1	Name of WD	Baguio Čity
2	Date of Analysis	2-Jul-03
3	Area number	1 - CAR
4_	Province	Benguet

1	Name of source	Ambiong - 1 Pump Station		
2	Location N 17° 36′ 52.3″	Baguio City WD, Brgy Ambiong		
	E 121° 42' 9.6"	Baguio City		
3	Depth Borehole; meter	117		
4	Discharge Flowrate; liters/sec	12.6		
5	Date of Well Operation	No data		
6	Disinfection Gas Chlorinator	- No data		
	Unit; Hypochlorinator	- 140 data		

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	\Box	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u> _	TAICHIETERO	01417	Limit	TRATION	INDL	<u> </u>	TAKAMETERS	Olvii	Limit	TRATION	IVIDE
١.											
11	Odor		υ	U*	1		Potassium	mg/L		1.16	1.0
11	Temperature	°C		19.6*	0.10		Calcium	mg/L		41.96	0.3
13	pH		6.5-8.5	7.6*	0.10		Magnesium	mg/L		3.25	0.3
H .	Color	Units		<5	4		Silica	mg/L		53	0.10
II	Turbidity	עדע	. 5	<5	0.10	-l	Total Iron	mg/L	1	<mdl< td=""><td>0.09</td></mdl<>	0.09
II .	Conductivity	u S/cm		212	0.10		Total Manganese	mg/L	0.5	<mdl< td=""><td>0.06</td></mdl<>	0.06
7	Total Dissolved Solids	mg/L	500	158	4.0		Aluminum	mg/L	0.2	_ <mdl< td=""><td>0.50</td></mdl<>	0.50
8 -	Total Solids	mg/L	[188	4.0		Zinc	mg/L	5 @	<mdl< td=""><td>0.03</td></mdl<>	0.03
9	Chloride	mg/L	250	2	0.20		Copper	mg/L	[1]	<mdl< td=""><td>0.02</td></mdl<>	0.02
10	Total Alkalinity	mg/L		68	1.0		Arsenic	mg/L	0.01	_ <mdl< td=""><td>0.5</td></mdl<>	0.5
11	Acidity	mg/L		12	1.0	36	Chromium	mg/L	0.05	<mdl< td=""><td>0.005</td></mdl<>	0.005
12	Hardness (as CaCO ₃)	mg/L	300 [@]	118	0.20	37	Cadmium	mg/L.	0.003	<mdl< td=""><td>0.02</td></mdl<>	0.02
13	Sulfate	mg/L	250	<mdl< td=""><td>0.40</td><td>38</td><td>Selenium</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.40	38	Selenium	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
14	Phosphate	mg/L		<mdl< td=""><td>0.02</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.06</td></mdl<></td></mdl<>	0.02	39	Lead	mg/L	0.01	<mdl< td=""><td>0.06</td></mdl<>	0.06
15	Nitrite	mg/L	3	0.01 1	0.006	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.10</td></mdl<>	0.10
16	Nitrate	mg/L	50	2.35 1	0.02	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
II	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.02</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.20</td></mdl<></td></mdl<>	0.02	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.20</td></mdl<>	0.20
H	Fluoride	mg/L	1	0.11	0.005	43	DDT	μg/L	2	<mdl< td=""><td>0.05</td></mdl<>	0.05
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.05</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	. 1	1					Heptachlor/Heptachlor	j "	0.00	**************************************	0.04
II I	Hydrogen Sulfide	mg/L	0.05		0.05	45		μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		7	2.0		Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
}I :	COD	mg/L		<mdl< td=""><td>5.0</td><td></td><td>Methoxychlor</td><td>μg/L</td><td>20</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	5.0		Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		<1	2.0		Toxaphene	μg/L		<mdl< td=""><td>0.50</td></mdl<>	0.50
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.03</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.03</td></mdl<>	0.03
25	Sodium	mg/L	200 [@]	3.82	1.0	ر	<u> </u>		<u>.</u>	<mdl< td=""><td></td></mdl<>	

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

- * Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	Lagansilang
2	Date of Analysis	6-Jun-03
3	Area number	1 - CAR
4	Province	Abra

1	Name of source	Asist Campus
2	Location N 17° 36' 52.3"	Lagansilang WD,
	E 121° 42' 9.6"	Lagansilang, Abra
3	Depth Borehole; meter	No data
.4	Discharge Flowrate; liters/sec	No data
5	Date of Well Operation	No data
6	Disinfection Gas Chlorinator	No data
L	Unit; Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	TINU	PNSDW	CONCEN-	MDL
	TANAMETERS	ONI	Limit	TRATION	MIDI		TANAMETERS	ONT	Limit	TRATION	WIDL
		i. I			ļ <u>.</u> .					. .	
1	Odor			U*	ļ		Potassium	mg/L	ļ	7.4	
i	Temperature	°C		28.7*	ļ.		Calcium	mg/L		110.69	
, ,	ρΗ		6.5-8.5	7.6*			Magnesium	mg/L		7.8	
1 .	Color	Units	. 5	<5			Silica	mg/L		76	
5	Turbidity	NTU		<5			Total Iron	mg/L	1	0.11	0.001
6	Conductivity	uS/cm		398 ²	<u> </u>	31	Total Manganese	mg/L	0.5	0.03	0.006
7	Total Dissolved Solids	mg/L	500	255		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		421			Zinc	mg/L	5 [@]	h	0.002
9	Chloride	mg/L	250	4		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		35			Arsenic	mg/L	0.01		0.01
11	Acidity	mg/L		10		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	308		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0	··· · · ·	38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L	1	43	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	1.09 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.31		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	Ō	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
		''					Heptachlor/Heptachlor	,,	0.00	4401	0.04
II	Hydrogen Sulfide	mg/L	0.05		0.01	45	L	μg/L	0.03		0.01
21	DO (DO%)	mg/L		3.1	ļ <u></u>		Lindane	μg/L	2	1.	0.01
11	COD	mg/L		0			Methoxychlor	μg/L	20	ļ_	0.02
23	BOD .	mg/L		2.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L]	<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 @	18.6	<u> </u>	l	<u> </u>		<u></u>	<mdl< td=""><td>0.02</td></mdl<>	0.02

- On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- 1 Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- 3 Acidity value qualified
- No basis for determination

1	Name of WD	Dolores
2	Date of Analysis	6-Jun-03
3	Area number	1 - CAR
4_	Province	Abra

1	Name of source	Bayaan Dolores Pump Station #1
2	Location N 17° 36' 52.	3" Dolores WD, Bayaan,
-	E 121° 42' 9	.6" Dolores , Abra
3	Depth Borehole; meter	20
4	Discharge Flowrate; liters/sec	3
5	Date of Well Operation	No data
6	Disinfection Gas Chlorina	for No data
	Unit; Hypochlorina	for

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
 - -			Lillit	HOTHON	 	\vdash		 	Lillin	IRATION	
1	 Odor	1 1	ן U			26	 Potassium	mg/L		5.7	
11	Temperature	l •c	· -	29.6*		27		mg/L		64.26	
Ш.	рН]	6.5-8.5	7.6*			Magnesium	mg/L		3.12	†
ll	Color	Units	5	<5	1		Silica	mg/L		41	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.11	0.001
6	Conductivity	u S/cm	· · · · · · · · · · · · · · · · · · ·	308	1	31	Total Manganese	mg/L.	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	140 +		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		201	·····	33	Zinc	mg/L	5 ®	0.02	0.002
9	Chloride	mg/L	250	4		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		18			Arsenic	mg/L	0.01	<mdl .<="" td=""><td>0.01</td></mdl>	0.01
11	Acidity	mg/L		8		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	173]	37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		20	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.01	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.09 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Fluoride	mg/L	1	0.16		1	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
		,,,	205	^	204	4.0	Heptachlor/Heptachlor	!!	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Hydrogen Sulfide	mg/L	0.05	. - <u>0</u>	0.01	45	Epoxide Lindane	μg/L	2	. ≺MDL	0.01
	DO (DO%)	mg/L		3			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	COD	mg/L		5			Toxaphene	μg/L	- 20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		0.09	0.05		Endosulfan I	μg/L μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
-	Surfactant	mg/L	000 @			48	Engosulian i	μg/L		. <mdl< td=""><td>0.01</td></mdl<>	0.01
[25]	Sodium	mg/L	200 [@]	3.3	L <u></u>	l	<u></u>	<u> </u>	<u></u>	~IVIUL	0.02

- On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- 1 Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	La Trinidad	-
2	Date of Analysis	July 03 - 17, 2003	-
3	Area number	1 - CAR	Ī
4	Province	Benguet	

1	Name of source	9	Pump Station #9		
2	Location	N 17° 36' 52.3"	La Trinidad WD,		
~	Location	E 121° 42′ 9.6″	La Trinidad, Benguet		
3	Depth Borehole	; meter	153		
4	Discharge Flow	rate; liters/sec	No data		
5	Date of Well Or	peration	No data		
6	Disinfection	Gas Chlorinator	No data		
0	Unit;	Hypochlorinator	ino data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
						<u> </u>			Little	TRATION	
1	Odor	- "		U*		26	Potassium	mg/L		1.41	
2	Temperature	°C		22.6*			Calcium	mg/L		40.86	
3	рH	1	6.5-8.5	7.9*		28	Magnesium	mg/L		1.82	
4	Color	Units	5	<5 <5		29	Silica	mg/L		63	
5	Turbidity	NTU	5	<5	1	30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		244 ²	T	31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	156 ⁺			Aluminum	mg/L	0.2	- <mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L	. 1	200		33	Zinc	mg/L	5 @	 <mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	4			Copper	mg/L	1 7 7	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		61		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		8		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	110		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01		0.001
14	Phosphate	mg/L		0.002	0.1		Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.01 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	13	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L	Ī	<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.08	1	43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
			0.05		0.04	45	Heptachlor/Heptachlor		0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Hydrogen Sulfide	mg/L	0.05	<u>.</u>	0.01	45	Epoxide Lindane	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L					Methoxychlor	μg/L μg/L	20	- MDL	0.01
Į.	COD BOD	mg/L	}	 <1	 		Toxaphene	μg/L μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
3	Surfactant	mg/L		0.08	0.05		Endosulfan I	μg/L μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
		mg/L	200 @	4.42	1 0.03	43	LIIUUSUIIAITT	μg/L	ļ · .	<mdl< td=""><td>0.02</td></mdl<>	0.02
125	Sodium	mg/L	200 %	4.42	<u> </u>	<u>l</u>	<u></u>		<u> </u>	<u> </u>	1 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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	La Trinidad
2	Date of Analysis	2-Jul-03
3	Area number	1 - CAR
4	Province	Benguet

1	Name of source	Pump Station #8
2	Location N 17° 36' 52.3"	La Trinidad WD,
_	E 121° 42' 9.6"	La Trinidad, Benguet
3	Depth Borehole; meter	131
4	Discharge Flowrate; liters/sec	No data
5	Date of Well Operation	No data
6	Disinfection Gas Chlorinator	No data
	Unit; Hypochlorinator	ino data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
\vdash				110411014		┤─-			CHISIC	TRATION	
1	Odor		ū ·	U*	 	26	Potassium	mg/L		5.24	
2	Temperature	°C		22.7*	 		Calcium	mg/L		132.08]
3			6.5-8.5	8.7*			Magnesium	mg/L		5.82	
4	Color	Units	5	<5			Silica	mg/L	1	76	
5	Turbidity	NTU	5	<5	1	30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		364	· · · · · ·	31	Total Manganese	mg/L	0.5	0,14	0.006
7	Total Dissolved Solids	mg/L	500	192		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		217	1	33	Zinc	mg/L	5 @	0.04	0.002
9	Chloride	mg/L	250	23		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		195		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L	1	0 3		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	354		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
II :	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.01 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	13 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
11.	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td></td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20		Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
II I	Fluoride	mg/L	1	0.21		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
1		1					Heptachlor/Heptachlor		[]		
	Hydrogen Sulfide	mg/L	0.05		0.01	45	Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		3	· ·	I * I	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
7 1	COD	mg/L		0	<u> </u>		Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		1.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.05	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	6.14					L	MDL	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- 1 Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

. 1	Name of WD	Baguio City
2	Date of Analysis	3-Jul-03
3	Area number	1 - CAR
4	Province	Benguet

1	Name of source	Pinsao Pumping Station		
2	Location N 17° 36' 52.3"	Baguio City WD, Brgy Pinsao		
∥ ~ .	E 121° 42' 9.6"	Baguio City		
3	Depth Borehole; meter	115		
4	Discharge Flowrate; liters/sec	12.6		
5	Date of Well Operation	No data		
6	Disinfection Gas Chlorinator	- No data		
	Unit; Hypochlorinator	- Ivo data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
—			LISTING	TRATION	<u> </u>		<u> </u>		Limit	TRATION	
1	l Odor	-	·· - ;-	U*	1	26	Potassium		****		
} .	Temperature	°C	· · · ···· ·	25*	0.10	27	}.→	mg/L		<mdl< td=""><td>1.0</td></mdl<>	1.0
lł.	pH		6.5-8.5	6.32*	0.10		Magnesium	mg/L		39	0.3
	Color	Units	5	2	4		Silica	mg/L mg/L		29 13	0.3
ŀ	Turbidity	NTU	5	0.7	0.10		Total Iron	mg/L	1	0.08	0.10
	Conductivity	u S/cm	=-	370 3	0.10		Total Manganese	mg/L	0.5	<mdl< td=""><td>0.09</td></mdl<>	0.09
!!	Total Dissolved Solids	mg/L	500	237	4.0		Aluminum	mg/L	0.5	<mdl< td=""><td>0.06</td></mdl<>	0.06
	Total Solids	mg/L	300	304	4.0		Zinc	. 7	5 [@]		
1	Chloride	mg/L	250		0.20		Copper	mg/L	5 .	0.04 <mdl< td=""><td>0.03</td></mdl<>	0.03
Į	Total Alkalinity	mg/L	230	13	1.0		Arsenic	mg/L mg/L	0.01	<mdl< td=""><td>0.02</td></mdl<>	0.02
l l	Acidity	mg/L		122 20	1.0		Chromium	mg/L	0.05	- <mdl< td=""><td>0.005</td></mdl<>	0.005
L	Hardness (as CaCO ₃)	mg/L	300 @	218	0.20	1	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
ļ.	Sulfate		250	<mdl< td=""><td>0.40</td><td></td><td>Selenium</td><td>[</td><td>L</td><td></td><td></td></mdl<>	0.40		Selenium	[L		
	Phosphate	mg/L	250	0.37	0.40		Lead	mg/L	0.01 0.01	<mdl <mdl< td=""><td>0.005</td></mdl<></mdl 	0.005
	Nitrite	mg/L mg/L	3	0.37	0.02		Mercury	mg/L	0.01	<mdl< td=""><td>0.10</td></mdl<>	0.10
l	Nitrate	T. 4	50	91	0.000		Aldrin & Dieldrin	mg/L	0.001	•	
I	Ammonia-Nitrogen	mg/L	20	<mdl< td=""><td>0.02</td><td></td><td>Chlordane</td><td>μg/L</td><td>0.03</td><td><mdl <mdl< td=""><td>0.01 0.20</td></mdl<></mdl </td></mdl<>	0.02		Chlordane	μg/L	0.03	<mdl <mdl< td=""><td>0.01 0.20</td></mdl<></mdl 	0.01 0.20
	Fluoride	mg/L mg/L	#	0.08	0.02		DDT	μg/L	0.2	<mdl< td=""><td>0.20</td></mdl<>	0.20
	Cyanide	mg/L	0.07	<mdl< td=""><td>0.005</td><td></td><td>Endrin</td><td>μg/L μg/L</td><td>0.2</td><td><mdl< td=""><td>0.03</td></mdl<></td></mdl<>	0.005		Endrin	μg/L μg/L	0.2	<mdl< td=""><td>0.03</td></mdl<>	0.03
13	Cyariide	II.g/L	0.07	1VIDE	0.03		Heptachlor/Heptachlor	rig/	0.2	\IVIDL	0.01
20	Hydrogen Sulfide	mg/L	0.05	. 0	0.05	45		μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		0	2.0	46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
j.	COD	mg/L		<mdl< td=""><td>5.0</td><td>47</td><td>Methoxychlor</td><td>μg/L</td><td>20</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	5.0	47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L	·	2.2	2.0		Toxaphene	μg/L		<mdl< td=""><td>0.50</td></mdl<>	0.50
24	Surfactant	mg/L		0.1	0.05		Endosulfan I	μg/L		<mdl< td=""><td>0.03</td></mdl<>	0.03
25	Sodium	mg/L	200 @	<mdl< td=""><td>1.0</td><td><u> </u></td><td>[</td><td> </td><td><u> </u></td><td>_<mdl< td=""><td>0.03</td></mdl<></td></mdl<>	1.0	<u> </u>	[<u> </u>	_ <mdl< td=""><td>0.03</td></mdl<>	0.03

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

- 1 Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	Aparri
2	Date of Analysis	July 28 - August 08, 2003
3	Area number	1 - Region 2
4	Province	Cagayan

1	Name of so	urce	Pumping Station #3		
2	Location	N 18° 21' 29.3"	Aparri WD, San Antonio,		
	E 121° 38.563'		Aparri , Cagayan		
3	Depth Borel	ole; meter	210		
4	Discharge F	lowrate; liters/sec	30		
5	Date of Well		No data		
6	Disinfection Gas Chlorinator		No data		
<u> </u>	Unit;	Hypochlorinator	- No data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U	U*	<u> </u>		Potassium	mg/L		18.03	
2	Temperature	°C		28.5*			Calcium	mg/L	ļ	22.65	<u> </u>
3	pН	L	6.5-8.5	8.5*			Magnesium	mg/L		29.44	
4	Color	Units	5	<5		-	Silica	mg/L		18	
	Turbidity	NTU	5	<5		+	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6		u S/cm		887		-	Total Manganese	mg/L	0.5	0.1	0.006
7	Total Dissolved Solids	mg/L	500	544		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		632	L		Zinc	_mg/L_	5 @	<mdl< td=""><td>0.002</td></mdl<>	0.002
<u> </u>	Chloride	mg/L	250	91		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		181		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
111	Acidity	mg/L		0 3	Ì	36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	178		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.43 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	43 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.19		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		2		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2		48	Toxaphene	μ g /L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.07	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	35.9						<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
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- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	Aparri
2	Date of Analysis	July 26 - August 08, 2003
3	Area number	1 - Region 2
4	Province	Cagayan

1	Name of sou	ırce	Pumping Station #5
2	Location	N 18° 21' 56.3"	Aparri WD, Punta,
	LUCATION	E 121° 38.42'	Aparri, Cagayan
3	Depth Boreh	nole; meter	150
4	Discharge F	lowrate; liters/sec	35
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
	Unit;	Hypochlorinator	140 data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
	Odor		Ų	U*			Potassium	mg/L.		19.21	
_	Temperature	°C		30.2*			Calcium	mg/L		15.7	
	рН		6.5-8.5	8.3*			Magnesium	mg/L		2.08	
	Color	Units	5	<5			Silica	mg/L		20	
5	Turbidity	NTÜ	5	<5		_	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		902		31		mg/L	0.5	0.08	0.006
7	Total Dissolved Solids	mg/L	500	460			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		585			Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	119			Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L	_	186		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		0 ³		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	48		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.6 ¹	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	52 ¹	0.001		Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Fluoride	mg/L	1	0.31			DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	-	0.01	45		μg/L	0.03	0.01	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		0			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	42.69			11		ļ	<mdl< td=""><td>0.02</td></mdl<>	0.02

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

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	Tuguegarao
2	Date of Analysis	September 2003
3	Area number	1 - Region 2
4	Province	Tuguegarao City

1	Name of sou	rce	Buntun Well Pumping Staion #2			
2	Location	N 17° 36′ 52.3"	Tuguegarao WD, Brgy Buntun,			
_	Location	E 121° 42' 9.6"	Tuguegarao City			
3	Depth Boreh	ole; meter	No data			
4	Discharge FI	owrate; liters/sec	No data			
5	Date of Well	Operation	No data			
6	Disinfection	Gas Chlorinator	No data			
	Unit;	Hypochlorinator	- No data			

	PARAMETERS	דואט	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
_	<u> </u>				<u> </u>	<u> </u>					
11—	Odor		U	0*	.[-!	Potassium	mg/L	i	3.15	
	Temperature	°C		29.2*	<u> </u>	27		mg/L	L	22.92	
	рН		6.5-8.5	7.8*	<u> </u>		Magnesium	mg/L		8.28	
1	Color	Units	5	<5		29		mg/L		29	
	Turbidity	UTM	5	<5	<u> </u>	30		mg/L	1	0.07	0.001
6	Conductivity	u S/cm		404	ļ	31		mg/L	0.5	0.86	0.006
<u> </u>	Total Dissolved Solids	mg/L	500	238	<u> </u>	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		242			Zinc	mg/L	5 [©]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	15	_	34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Total Alkalinity	mg/L		195		1	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		4	L	36	Chromium	mg/L	0.05	<mdl_< td=""><td>0.003</td></mdl_<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 @	91		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0	J	38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.03 1	0.001	40	Mercury	mg/L	0.001	<mdl_< td=""><td>0.001</td></mdl_<>	0.001
	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td></td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20		Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.16		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	0.09 1	0.01	45	Heptachfor/Heptachfor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		2.0			Lindane	μg/L	2	<mdl_< td=""><td>0.01</td></mdl_<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		2.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.13	0.05	49	Endosulfan I	μ g /L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	12.47			ŧſ			<mdl< td=""><td>0.02</td></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

- Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anjonic constituents
- 3 Acidity value qualified
- No basis for determination

1	Name of WD	Peñablanca
2	Date of Analysis	24-Jul-03
3	Area number	1 - Region 2
4	Province	Cagayan

1	Name of sou	гсе	Dodan Pumping Station		
2	Location N 17° 38.165'		Peñablanca WD, Dodan,		
_	Location	E 121° 45.561'	Peñablanca, Cagayan		
3	Depth Boreh	ole; meter	220		
4		owrate; liters/sec	15		
5	Date of Well	Operation	No data		
6	Disinfection Gas Chlorinator		No data		
0	Unit;	Hypochlorinator	No data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		2.08	
2	Temperature	°C		27.7*		27	Calcium	mg/L		10.09	
3	pН		6.5-8.5	7.9*		28	Magnesium	mg/L		3.09	
11—	Color	Units	5	<5			Silica	mg/L		27	
11	Turbidity	NTU	5	<5			Total iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		195		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	125 ²		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		202			Zinc	mg/L	5 [@]	<mdl :<="" td=""><td>0.002</td></mdl>	0.002
и	Chloride	mg/L	250	3			Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		67		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		6		36	Chromium	mg/L	0.05	<mdl td="" ·<=""><td>0.003</td></mdl>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	38		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.74 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.03 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.15		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		5.0		46	Lindane	_μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		3.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.09	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	5.53			П			<mdl< td=""><td>0.02</td></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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	Gattaran
2	Date of Analysis	August 2003
3	Area number	1 - Region 2
4	Province	Cagayan

1	Name of so	urce	Pumping Station #1		
2	N 18° 21' 3.68"		Gattaran WD, Centro Sur,		
2	Location	E 121° 38.537′	Gattaran, Cagayan		
3	Depth Borel	nole; meter	150		
4	Discharge F	lowrate; liters/sec	20		
5	Date of Wel	l Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
O	Unit; Hypochlorinator		- No data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL	T	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
╟─			1-11-11-1	HOATION		+			Lilling	HONTION	
1	Odor	 	U.	U*	 	26	Potassium	mg/L	ļ	5.32	
2	Temperature	°C		27.4*		27	Calcium	mg/L		21.94	
	рН		6,5-8.5	8*		28	Magnesium	mg/L		21.48	
	Color	Units	5	<5		29		mg/L		38	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.54	0.001
6	Conductivity	u S/cm		715		31	Total Manganese	mg/L	0.5	0.16	0.006
7	Total Dissolved Solids	mg/L	500	367		32	Aluminum	mg/L_	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		484		33	Zinc	mg/L	5 [@]	0.16	0.002
9	Chloride	mg/L	250	20		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		364		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		15		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	143		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		0.86	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.13 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	4.35 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.42		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
_	Hydrogen Sulfide	mg/L	0.05		0.01	45	Heptachfor/Heptachfor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		0			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		3.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	64.42			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

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

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	Gattaran
2	Date of Analysis	6-Aug-03
3	Area number	1 - Region 2
4	Province	Cagayan

1	Name of sou	ırce	Pumping Station #2
2	Location	N 18° 21' 3.853"	Gattaran WD, Centro Norte,
_	Lucation	E 121° 38.633'	Gattaran, Cagayan
3	Depth Borel	ole; meter	120
4	Discharge F	lowrate; liters/sec	10
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
	Unit:	Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
		T				Π		T			
1	Odor	T	U	U*		26	Potassium	mg/L		3.1	
2	l	°C		28.7*		27	Calcium	mg/L		19.34	
3	<u> </u>		6.5-8.5	8.4*			Magnesium	mg/L		4,42	
4	Color	Units	5	< <u>5</u>		1	Silica	mg/L		38_	
5		NTU	5	<5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		598		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	284 +		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		346 +		33	Zinc	mg/L	5 [@]	0.19	0.002
9		mg/L	250	15		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		304		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	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 [@]	66	_	37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	4.35 ¹	0.001		Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0,2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0,2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.18			DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdē< td=""><td>0.02</td></mdē<>	0.02
20	Hydrogen Sulfide	mg/L	0.05		0.01	45	Heptachlor/Heptachtor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		1.0			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		<1		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	19.14			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Interlek Laboratory)

MDL Method Detection Limit

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

1	Name of sou	rce	Lumidao Pumping Staion		
2	Location N 16° 41.758'		Santiago WD, Mabini,		
2	Location	E 121° 33.881'	Santiago, Isabela		
3	Depth Boreh	ole; meter	210		
4	Discharge FI	owrate; liters/sec	30		
5	Date of Well	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
U	Unit; Hypochlorinator		1NO data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
										1	
1	Odor		U	O*		26	Potassium	mg/L		2.74	
2	Temperature	°C		29.2*]	27	Calcium	mg/L		3.78	
3	pН		6.5-8.5	9.3*		28	Magnesium	mg/L		1.52	
4	Color	Units	5	25		29	Silica	mg/L		17	
5		NTU	5	<5		30		mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6		u S/cm		435			Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	206		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		223		33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	6	-	34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		204		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		0 ³		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	16		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.03 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	3.13 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	<mdl< td=""><td></td><td>43</td><td>DOT</td><td>μg/L</td><td>2</td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>		43	DOT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	0	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		1		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		11			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.2	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	81.22			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	ırce	Pumping Station #1
2	Location	N 16° 20.396'	Maddela WD, Municipal Park
	Location	E 121° 40.995′	Maddela, Quirino
3	Depth Boreh	ole; meter	150
4	Discharge F	lowrate; liters/sec	10
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
	Unit; Hypochl		No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U	U*	ļ		Potassium	mg/L		5.83	
2		°C		27.8*			Calcium	mg/L		8.98	
3	pΗ		6.5-8.5	6.8*			Magnesium	mg/L		5.86	
4	Color	Units	5	<5		29	Silica	mg/L		33	
H	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm	•	442		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	256		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		296		33	Zinc	mg/L	5 [@]	0.04	0.002
9	Chloride	mg/L	250	74		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		62		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		32		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	47		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.03 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	1.3 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.3			DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	Ó	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	0	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		2			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		<1		48	Toxaphene	μ g /L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	34.44						<mdl< td=""><td>0.02</td></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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- 3 Acidity value qualified
- No basis for determination

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

1	Name of so	urce	Pumping Station #2
2	Location	N 16° 20.389'	Maddela WD, Poblacion Sur,
	Location	E 121° 40.926'	Maddela, Quirino
3	Depth Borel	nole, meter	120
4	Discharge F	lowrate; liters/sec	6
- 5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
	Unit;	Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
 			<u>Limit</u>	TRATION		┾-			Limit	TRATION	
L	Ode	<u> </u>		U*	[
1	Odor	°C	U		ļ		Potassium	mg/L		5.94	<u> </u>
2	Temperature		0.5.0.5	27.1*		_	Calcium	mg/L		19.2	
	pH	 	6.5-8.5	6.7*	ļ		Magnesium	mg/L		9.24	.
	Color	Units	5	<u><5</u>	ļ		Silica	mg/L		60	
5	Turbidity	NTU	5	<5	ļ	30		mg/L	1	0.07	0.001
6	Conductivity	u S/cm		620	! 	31		mg/L	0.5	0.08	0.006
7	Total Dissolved Solids	mg/L	500	382			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		416	L		Zinc	mg/L	5 [@]	0.34	0.002
	Chloride	mg/L	250	90			Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		144		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		31		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	86		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.03 ¹	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	13.04 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.27		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	0	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		2		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		0			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		3			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.16	0.05		Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	42.19			- 11			<mdl< td=""><td>0.02</td></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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- 3 Acidity value qualified
- No basis for determination

1	Name of WD	Peñablanca
2	Date of Analysis	30-Jul-03
3	Area number	1 - Region 2
4	Province	Cagayan

1	Name of sou	ırce	Pumping Station #2			
2	Location	N 17° 37.616'	Peñablanca WD, Centro,			
] ~	Location	E 121° 47.338′	Peñablanca, Cagayan			
3	Depth Boreh	ole; meter	180			
4	Discharge F	lowrate; liters/sec	20			
5	Date of Well	Operation	No data			
6	Disinfection	Gas Chlorinator	- No data			
L	Unit; Hypochlorinator		- No data			

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>			Limit	TRATION		_			Limit	TRATION	
_				1 1+		-	Detection			704	
	Odor		U	U*			Potassium	mg/L		7.84	
2	Temperature	°C		27.9*			Calcium	mg/L		10.64	
3	pH	<u> </u>	6.5-8.5	7.6*			Magnesium	mg/L		3.66	
4	Color	Units	5	<u> </u>			Silica	mg/L		29	2.004
5	Turbidity	NTU	5	<5		30	1	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		243		t	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	130 +		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L	.	160			Zinc	mg/L	5 [@]	0.14	0.002
9	Chloride	mg/L	250	3		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		87		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L	_	8		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	42		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.91 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	<mdl< td=""><td></td><td>43</td><td>DDT</td><td>μg/L</td><td>2</td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L_	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	<u> </u>	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		3.0		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L.</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L.		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	11.46			11			<mdl< td=""><td>0.02</td></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

- Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	ırçe	Pumping Station #1			
2	Location	N 16° 46.937'	Ramon WD, Purok 1, Bugallon,			
	Location	E 121° 32.008′	Ramon , Isabela			
3	Depth Borel	ole; meter	110			
4	Discharge F	lowrate; liters/sec	11			
5	Date of Well	Operation	No data			
6	Disinfection	Gas Chlorinator	No data			
	Unit; Hypochlorinator		No data			

Γ	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	דואט	PNSDW	CONCEN-	MDL
<u> </u>			<u>Limit</u>	TRATION		╄			Limit	TRATION	
<u> </u>		ļ				<u> </u>	<u> _ </u>				
I—	Odor		U U	U*	<u> </u>		Potassium	mg/L		12.05	l
2	[,	°C		28.9*			Calcium	mg/L		27.46	
!L	На		6.5-8.5	6.9*			Magnesìum	mg/L		13.01	
i—	Color	Units	5	<5	ļ		Silica	mg/L	<u> </u>	93	
	Turbidity	NTU	5	<5			Total Iron	mg/L	1	0.04	0.001
6	Conductivity	u S/cm		721	<u> </u>		Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	476			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
_	Total Solids	mg/L		500			Zinc	mg/L	5 [@]		0.002
	Chloride	mg/L	250	72		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		184		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		27		36	Chromium	mg/L	0.05	<mďl< td=""><td>0.003</td></mďl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	122		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L_	3	0.03 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	17.39 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.12		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	0	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		2		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	40.56			II .			<mdl< td=""><td>0.02</td></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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	лсе	Pumping Station #2		
2	Location	N 16° 46.642'	Ramon WD, Bugallon Proper,		
-	Eocation	E 121° 32,025'	Ramon , Isabela		
3	Depth Boreh	ole; meter	150		
4	Discharge F	lowrate; liters/sec	90		
5	Date of Well	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
	Unit; Hypochlorinator		140 data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	T		U	U*			Potassium	mg/L		14.82	
2	Temperature	°C		29*		27	Calcium	mg/L_		9.3	
3	pH		6.5-8.5	7.1*			Magnesium	mg/L		6.06	
4	Color	Units	5	<5			Silica	mg/L		96	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.57	0.001
6		uS/cm		257		31	Total Manganese	mg/L_	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	199		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		258		33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
	Chloride	mg/L	250	4		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Total Alkalinity	mg/L		106		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		23		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	48		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Nitrate	mg/L	50	0.09 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.41		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	26.34			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

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

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- 3 Acidity value qualified
- No basis for determination

1	Name of WD	Tuguegarao
2	Date of Analysis	September 2003
3	Area number	1 - Region 2
4	Province	Tuguegarao City

1	Name of sou	irce	San Gabriel Pumping Station			
2	Location	N 17° 37' 28.2"	Brgy San Gabriel			
-	Location	E 121° 43′ 11.3"	Tuguegarao City			
3	Depth Boreh	ole; meter	180			
4	Discharge Fi	owrate; liters/sec	20.5			
5	Date of Well	Operation	No data			
6	Disinfection		No data			
L Ŭ	Unit; Hypochlorinator		- No dala			

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	Τ	PARAMETERS	UNIT		CONCENTR	MDL
<u> </u>		}- ~	Limit	TRATION	 	┼		 	Limit	ATION	 -
- T	Odor	 	U	O*	 	26	Potassium	mg/L	 	3.74	
2		·c		29.3*	 	27		mg/L	 	38.06	 -
3		├─ ॅ ┤	6.5-8.5	7.5*	├ ──	1	Magnesium	mg/L	 -	14.2	ļ
<u> </u>	<u> </u>	Units	5,	5	 		Silica	mg/L		21	 -
	Turbidity	NTU	5	5			Total Iron	mg/L	f	0.82	0.001
	Conductivity	u S/cm		600		31		mg/L	0.5		0.006
	Total Dissolved Solids	mg/L	500	325	 	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
_	Total Solids	mg/L		384			Zinc	mg/L	5 [©]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	36	 -		Copper	mg/L	1	<mdl .<="" td=""><td>0.001</td></mdl>	0.001
10	Total Alkalinity	mg/L		273	<u> </u>		Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		8		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	154		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphale	mg/L.		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.03 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mol< td=""><td>0.02</td></mol<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.19		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	Ö	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.09 '	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		3.0		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.15	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	17.14		\Box			1	<mdl< td=""><td>0.02</td></mdl<>	0.02

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

- On Sile Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)
 MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

	1	Name of WD	San Manuel
ı	2	Date of Analysis	July 2003
١	3	Area number	1 - Region 2
	4	Province	Isabela

1	Name of sou	ırce	San Manuel P.S. #1				
2	Location	N 17° 1.435'	San Manuel WD, Poblacion,				
	Location	E 121° 38.180'	San Manuel, Isabela				
3	Depth Borel	ole; meter	No data				
4	Discharge F	lowrate; liters/sec	No data				
5	Date of Well	Operation	No data				
6	Disinfection	Gas Chlorinator	- No data				
L Č	Unit; Hypochlorinator		- NO data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U	Ú*			Potassium	mg/L		3.22	
	Temperature	°C		27.4*		27	Calcium	mg/L		25.16	
	pH	<u> </u>	6.5-8.5	8.5*			Magnesium	mg/L		8.78	
II	Color	Units	5	<5		29	ſ	mg/L		48	
	Turbidity	NTU	5	<5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		431		31	Total Manganese	mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	315		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		329			Zinc	mg/L	5 [@]	0.36	0.002
9	Chloride	mg/L	250	1		34	Copper	mg/L	. 1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		204		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		0 ³		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	99		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.07 ¹	0.001	40	Mercury	mg/L	0.001	<mdl_< td=""><td>0.001</td></mdl_<>	0.001
16	Nitrate	mg/L	50	1.17 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.16		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachior/Heptachior Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		2 .			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		3		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.07	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	30.84		<u> </u>	11			<mdl< td=""><td>0.02</td></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

- 1 Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of so	urce	Sandiat Pumping Station				
2	Location	N 17° 4.296'	San Manuel WD, Sandiat,				
4	Location	E 121° 38,250'	San Manuel, Isabela				
3	Depth Borel	nole; meter	105				
4	Discharge F	lowrate; liters/sec	14				
5	Date of Wel	Operation	No data				
6	Disinfection	Gas Chlorinator	No data				
	Unit;	Hypochlorinator	- No data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
L											
1	Odor		U	U*			Potassium	mg/L		3.26	
2		°C		27*		27	Calcium	mg/L		18.63	
3			6.5-8.5	7.8*			Magnesium	mg/L		9 14	
4	Color	Units	5	<5		1	Silica	mg/L	. <u></u> _	84	
5		NTU	5	5		30	, ·	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		461		31	1	mg/L	0.5	0.2	0.006
7	Total Dissolved Solids	mg/L	500	327		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		340			Zinc	mg/L	5 [@]	0.16	0.002
9	Chloride	mg/L	250	1		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Total Alkalinity	mg/L		226		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		14		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	84		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0,03 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	1.44 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.33		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	0	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		2		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
_	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
_	BOD	mg/L		_ 5			Toxaphene	μ g/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.11	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	28.78			<u>li</u>			<mdl< td=""><td>0.02</td></mdl<>	0.02

* On Site Analysis (CESTine)

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O ≈ Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of so	ırce	Villasis PS		
2	Location	N 16° 41.456'	Santiago WD, Villasis,		
_	Location	E 121° 33.237'	Santiago, Isabela		
3	Depth Borel	nole; meter	200		
4	Discharge F	lowrate; liters/sec	25		
5	Date of Well	Operation	No data		
6	Disinfection		No data		
L	Unit;	Hypochlorinator	1,0 4414		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
					·						
1	Odor		Ų	U*		26	Potassium	mg/L		4.62	
	Temperature	°C	-	28.2*		ı	Calcium	mg/L		29.54	Ĺ
3	рH		6.5-8.5	7.7*		28	Magnesium	mg/L		19.05	
4		Units	5	10			Silica	mg/L		83	
_	Turbidity	NTU	5	15		30		mg/L	1	5.12	0.001
	Conductivity	uS/cm		500		31		mg/L	0.5	0.32	0.006
7	Total Dissolved Solids	mg/L	500	337		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Total Solids	mg/L	1	400			Zinc	mg/L	5 [@]	_ <mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	27		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		216		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		20		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	152	**	37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.03 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	8.7 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.46		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	-	0.01	45		μg/L	0.03	<mdl< td=""><td>0.01_</td></mdl<>	0.01_
	DO (DO%)	mg/L		2			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		6			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.23	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	21.54			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	Baler
2	Date of Analysis	July 18 - July 30, 2003
3	Area number	2 - Region 3
4	Province	Aurora

1_	Name of soul	ce	Baler Central Well					
2	Location	N 14° 45.358'	Baler WD, Baler, Aurora					
-	Location	E 121° 33.719'						
3	3 Depth Borehole; meter		No data					
4	Discharge Flo	owrate; liters/sec	No data					
5	Date of Well	Operation	No data					
6	Disinfection	Gas Chlorinator	No data					
	Unit	Hypochlorinator	- No data					

Г	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
L	PARAMETERS	ONU	Limit	TRATION	MIDL		PARAMETERS	UNIT	Limit	TRATION	MIDL
\perp 1	Odor	<u> </u>	U	U*		_	Potassium	mg/L	 	7.42	l
2	· · · · · · · · · · · · · · · · · · ·	°C		25.6*		27	Calcium	mg/L		20.02	
	pН	J	6.5-8.5	8.8*			Magnesium	mg/L		1.64	
1—	Color	Units	5	_<5		29		mg/L		38	
	Turbidity	NTU	5	<5		30		mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		128			Total Manganese	mg/L	0,5	0.09	0.006
7	Total Dissolved Solids	mg/L	500	49	ļ <u>-</u>	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		66		33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	3		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		43		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L	_	0 3		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	57		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	10		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		5	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.23 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	1.30	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.14		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μ g /L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	0	0.010	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		5.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		8.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		5.0		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.09	0.05	49	Endosulfan i	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	2.36			II .			<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

1	Name of WD	Baler
2	Date of Analysis	July 18 - July 30, 2003
3	Area number	2 - Region 3
4	Province	Aurora

1	Name of sou	irce	Quezon Well			
2	Location	N 14° 45.600'				
-	Location	E 121° 33,674	Baler WD, Baler, Aurora			
3	name of sou	гсе	No data			
4	Discharge Fl	owrate; liters/sec	No data			
5	Date of Well	Operation	No data			
6	Disinfection	Gas Chlorinator	- No data			
	Unit	Hypochlorinator	No data			

<u> </u>	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	1	PARAMETERS	UNIT	PNSDW	CONCEN-	NATO!
	PARAMETERS	UNII	Limit	TRATION	MIDE		PARAMETERS	UNII	Limit	TRATION	MDL
					ļ						
1	Odor	ļ	U	U*		-	Potassium	mg/L		3.76	<u> </u>
EI .	Temperature	°C		25.3*		27	Calcium	mg/L	***	18.62	
П	рН	[]	6.5-8.5	8.6*			Magnesium	mg/L		1.77	_
	Color	Units	5	<5			Silica	mg/L		37	
	Turbidity	NTU	5	<5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		121		1	Total Manganese	mg/L	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	70		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		121			Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	2		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		42		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		0 3		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO₃)	mg/L	300 [@]	54		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	6		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		5	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.03 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001		Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0.26	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	_	0.010	45	Heptachtor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L	0.00	2.0	0.010		Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
i.	COD DO (DO W)	mg/L		4.0			Methoxychlor	μg/L	20	(MDL	0.02
1	BOD	mg/L		2.0			Toxaphene	μg/L μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
· .	Surfactant	mg/L		0.1	0.05		Endosulfan I	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
I	Sodium	mg/L	200 @	3.12	0.00			Ha.c.		<mdl< td=""><td>0.02</td></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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	ırce	Balanga Pump Station #1				
2	Location	N 14° 40.450'	Balanga WD, Poblacion,				
_	Location	E 120° 40.450'	Balanga, Bataan				
3	Depth Boreh	ole; meter	-				
4	Discharge F	lowrate; liters/sec	•				
5	Date of Well	Operation	No data				
6	Disinfection		No data				
J	Unit:	Hypochlorinator	" No data				

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	Π	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
 -			Limit	TRATION		↓_	 	 	Limit	TRATION	
	Odor					-	D-1			a = 4	
∥ ¦.	Odor	ا مَا	U	 ,	ļ <u></u>		Potassium	mg/L		2.54	<u>.</u>
2	Temperature	°C		28.4*		-	Calcium	mg/L		38.73	
II ~	P		6.5-8.5	7.6*	··-	·	Magnesium	mg/L		7.26	
H a	Color	Units	5	<u><5</u>	<u> </u>		Silica	mg/L		96	,
II	Turbidity	NTU	5	<5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
EI 3	Conductivity	u S/cm		314		31		mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
U !	Total Dissolved Solids	mg/L	500	224			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
II	Total Solids	mg/L	,,	316 [†]			Zinc	mg/L	5 @	<mdl< td=""><td>0.002</td></mdl<>	0.002
H	Chloride	mg/L	250	2		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		154		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		18		36	Chromium	mg/L	0.05	0.03	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	127		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	<mdl< td=""><td></td><td>43</td><td>DDT</td><td>μg/L</td><td>2</td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	" <mdl< td=""><td>0.02</td></mdl<>	0.02
]]						••	Heptachlor/Heptachlor		· · · · · · · · · · · · · · · · · · ·		
	Hydrogen Sulfide	mg/L	0.05		0.01	45	Epoxide	μg/L	0.03		0.01
	DO (DO%)	mg/L		2.0			Lindane	μg/L	2	<mdl td="" <=""><td>0.01</td></mdl>	0.01
22	COD	mg/L		0			Methoxychlor	μg/L	20	<mdl td="" <=""><td>0.02</td></mdl>	0.02
23	BOD	mg/L		5.0		48	Toxaphene	μg/L	<u> </u>	<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.21	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [©]	6.92						1	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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of source	Balanga pump Station #7				
2	Location 14° 40.967'	Doña Francesca Subd.				
[~	120° 40.967'	Balanga, Bataan				
3	Depth Borehole; meter	No Data				
4	Discharge Flowrate; liters/sec	No Data				
5	Date of Well Operation	No data				
6	Disinfection Gas Chlorinator	No data				
"	Unit Hypochlorinator	- No data				

	PARAMETERS	TINU	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>	TARAMETERO	0.111	Limit	TRATION	WIDE		TARAMETERS	01411	Limit	TRATION	WIDL
		ļ. <i>.</i>					<u>-</u>	L			
1	Odor		U	U*			Potassium	mg/L		2.66	}
. 2	Temperature	°C		28.1*			Calcium	mg/L		34.58	
3	<u>p</u> H	<u></u>	6.5-8.5	7.3*			Magnesium	mg/L		6.54	
EI	Color	Units	5	<5			Silica	mg/L		102	
5	Turbidity	NTU	5	<5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		282	l		Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	199			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		265		33	Zinc	mg/L	5 [@]	0.12	0.002
9	Chloride	mg/L	250	4		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		130		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		16		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 ®	113		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	3		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L	.,	<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L.</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L.	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L.	1	0.17		43	DDT	μg/L.	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L.	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
ľ ĺ							Heptachlor/Heptachlor				Í
IL I	Hydrogen Sulfide	mg/L	0.05	-	0.01	45		μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		4.0			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
51 1	COD	mg/L		<5			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		3.0			Toxaphene	μg/L	a	<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.05	0.05	49	Endosulfan I	μg/L		_ <mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 @	8.14						<mdl< td=""><td>0.02</td></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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- 3 Acidity value qualified
- No basis for determination

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

1	Name of sou	rce	Centro Uno Pump Station		
2	Location	N 14° 48.058'	Orani WD, Centro Uno,		
~	Location	E 120° 32.196'	Orani, Bataan		
3	Depth Boreho	ole; meter	134.15		
4	Discharge Flo	owrate; liters/sec	3		
5	Date of Well	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
Ľ	Unit;	Hypochlorinator	No data		

Г	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL	Ī	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
⊩		-	Limit	TRATION	-	╄		 	Limit	TRATION	
-	Odor	 	U	13*	 	120	Potassium		 	2.62	
-	Temperature	I ∘c		27.7*	 	27		mg/L		32.16	
2		"	6505		├		Calcium	mg/L			
3	pH Color	11-7-	6.5-8.5	7.3* <5	 		Magnesium	mg/L		5.02	
4		Units	5		<u> </u>		Silica	mg/L	<u> </u>	102	
5		NTU	5	<5	 	1	Total Iron	mg/L	1 - 1	<mdl< td=""><td>0.001</td></mdl<>	0.001
<u> </u>	Conductivity	uS/cm		254	 		Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
	Total Dissolved Solids	mg/L	500	210	ļ	—	Aluminum	mg/L_	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Total Solids	mg/L		217	ļ		Zinc	mg/L	5 @		0.002
<u>'—</u>	Chloride	mg/L	250	11		-	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Total Alkalinity	mg/L		124			Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		16		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 ®	101	{	37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	1.65 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.25		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	_	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		2.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0	_ :	47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		5.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.08	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	4.76			11				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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ⁸ Acidity value qualified
- No basis for determination

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

1	Name of sour	ce	Maria Fe Pumping Station				
2	Location	14° 47.468'	Maria Fe, Orani, Bataan				
-	Location	120° 32.250'					
3	Depth Boreho	ole; meter	228.66				
4	Discharge Flo	wrate; liters/sec	44				
5	Date of Well (Operation	No data				
6	Disinfection	Gas Chlorinator	No data				
L	Unit	Hypochlorinator	140 data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
			,								
1	Odor		U	U*		26	Potassium	mg/L		3.06	
2	Temperature	°C		27.9*		27	Calcium	mg/L		18.34	•
3	pН]	6.5-8.5	7.4*		28	Magnesium	mg/L		4.7]
4	Color	Units	5	<5			Silica	mg/L		101	
5	Turbidity	NTU		<5	<u> </u>		Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		270		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	224 +		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		224 +]	33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	2		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		134		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		18		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	65	_	37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	6		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td></td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1		Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001		Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.19		43	DDT	μg/L	2	<mdl< td=""><td>0.01.</td></mdl<>	0.01.
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	- -	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		<5		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2.0		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	7.92			11		<u> </u>	<mdl< td=""><td>0.02</td></mdl<>	0.02

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

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

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	ırce	Milagrosa Pump Station				
2	Location	N 14° 27.129'	Mariveles WD, Balon Anito,				
-	Location	E 120° 27.997'	Mariveles, Bataan				
3	Depth Borel	nole; meter	152.44				
4	Discharge F	lowrate; liters/sec	No data				
5	Date of Well	Operation	No data				
6	Disinfection	Gas Chlorinator	No data				
	Unit;	Hypochlorinator	No data				

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>	TANAMETERO	01111	Limit	TRATION	1416		FARAMETERS	ONII	Limit	TRATION	INIDL
									· .·		
1	Odor		<u>-</u> <u>-</u>	No Data*		-1	Potassium	mg/L		3.18	. .
11	Temperature	°C .		29.1*			Calcium	mg/L		21.8	
	pH		6.5-8.5	7.2*	ļ <u></u>		Magnesium	mg/L		6.86	
) - I	Color	Units	5	<u><5</u>		1	Silica	mg/L	 	104	
Į) – j	Turbidity	NTU	5	<5	ļ <u>.</u>		Total Iron	mg/L	11.	<mdl< td=""><td>0.001</td></mdl<>	0.001
91. 3	Conductivity	u S/cm		280			Total Manganese	mg/L	0.5	0.05	0.006
7	Total Dissolved Solids	mg/L	_500	211	- ·- 		Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
II 1	Total Solids	mg/L		251		33	Zinc	mg/L	5 [@]	0.02	0.002
9	Chloride	mg/L	250	5		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		127		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		18		36	Chromium	mg/L	0.05	0.02	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	83		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	8		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
[17]	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.21		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
							Heptachlor/Heptachlor				
	Hydrogen Sulfide	mg/L	0.05		0.01	45	Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L_		3.0			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		0			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
1	BOD	mg/L		4.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
	Surfactant	mg/L		0.11	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	4.7			11				0.02

* On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

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

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- 3 Acidity value qualified
- No basis for determination

1	Name of WD	Morong City
2	Date of Analysis	June 2003
3	Area number	2 - Region 3
4	Province	Bataan

1	Name of sou	rce	Morong Pump Station #2				
2	Location	N 14° 40.911'	Morong City WD, Binaritan				
~	Location	E 120° 16.440'	Morong, Bataan				
3	Depth Boreho	ole; meter	No data				
4	Discharge Flo	owrate; liters/sec	No data				
5	Date of Well	Operation	No data				
6	Disinfection	Gas Chlorinator	No data				
L	Unit;	Hypochlorinator	TVO data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
		+	Littilk	TRATION		-			Lillit	TRATION	
4	Odor		11	Objectionable*		26	Potassium	mg/L		1.59	-
	Temperature	l ∘c l		30.1*		27	Calcium	mg/L	i	38.81	-
	pH		6.5-8.5	6.9*		1	Magnesium	mg/L		7.62	
II	Color	Units	5				Silica	mg/L		96	
II	Turbidity	NTU	5	6		1	Total Iron	mg/L	1	0.62	ö.öo1
II-	Conductivity	u S/cm		614		1	Total Manganese	mg/L	0.5	0.33	0.006
ll-	Total Dissolved Solids	mg/L	500	264 ²			Aluminum	mg/L	0.2	<u></u>	0.01
ll⊦ ∙			300	300		1	Zinc		5 @		0.002
II	Total Solids	mg/L	250	7		L		mg/L		- SMDL - MDL	0.002
	Chloride	mg/L	250	170			Copper Arsenic	mg/L	0.01	<mdl td="" <=""><td>0.001</td></mdl>	0.001
	Total Alkalinity	mg/L		170			Chromium	mg/L	0.01	<mdl< td=""><td>0.003</td></mdl<>	0.003
	Acidity	mg/L	300 @					mg/L			
	Hardness (as CaCO ₃)	mg/L		128			Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
	Sulfate	mg/L	250	0			Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td></td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1		Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
н	Nitrite	mg/L	3	0	0.001		Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
I	Nitrate	mg/L	50	0	0.001		Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td></td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20		Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Fluoride	mg/L	1	0.21			DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L.	0.07	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.78 ¹	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		2.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L	· · · · · · · · · · · · · · · · · · · 	0			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		0.9		í-—	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.08	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	6.49			l]				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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	rce	Palihan Pump Station			
2	Location	14° 50.691′	Palihan, Hermosa, Bataan			
	Location	120° 27.980'				
3	Depth Boreh	ole; meter	No Data			
4	Discharge Fl	owrate; liters/sec	25			
5	Date of Well	Operation	No data			
6	Disinfection Gas Chlorinator		No data			
	Unit	Hypochlorinator	110 data			

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>	· · · · · · · · · · · · · · · · · · ·	 	Limit	TRATION				 	Limit	TRATION	
1	l. Odor					26	Potassium	mg/L		1.22	
2	Temperature	·c ·		27*			Calcium	mg/L	<u>}</u>	35.96	
3	nH	-	6.5-8.5	7.2*		.1	Magnesium	mg/L		6.06	
	Color	Units	5	<u></u>				mg/L		102	
ή	Turbidity	NTU	5	<5		30		mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		282		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	240		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		250		33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	3		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		144		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		16		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	115		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	3		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001		Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td></td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20		Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.14			DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td>_<mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	_ <mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	_	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		4.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		. 16.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		5.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.13	0.05	49	Endosulfan Î	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 @	6.37			11			<mdl< td=""><td>0.02</td></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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	irce	Pambuco Pump Station				
2	Location	N 14° 27.607'	Mariveles WD, Cabcaben,				
_	Location	E 120° 35.278′	Mariveles, Bataan				
3	Depth Borel	ole; meter	152.44				
4	Discharge F	lowrate; liters/sec	No data				
5	Date of Well	Operation	No data				
6	Disinfection Gas Chlorinator		No data				
L.	Unit;	Hypochlorinator	- No data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	TINU	PNSDW	CONCEN- TRATION	MDL
┢	-					 		-		HOTHON	
1	Odor	1	Ū	No Data*		26	Potassium	mg/L		1.26	+
2	Temperature	- °C	,,	27.6*		27	Calcium	mg/L		30.44	
3	рН		6.5-8.5	7.8*	ļ	28	Magnesium	mg/L		5.66	1
4	Color	Units	5	<5		29	Silica	mg/L		100	ľ
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		284		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	260		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		262			Zinc	mg/L	5 @	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	5		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		134		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
14	Acidity	mg/L		16		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	99		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
II	Nitrite ,	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
11	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
11	Fluoride	mg/L	1	0.12		L	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrin	μg/L	0.2	_ <mdl< td=""><td>0.02</td></mdl<>	0.02
20,	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		3.0		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.17	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	5.2			<u>lf</u>			<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sour	ce	Cambaog Pumping Station			
2	Location	14° 55.881'	Cambaog, Bustos, Bulacan			
	Location	120° 53.691'				
3	Depth Boreho	ole; meter	59			
4	Discharge Flo	wrate; liters/sec	35			
5	Date of Well	Operation	No data			
6	Disinfection	Gas Chlorinator	- No data			
	Unit	Hypochlorinator	- No data			

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
			Liiii	TRATION	 				LIMIT	IRATION	
1	Odor		T.	U*	ļ	26	Potassium	mg/L		0.72	
2	Temperature	°C		19,4	··································		Calcium	mg/L		29.14	
3	pH	1	6.5-8.5	6.91	[,	Magnesium	mg/L	ļ	7.34	ŀ
4	Color	Units	5	<5			Silica	mg/L		65	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		323		31	Total Manganese	mg/L	0.5	0.69	0.006
7	Total Dissolved Solids	mg/L	500	226		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		232		33	Zinc	mg/L	5 ®	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	7		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		100		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		18		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	103		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	2		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L.		5	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.01 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td></td><td></td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20			μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	<mdl< td=""><td></td><td>43</td><td>DDT</td><td>μg/L</td><td>2</td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%) ·	mg/L		2.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		<5		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		<1		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.19	0.05	49	Endosulfan l	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	4.18			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

- On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	rce	Caniogan Pump Station			
2	Location	14° 54.453'	Caniogan, Calumpit, Bulacan			
II	Location	120° 46.349'				
3	Depth Boreho	ole; meter	197			
4	Discharge Flo	owrate; liters/sec	19.6			
5	Date of Well	Operation	No data			
6	Disinfection	Gas Chlorinator	No data			
<u> </u>	Unit	Hypochlorinator	No data			

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
		 	Limit	TRATION	ļ	<u> </u>			Limit	TRATION	11111
	27				ļ	<u> </u>					
1	Odor	°C	U	U*			Potassium	mg/L		10.36	
2	Temperature	l °C		30.5*			Calcium	mg/L		9.46	<u>[</u>
3	D'	ļl	6.5-8.5	<u>7.7*</u>	ļ		Magnesium	mg/L		2.56	
4	Color	Units		<u><5</u>	[J. n	Sílica	mg/L		72	f .
, 2	Turbidity	NTU	5	<u> </u>			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		756			Total Manganese	mg/L	0.5	0.1	0.006
7	Total Dissolved Solids	mg/L	500	402		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Total Solids	mg/L		418		33	Zinc	mg/L	5 @		0.002
1 1	Chloride	mg/L	250	142		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L	,	110		F	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		8		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	34		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	10		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		7	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.02 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.21		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Uludan san Oulfida		0.05		0.01	45	Heptachlor/Heptachlor	ua/l	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Hydrogen Sulfide	mg/L		3.0	0.01		Epoxide Lindane	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L			ļ	J	<u> </u>	μg/L		≺MDL	0.01
1	COD	mg/L		40.0		I	Methoxychlor	μg/L	20		
	BOD	mg/L		4.0		1	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
I — '.	Surfactant	mg/L.		0.09	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	111.74		L	<u> </u>	l	<u> </u>	<u> </u>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	rce	Caniogan Pump Station				
2	Location	14° 50.916'	Caniogan, Malolos Bulacan				
_	Eocation	120° 49.132'	-				
3	Depth Boreho	ole; meter	98				
4	Discharge Flo	owrate; liters/sec	6.4				
5	Date of Well	Operation	No data				
6	Disinfection	Gas Chlorinator	No data				
l	U <u>nit</u>	Hypochlorinator	No data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
\prod											
1	Odor		U	∪*		26	Potassium	mg/L		8.06	
	Temperature	°C		29.1*		27	Calcium	mg/L		24.62	
3	рH		6.5-8,5	7.5*			Magnesium	mg/L		4.96	
4	Color	Units	5	<5	<u></u>		Silica	mg/L		71	
5	Turbidity	NTU	5	<5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	u S/cm		884		31	Total Manganese	mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	431 [†]] .	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		482		33	Zinc	mg/L	5@	0.06	0.002
9	Chloride	mg/L	250	212		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		118		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		6		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 @	82		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	6		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.01	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.96 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		0.83	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Fluoride	mg/L	1	0.21		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	_	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		3.0	_ 	46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		21.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L	· ·	<1			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
	Surfactant	mg/L		0.09	0.05	49	Endosulfan l	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
- 4	Sodium	mg/L	200 [@]	32.96			ıı ıı			<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- 3 Acidity value qualified
- No basis for determination

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

1	Name of soul	ce	Constantino P.S. #2				
2	Location	14° 45.565'	Marilao WD, Poblacio 2, Marilao				
	Location	120° 56.481'	Bulacan				
3	Depth Boreho	ole; meter	212				
4	Discharge Flo	owrate; liters/sec	13				
5	Date of Well	Operation	No data				
6	Disinfection	Gas Chlorinator	- No data				
0	Unit	Hypochlorinator	No data				

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	Ī	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>	77117111212110		Limit	TRATION			TANAMETERS	0.417	Limit	TRATION	MIDE
		ļ [ļ						
1	Odor		U	U*			Potassium	mg/L		1.54	
2	Temperature	°C		30*			Calcium	mg/L		1.16	
3	[pH		6.5-8.5	8.7*			Magnesium	mg/L		0.01	
4	Color	Units	5	5			Silica	mg/L		26	
5	Turbidity	NTU		<5	ļ		Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		411		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	232 [†]		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		348 *		33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	35		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		78		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L	_	0 3		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 @	4		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
-	Nitrite	mg/L	3	0.03 ¹	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001		Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	1		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
							Heptachlor/Heptachlor			<mdl< td=""><td></td></mdl<>	
	Hydrogen Sulfide	mg/L	0.05		0.01	45	Epoxide	μg/L	0.03		0.01
	DO (DO%)	mg/L		3.0			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		24.0			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
1	BOD	mg/L		1.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	47.7	L		<u> </u>	L	<u> </u>	<mdl< td=""><td>0.02</td></mdl<>	0.02

- On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sour	се	Danga Pumping Station				
2	Location	14° 55.746'	Danga, Calumpit, Bulacan				
-	Location	120° 45.008′					
3	Depth Boreho	ole; meter	181				
4	Discharge Flo	wrate; liters/sec	30				
5	Date of Well (Operation	No data				
6	Disinfection	Gas Chlorinator	No data				
ــــــــا	Unit	Hypochlorinator	TVO data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
		<u> </u>									
[i	Odor		U	U*	<u> </u>		Potassium	mg/L		6.14	
2	Temperature	°C		30.5*		27	Calcium	mg/L		1.75	
l 4	р Н	<u>.</u>	6.5-8.5	7.8*			Magnesium	mg/L		0.36	
1 -	Color	Units	5	<5			Silica	mg/L		88	
L al	Turbidity	NTU	5	<5	 		Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
b 1	Conductivity	u S/cm		279		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	224 +		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		244	-	33	Zinc	mg/L	5 @	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	8		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		84]	35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		6		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [®]	6		37	Cadmium	mg/L.	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	14		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		8	0.1		Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.17 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Fluoride	mg/L	1	0.33		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
أممأ	Out of the second		0.05		0.04	A 65	Heptachlor/Heptachlor	//	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Hydrogen Sulfide	mg/L	0.05		0.01	45	Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		2.0			Lindane	μg/L	<u>2</u>	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		48.0			Methoxychlor	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		4.0			Toxaphene	μg/L			0.02
	Surfactant	mg/L		0.08	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td></td></mdl<>	
25	Sodium	mg/L	200 [@]	55.34					<u>.</u>	<mdl< td=""><td>0.02</td></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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	rce	Donacion Pumping Station				
2	Location	14° 56.784'	Donacion, Angat, Bulacan				
-	Location	120° 58.708'	-				
3	Depth Boreh	ole; meter	No Data				
4	Discharge Flo	owrate; liters/sec	No Data				
5	Date of Well	Operation	No data				
6	Disinfection	Gas Chlorinator	- No data				
	Unit	Hypochlorinator	,40 data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
4	Odor		· · · · · · · · · · · · · · · · · · ·	U*		26	Potassium	mall		1.49	
	Temperature	°c	· · · · ·	 28.7*			Calcium	mg/L		55.64	
.	pH	\(\ _	6.5-8.5	7.5*			Magnesium	mg/L ma/L		9.14	
. 1	µ⊓ Color	Units	5.5-6.5	<u>7.5</u> 			Silica	mg/L	· • · · · - · · -	50	
	Turbidity	NTU	5	<u>\</u> <5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
. 1	Conductivity	u S/cm		379	<u></u>	31	Total Manganese	mg/L	0.5	0.22	0.006
	Total Dissolved Solids	mg/L	500	255			Aluminum	mg/L	0.3	<mdl< td=""><td>0.000</td></mdl<>	0.000
		+	300	270			Zinc		5 [@]		0.002
- 1	Total Solids Chloride	mg/L	250	14				mg/L	3 -	<mdl< td=""><td>0.002</td></mdl<>	0.002
- 1		mg/L	290	111			Copper Arsenic	mg/L mg/L	0.01	\MDL	0.001
	Total Alkalinity	mg/L		24			Chromium		0.01	0.03	0.003
	Acidity	mg/L	300 @				Cadmium	mg/L	0.003	0.03 <mdl< td=""><td>0.003</td></mdl<>	0.003
- 1	Hardness (as CaCO ₃)	mg/L	l	177				mg/L			
	Sulfate	mg/L	250	13			Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td></td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1		Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001		Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.87 1	0.001		Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L	:	<mdl< td=""><td>0.20</td><td>i</td><td>Chlordane</td><td>μg/L.</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	i	Chlordane	μg/L.	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.29			DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		2.0		46	Lindane	μg/L	2	· · <mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		20.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L	······································	2.0		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
	Surfactant	mg/L		0.12	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
- 4	Sodium	mg/L	200 [@]	4.71			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

On Site Analysis (CEST Inc.)

U Unobjectionable Odor, O = Objectionable Odor

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

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	rce	Felix A. Ople Pumping Station			
2	Location	14° 52.673′	Bautista Park, Iba, Hagonoy, Bulacan			
۷	Location	120° 45.689'				
3	Depth Boreho	ole; meter	152			
4	Discharge Flo	owrate; liters/sec	47			
5	Date of Well	Operation	No data			
6	Disinfection Gas Chlorinator		No data			
	Unit Hypochlorinator		No data			

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW	CONCEN- TRATION	MDL
├──		 	In 11111	HAHOR	 	-			Lanc	TRATION	
1	Odor	1	<u> </u>	U*	 	26	Potassium	mg/L	A	14.74	
2	Temperature	°C	- · · · · · · · · · · · · · · · · · · ·	31.1*	 		Calcium	mg/L		14.94	
3			6.5-8.5	7.4*	J	28	Magnesium	mg/L		2.54	Ì
4	Color	Units	5	<5	- -		Silica	mg/L	(· · · · ·	84	
5	Turbidity	NTU	5]	<5		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		810		31	Total Manganese	mg/L	0.5	0.21	0.006
7	Total Dissolved Solids	mg/L	500	431		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		434		33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	192		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		110	[Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		9		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	48		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	2		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.48 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		0.62	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.21		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		3.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
L 4	COD	mg/L		22.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L]	2.0		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.07	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	31.44			ļļ.			<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- 3 Acidity value qualified
- No basis for determination

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

1	Name of sour	ce	Marungko Pumping Station				
2	Location	14° 57.070'	Marungko, Angat, Bulacan				
۲.	Location	120° 00.249'					
3	Depth Boreho	le; meter	No Data				
4	Discharge Flo	wrate; liters/sec	No Data				
5	Date of Well (Operation	No data				
6	Disinfection Gas Chlorinator		No data				
	Unit	Hypochlorinator	No data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
	**************************************									11111	
1	Odor		U	U*		26	Potassium	mg/L		0.56	·
2	Temperature	°C		29.2*			Calcium	mg/L		72.14	-
13.	pΗ		6.5-8.5	7*		28	Magnesium	mg/L		10.34	
II∙ -	Color	Units	5	<5			Silica	mg/L		49	
III	Turbidity	NTU	5	<5			Total Iron	mg/L.	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
(1	Conductivity	u S/cm		476			Total Manganese	mg/L	0.5	0	0.006
il i	Total Dissolved Solids	mg/L	500	325			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		366			Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
H.	Chloride	mg/L	250	24		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
11.	Total Alkalinity	mg/L		92		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
II. I	Acidity	mg/L		30		36	Chromium	mg/L	0.05	0.04	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	223		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Suifate	mg/L	250	59		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	26 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	<mdl< td=""><td></td><td>43</td><td>DDT</td><td>μg/L</td><td>2</td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		4.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22		mg/L		<5		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		0.9		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.06	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	4.44			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	rce	Fausta Subd. PS			
2	Location	14° 50.850'	Fausta Subd., Mabolo			
	Location	120° 49.132'	Malolos, Bulacan			
3	Depth Boreh	ole; meter	66			
4	Discharge Flo	owrate; liters/sec	5			
5	Date of Well	Operation	No data			
6	Disinfection Gas Chlorinator		No data			
	Unit	Hypochlorinator	ino data			

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
		 	Limit	TRATION	<u> </u>			-	Limit	TRATION	
1	Odor	 		U*	ļ <u></u>	26	Potassium	mg/L		8.31	
2	Temperature	1 °c 1	- · · · · · · · · · · · · · · · · · · ·	28.6*		27	Calcium	mg/L		76.78	-
3	рН	<u>-</u>	6.5-8.5	7.3*			Magnesium	mg/L		6.29	
	Color	Units	5.0 0.0				Silica	mg/L	 	43	ł
	Turbidity	NTU	5	<5		30	Total Iron	mg/L	<u></u>	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	u S/cm	····	1,432		31	Total Manganese	mg/L	0.5	0.06	0.006
	Total Dissolved Solids	mg/L	500	639 *		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
P 1	Total Solids	mg/L		826		33	Zinc	ma/L	5 ®	0.12	0.002
9	Chloride	mg/L	250	372		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		152		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		13		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L.	300 [®]	218		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	2		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	2.35 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl ;<="" td=""><td>0.02</td></mdl>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.11		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L.	0.05	-	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
I-	DO (DO%)	mg/L	· · · · · · · · · · · · · · · · · · ·	3.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
- 1-	COD	mg/L		<5		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		<1		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.11	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	38.48			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- ∪ Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- f Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sou	rce	Krus sa Wawa PS			
2	Location	14° 47.335'	Bambang, Bocaue, Bulacan			
~	Location	120° 55.691'	-			
3	Depth Boreh	ole; meter	162			
4	Discharge Flo	owrate; liters/sec	63			
5	Date of Well	Operation	No data			
6	Disinfection	Gas Chlorinator	No data			
	Unit	Hypochlorinator	- No data			

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	<u> </u>	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
	. ,	J	Limit	_TRATION		<u> </u>	TARAMETERS	Oitii	Limit	TRATION	IAIDE
ļ. ,.					<u> </u>						
1	Odor		<u>U</u>	U*			Potassium	mg/L		2.76	1
2	Temperature	°C		29.7*			Calcium	mg/L		9.33	{
3	,		6.5-8.5	8.3*	<u> </u>		Magnesium	mg/L	At the second to	0.37	į
4	Color	Units	5	<5			Silica	mg/L	<u> </u>	20	[
J	Turbidity	NTU	5	<5		L	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		954		31	Total Manganese	mg/L	0.5	0.03	0.006
7	Total Dissolved Solids	mg/L	500	388 ⁺		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		424	-	33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	199		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		91		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		3		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [®]	25		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	25		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		3	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.03 ¹	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aidrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.68		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	0.61		0.05		0.04	<u></u>	Heptachlor/Heptachlor	- 4	0.00	<mdl< td=""><td>0.04</td></mdl<>	0.04
	Hydrogen Sulfide	mg/L	0.05	0.02	0.01	45		μg/L	0.03		0.01
	DO (DO%)	mg/L		2.0			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		<5			Methoxychior	μg/L	20		0.02
	BOD	mg/L		0.9	0.05		Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
l " ,	Surfactant	mg/L		0.06	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	76.35	L	<u></u>	<u> </u>	<u>L</u>		<mdl< td=""><td>0.02</td></mdl<>	0.02

- On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sour	ce	Mapulang Lupa PS
2	Location	14° 52.695'	Mapulang Lupa, Pandi, Bulacan
	Location	120° 57.668′	
3	Depth Boreho	ole; meter	60
4	Discharge Flo	wrate; liters/sec	7
5	Date of Well (Operation	No data
6	Disinfection Gas Chlorinator		No data
	Unit	Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	Γ	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>		 	Limit	TRATION	-	<u> </u>			Limit	TRATION	(112
	0.4						<u> </u>		ļ	····	
1	Odor	ļ		U*			Potassium	mg/L		4.49	ł
1 4	Temperature	°C		29.5			Calcium	mg/L		31.66	
3			6.5-8.5	8.4			Magnesium	mg/L		7.9	i .
4	Color	Units	5	<5		1	Silica	mg/L	ļ	65	المصما
5	Turbidity	NTU		<5			Total Iron	mg/L		<mdl< td=""><td>0.001</td></mdl<>	0.001
Ь	Conductivity	uS/cm		416			Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	227 †			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		265	·		Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	2			Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		170		35	Arsenic	mg/L	0.01	<mdl !<="" td=""><td>0.01</td></mdl>	0.01
11	Acidity	mg/L		03		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	112		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	2		38	Selenium	mg/L	0.01	<mdl td="" <=""><td>0.001</td></mdl>	0.001
14	Phosphate	mg/L		4	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001		Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>. —</td><td>Chlordane</td><td>μg/L</td><td>0,2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	. —	Chlordane	μg/L	0,2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.28		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.05	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L.	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		4.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
. 4	COD	mg/L		<5	·	47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
. L	Surfactant	mg/L		0.06	0.05		Endosulfan I	µg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 @	11.5			11		<u></u>	<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sour	ce	Matictic Pumping Station				
2	Location	14° 54.619'	Maltictic, Norzagaray, Bulacan				
£-	Location	121° 3.179′					
3	Depth Boreho	ole; meter	No Data				
4	Discharge Flo	owrate; liters/sec	No Data				
5	Date of Well	Operation	No data				
6	Disinfection	Gas Chlorinator	No data				
	Unit	Hypochlorinator	- No data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1 .	Odor		U	U*	<u> </u>		Potassium	mg/L	Ĺ	1.08	
	Temperature	°C		28.7*	.		Calcium	mg/L	L	64	[
	рН		6.5-8.5	6.9*			Magnesium	mg/L		9.26	
H -1	Color	Units	5	<5		·	Silica	mg/L		41	
-	Turbidity	NTU	5	<5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm	.	429		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	305		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		390		33	Zinc	mg/L	5 @	0.04	0.002
9	Chloride	mg/L	250	27		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		89		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		31		36	Chromium	mg/L	0.05	0.03	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	198		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	17		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td>39</td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	. 50	17.39 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.12		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05		0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		3.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		16.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		<1		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		80.0	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	5.05			11			<mdl< td=""><td>0.02</td></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

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sour	ce	Paco 1 Pumping Station				
2	Location	14° 44.302′	Paco, Obando, Bulacan				
_	Location	120° 57.976'					
3	Depth Boreho	ole; meter	100				
4	Discharge Flo	wrate; liters/sec	6				
5	Date of Well (Operation	No data				
6	Disinfection	Gas Chlorinator	- No data				
	Unit	Hypochlorinator	- No data				

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>		J	Limit	TRATION		<u> </u>	TAKAMETER	Oltai	Limit	TRATION	WIDL
	 							ļ .			
1	Odor		U	U*			Potassium	mg/L		2.22	
2	Temperature	°C		32.6*		·l	Calcium	mg/L		2.13	
ļ. ,	pΗ	l	6.5-8.5	8.7*	 		Magnesium	mg/L		0.18	
	Color	Units		5			Silica	mg/L		19	<u>,</u>
	Turbidity	NTU		<5		1 1 1	Total Iron	mg/L	<u> </u>	<mdl< td=""><td>0.001</td></mdl<>	0.001
l	Conductivity	u S/cm		506			Total Manganese	mg/L	0.5	0.02	0.006
7	Total Dissolved Solids	mg/L	500	190 [†]		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		231			Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L.	250	58		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		92		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L	_	03		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 @	6		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L.	250	0		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		4	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.03 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.78		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.04	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		3.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		<5		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		<1			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
	Surfactant	mg/L	·· ···	0.07	0.05		Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
	Sodium	mg/L	200 @	52.31		 l	11			<mdl< td=""><td>0.02</td></mdl<>	0.02

- On Site Analysis (CEST Inc.)
- U Unobjectionable Odor. O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified
- No basis for determination

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

1	Name of sour	ce	Poblacion Pumping Station
2	Location	14° 54.257'	Poblacion, Norzagaray, Bulacan
-	Location	121° 2.583'	
3	Depth Boreho	le; meter	63
4	Discharge Flo	wrate; liters/sec	9
5	Date of Well (Operation	No data
6	Disinfection	Gas Chlorinator	No data
L	Unit	Hypochlorinator	··· No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
					ļ						
-	Odor		<u> </u>	U*			Potassium	mg/L		1.8	_
	Temperature	°C		30.6*			Calcium	mg/L		23.99	
	Hα		6.5-8.5	8.8*			Magnesium	mg/L		2.84	
L -	Color	Units	5	<5			Silica	mg/L		32	
	Turbidity	NTU	5	<5		30		mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	u S/cm		564	<u> </u>	31		mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	286		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		379	l	33	Zinc	mg/L	5 [@]	0.04	0.002
	Chloride	mg/L	250	89		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		108		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		0 3		36	Chromium	mg/L	0.05	0.02	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	72		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	10		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		<mdl< td=""><td>0.1</td><td></td><td>Lead</td><td>mg/L</td><td>0.01</td><td><mdl< td=""><td>0.005</td></mdl<></td></mdl<>	0.1		Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L.	50	0	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.39		43	TOD	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	<mdl< td=""><td>0.002</td><td>44</td><td>Endrin</td><td>μg/L</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05		0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		7.0	i	46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		24.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2.0		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td>49</td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	25.89						<mdl< td=""><td>0.02</td></mdl<>	0.02

- * On Site Analysis (CEST Inc.)
- U Unobjectionable Odor, O = Objectionable Odor
- + Re-examination result dated October 2003 (Intertek Laboratory)

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- 3 Acidity value qualified
- No basis for determination