35	Arsenic	mg/L	0.01	0.02	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	88		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	1		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		1.47	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	0.08		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		6.0		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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	10.20			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	Pres. Roxas
2	Date of Analysis	February 2003
3	Area number	9 - Region 9
4	Province	Zamboanga del Norte

1	Name of source		Well #1
2	Location	8° 30.898'	Poblacion, Pres. Roxas
		123° 14.525'	Zamboanga del Norte
3	Depth Borehole; meter		101
4	Discharge Flowrate; liters/sec		6.94
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		6.50	
2	Temperature	°C		27.1*		27	Calcium	mg/L		50.04	
3	pH		6.5-8.5	8.6*		28	Magnesium	mg/L		20.13	
4	Color	Units	5	<5		29	Silica	mg/L		33.3	
5	*Turbidity*	NTU	5	<5		30	*Total Iron*	mg/L	1	0.03	0.001
6	Conductivity	uS/cm		1,675		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	952		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		812		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	383		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		310		35	Arsenic	mg/L	0.01	0.04	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	208		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		<MDL	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	<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		24.0		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 @	108.13			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	Pagadian
2	Date of Analysis	February 2003
3	*Area number*	*9 - Region 9*
4	Province	Pagadian City

1	Name of source		Well #1
2	Location	7° 50.472'	Brgy. Tawagan Sur
		123° 28.131'	Pagadian City
3	Depth Borehole; meter		92
4	Discharge Flowrate; liters/sec		26.4
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		0.50	
2	Temperature	°C		26.2*		27	Calcium	mg/L		22.98	
3	*pH*		6.5-8.5	7.6*		28	*Magnesium*	*mg/L*		7.72	
4	Color	Units	5	<5		29	Silica	mg/L		105.84	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		290		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	231		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		283		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		161		35	Arsenic	mg/L	0.01	0.01	0.01
11	Acidity	mg/L		0		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	89		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		1.47	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	*Nitrite*	*mg/L*	3	0.003 [1]	0.001	40	*Mercury*	*mg/L*	0.001	<MDL	0.001
16	Nitrate	mg/L	50	0.35 [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	0.07		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		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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	7.12			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	Tucuran
2	Date of Analysis	February 2003
3	Area number	*9 - Region 9*
4	Province	

1	Name of source		Dug Well #2
2	Location	7° 50.28'	Turcuran Well
		123° 28..08'	
3	Depth Borehole; meter		4
4	Discharge Flowrate; liters/sec		3
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		1.18	
2	Temperature	°C		28*		27	Calcium	mg/L		38.97	
3	*pH*		*6.5-8.5*	*7.8**		*28*	*Magnesium*	*mg/L*		7.79	
4	Color	Units	5	<5		29	Silica	mg/L		97.11	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.06	0.001
6	Conductivity	*u*S/cm		330		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	231		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		286		33	Zinc	mg/L	5 @	<MDL	0.002
9	*Chloride*	*mg/L*	*250*	3		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		177		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 @	129		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		11.04	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	0.78 [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	0.11		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		<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 @	5.52			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	Tucuran
2	Date of Analysis	February 2003
3	Area number	9 - Region 9
4	Province	

1	Name of source		Mabini Pumping Station
2	Location	7° 51.48'	Brgy. Mabini, Tucuran
		123° 28.78'	
3	Depth Borehole; meter		100
4	Discharge Flowrate; liters/sec		9
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		1.78	
2	Temperature	°C		29.5*		27	Calcium	mg/L		59.62	
3	pH		6.5-8.5	7.6*		28	Magnesium	mg/L		38.05	
4	Color	Units	5	<5		29	Silica	mg/L		72.42	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		802		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	427		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		499		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		496		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 @	306		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	19		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		1.47	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	0.65 [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	0.23		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		3.0		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		<MDL	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	9.32			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	Rizal
2	Date of Analysis	February 2003
3	*Area number*	*9 - Region 9*
4	Province	Zamboanga Del Norte

1	Name of source		LGSP Well
2	Location	8° 31.613'	Poblacion Rizal
		123° 32.772'	Zamboanga Del Norte
3	Depth Borehole; meter		64
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		5.04	
2	Temperature	°C		26.5*		27	Calcium	mg/L		19.62	
3	*pH*		6.5-8.5	7.7*		28	Magnesium	mg/L		6.82	
4	Color	Units	5	<5		29	Silica	mg/L		101.08	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.17	0.001
6	Conductivity	*u*S/cm		217		31	Total Manganese	mg/L	0.5	0.06	0.006
7	Total Dissolved Solids	mg/L	500	247		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	0.78	0.002
9	Chloride	mg/L	250	3		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		4		36	Chromium	mg/L	0.05	0.004	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	0		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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	0.15		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0.003	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		12.0		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		0.003	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	3.47			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	Zamboanga City
2	Date of Analysis	February 2003
3	Area number	9 - Region 9
4	Province	Zamboanga City

1	Name of source		Gov. Ramos Pumping Station
2	Location	No Data	Gov. Ramos Pumping Station
		No Data	Pilar St. Zamboanga City
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		2.06	
2	Temperature	°C		26.6		27	Calcium	mg/L		54.42	
3	pH		6.5-8.5	7.24		28	Magnesium	mg/L		8.36	
4	Color	Units	5	5		29	Silica	mg/L		37.52	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		365		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	221		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		450		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	11		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		212		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		13		36	Chromium	mg/L	0.05	0.01	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	170		37	Cadmium	mg/L	0.003	0.002	0.003
13	Sulfate	mg/L	250	2		38	Selenium	mg/L	0.01	0.002	0.001
14	Phosphate	mg/L		<MDL	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	0.22 [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	0.09		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0.002	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		2.6		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		11.0		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 @	4.2			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

REGION 10

RESULT OF ANALYSIS

1	Name of WD	Malaybalay City
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Malaybalay City

1	Name of source		Azura Well #2
2	Location	8° 7' 42.2"	Casisang, Malaybalay City
		125° 7' 34.9"	
3	Depth Borehole; meter		152
4	Discharge Flowrate; liters/sec		70
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		3.71	
2	Temperature	°C		26.5*		27	Calcium	mg/L		112.06	
3	pH		6.5-8.5	8.1*		28	Magnesium	mg/L		3.63	
4	Color	Units	5	<5		29	Silica	mg/L		73	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u*S/cm		-		31	Total Manganese	mg/L	0.5	0.16	0.006
7	Total Dissolved Solids	mg/L	500	-		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		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		76		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 @	295		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	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	<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		1.2		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		2.0		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.03	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	9.64			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	Cagayan De Oro
2	Date of Analysis	February 2003
3	Area number	8 - Region 10
4	Province	Cagayan De Oro

1	Name of source		Well #1 Macasandig
2	Location	8o 28' 11.4"	Macasandig, Cagayan De Oro
		124o 38' 33.2"	
3	Depth Borehole; meter		247.7
4	Discharge Flowrate; liters/sec		95
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		9.82	
2	Temperature	°C		29.8		27	Calcium	mg/L		28.69	
3	pH		6.5-8.5	8.8		28	Magnesium	mg/L		18.18	
4	Color	Units	5	<5		29	Silica	mg/L		82.79	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	ND	0.001
6	Conductivity	μS/cm		562		31	Total Manganese	mg/L	0.5	ND	0.006
7	Total Dissolved Solids	mg/L	500	256		32	Aluminum	mg/L	0.2	ND	0.01
8	Total Solids	mg/L		393		33	Zinc	mg/L	5 @	ND	0.002
9	Chloride	mg/L	250	14		34	Copper	mg/L	1	ND	0.001
10	Total Alkalinity	mg/L		300		35	Arsenic	mg/L	0.01	0.002	0.01
11	Acidity	mg/L		ND		36	Chromium	mg/L	0.05	ND	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	147		37	Cadmium	mg/L	0.003	ND	0.003
13	Sulfate	mg/L	250	0.62		38	Selenium	mg/L	0.01	ND	0.001
14	Phosphate	mg/L		5.64		39	Lead	mg/L	0.01	ND	0.005
15	Nitrite	mg/L	3	0.005	0.001	40	Mercury	mg/L	0.001	ND	0.001
16	Nitrate	mg/L	50	ND		41	Aldrin & Dieldrin	µg/L	0.03	ND	0.02
17	Ammonia-Nitrogen	mg/L		ND	0.20	42	Chlordane	µg/L	0.2	ND	0.02
18	Fluoride	mg/L	1	0.22		43	DDT	µg/L	2	ND	0.01
19	Cyanide	mg/L	0.07	0.002		44	Endrin	µg/L	0.2	ND	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.06		45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	ND	0.01
21	DO (DO%)	mg/L		3.3		46	Lindane	µg/L	2	ND	0.01
22	COD	mg/L		<5		47	Methoxychlor	µg/L	20	ND	0.02
23	BOD	mg/L		1.0		48	Toxaphene	µg/L		ND	0.02
24	Surfactant	mg/L		ND	0.05	49	Endosulfan I	µg/L		ND	0.01
25	Sodium	mg/L	200 @	16.56			II			ND	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	Misamis Occidental
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Ozamis City

1	Name of source		Molicay Well #1
2	Location	8° 9.980"	Brgy. Molicay, Ozamis City
		123° 50.071'	
3	Depth Borehole; meter		113
4	Discharge Flowrate; liters/sec		54
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		10.39	
2	Temperature	°C		27.1*		27	Calcium	mg/L		42.06	
3	pH		6.5-8.5	8.2*		28	Magnesium	mg/L		13.52	
4	Color	Units	5	<5		29	Silica	mg/L		59	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		321		31	Total Manganese	mg/L	0.5	0.02	0.006
7	Total Dissolved Solids	mg/L	500	218		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	2		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		169		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 @	161		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	20		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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		5	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.10		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		<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 @	8.03			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	Tangub City
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Misamis Occidental

1	Name of source		Well #1
2	Location	8° 2.940"	Poblacion, Tangub
		123° 43.489'	Misamis Occidental
3	Depth Borehole; meter		55
4	Discharge Flowrate; liters/sec		0.51
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		10.84	
2	Temperature	°C		23.4*		27	Calcium	mg/L		12.53	
3	pH		6.5-8.5	8.3*		28	Magnesium	mg/L		7.92	
4	Color	Units	5	<5		29	Silica	mg/L		64	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		201		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	126		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	2		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		109		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 @	64		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		<MDL	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	0.09		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		<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 @	4.96			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	Tangub City
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Misamis Occidental

1	Name of source		Well #3
2	Location	8° 4.175"	Poblacion, Tangub City
		123° 44.743'	
3	Depth Borehole; meter		55
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		10.06	
2	Temperature	°C		24.6*		27	Calcium	mg/L		13.80	
3	pH		6.5-8.5	8.2*		28	Magnesium	mg/L		9.13	
4	Color	Units	5	<5		29	Silica	mg/L		74	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	uS/cm		-		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	-		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	2		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		-		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	6		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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	0.17 [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	0.14		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		13.0		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 @	5.34			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	Misamis Occidental
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Ozamis City

1	Name of source		Tudela
2	Location	8° 14.48"	Brgy. Taguima, Ozamis City
		123° 50.621'	
3	Depth Borehole; meter		60
4	Discharge Flowrate; liters/sec		6.3
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		10.44	
2	Temperature	°C		25.5*		27	Calcium	mg/L		8.59	
3	pH		6.5-8.5	8.2*		28	Magnesium	mg/L		11.23	
4	Color	Units	5	<5		29	Silica	mg/L		90	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.03	0.001
6	Conductivity	*u* S/cm		-		31	Total Manganese	mg/L	0.5	0.02	0.006
7	Total Dissolved Solids	mg/L	500	260		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	2		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		-		36	Chromium	mg/L	0.05	0.01	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	5		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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	0.12		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		<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 @	8.50			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	Valencia
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Valencia City

1	Name of source		Well #1
2	Location	7° 55' 32.8"	Sitio Hagkol, Poblacion
		125° 5' 37.9"	Valencia City
3	Depth Borehole; meter		160
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		1.78	
2	Temperature	°C		23.4*		27	Calcium	mg/L		12.08	
3	pH		6.5-8.5	7.7*		28	Magnesium	mg/L		3.78	
4	Color	Units	5	<5		29	Silica	mg/L		64.77	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		213 [2]		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	136 [2]		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		33	Zinc	mg/L	5 [@]	<MDL	0.002
9	Chloride	mg/L	250	1		34	Copper	mg/L	1	0.03	0.001
10	Total Alkalinity	mg/L		63		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		4		36	Chromium	mg/L	0.05	<MDL	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 [@]	46		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	6		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		0.61	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	1 [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	0.07		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		3.9		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		1.0		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 [@]	7.66			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	Valencia
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Valencia City

1	Name of source		Well #3
2	Location	7° 55' 16"	Sitio Hagkol, Poblacion
		125° 5' 29.7"	Valencia City
3	Depth Borehole; meter		71
4	Discharge Flowrate; liters/sec		18
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		5.42	
2	Temperature	°C		23.4*		27	Calcium	mg/L		12.64	
3	pH		6.5-8.5	7.7*		28	Magnesium	mg/L		4.40	
4	Color	Units	5	<5		29	Silica	mg/L		67.4	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	μS/cm		233 [2]		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	149 [2]		32	Aluminum	mg/L	0.2	0.52	0.01
8	Total Solids	mg/L		152		33	Zinc	mg/L	5 [@]	<MDL	0.002
9	Chloride	mg/L	250	0.75		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		68		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 [@]	50		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		0.37	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	1.09 [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	0.08		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		4.8		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		0.09	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 [@]	7.72			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	Cagayan De Oro
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Cagayan De Oro

1	Name of source		Well #14
2	Location	8° 27' 27.2"	Balulang, Cagayan De Oro
		124° 37' 53.5"	
3	Depth Borehole; meter		150.6
4	Discharge Flowrate; liters/sec		80
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		4.42	
2	Temperature	°C		27.5*		27	Calcium	mg/L		32.04	
3	pH		6.5-8.5	8.6*		28	Magnesium	mg/L		15.34	
4	Color	Units	5	<5		29	Silica	mg/L		87.21	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.06	0.001
6	Conductivity	uS/cm		404		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	203		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		220		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride		250	5		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		215		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 @	143		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	12		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		5.89	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.78 [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	0.18		43	DDT	µg/L	2	<MDL	0.01
19	Cyanide	mg/L	0.07	0.002	0.002	44	Endrin	µg/L	0.2	<MDL	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.05	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		5.3		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 @	9.46			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	Gingoog
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Gingoog City

1	Name of source		Well #2
2	Location	8° 49' 13.2"	Poblacion, Gingoog City
		125° 6' 5.8"	
3	Depth Borehole; meter		60
4	Discharge Flowrate; liters/sec		5.42
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		0.24	
2	Temperature	°C		25.4*		27	Calcium	mg/L		34	
3	pH		6.5-8.5	8.1*		28	Magnesium	mg/L		4.71	
4	Color	Units	5	<5		29	Silica	mg/L		61.97	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<MDL	0.001
6	Conductivity	*u* S/cm		188		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	81		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		159		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		98		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 @	104		37	Cadmium	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	12		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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		4	0.20	42	Chlordane	µg/L	0.2	<MDL	0.02
18	Fluoride	mg/L	1	0.08		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	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		5.1		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		1.0		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 @	2.98			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	Don Carlos
2	Date of Analysis	February 2003
3	*Area number*	7 - Region 10
4	Province	Cagayan De Oro

1	Name of source		Well #3
2	Location	7° 40' 30.1"	Poblacia, Don Carlos, Bukidno
		124° 59' 43.9"	
3	Depth Borehole; meter		58
4	*Discharge Flowrate; liters/sec*		2.5
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		3.82	
2	Temperature	°C		25.9*		27	Calcium	mg/L		9.70	
3	*pH*		6.5-8.5	8.5*		28	Magnesium	mg/L		1.14	
4	Color	Units	5	<5		29	Silica	mg/L		40.72	
5	*Turbidity*	*NTU*	*5*	<5		30	*Total Iron*	mg/L	1	0.22	0.001
6	Conductivity	*u*S/cm		71		31	Total Manganese	mg/L	0.5	0.06	0.006
7	Total Dissolved Solids	mg/L	*500*	*15*		32	*Aluminum*	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		97		33	Zinc	mg/L	5 @	<MDL	0.002
9	Chloride	mg/L	250	<MDL		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		29		35	Arsenic	mg/L	0.01	0.005	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		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		1.89	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	2.04 [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	0.11		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	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		3.46		46	Lindane	µg/L	2	<MDL	0.01
22	COD	mg/L		5.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.06	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	0.36			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	Kibawe
2	Date of Analysis	February 2003
3	Area number	7 - Region 10
4	Province	Bukidnon

1	Name of source		Well #3
2	Location	7° 34' 25"	Poblacion Proper
		124° 59' 142"	Kibawe, Bukidnon
3	Depth Borehole; meter		143
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	
2	Temperature	°C		25.9*		27	Calcium	mg/L		37.56	
3	pH		6.5-8.5	8.5*		28	Magnesium	mg/L		9.28	
4	Color	Units	5	<5		29	Silica	mg/L		70.36	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.38	0.001
6	Conductivity	μS/cm		323		31	Total Manganese	mg/L	0.5	0.19	0.006
7	Total Dissolved Solids	mg/L	500	206 [2]		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	3		34	Copper	mg/L	1	<MDL	0.001
10	Total Alkalinity	mg/L		169		35	Arsenic	mg/L	0.01	0.006	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	0.01	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	132		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		0.60	0.1	39	Lead	mg/L	0.01	<MDL	0.005
15	Nitrite	mg/L	3	0.003 [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	0.10		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	0.01	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		11.0		47	Methoxychlor	µg/L	20	<MDL	0.02
23	BOD	mg/L		<1		48	Toxaphene	µg/L		<MDL	0.02
24	Surfactant	mg/L		0.02	0.05	49	Endosulfan I	µg/L		<MDL	0.01
25	Sodium	mg/L	200 @	8.40			II			<MDL	0.02

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

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\+ 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	Gingoog
2	*Date of Analysis*	*February 2003*
3	Area number	7 - Region 10
4	Province	Gingoog City

1	Name of source		Well #6
2	Location	8° 49' 23.5"	Poblacion, Gingoog City
		125° 6' 30"	
3	Depth Borehole; meter		47
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		0.17	
2	*Temperature*	°C		27.5*		27	*Calcium*	mg/L		42.22	
3	pH		6.5-8.5	8.6*		28	Magnesium	mg/L		7.90	
4	Color	Units	5	<5		29	*Silica*	mg/L		48.36	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.36	0.001
6	Conductivity	*u* S/cm		-		31	Total Manganese	mg/L	0.5	<MDL	0.006
7	Total Dissolved Solids	mg/L	500	-		32	Aluminum	mg/L	0.2	<MDL	0.01
8	Total Solids	mg/L		-		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		132		35	Arsenic	mg/L	0.01	<MDL	0.01
11	Acidity	mg/L		0 [3]		36	Chromium	mg/L	0.05	0.004	0.003
12	Hardness (as $CaCO_3$)	mg/L	300 @	138		37	*Cadmium*	mg/L	0.003	<MDL	0.003
13	Sulfate	mg/L	250	12		38	Selenium	mg/L	0.01	<MDL	0.001
14	Phosphate	mg/L		<MDL	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	0.11		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	0.02	0.01	45	Heptachlor/Heptachlor Epoxide	µg/L	0.03	<MDL	0.01
21	DO (DO%)	mg/L		5.3		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		1.0		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 @	3.44			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