1	Name of WD	Bacacay
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Albay

1	Name of sou	rce	Bacacay Pumping Station	
2	Location	13° 17' 19.7"	Magsaysay Ave., Bacacay	
	Location	123° 47' 7.1"	Albay	
3	Depth Boreho	ole; meter	48	
4	Discharge Flo	owrate; liters/sec	18	
5	Date of Well	Operation	No data	
6	Disinfection	Gas Chlorinator	No data	
U	Unit;	Hypochlorinator	- No data	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
					<u> </u>	╙			 		
1	Odor		υ	U*	ļ	+=-	Potassium	mg/L		7.16	
[2	Temperature	°C		26*	<u> </u>		Calcium	mg/L		53.52	<u> </u>
-	pH	<u> </u>	6.5-8.5	<u>8*</u>			Magnesium	mg/L		16.57	
4	Color	Units	5	5			Silica	mg/L	<u> </u>	117	<u> </u>
	Turbidity	NTU	5	7		30	Total Iron	mg/L	1	1.58	0.001
6	Conductivity	u S/cm		640		31		mg/L	0,5	0.18	0.006
7	Total Dissolved Solids	mg/L	500	429		32	Aluminum	mg/L	0.2	<mdl_< td=""><td>0,01</td></mdl_<>	0,01
8	Total Solids	mg/L		479	1		Zinc	mg/L	5 @	0.03	0.002
9	Chloride	mg/L	250	57		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		32		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L				36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	202		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	16		38	Seleníum	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	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.04 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L	1	0.42	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.66		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		2	_	46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		15			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		4			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 @	12.88]	- 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	Legaspi	
2	Date of Analysis	June 2003	
3	Area number	4 - Region 5	
4	Province	Legaspi City	

1	Name of sou	rce	Bogña Well No.2
2	Lagation	13° 11' 13"	Legaspi WD, Bogña, Legaspi Cit
2 Location		123° 43' 42.8"	
3	Depth Boreh	ole; meter	30
4	Discharge Fl	owrate; liters/sec	25
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
٦	Unit;	Hypochlorinator	110 data

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	-	PARAMETERS	UNIT	PNSDW		MDL
	1,71011112110		Limit	TRATION		ļ.,		0,1,1	Limit	TRATION	
<u> </u>				·		<u> </u>				<u> </u>	
1	Odor		U	0*			Potassium	mg/L		5.78	
		°C		27.8*			Calcium	mg/L		34.67	
	pН		6.5-8.5	6.8*			Magnesium	mg/L		5.14	
	Color	Units	5	10			Silica	mg/L		101.09	
	Turbidity	NTU	5	7			Total Iron	mg/L	1	2.92	0.001
6	Conductivity	u S/cm		397		31	Total Manganese	mg/L	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	219 +		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		290			Zinc	mg/L	5 [@]		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		18		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 [@]	108		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	40		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		3.14	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		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	0.33		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	0.35 ¹	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		12			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		<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 [@]	12.34			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	Daraga
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Albay

1	Name of sou	irce	Budiao Well No.2
2	Location	13° 10' 49.8"	Bgy. Budiao, Daraga, Albay
2 Location		123° 41' 26.9"	
3	Depth Boreh	ole; meter	25
4	Discharge Fl	owrate; liters/sec	21
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	Odor		U	U*			Potassium	mg/L		3:83	
2	1	°C_		25.7*		27	Calcium	mg/L		25.64	
3	рН	J	6.5-8.5	7.2*			Magnesium	mg/L		5.02	
	Color	Units	5	20		29	Silica	mg/L		92	
5	Turbidity	NTU	5	35		30	1	mg/L	1	3.65	0.001
	Conductivity	u S/cm		275		31	Total Manganese	mg/L	0.5	0.12	0.006
7	Total Dissolved Solids	mg/L	500	251		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		283			Zinc	mg/L	5 [@]	0.08	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		14		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 [@]	85		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	13		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	0.02 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.17 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		<0.2	0.20	42	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	0.003	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	0.01	0.01
	DO (DO%)	mg/L		1		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		<5			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		<1			Тохарнеле	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.04	0.05	49	Endosulfan I	μ g /L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	8.94			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	Camarines Norte
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Camarines Norte

1	Name of sou	irce	CNWD Well No.1
2	Location	14° 6' 6.4"	Bgy. Lagui Labo, Camarines No
-	Location	122° 48′ 21″	
3	Depth Boreh	ole; meter	50
4	Discharge Fl	owrate; liters/sec	36.11
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		ับ	U*		26	Potassium	mg/L		19.24	
2	Temperature	°C		25.8*		27	1	mg/L		5.13	
3	l'		6.5-8.5	7.3*			Magnesium	mg/L		2.4	
4	Color	Units	5	<5		29		mg/L		134	
5	Turbidity	NTU	_5	<5		30		mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		132		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	107		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		148		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		8		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 [@]	23		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	1		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		0	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	0.446		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
	DO (DO%)	mg/L		5		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		0.26	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	3.2			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	Camarines Norte
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Camarines Norte

1	Name of so	urce	CNWD Well No.4
2	Location 14° 6′ 7"		Bgy, Lagui Labo, Camarines No
2.	Location	122° 48' 14.7"	
3	Depth Borel	nole; meter	50
4	Discharge F	lowrate; liters/sec	50
5	Date of Wel	l Operation	No data
6	Disinfection Gas Chlorinator Unit; Hypochlorinator		No data
			- No data

ſ	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN- TRATION	MDL
 	 	-	Little	TRATION	 	╁		 	LIMIL	IKATION	
1	Odor	 	Ū.	IJ*	-	26	Potassium	mg/L		2.94	
2	Temperature	°C		25.8*			Calcium	mg/L	· · · · · · · · · · · · · · · · · · ·	5.23	
3	рН		6.5-8.5	7.3*		28	Magnesium	mg/L		2.7	
4	Color	Units	5,	<5		29	Silica	mg/L		133	
5	Turbidity	NTU	5	0.009		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		256 ²		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	164			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		160		33	Zinc	mg/L	5 [@]	0.009	0.002
9	Chloride	mg/L	250	4		34	Соррег	mg/L	1	0.01	0.001
10	Total Alkalinity	mg/L		8		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		11		36	Chromium	mg/L	0.05	0.006	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	24	-	37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	5		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		0	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	0.32 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	0.448		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	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		5		1	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		<5			Methoxychior	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
24	Surfactant	mg/L		0.27	0,05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	3.15		_	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	Pili
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Camarines Sur

1	Name of sou	ırce	PIWAD San Vicente PS		
2	Location	13° 33' 25.1"	Bgy. San Vicente, Pili,		
_	123° 16' 34.6"		Camarines Sur		
3	Depth Borel	iole; meter	140		
4	Discharge F	lowrate; liters/sec	20		
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		Ü			26	Potassium	mg/L		6.04	
2	Temperature	°C		30.7*			Calcium	mg/L		17.43	
3	pH		6.5-8.5	7.4*			Magnesium	mg/L		5.37	
4	Color	Units	5	<5		29	Silica	mg/L		105	
5		NTU	5	1.42		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		767		31	Total Manganese	mg/L	0.5	0.36	0.006
7	Total Dissolved Solids	mg/L	500	569		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		661			Zinc	mg/L	5 [@]	0.02	0.002
9	Chloride	mg/L	250	21		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		25			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 @	66		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	189		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	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	0.54		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		12		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		<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 [@]	9.08			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	Aroroy	
2	Date of Analysis	June 2003	
3	Area number	4 - Region 5	
4	Province	Masbate	

1	Name of so	urce	Filmenera Well No.1		
2	Logation	12° 28' 32.8"	Sta. Maria St., Poblacion,		
4	2 Location 123° 23' 44		Aroroy, Masbate		
3	Depth Borel	nole; meter	26		
4	Discharge F	lowrate; liters/sec	No data		
5	Date of Wel	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
O	Unit;	Hypochlorinator	THO GAIA		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U			26	Potassium	mg/L		2.33	
2	Temperature	°C		30.6*		27	·	mg/L	l	19.02	
3	pН	<u> </u>	6.5-8.5	7.1*	ł	28	Magnesium	mg/L		4.74	l
4	Color	Units	5	<5			Silica	mg/L		33	
5	<u> </u>	NTU	5	10		30	Total Iron	mg/L	1	1.16	0.001
6		uS/cm		262		31	Total Manganese	mg/L	0.5	0.69	0.006
7	Total Dissolved Solids	mg/L	500	158		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L	ĺ	251	1	33	Zinc	mg/L	5 [@]	0.02	0.002
9	Chloride	mg/L	250	5		34	Соррег	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		29		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 @	67		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	36		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		0	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	0.91 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></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	0	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Hydrogen Sulfide	mg/L	0.05	0.35 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			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		31			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		14		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 [@]	5.75			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	Ligao
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Ligao City

1	Name of so	игсе	LiCWD Pumping Station No.2
2	Location 13° 13' 57.4"		Bgy. Tuburan, Ligao City
2	Location	123° 33' 36.4"	
3	Depth Borel	nole; meter	119
4	Discharge F	lowrate; liters/sec	21
5	Date of Wel	l Operation	No data
6	Disinfection	Gas Chlorinator	No data
0	Unit;	Hypochlorinator	No data

Г	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>			Limit	TRATION		┞			Limit	TRATION	
<u> </u>	Oden						Data-dis-		[5.64	
H	Odor		U	U*		<u> </u>	Potassium	mg/L		5.94	
	Temperature	°C		27.5*			Calcium	mg/L		25.78	
	pH		6.5-8.5	7.8*			Magnesium	mg/L		4.31	
II	Color	Units	5	<5			Silica	mg/L		87	
	Turbidity	NTU	5	<5		30	1 - 1-1, 1, 4	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	u S/cm		270			Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	203		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		241		33	Zinc	mg/L	5 [@]	0.04	0.002
11	Chloride	mg/L	250	9		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		90		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		11		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	15		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		0	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	0.42		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
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			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L					Methoxychlor	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		4			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
!	Surfactant	mg/L		<mdl< td=""><td>0.05</td><td></td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05		Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
<u> </u>	Sodium	mg/L	200 [@]	7.68		-	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	Legaspi
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Legaspi City

1	Name of so	ırce	Mabinit Well No.1
2	Location 13° 10' 56.1"		Legaspi WD, Mabinit, Legaspi C
	Location	123° 43' 1.9"	
3	Depth Borel	nole; meter	30
4	Discharge F	lowrate; liters/sec	28
5	Date of Wel	Operation	No data
6	Disinfection Gas Chlorinator		No data
	Unit;	Hypochlorinator	140 data

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>		<u> </u>	Limit	TRATION		<u> </u>			Limit	TRATION	ļ <u>,</u>
<u> </u>		ļ					<u></u>	<u> </u>			
1	Odor		U	0*		26		mg/L	ļ	5.12	ļ <u>.</u> .
2	Temperature	°C		28.6*		27	Calcium	mg/L		70.24	.
3	рН	<u> </u>	6.5-8.5	7*			Magnesium	mg/L	ļ	8.94	.
4	Color	Units	5	10		29		mg/L		84	<u> </u>
5		NTU	5	8	<u> </u>		Total Iron	mg/L	1	1.45	0.001
6	Conductivity	u S/cm		780		31	Total Manganese	mg/L	0.5	0.07	0.006
7	Total Dissolved Solids	mg/L	500	454		32	Aluminum	mg/L	0,2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L	_	604			Zinc	mg/L	5 [@]	0.08	0.002
9	Chloride	mg/L	250	30		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		17		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 [@]	212		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	217		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	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
18	Fluoride	mg/L	1	0.39		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	0.35 ¹	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		<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		<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 [@]	25.82			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	Matnog
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Sorsogon

1	Name of source		MWD Pumping Station #2
2	Location	12° 35' 6.1"	Brgy. Caloocan
	Location	124° 4' 54.5"	Matnog, Sorsogon
3	Depth Boreho	ole; meter	60
4	Discharge Flo	owrate; liters/sec	3
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
٥	Unit	Hypochlorinator	- ino data

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
}-			Limit	TRATION		 -			Limit	TRATION	ļ
1	Odor	 	U	11*		26	Potassium	mall		3.12	
$-\frac{1}{2}$		°C		29.7*			Calcium	mg/L			
<u> </u>	Temperature		C E O E	7.1*				mg/L		19.82	
3		l lmit-	6.5-8.5				Magnesium	mg/L	<u> </u>	5.02	ļ
4	Color	Units	5	<5	<u> </u>	<u> </u>	J - · · · ·	mg/L	ļ	24	0.004
5	Turbidity	NTU	5	<5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
<u> 6</u>	Conductivity	u S/cm		319		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
	Total Dissolved Solids	mg/L	500	208		_	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	(4)	mg/L		289	İ		Zinc	mg/L	5 [@]	0.26	0.002
9	Chloride	mg/L	250	16			Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		58		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L	-	22		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 @	70		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		3	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		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
	Hydrogen Sulfide	mg/L	0.05	<u> </u>	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		<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	-	<mdl< td=""><td>0.05</td><td></td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05		Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
	Sodium	mg/L	200 [@]	10.02			ll ll			<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	Matnog
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Sorsogon

1	Name of sou	ırce	MWD Pumping Station No.4
2	Location 12° 34' 58.3"		Bgy. Caloocan
	Location	124° 5 ' 2.7"	Matnog, Sorsogon
3	Depth Boreh	nole; meter	43
4	Discharge F	lowrate; liters/sec	3
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
V	Unit;	Hypochlorinator	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL	T	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL.
-			LIJIIIL	TRATION	 	┿-		 		TRATION	-
1	Odor	-	U			26	Potassium	mg/L	 	4.74	
2	Temperature	°C		31.2*		27		mg/L	† · · - · - · ·	51.74	
3	рН		6.5-8.5	7.6*		28	Magnesium	mg/L		7.94	
	Color	Units	5				Silica	mg/L		96	
5	Turbidity	NTU	5	<5		30	Total Iron .	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	u S/cm		495		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	366		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		372		33	Zinc	mg/L	5 [@]	0.21	0.002
_	Chloride	mg/L	250	17		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		104		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		30		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	162		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	7		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		0	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	0.6		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
	DO (DO%)	mg/L		6		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		<5			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
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 [@]	13.32			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	Gubat
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Sorsogon

1	Name of sou	ırce	Paco Pumping Station No. 2
2	Location	12° 58' 26.3"	Gubat WD, Paco
2	Location	124° 8' 4.4"	Gubat, Sorsogon
3	Depth Boreh	ole; meter	30
4	Discharge Fl	owrate; liters/sec	1.6
5	Date of Well	Operation	No data
6	Disinfection Gas Chlorinator		No data
J	Unit;	Hypochlorinator	TNO data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN-	MDL
┝╌		 	LIBIL	TRATION		-			LITTIL	TRATION	
<u> </u>	Odor		U	1.1*		26	Potassium	mg/L		2.81	
2	Temperature	°c ∣		28.1*			Calcium	mg/L		155	
3		- -	6.5-8.5	7.3*		1	Magnesium	mg/L		2.9	
II	Color	Units	5	<5			Silica	mg/L		44	
5	Turbidity	NTU	5	<5			Total Iron	mg/L	1	0.68	0,001
6	Conductivity	uS/cm		746		31	Total Manganese	mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	248 +		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		408		33	Zinc	mg/L	5 [@]	0.19	0.002
9	Chloride	mg/L	250	16		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	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		41		36	Chromium	mg/L	0.05	0.02	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	399		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	1		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	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		0.48	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.32		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	0.01	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		<5		47	Methoxychior	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		<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 [@]	4.9		Ę	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

$\sqrt{1}$	Name of WD	Pili
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Camarines Sur

1	Name of so	ırce	PIWAD DA Pumping Station		
2	ILocation 1		Bgy. San Agustin, Pili,		
2			Camarines Sur		
3	Depth Borel	nole; meter	160		
4	Discharge F	lowrate; liters/sec	25		
5	Date of Well	Operation	No data		
6	Disinfection Gas Chlorinator		No data		
U	Unit;	Hypochlorinator	- No data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
						\Box					
1	Odor		U	0*	<u> </u>		Potassium	mg/L		12.79	
2		°C		32.4*			Calcium	mg/L		111.9	
3	11.	<u> </u>	6.5-8.5	7.2*			Magnesium	mg/L		12.86	
4		Units	5	<5			Silica	mg/L		104	ĹI
5	Turbidity	NTU	5	1.66		30	Total Iron	mg/L	1	0.38	0.001
6	Conductivity	u S/cm		828 ²		31	Total Manganese	mg/L_	0.5	0.46	0.006
7	Total Dissolved Solids	mg/L	500	530 ²	[32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		1,335	_	33	Zinc	mg/L	5 [@]	0.03	0.002
9	Chloride	mg/L	250	60		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		48		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		38		36	Chromium	mg/L	0.05	0.02	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	332		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	159		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		16	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	0.47		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	0.35 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		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		8		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		0.05	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	29.64			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	Paracale
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Camarines Norte

1	Name of sou	rce	Tugos Pumping Station		
2	ILOCAUDII		Tugos, Paracale		
			Camarines Norte		
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 Unit: Hypochlorinator		No data		
O			- No data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U	U*	1	26	Potassium	mg/L		<mdl< td=""><td>1.0</td></mdl<>	1.0
2	Temperature	°C		25	0.10		Calcium	mg/L		2.5	0.3
3	pH		6.5-8.5	5,99	0.10	28	Magnesium	mg/L		2.1	0.3
4	0 0 10 1	Units	5	2	4		Silica	mg/L		15	0.10
$\overline{}$	Turbidity	NTU	5	0.26	0.10		Total Iron	mg/L	1	0.2	_0.09
	Conductivity	u S/cm		90	0.10		Total Manganese	mg/L	0,5	80.0	0.06
7	Total Dissolved Solids	mg/L	500	63	4.0	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.50</td></mdl<>	0.50
8	Total Solids	mg/L		70	4.0	33	Zinc	mg/L	5 [@]	0.03	0.03
	Chloride	mg/L	250	13	0.20	34	Copper	mg/L	1	<mdl< td=""><td>0.02</td></mdl<>	0.02
10	Total Alkalinity	mg/L		9.2	1.0	35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.5</td></mdl<>	0.5
11	Acidity	mg/L		21	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 [@]	15	0.20	37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.02</td></mdl<>	0.02
13	Sulfate	mg/L	250	4.3	0.40	38	Selenium	mg/L	0.01	0.005	0.005
14	Phosphate	mg/L		2	0.02		Lead	mg/L	0.01	<mdl< td=""><td>0.06</td></mdl<>	0.06
15	Nitrite	mg/L	3	0	0.006	40	Mercury	mg/L	0.001	0.16	0.10
16	Nitrate	mg/L	50	0.65 1	0.02	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
17	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
	Fluoride	mg/L	1	0.02	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
	Hydrogen Sulfide	mg/L	0.05	0	0.05	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		2.9	2.0	46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		31	5.0	47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		5.2	2.0	48	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 [@]	7.6	1.0		H			<mdl< td=""><td>0.03</td></mdl<>	0.03

* 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	Daraga
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Albay

Г	1	Name of sou	irce	Salvacion Pumping Station		
	2	Location	13° 10' 53.4"	Sta. Maria St., San Roque,		
	<i>2</i> .	Location	123° 40' 29.1"	Daraga, Albay		
	3	Depth Borehole; meter		125		
	4	Discharge Fl	lowrate; liters/sec	12		
	5	Date of Well	Operation	No data		
	6	Disinfection	Gas Chlorinator	No data		
	Unit;		Hypochlorinator	140 date		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
L											
1	Odor	ļ	U	O*			Potassium	mg/L		2.61	
2	Temperature	°C		26.7*		27	1	mg/L		36.36	
3	la		6.5-8.5	7*			Magnesium	mg/L		5.06	
4	30101	Units	5	<5			Silica	mg/L		103	ļ
5	[, 4 <u></u>	NTU	5	<5		30		mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6		uS/cm		262			Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	220		32	Aluminum	mg/L	0.2	<mďl< td=""><td>0.01</td></mďl<>	0.01
8	Total Solids	mg/L		311		33	Zinc	mg/L	5 [@]	0.08	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		16		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 [@]	109		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	9		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	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
18	Fluoride	mg/L	1	0.34		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	0.43 ¹	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		1		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		<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 [@]	8.86			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	Bato	
2	Date of Analysis	June 2003	
3	Area number	4 - Region 5	
4	Province	Camarines Sur	

1	Name of sour	ce	San Vicente PS #1
2	Location	13° 21' 44.8"	Brgy. San Vicente
-	123° 22' 12.7"		Bato, Camarines Sur
3	Depth Boreho	ole; meter	35
4	Discharge Flo	owrate; liters/sec	17
5	Date of Well (Operation	No data
6	Disinfection Gas Chlorinator Unit Hypochlorinator		- No data
			- No data

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
			Limit	TRATION		├	·····	 	Limit	TRATION	
1	Odor		U	U*		26	Potassium	mg/L		8.4	
	Temperature	°C		30.9*	<u> </u>	27	Calcium		<u> </u>	23.85	
2	pH	-	6.5-8.5	7.3*		28		mg/L		7.54	ļ
	Color	Units	5.5-0.5	<u>7.3</u> <5		1	Magnesium Silica	mg/L		7.04	[
	Turbidity	NTU	5	<u><</u> 5			Total Iron	mg/L mg/L	4	0.26	0.001
	Conductivity	u S/cm		506		31	Total Manganese	mg/L	0.5	0.20	0.006
7		 	500				· · · · · · · · · · · · · · · · · · ·		 		l
- /	Total Dissolved Solids	mg/L	500	164 +			Aluminum	mg/L	0.2	<mdl_< td=""><td>0.01</td></mdl_<>	0.01
	Total Solids	mg/L		258 +			Zinc	mg/L	5 [@]	0.04	0.002
- 1		mg/L	250	12			Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Total Alkalinity	mg/L		32			Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		22		36	Chromium	mg/L	0.05	0.009	0.003
12	Hardness (as CaCO₃)	mg/L	300 [@]	90.6		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	0.82		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		1.02	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.3 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	0.59		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
	Hydrogen Sulfide	mg/L	0.05	_	0.01	45	Heptachlor/Heptachlor Epoxide	μ g /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		23.0		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		<mdl< td=""><td>0.05</td><td></td><td>Endosulfan I</td><td>μg/L</td><td></td><td><mdl< td=""><td>0.01</td></mdl<></td></mdl<>	0.05		Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	18.31						<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	Bato
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Camarines Sur

1	Name of sou	ırce	San Vicente Pumping Station No.2		
2	Location 13° 21' 29.9" 123° 22' 13.3"		Bgy.San Vicente, Camarines Su		
2					
3	Depth Boreh	ole; meter	40		
4	Discharge F	lowrate; liters/sec	14-17		
5	Date of Well	Operation	No data		
6	6 Disinfection Gas Chlorinat Unit: Hypochlorinat		- No data		
			110 08(8		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL.		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
						1				:	
1	Odor		U	0*		26	Potassium	mg/L		9.46	
2	Temperature	°C		29.5*		27	Calcium	mg/L		71.18	
3	рН		6.5-8.5	7.2*		28	Magnesium	mg/L		7.69	
4	Color	Units	5	<5		29	Silica	mg/L		76	
5	Turbidity	NTU	5	4		30	Total Iron	mg/L	1	0.76	0.001
6	Conductivity	u S/cm		475		31	Total Manganese	mg/L	0.5	0.28	0.006
7	Total Dissolved Solids	mg/L	500	290		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		320		33	Zinc	mg/L	5 [@]	0.06	0.002
9	Chloride	mg/L	250	9		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		29		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 [@]	209		37	Cadmium	mg/L	0,003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	4		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	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	Ó	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	0.61		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	0.35 ¹	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01_</td></mdl<>	0.01_
	DO (DO%)	mg/L		1		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		0.12	0.05	49	Endosulfan I	μg/L_		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	15.18			- 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

- ^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	Nabua	
2	Date of Analysis	June 2003	
3	Area number	4 - Region 5	
4	Province	Camarines Sur	

1	Name of sou	ırce	Santiago Old Pumping Station
2	Location	13° 23′ 51.9″	Bgy.Santiago Old Nabua,
_	Location	123° 21' 21.11"	Camarines Sur
3	Depth Borel	iole; meter	155
4	Discharge F	lowrate; liters/sec	35
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
ــــــــــــــــــــــــــــــــــــــ	Unit;	Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U	0*		1=-	Potassium	mg/L		15.62	
2	Temperature	°C		38.3*		27	Calcium	mg/L		6.68	
	рН		6.5-8.5	8.5*	<u> </u>		Magnesium	mg/L		2,45	
4		Units	5	10			Silica	mg/L		117.03	
5		NTU	5	5		4	Total Iron	mg/L	1	0.03	0.001
6		u S/cm		1,075			Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	563		32	Aluminum	mg/L	0.2	0.04	0.01
8	Total Solids	mg/L		710			Zinc	mg/L_	5 @	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	67		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		58		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 [©]	26.77		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		4.79	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	0.43 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	0.99		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	0.34 1	0.01	45		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		16			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.12	0.05	49	Endosulfan I	μg/L		<mdl_< td=""><td>0.01</td></mdl_<>	0.01
25	Sodium	mg/L	200 [@]	56.74			<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	Sorsogon City
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Sorsogon

1	Name of sour	ce	SCWD Pumping Station #2	
2	Location	12° 59′ 25.8′′	Capitol Compound	
2.	LOCATION	124° 0' 46.1"	Abuyog, Sorsogon	
3	Depth Boreho	ole; meter	150	
4	Discharge Flo	owrate; liters/sec	17	
5	Date of Well	Operation	No data	
6	Disinfection	Gas Chlorinator	No data	
J	Unit Hypochlorinator] No data	

	PARAMETERS	TINU	PNSDW	CONCEN-	MDL	Т	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
L	PARAMETERS	UNI	Limit	TRATION	MIDE		PARAMETERS	ONII	Limit	TRATION	WIDE
		ļ				<u> </u>		<u> </u>			
1	Odor	<u> </u>	U	U*	<u> </u>		Potassium	mg/L	<u> </u>	4.16	<u> </u>
2	Temperature	°C		25.4 *			Calcium	mg/L		4.52	
3	pН		6.5-8.5	7.9*		28	Magnesium	mg/L		3.88	
4	Color	Units	5	<5			Silica	mg/L		94	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	1.1	0.001
6	Conductivity	uS/cm		247]	31	Total Manganese	mg/L	0.5	0.18	0.006
7	Total Dissolved Solids	mg/L	500	164	ł	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		261		33	Zinc	mg/L	5 [@]	0.03	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		14		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		11		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	27		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	4		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	0.01	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	0.43		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
	Hydrogen Sulfide	mg/L	0.05	<u>-</u>	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		5.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		12.0		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 [@]	8.02			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	Sorsogon City	
2	Date of Analysis	June 2003	
3	Area number	4 - Region 5	
4	Province	Sorsogon	\neg

1	Name of sour	·ce	SCWD Pumping Station #7
2	ILOCATION		Capitol Compound
_			Abuyog, Sorsogon
3	Depth Boreho	ole; meter	74
4	Discharge Flo	owrate; liters/sec	5
5	Date of Well (Operation	No data
6	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*			Potassium	mg/L		9,18	
2	Temperature	°C		26.7*		27	Calcium	mg/L		47.34	
3	Pr		6.5-8.5	7.8*			Magnesium	mg/L		5.38	
4	Color	Units	5	<5		29	Silica	mg/L		84	
5	l	NTU	5	26.00		1	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6		uS/cm		993			Total Manganese	mg/L	0.5	0.2	0.006
7	Total Dissolved Solids	mg/L	500	559		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		675			Zinc	mg/L	5 [@]	0.91	0.002
9	Chloride	mg/L	250	94		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		34		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		22		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	140		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	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.02 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	0.21		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
	Hydrogen Sulfide	mg/L	0.05	-	0.010	45	Heptachlor/Heptachlor Epoxide	μg/L	0:03	0.01	0.01
1	DO (DO%)	mg/L	·	3.0		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		36.0			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 [@]	38.54			i1			<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	Nabua
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Camarines Sur

1	Name of sou	rce	Sta. Lucia Pumping Station
2	Location 13° 25' 11.9"		Brgy. Sta. Lucia
۷,	Edication	123° 22' 55"	Nabua, Camarines Sur
3	Depth Boreho	ole; meter	150
4	Discharge Flo	owrate; liters/sec	12
5	Date of Well	Operation	No data
6	Disinfection Gas Chlorinator Unit Hypochlorinator		No data
0			1 NO Gata

F	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
L	FARAIVIETERS	ONIT	Limit	TRATION	MIDE		PARAMETERS	ONI	Limit	TRATION	MIDE
L		ļj			ļ <u>.</u>	<u></u>		ļ <u>.</u>			
II—.	Odor		U	U*	<u>.</u>		Potassium	mg/L	ļ	18.59	
2		°C		32*	ļ	27	Calcium	mg/L	<u> </u>	86.3	
3	li		6.5-8.5	7.7*			Magnesium	mg/L		10.34	<u> </u>
4	00/01	Units	5	5			Silica	mg/L		141	
IJ —	Turbidity	NTU	5	4.00		I	Total Iron	mg/L	1	0.68	0.001
6	Conductivity	uS/cm		1,084		31	Total Manganese	mg/L	0.5	0.41	0.006
7	Total Dissolved Solids	mg/L	500	400 ⁺		. 32	Aluminum	mg/L	0,2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L.		749		33	Zinc	mg/L	5 [@]		0.002
9	Chloride	mg/L	250	54		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		63		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		17		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	258		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		14	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.7	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.3 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		0.42	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.26		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
	Hydrogen Sulfide	mg/L	0.05	-	0.010	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		19.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		4.0			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 [@]	46.08			ll l			<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	Iriga City
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Iriga City

1	Name of sou	ırce	Sta. Terisita Pumping Station		
	Location		Rufino Hagas Sr. St		
2			San Roque, Iriga City		
3	Depth Boret	nole; meter	25 1.5		
4	Discharge F	lowrate; liters/sec			
5	Date of Well	Operation	No data		
6	Disinfection Gas Chlorinator		No data		
O	Unit;	Hypochlorinator	- No dala		

Γ	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	Г	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
	PARAMETERS	CIVIS	Limit	TRATION	INDL		PARAMETERS	CINET	Limit	TRATION	INIT
1	Odor		U	U*			Potassium	mg/L		10.52	
2	Temperature	°C		27.5*		27	Calcium	mg/L		19.17	
	pH		6.5-8.5	7.1*		28	Magnesium	mg/L		5.78	
-	Color	Units	5	<5		29		mg/L		74	
1	Turbidity	NTU	5	<5		30	Total Iron	mg/L_	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		276		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	176 ²		32	Aiuminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		287			Zinc	mg/L	5 [@]	0.02	0.002
9	Chloride	mg/L	250	7			Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		14		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		12		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	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	3		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		6	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	3.09 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	0.61		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0	0.002	44	Endrín	μg/Ĺ	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		2.4		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		16		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		<1			Тохарһеле	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 [@]	3.71			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	Tabaco
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Albay

1	Name of so	игсе	Tabaco Pumoing Station
2	Location 13° 21' 29.8" 123° 43' 12.8"		Karangahan Blvd., Tabaco, Alb
_			
3	Depth Boref	nole; meter	100
4	Discharge F	lowrate; liters/sec	60
5	Date of Wel	Operation	No data
6	6 Disinfection Gas Chlorinator Unit; Hypochlorinator		- No data
			- No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U	0*			Potassium	mg/L		1.49	ļ
2	Temperature	°C		28*		27		mg/L	ļ <u>.</u> .	5.4	
	рH	ļ	6.5-8.5	8*	<u> </u>		Magnesium	mg/L		5.42	
4		Units	5	10			Silica	mg/L	 	106	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	1.15	0.001
6	Conductivity	u S/cm		285 ²		31		mg/L	0.5	0.11	0.006
7	Total Dissolved Solids	mg/L	500	183		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		228		33	Zinc	mg/L	5 [@]	0.1	0.002
9	Chloride	mg/L	250	4		34	Copper	mg/L		<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		9		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		-		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 @	36		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		5	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.003 ¹	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.39 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	0.55		43	DDT	μg/L		<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	0.43 1	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		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		0.20	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	7.08			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	Gubat	
2	Date of Analysis	June 2003	
3	Area number	4 - Region 5	
4	Province	Sorsogon	

1	Name of sou	irce	Tiris Pumping Station
2	Location	12° 57' 11.4"	Bgy. Tiris, Gubat, Sorsogon
_	Location	124° 7′ 41.3″	
3	Depth Boreh	ole; meter	60
4	Discharge F	lowrate; liters/sec	16
5	Date of Well	Operation	No data
6	Disinfection Gas Chlorinator		- No data
	Unit;	Hypochlorinator	140 Oata

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
										<u> </u>	
1	Odor		Ü	U*		26	Potassium	mg/L		9.42	
2	Temperature	°C _		27.8*		27	Calcium	mg/L		135.4	
3	pН		6.5-8.5	7.5*		28	Magnesium	mg/L		5.72	
4	Color	Units	5	<5		29	Silica	mg/L		95	
	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	1.44	0.001
6	Conductivity	u S/cm		1,310		31	Total Manganese	mg/L.	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	545 [†]		32	Aiuminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		660 [†]		1	Zinc	mg/L	5 [@]	0.08	0.002
J T.	Chloride	mg/L	250	212		34	Соррег	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Total Alkalinity	mg/L		38			Arsenic	mg/L.	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		305		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	362		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	13			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
1	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>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	0.4		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0.004	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	0.01	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		27		47	Methoxychior	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		<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 [@]	51.1			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

- 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	Donsol		
2	Date of Analysis	June 2003		
3	Area number	4 - Region 5		
4	Province	Sorsogon		

1	Name of sou	ırce	Tres Marias PS No.1	
2	Location	12° 54' 44.4"	Bgy. Poso San Jose St.	
2	Location	123° 35′ 55.9″	Tres Marias, Donsol, Sorsogon	
3	Depth Borel	ole; meter	60	
4	Discharge F	lowrate; liters/sec	8	
5	Date of Well	Operation	No data	
6	Disinfection	Gas Chlorinator	No data	
0	Unit;	Hypochlorinator	T No data	

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
				-01						44.00	
1	Odor		U	O*			Potassium	mg/L		11.28	
2	1 - 111	°C		35.8*		27		mg/L		0	
3	<u> </u>	1	6.5-8.5	8.7*			Magnesium	mg/L	l	0.6	ļ
4	Color	Units	5	milkish color*			Silica	mg/L	ļi	104	2.204
5	Turbidity	NTU	5	<5		1	Total Iron	mg/L	1	0.15	0.001
6		u S/cm		619			Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	396 ²		32	Aluminum	mg/L	0.2	<mdl_< td=""><td>0.01</td></mdl_<>	0.01
8	Total Solids	mg/L		561			Zinc	mg/L	5 [@]	0.18	0.002
	Chloride	mg/L	250	88		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		41		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 [@]	2		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	1		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	0.23 ¹	0.001	40	Мегсигу	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.13 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	0.64		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	0.35 ¹	0.01	45	Heptachior/Heptachlor Epoxide	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
	COD	mg/L		38		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		11			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 [@]	118			11		<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	Donsol
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Sorsogon

1	Name of sou	гсе	Tres Marias PS No.2
2	Location	12° 54' 23.1"	Bgy. Poso
	Location	123° 6' 26.9"	Tres Marias, Donsol, Sorsogon
3	Depth Boreh	ole; meter	37
4		owrate; liters/sec	15
5	Date of Well	Operation	No data
6	Disinfection Gas Chlorinator Unit; Hypochlorinator		No data
L			1 No data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
╟─			2.1111	110,4110.11	 	 			50000	110111011	-
1	Odor	 	U	U*		26	Potassium	mg/L		10.12	
2	Temperature	°C		28.9*		27	Calcium	mg/L		87.13	
3	рН		6.5-8.5	7.5*		28	Magnesium	mg/L.		20.78	
4	Color	Units	5	<5		29	Silica	mg/L		56	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	0.57	0,001
6	Conductivity	uS/cm		623		31	Total Manganese	mg/L	0.5	: 0.04	0.006
7	Total Dissolved Solids	mg/L	500	363		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		368		33	Zinc	mg/L	5 [@]	0.15	0.002
9	Chloride	mg/L	250	22		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		41	-		Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		150		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	303		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	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	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			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	_	0.010	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		38		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		6		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 [@]	27.32			11			<mdl< td=""><td>0.02</td></mdl<>	0.02

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

* On Site Analysis (CEST Inc.)

ND Not Detected

U Unobjectionable Odor, O = Objectionable Odor

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

MDL Method Detection Limit

- 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	Metro Naga
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Naga City

1	Name of so	urce	Villa Sonabella Pumping Sta.		
2	Location	13° 37′ 9.1″	Bgy. Concepcion Grande		
~	123° 12' 56.6"		Naga City		
3	Depth Borel	nole; meter	106		
4	Discharge F	lowrate; liters/sec	20		
5	Date of Well	Operation	No data		
6	6 Disinfection Gas Chlorinator Unit; Hypochlorinator		No data		
			- No data		

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
 -		 	Limit	TRATION	 	 -		 	Limit	TRATION	ļ
	Odor	 	<u>U</u>	[]*		126	Potassium	mg/L.	 	16.26	
-	Temperature	°C		28.2*	}		Calcium	mg/L	 -	16.4	
3	pH	<u> </u>	6.5-8.5	6.8*		1 -	Magnesium	mg/L		6.74	[
4	<u> </u>	Units	5	20	}		Silica	mg/L		113	
5		NTU	5	31			Total Iron	mg/L	1	2.8	0.001
II_ ~	Conductivity	u S/cm		337			Total Manganese	mg/L	0.5	0.17	0.006
7	Total Dissolved Solids	mg/L	500	216 ²		⊹	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		316		33	Zinc	mg/L	5 @	0.03	0.002
9	Chloride	mg/L	250	16		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		18		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		42	. —	36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	69		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	4		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		0.95	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		<mdl< td=""><td>0.20</td><td>42</td><td>Chlordane</td><td>μg/Ĺ</td><td>0.2</td><td><mdl< td=""><td>0.02</td></mdl<></td></mdl<>	0.20	42	Chlordane	μg/Ĺ	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	1.41			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		1			Lindane.	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
1	COD	mg/L		14		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2			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 [@]	5.62			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	Virac
2	Date of Analysis	June 2003
3	Area number	4 - Region 5
4	Province	Catanduanes

1	Name of sou	irce	Virac Pump Station		
2	Location	13° 34' 57.4"	Cavinitan, Virac, Catanduanes		
_	Location	124° 12' 37.3"			
3	Depth Boreh	ole; meter	No data		
4	Discharge F	owrate; liters/sec	61		
5	Date of Well	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
	Unit;	Hypochlorinator	Two data		

Γ	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>			Limit	TRATION	 	├			Limit	TRATION	├
-4	Odor		U	<u>O*</u>		200	Potassium		 ;	3.94	
ــــــــــــــــــــــــــــــــــــــ							<u> </u>	mg/L		125.98	
	Temperature	°C	0.5.0.5	28.1*			Calcium	mg/L			
	pH		6.5-8.5	7.4*	ļ		Magnesium	mg/L		1.78	
	Color	Units	5	<5			Silica	mg/L		5	0.004
	Turbidity	NTU	5	<5			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		291		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	186 ²		32	Aluminum	mg/L	0.2	_ <mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	_mg/L		312		33	Zinc	mg/L	5 [@]	0.01	0.002
9	Chloride	mg/L	250	29		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		258		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		25		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 @	322		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		0	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	Ó	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	0.12		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
20	Hydrogen Sulfide	mg/L	0.05	0.43 ¹	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		27		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 [@]	7.8			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	Bacolod City
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1	Name of sou	ce	Baciwa PS #1		
2	Location	10° 40′ 16.1″	Brgy. Granada, Bacolod City		
	EUCALIOIT	123° 0' 36.8"	Negros Occidental		
3	Depth Boreho	ole; meter	190		
4	Discharge Flo	owrate; liters/sec	32.69		
5	Date of Well	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
L o	Unit Hypochlorinator		1VO data		

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>	TATOMICIENTO	0.4.1	Limit	TRATION	11100		1 ATAMETERO	J.	Limit	TRATION	MOC
<u> </u>						-		<u> </u>			
1	Odor		U	U*			Potassium	mg/L		3.19	
12	Temperature	°C	·	29.4*		27	Calcium	mg/L		20.07	
3	[F. 1]	 	6.5-8.5	7.8*	ļ		Magnesium	mg/L		4.64	
4	Color	Units	5	<5	ļ	29		mg/L		97	
5	1 4.1	NTU	5	1.23*	ļ <u>. </u>		Total Iron	mg/L	1	0.14	0.001
6	(• • · · · · · · · · · · · · · · · · ·	u S/cm	<u></u> -	241		31		mg/L	0.5	0.12	0.006
17	Total Dissolved Solids	mg/L	500	200			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		237			Zinc	mg/L	5 ®	0.02	0.002
9		mg/L	250	0		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		94			Arsenic	mg/L	0.01	<mdl_< td=""><td>0.01</td></mdl_<>	0.01
11	Acidity	mg/L		12		36	Chromium	mg/L	0.05	0.03	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	69		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		6	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
	Nitrite	mg/L	3	0.1 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
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	0.28		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		0.01	45	Heptachlor/Heptachlor Epoxide	μg/ L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		0.95*			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		<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 [@]	7.7			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	Bacolod City
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1_	Name of soul	ce	Baciwa PS #2		
2	Location	10° 38' 35.3"	Brgy. Vista Alegre, Bacolod Cit		
	Location	123° 0' 2.4"	Negros Occidental		
3	Depth Boreho	ole; meter	180		
4	Discharge Flo	owrate; liters/sec	29.39		
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
_	Odor		U	U*		26	Potassium	mg/L		3.52	
	Temperature	°C		29.1*		27	Calcium	mg/L		23.52	
	pН		6.5-8.5	7.4*			Magnesium	mg/L		7.89	
	Color	Units	5	<5		29	Silica	mg/L		98	
5	Turbidity	NTU	5	2.11*		30	Total Iron	mg/L	1	0.16	0.001
6	Conductivity	uS/cm		379		31	Total Manganese	mg/L	0.5	0.24	0.006
7	Total Dissolved Solids	mg/L	500	227		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 [@]	0.02	0.002
, ,	Chloride	mg/L	250	4		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
	Acidity	mg/L		14		36	Chromium	mg/L	0.05	0.006	0.003
12	Hardness (as CaCO₃)	mg/L	300 [@]	91		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		6	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	0.37		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
	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		5.90*		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		40.0		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		<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 [@]	10.29			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	Barotac Viejo
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	lloilo

1	Name of source	BVWD pumping Station #1
2	Location 11° 3' 10" 122° 50 46.3"	Brgy. San Lucas, Barotac Viejo Iloilo
3	Depth Borehole; meter	18
4	Discharge Flowrate; liters/sec	4
5	Date of Well Operation	No data
6	Disinfection Gas Chlorinator Unit Hypochlorinator	No data

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
 	.,	J	Limit	TRATION	11100	<u> </u>	TANAMETERO	01177	Limit	TRATION	IIIDL
)]			<u> </u>	ļ					<u>,</u>
11.	Odor	ļ <u></u>	U	U*	J	1	Potassium	mg/L	,,	1.28	
II ·	Temperature	°C		28.2*	<u> </u>	1	Calcium	mg/L		47.68	
II .	рH		6.5-8.5	7.7*			Magnesium	mg/L		5.76	
II '	Color	Units	5	<5			Silica	mg/L		94	
	Turbidity	NTU	5	2.99*			Total Iron	mg/L	1 	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		420	<u></u>	31		mg/L	0.5	0.16	0.006
7	Total Dissolved Solids	mg/L	500	253	ļ	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		292			Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
15	Chloride	mg/L	250	16		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		24			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]	3	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	0.12		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
		"			0.04	4-	Heptachlor/Heptachlor	_0	0.02	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Epoxide	μg/L	0.03	- MDI	
	DO (DO%)	mg/L	·- ·	1.84*			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		38.0	. <u></u>	47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
ı ı	BOD	mg/L		3.0			Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
1 1	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 @	3.15			<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	Barotac Viejo
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Iloilo

1	Name of sour	ce	BVWD Pumping Station #2 Brgy. San Lucas, Barotac Viejo Itoilo			
2	Location	11° 4' 10.1"				
	Location	122° 50 48.2"				
3	Depth Boreho	ole; meter	20			
4	Discharge Flo	owrate; liters/sec	4			
5	Date of Well	Operation	No data			
6	Disinfection Gas Chlorina		No data			
	Unit	_Hypochlorinator	140 data			

	PARAMETERS	TINU	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
						П					
1	Odor	1	υ	U*		26	Potassium	mg/L		1.28	
2	Temperature	°C		28.8*		27	Calcium	mg/L		14.48	
	pH		6.5-8.5	6.6*		28	Magnesium	mg/L		5.36	
4	Color	Units	5	<5		29	Silica	mg/L		58	
5	Turbidity	NTU	5	1.63*		30		mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	u S/cm		262			Total Manganese	mg/L	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	153		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		311		33	Zinc	mg/L	5 [@]	0.03	0.002
	Chloride	mg/L	250	4		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		13		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L	_	26		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	59		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	13		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		3	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	0.06			DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0.01	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	0.01	0.01
21	DO (DO%)	mg/L		2.16*		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		<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 [@]	2.86			Н			<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	Metro Roxas
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Roxas City

1	Name of sou	rce	Cabugao Pumping Station Brgy. Cabugao, Roxas City			
2	Location	11° 25' 34.4"				
2	Location	122° 45′ 34.4"				
3	Depth Boreho	ole; meter	36 6			
4	Discharge Flo	owrate; liters/sec				
5	Date of Well	Operation	No data			
	Disinfection	Gas Chlorinator	No data			
J	Unit Hypochlor		- No uata			

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDI.		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
<u> </u>											
1	Odor		U	U*		26	Potassium	mg/L		<mdl< td=""><td></td></mdl<>	
2	Temperature	°C		25		27		mg/L	 	54	
	рН	<u></u>	6.5-8.5	7.2	<u></u>	28		mg/L		18	
نــــا	Color	Units	5	2		29	1 - 111 - 1	mg/L		94	
	Turbidity	NTU	5	0.80		30		mg/L	1	0.09	0.001
_6	Conductivity	u S/cm		530		31	Total Manganese	mg/L	0.5	0.12	0.006
7	Total Dissolved Solids	mg/L	500	272		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		324		33	I	mg/L	5 [@]	0.03	0.002
9	Chloride	mg/L	250	18		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		140		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 [@]	209		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	9.9		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		0.71	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	0.30 1	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>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	0.02		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
	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		5.1		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	COD	mg/L		84.0			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2.2		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 [@]	15			11			<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	La Carlota
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1	Name of soul	rce	Carwater Pumping Station #1				
2	Location	10° 25' 41.5"	La Carlota City, Negros Occidenta				
2	Location	122° 55' 49"					
3	Depth Boreho	ole; meter	21				
4	Discharge Flo	owrate; liters/sec	33				
5	Date of Well	Operation	No data				
6	Disinfection Gas Chlorinator Unit Hypochlorinator		No data				
			- No data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
									i		
1	Odor		U	U*		26	Potassium	mg/L		3.08	
2	Temperature	°C		29.3*		27	Calcium	mg/L		26.5	
3	рН		6.5-8.5	7.5*		28	Magnesium	mg/L		3.68	
4	Color	Units	5	<5		29	Silica	mg/L		94	
5	Turbidity	NTU	5	1.60*		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	uS/cm		355		31	Total Manganese	mg/L	0.5	0.41	0.006
7	Total Dissolved Solids	mg/L	500	272		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		284		33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
и	Chloride	mg/L	250	1		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L	:	146		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		28		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	81		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	0.1 1	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
18	Fluoride	mg/L	1	0.29		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
	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		1.71*		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		<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 @	2.76			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	Dingle-Pototan
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	lloilo

1	Name of sou	rce	DPWD Deepwell/PS Abangay PS
2	Location	10° 57' 21.3"	Brgy. Abangay, Dìngle, Iloilo
	Location	122° 39' 2.3"	
3	Depth Boreho	ole; meter	44
4	Discharge Flo	owrate; liters/sec	20
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
	Unit	Hypochlorinator	- No data

_	1		PNSDW	CONCEN-	1	_	1		PNSDW	CONCEN-	T
	PARAMETERS	UNIT	Limit	TRATION	MDL		PARAMETERS	UNIT	Limit	TRATION	MDL
1	Odor		U	O*		26	Potassium	mg/L		7.95	
2	Temperature	°C		27.5*	-	27	Calcium	mg/L		117.18	
3	I F · · ·		6.5-8.5	7.7*		28	Magnesium	mg/L		9.01	
4	Color	Units	5	10		29	Silica	mg/L		69	
5	Turbidity	NTU	5	2.12		30		mg/L	1	1.1	0.001
6		u S/cm		1,420		31	Total Manganese	mg/L	0.5	0.44	0.006
7	Total Dissolved Solids	mg/L	500	845		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		881		33	Zinc	mg/L	5 [@]	0.08	0.002
9	10,,,,,,,	mg/L	250	164		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		66		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		50		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	330	}	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		5	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
	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		2	0.20		Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
	Fluoride	mg/L	1	0.11	_		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
	Hydrogen Sulfide	mg/L	0.05	0.21	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L_	0.03	0.01	0.01
21	DO (DO%)	mg/L		5.75*			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		49.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
	BOD	mg/L		9.0		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 [@]	58.06		\Box	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)

MDŁ 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	Buenavista	1				
2	Date of Analysis	June 2003					
3	Area number	5 - Region 6					
4	Province	Guimaras					

1	Name of sour	ce	Pumping Station #1		
2	Location	10° 41' 54.8"	Brgy. Mclain, Buenavista		
	Location	122° 38' 57.5"	Guimaras		
3	Depth Boreho	ile; meter	56		
4	Discharge Flo	wrate; liters/sec	5		
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
		 						<u> </u>			
1	Odor		Ü	U*		26	Potassium	mg/L		11.03	1
2	Temperature	°C		29.5*		27	Calcium	mg/L		63.69	
3	рН		6.5-8.5	7.3*		28	Magnesium	mg/L		2.06	
4	Color	Units	5	<5		29	Silica	mg/L		16	
5	Turbidity	NTU	5	3.53*		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		502		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	267		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		308		33	Zinc	mg/L	5 [@]	0.02	0.002
9	Chloride	mg/L	250	10	1	34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		104	T	35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		22	[36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 ®	168		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	Ó		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	μ g/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
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		1.80*	·	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		3.0		48	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 [@]	26.45			!!			<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	Buenavista
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Guimaras

1	Name of sour	rce	Pumping Station #2		
2	Location	10° 42' 6.1"	Brgy. New Poblacion, Buenavista		
_	Location	122° 38' 50.2"	Guimaras		
3	Depth Boreho	ole; meter	59		
4	Discharge Flo	owrate; liters/sec	4.5		
5	Date of Well	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
	Unit Hypochlorinator		110 data		

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
⊩			Limit	TRATION		╄		 	Limit	TRATION	
1	Odor	-		11*	<u> </u>	200	Potassium	20.00		5.86	ļ
2		°C	U		 	J = -		mg/L	ļ	414	├
3	Temperature		0505	29.4* 7.2*		27	Calcium	mg/L	ļ	68.15	ļ
4		Units	6.5-8.5	7.2" <5		29	Magnesium Silica	mg/L	ļ	3.9 18	
5		NTU	5	<5 1.38*	-			mg/L	<u> </u>	<mdl< td=""><td>0.001</td></mdl<>	0.001
2	Conductivity	u S/cm	5	553		30		mg/L	l	<ndl< td=""><td>0.001</td></ndl<>	0.001
Ę						31	Total Manganese	mg/L	0.5		
	Total Dissolved Solids	mg/L	500	209 +		1	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	7 0 10 11 10 10 10 10 10 10 10 10 10 10 1	mg/L		268			Zinc	mg/L	5 [@]	0.03	0.002
9		mg/L	250	11			Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Total Alkalinity	mg/L		120			Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
1	Acidity	mg/L		42		1-	Chromium	mg/L	0,05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	186		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	3.43 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	0.23		43	DDT	μg/L	2	0.02	0.01
19	Cyanide	mg/L	0.07	0.007	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	0.01	0.01
21	DO (DO%)	mg/L		2.42*		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		<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 [@]	28.69			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	Hamtic	
2	Date of Analysis	June 2003	
3	Area number	5 - Region 6	
4	Province	Antique	

1	Name of sou	rce	Hamtic WD Pumping Station
2	Location	N 10° 42' 7.6"	Poblacion 3, Hamtic, Antique
	Location	E 121° 58' 52.6"	Hamtic WD, Hamtic, Antique
3	Depth Boreh	ole; meter	60
4	Discharge FI	owrate; liters/sec	10
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
, ·	Unit;	Hypochlorinator	- No uata

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL	Γ	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
<u> </u>	<u></u>		Lilling	TIVATION		┼╌		<u> </u>	FIGURE	IKATION	-
1	Odor		Ü	U*		26	Potassium	mg/L		8.5	
1	Temperature	- °C		28.5*		27	Calcium	mg/L		30.82	
3	pH	<u>-</u> -	6.5-8.5	7.6*		_	Magnesium	mg/L		8.57	
4	Color	Units	5	10			Silica	mg/L	<u> </u>	84	
5	Turbidity	NTU	5	1.10*		+	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		1054		31	Total Manganese	mg/L	0.5	0.04	0.006
7	Total Dissolved Solids	mg/L	500	468		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		678		33	Zinc	mg/L	5 @	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	173		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		128		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L	_	22		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	4		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		2	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	0.13		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		0.77*		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			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 [@]	14.21			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

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

1	Name of WD	Jordan
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Guimaras

1	Name of sour	ce	Pumping Station #1			
2	Location	10° 39' 55.3"	Brgy. Rizal, Jordan, Guimaras			
	Location	122° 35′ 37.8″				
3	Depth Boreho	ole; meter	78			
4	Discharge Flo	owrate; liters/sec	6			
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	Odor	J	U	U*		26		mg/L		9.96	
2	Temperature	°C		28.7*	<u>L</u>	27	Calcium	mg/L		73.67	
3	рН		6.5-8.5	7.2*	<u> </u>		Magnesium	mg/L	 	14.12	
4	Color	Units	5	<5			Silica	mg/L		27	
11	Turbidity	NTU	5	3.28*		30	Total Iron	mg/L	1	<mdl_< td=""><td>0.001</td></mdl_<>	0.001
6	Conductivity	u S/cm		1,549		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	550 [†]		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01_</td></mdl<>	0.01_
8	Total Solids	mg/L		640 [†]		33	Zinc	mg/L	5 [@]	0.01	0.002
9	Chloride	mg/L	250	264		34	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
	Acidity	mg/L		46		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO₃)	mg/L	300 [@]	242		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	22		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	I. I	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
	Fluoride	mg/L	1	0.68	<u> </u>		DDT	μg/L	2	0.46	0.01
19	Cyanide	mg/L	0.07	0.005	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	0.01	0.01
21	DO (DO%)	mg/L		4.74*			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		<5			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		<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 [@]	36.98]				<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	Ibajay
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Aklan

1	Name of sour	ce	Laguinbanua PS
2	Location	11° 48′ 31.9″	-Ibajay WD, Ibajay, Aklan
	Location	122° 9′ 18.8″	-ilbajay VVD, Ibajay, Akian
3	Depth Boreho	ole; meter	59
4	Discharge Flo	wrate; liters/sec	10
5	Date of Well (Operation	No data
6	Disinfection Gas Chlorinator		No data
	Unit	Hypochlorinator	140 data

Г	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
┣			Limit	TRATION					Limit	TRATION	
ļ.,	Odor			{ J*		200	D-4=:			20.00	
1		c	U				Potassium	mg/L		20.88	
4	Temperature	·C_	0505	28.6*			Calcium	mg/L		68.75	
3	Hq	1121-	6.5-8.5	7.5*	_	1	Magnesium	mg/L		28.44	
4	Color	Units	5	20 2.67*	<u> </u>		Silica	mg/L	· · · · · · · · · · · · · · · · · · ·	118	0.001
5	7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	NTU			ļ		Total Iron	mg/L	1	0.57	
6	+ +	uS/cm		526 ²			Total Manganese	mg/L	0.5	0.27	0.006
7	Total Dissolved Solids	mg/L	500	337 +			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
∜8	Total Solids	mg/L		652 ⁺			Zinc	mg/L	5 @	0.1	0.002
₁ /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	·	81			Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		58		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 ®	289		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		9.57	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	0.26 ¹	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		8.4	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.18		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*		46	Lindane	μg/L	2.	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		15.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		8.0		48	Toxaphene	μg/L		<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 [@]	28.12			li li			<mdl< td=""><td>0.02</td></mdl<>	0.02

* On Site Analysis (CEST Inc.)

ND Not Detected

U Unobjectionable Odor, O = Objectionable Odor

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

MDL Method Detection Limit

- 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	Libacao	
2	Date of Analysis	June 2003	
3	Area number	5 - Region 6	
4	Province	Aklan	

1	Name of sou	ırce	Libacao		
2	Location	N 11° 28' 44.9"	Libacao WD, Escalona St., Pob.		
-	Location	E 122° 18' 1.5"	Libacao , Aklan		
3	Depth Boreh	iole; meter	50		
4	Discharge F	lowrate; liters/sec	6.9		
5	Date of Well	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
L	Unit;	Hypochlorinator	IVO data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U	U*	,	26		mg/L		3.44	
2	Temperature	°C		26.9*		27		mg/L	<u> </u>	21.52	ļ
_	pH		6.5-8.5	7.8*			Magnesium	mg/L		3.36	
	Color	Units	5	<5			Silica	mg/L		58.64	
II—	Turbidity	NTU	5	0.59*	ļ <u>-</u>		Total Iron	mg/L_	1	0.11	0.001
6	Conductivity	u S/cm		199		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	104 +		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		145		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_		10		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		5		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	68		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		48.7	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	0.26 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	0.15			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	<u>.</u>	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		1.96*			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		19.0			Methoxychior	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		2.0		48	Тохарһепе	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.16	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	5.02			H			<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	Mambusao
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Capiz

1	Name of sour	rce	Mambusao Pumping Station				
2	Location	11° 25' 34.4"	Poblacion, Mambusao, Capiz				
	122° 35' 33.5"						
3	Depth Boreho	ole; meter	33				
4	Discharge Flo	owrate; liters/sec	5.1				
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	Odor		Ü	U*		26	Potassium	mg/L		3.14	
2	Temperature	°C	_	28.0*		27	Calcium	mg/L		91.88	
3	рН		6.5-8.5	7.1*		28	Magnesium	mg/L		7.77	
4	Color	Units	5	33		29	Silica	mg/L		101	
5	Turbidity	NTU	5	<5		30	Total Iron	mg/L	1	8.03	0.001
6	Conductivity	u S/cm				31	Total Manganese	mg/L	0.5	1.26	0.006
7	Total Dissolved Solids	mg/L	500	358			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		392		33	Zinc	mg/L	5 [@]	0.09	0.002
9	Chloride	mg/L	250	29		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		36		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		44		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	261		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		3	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	0.83 1	0.001	41	Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		8	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.34		43	·	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
	Hydrogen Sulfide	mg/L	0.05	<u>-</u>	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	0.01	0.01
21	DO (DO%)	mg/L		2.0		46		μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		31.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		8.0		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 [@]	19.34			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	Metro Kalibo	
2	Date of Analysis	June 2003	
3	Area number	5 - Region 6	-
4	Province	Aklan	

1	Name of sou	ırce	Manabayan Pump Station				
2	Location	N 11° 41' 40.5"	Metro Kalibo WD, Brgy.				
2	Location	E 122° 21' 43.9"	Manabayan, Kalibo, Aklan				
3	Depth Boreh	ole; meter	47				
4	Discharge F	lowrate; liters/sec	33				
5	Date of Well	Operation	No data				
6	Disinfection Gas Chlorinator		- No data				
Ü	_Unit;	Hypochlorinator	- No data				

Г	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>			Limit	TRATION	ļ	_			Limit	TRATION	
 		<u> </u>			ļ	<u> </u>		ļ			ļ
1	Odor		U	U*			Potassium	mg/L		7.62	
2	Temperature	°C		29.6*		27	Calcium	mg/L		8.74	
	pН		6.5-8.5	7.9*			Magnesium	mg/L		7.47	ll
	Color	Units	5	<5		29		mg/L		96.37	
5	Turbidity	NTU	5	0.93*		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		375		31	Total Manganese	mg/L	0.5	0.02	0.006
7	Total Dissolved Solids	mg/L	500	227	_	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		279		•	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	24		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		21		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		5		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	53		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	12		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		3.68	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>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	0.2		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	0.01	0.01
21	DO (DO%)	mg/L		1.61*		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		31.0		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		0.12	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	12			- 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	Manapia
2	Date of Analysis	July 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1	Name of sou	rce	Pumping Station #1			
2	Location	10° 57' 17"	Poblacion 1-B, Manapla			
	123° 57' 29.2"		Negros Occidental			
3	Depth Boreho	ole; meter	66			
4	Discharge Flo	owrate; liters/sec	30			
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
			Limit	TRATION					Limit	TRATION	ļ
-	Odes			0*	_	200	Detacione	(1		F 52	<u></u>
	Odor		U				Potassium	mg/L		5.53	
2	Temperature	°C		28.1*		27	Calcium	mg/L		50.78	ļ
	pΗ	 	6.5-8.5	7.2*			Magnesium	mg/L		4.98	
4	Color	Units	5	7	<u> </u>		Silica	mg/L		73	
	Turbidity	NTU	5	5.17*			Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		275		31		mg/L	0.5	0.26	0.006
7	Total Dissolved Solids	mg/L	500	256			Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		271			Zinc	mg/L	5 [@]		0.002
9	Chloride	mg/L	250	7			Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Total Alkalinity	mg/L		96			Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
1	Acidity	mg/L		28		36	Chromium	mg/L	0.05	0.07	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	147		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	0.01 ¹	0.001		Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
	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	0.16		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
	Hydrogen Sulfide	mg/L	0.05	0.58 1	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		1.52*		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	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 [@]	5.1			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	Manapla
2	Date of Analysis	July 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1	Name of sou	rce	Pumping Station #2
2	Location	10° 57' 8"	Poblacion 1-A, Manapla
	Location	123° 7' 41.5"	Negros Occidental
3	Depth Boreho	ole; meter	48
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	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>			Limit	TRATION		ļ		-	Limit	TRATION	
I		.			 	L					ļ
1	Odor		U	0*			Potassium	mg/L		4.82	ļ
2	Temperature	°C		28*		27	Calcium	mg/L		43.94	ļ <u>.</u>
3			6.5-8.5	6.9*			Magnesium	mg/L		5.03	
4	Color	Units	5	10	<u> </u>	29		mg/L		99	
	Turbidity	NTU	5	2.18*		-	Total Iron	mg/L	1 1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		278	ļ	31		mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	228		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		245	•	4	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
1	Chloride	mg/L	250	7	[34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		104			Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		24		36	Chromium	mg/L	0.05	0.02	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	130		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	4		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 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	0.27		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
	Hydrogen Sulfide	mg/L	0.05	0.48	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		0.98*	"_		Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
. t	COD	mg/L		<5			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		0.06	0.05	49	Endosulfan I	μ g/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	5.36			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	Metro Iloilo
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Iloilo

1	Name of sour	ce	MWD Pumping Station #1				
2	Location	10° 45' 6.7"	Brgy. Bita Norte, Oton, Iloilo				
_	Location	122° 28′ 9.06″					
3	Depth Boreho	ole; meter	101				
4	Discharge Flo	owrate; liters/sec	38.46				
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	.O*		26	Potassium	mg/L		14.4	
2	Temperature	°C		28.1*		27	Calcium	mg/L		18.88	
_3	<u> </u>		6.5-8.5	8.1*		·	Magnesium	mg/L		16	
4	Color	Units	5	10			Silica	mg/L		41	
⊢-	Turbidity	NTU	5	3.19*	<u> </u>	←	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		1,406		31		mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	677		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8_	Total Solids	mg/L		745			Zinc	mg/L	5 [@]	0.2	0.002
9	Chloride	mg/L	250	174		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
1	Total Alkalinity	mg/L		209			Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		-		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	15		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		2	0.1	39	Lead	mg/L	0.01	<mdl< td=""><td>0.005</td></mdl<>	0.005
15	Nitrite	mg/L	3	0.1 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.30 ¹	0.001		Aldrin & Dieldrin	μg/L	0.03	<mdl< td=""><td>0.02</td></mdl<>	0.02
17	Ammonia-Nitrogen	mg/L		_2	0.20	42	Chlordane	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
18	Fluoride	mg/L	1	0.03		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
	Hydrogen Sulfide	mg/L	0.05	0.23 ¹	0.01	45		μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		4.54*			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			Тохарнепе	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 [@]	52.2			11			<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	Metro Iloilo
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	lloilo

1	Name of sou	rce	MWD Pumping Station #2			
2	Location	10° 45' 57.8"	Brgy, Sta. Monica, Oton, Iloilo			
_	Location	122° 27' 0.2"				
3	Depth Boreho	ole; meter	90			
4	Discharge Flo	owrate; liters/sec	28.4			
5	Date of Well	Operation	No data			
6	Disinfection	Gas Chlorinator	No data			
<u>. </u>	Unit	Hypochlorinator	140 data			

<u> </u>	T	T	PNSDW	CONCEN-	T	_	T		PNSDW	CONCEN-	
ĺĺ.	PARAMETERS	דואט	Limit	TRATION	MDL		PARAMETERS	UNIT	Limit	TRATION	MDL
						1					
1	Odor		U	U*		26	Potassium	mg/L		3.46	
2	Temperature	°C		28.4*		27	Calcium	mg/L		94.08	
3	Hq		6.5-8.5	7.5*		28	Magnesium	mg/L		13.46	
4		Units	5	<5		29		mg/L		64_	
5		NTU	5	3.29*		30		mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		738		31	Total Manganese	mg/L	0.5	0.12	0.006
7	Total Dissolved Solids	mg/L	500	363	<u> </u>	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Total Solids	mg/L		407	_	33	Zinc	mg/L	5 [@]	_0.22_	0.002
II -	Chloride	mg/L	250	31		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
_	Total Alkalinity	mg/L		160		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		26		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	290		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		1	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
	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		43	DDT	μg/L	2	0.01	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
	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		2.36*			Lindane	μg/L	2	<mdl_< td=""><td>0.01</td></mdl_<>	0.01
i	COD	mg/L		<5			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
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 [@]	16.98			_ <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	New Lucena
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	lloilo

1	Name of sour	ce	NLWD Deepwell/PS			
2	Location	10° 51' 29.7"	Brgy. Cabilawan, New Lucena			
_	Lucation	122° 34' 37.1"	lloilo			
3	Depth Boreho	ole; meter	35			
4	Discharge Flo	wrate; liters/sec	No data			
5	Date of Well	Operation	No data			
6	Disinfection Gas Chlorinator		No data			
U	Unit	Hypochlorinator	- No data			

	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL		PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
<u> </u>	1 AIVAINETERO	J. Citari	Limit	TRATION	MIDL	<u> </u>	TANAMETERS		Limit	TRATION	MOL
<u> </u>						<u> </u>					
	Odor		U	U*			Potassium	mg/L		4.53	
	Temperature	°C		28.6*		27	Calcium	mg/L		93.53	
	Hq		6.5-8.5	7.4*			Magnesium	mg/L		3.18	
_	Color	Units	5	<5		29		mg/L		61	
ļ	Turbidity	NTU	5	4.21*		+	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		807		31		mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	708 +		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		708 +		33	Zinc	mg/L	5 [@]	0.07	0.002
9	Chloride	mg/L	250	503			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
	Acidity	mg/L		38		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	247		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		3	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
1	Nitrate	mg/L	50	0	0.001	41		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
	DO (DO%)	mg/L		1.18*			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		53.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		4.0		48		μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.02	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	14.03			- 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	Panitan
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Capiz

1	Name of soul	rce	Panitan Pumping Station			
2	Location	11° 28′ 3.3″	Brgy. Tabuc, Norte Panitan			
2	Locatori	122° 46' 28.9"	Capiz			
3	Depth Boreho	ole; meter	36			
4	Discharge Flo	owrate; liters/sec	16			
5	Date of Well	Operation	No data			
	Disinfection Gas Chlorinator		No data			
U	Unit	Hypochlorinator	- No data			

Γ	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
 		J	Limit	TRATION		╀-			Limit	TRATION	<u> </u>
-	044			U*	<u> </u>	100	Detections	ms ==/1	ļ	3.83	
1	Odor	°C	U	_	<u> </u>	-I	Potassium	mg/L		13.17	
1-5	Temperature	- C		29.5*		27		mg/L		1	·
3	15	J	6.5-8.5	7.5*		28		mg/L	 	3.62	·
4	Color	Units	5	14	<u> </u>	29		mg/L		32	2.004
5	1	NTU	5	40.89*	ļ	30		mg/L	11	4.68	0.001
6		uS/cm		205		31	Total Manganese	mg/L	0.5	0.38	0.006
7	Total Dissolved Solids	mg/L	500	112		32		mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		115		33		mg/L	5 [@]	0.29	0.002
11 -	Chloride	mg/L	250	11		34	Copper	mg/L	. 1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		12		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		7		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	7		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	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	2.87 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	0.14		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
	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Heptachtor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		1.84*		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		108.0		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 [@]	6.08			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	Patnongon	
2	Date of Analysis	June 2003	
3	Area number	5 - Region 6	
4	Province	Antique	

1	Name of so	urce	Patnongon WD Pumping Statio				
2	Location	N 10° 55′ 8.5″	Patnongon WD, Poblacion,				
4	Location	E 121° 59' 51.1"	Patnongon, Antique				
3	Depth Borel	nole; meter	50				
4	Discharge F	lowrate; liters/sec	15				
5	Date of Wel	l Operation	No data				
6	Disinfection Gas Chlorinator Unit; Hypochlorinator		No data				
			- No data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
ļ—	Odor		U	U*		26	Potassium	mg/L		3.34	
	Temperature	°C		28.9*		27	Calcium	mg/L		37.74	
	рН		6.5-8.5	7.9*		28	Magnesium	mg/L		8.26	
	Color	Units	. 5	<5		29	Silica	mg/L		74	
5	Turbidity	NTU	5	1.16*		1	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	u S/cm		465		31	Total Manganese	mg/L	0.5	0.046	0.006
7	Total Dissolved Solids	mg/L	500	257		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		257		33	Zinc	mg/L	5 [@]	0.03	0.002
9	Chloride	mg/L	250	14		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		96		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	Acidity	mg/L		15		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO₃)	mg/L	300 [@]	128		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	5		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		0	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	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		0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		2.57*		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		<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 [@]	10.9			ll l			<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	Pilar	
2	Date of Analysis	June 2003	
3	Area number	5 - Region 6	
4	Province	Capiz	

1	Name of sou	ırce	Pilar Pumping Station #1				
2	Location	N 11° 28' 36.2"	Pilar WD, Brgy. Natividad,				
	Location	E 122° 59' 56.7"	Pilar, Capiz				
3	Depth Boreh	ole; meter	7.62				
4	Discharge F	lowrate; liters/sec	1.5				
5	Date of Well	Operation	No data				
6	Disinfection Gas Chlorinator		No data				
	Unit;	Hypochlorinator	- No data				

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL	Ī	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
_1	Odor		U	U*			Potassium	mg/L		8.12	
2	Temperature	°C		30.1*		27		mg/L		28.68	
3	F		6.5-8.5	7.4*	<u> </u>	28	3 10 11 11	mg/L		6.78	
4	Color	Units	5	<5			Silica	mg/L		93	
5		NTU	5	7.42*	<u>]</u>		Total Iron	mg/L_	1	0.68	0.001
6		u S/cm		282		31	Total Manganese	mg/ <u>L</u>	0.5	0.18	0.006
7	Total Dissolved Solids	mg/L	500	185 *	L	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		186 [†]		33	Zinc	mg/l_	5 ®	0.56	0.002
9	Q11101140	mg/L	250	25		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		17		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	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 [@]	100		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
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	0.26 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	0.24		I	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
21	DO (DO%)	mg/L		3.71*		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		8.0		47	Methoxychlor	μ g/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		4.0		48	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 [@]	13.4			li li				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	Pilar
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Capiz

1	Name of sou	rce	Pilar Pumping Station #2			
2	Location	11° 28' 34.6"	Pilar WD, Brgy. Natividad, Pilar, Capiz			
~	Location	122° 59' 56.1"				
3	Depth Boreho	ole; meter	9.15			
4	Discharge Flo	owrate; liters/sec	1.5			
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
-				110111011	l					***************************************	
1	Odor		U	U*		26	Potassium	mg/L		3.64	
2	Temperature	°C		28.8*		27	Calcium	mg/L		32.56	
3	pН		6.5-8.5	7.8*		28	Magnesium	mg/L		8.4	
4	Color	Units	5	<5		29	Silica	mg/L		87	
5	Turbidity	NTU	5	6.88*		30		mg/L	1	0.15	0.001
6	Conductivity	u S/cm		307		31	Total Manganese	mg/L	0.5	0.29	0.006
7	Total Dissolved Solids	mg/L	500	161 [†]	-	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		191		33	Zinc	mg/L	5 [@]	0.18	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		18		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		98		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	116		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	:	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	0.26 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	0.26				μ g /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
	Hydrogen Sulfide	mg/L	0.05	0	0.01	45	Heptachior/Heptachior Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		1.73*		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			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 [@]	11.36		L				<mdl< td=""><td>0.02</td></mdl<>	0.02

* On Site Analysis (CEST Inc.)

ND Not Detected

U Unobjectionable Odor, O = Objectionable Odor

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

MDL Method Detection Limit

- ¹ Estimation derived from gravimetric factor
- ² Estimation derived from major Cationic and Anionic constituents
- ³ Acidity value qualified

1	Name of WD	Pontevedra	
2	Date of Analysis	June 2003	
3	Area number	5 - Region 6	
4	Province	Capiz	

1	Name of so	urce	Pontevedra Pumping Station #1
2	Location	N 11 28' 39.2"	Pontevedra WD, Brgy. Sublang
	Location	E 122° 49' 26"	Pontevedra, Capiz
3	Depth Borel	nole; meter	47
4		lowrate; liters/sec	33
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
L	Unit;	Hypochlorinator	livo data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
								L			
1	Odor		U	U*			Potassium	mg/L		8.62	
2	Temperature	°C		28*		27		mg/L	L	314.34	
3	<u> </u>	<u> </u>	6.5-8.5	6.8*	<u> </u>		Magnesium	mg/L		25.88	
4	Color	Units	5	10			Silica	mg/L		95.61	
5	Turbidity	NTU	5	3.16*		30	Total Iron	mg/L	1	2.92	0.001
6	Conductivity	u S/cm		1733		31	Total Manganese	mg/L	0.5	0.98	0.006
7	Total Dissolved Solids	mg/L	500	1061		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		1379		33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	Chloride	mg/L	250	485]	34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		18		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		34		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	891.48		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	35		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		3.69	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	0.14		43	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	-	0.01	45	Heptachfor/Heptachfor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		1.14*		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		53.0		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 [@]	12.1			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	Pontevedra	•
2	Date of Analysis	June 2003	
3	Area number	5 - Region 6	
4	Province	Capiz	

1	Name of sour	rce	Pontevedra Pumping Station #2
2	Location	11° 24' 51.5"	Brgy. Hipona, Pontevedra
-	Location	122° 52' 53.1"	Capiz
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
<u> </u>	Unit	Hypochlorinator	140 data

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
┞				.,,,,,,,,,						110.110.1	
1	Odor		U	U*		26	Potassium	mg/L		2.62	
2	Temperature	°C		28.1*		27	Calcium	mg/L		43.56	
3	pН		6.5-8.5	7.6*		28	Magnesium	mg/L		5	
4	Color	Units	5	<5		29	Silica	mg/L		87.59	
5	Turbidity	NTU	5	0.8*		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		457		31	Total Manganese	mg/L	0.5	0.08	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		300			Zinc	mg/L	5 [@]	0.06	0.002
9	Chloride	mg/L	250	56		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		18		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		11		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	129		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	–	3.14	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	0.3	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			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		3.91*		46	Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		32.0		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		<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 [@]	1 1.75			l l			<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	Pontevedra
2	Date of Analysis	June 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1	Name of sou	rce	Pumping Station #1		
2	Location	10° 21' 34.7"	Brgy, Canroma, Pontevedra		
-	Location	122° 52' 48.2"	Negros Occidental		
3	Depth Boreho	ole; meter	27		
4	Discharge Flo	owrate; liters/sec	3.85		
5	Date of Well	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
	Unit	Hypochlorinator	Nodata		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL,		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
_ 1	Odor		U	U*			Potassium	mg/L		3.21	
2		°C		28.4*		27	Calcium	mg/L		17.6	
3	ļ <u> </u>		6.5-8.5	7*			Magnesium	mg/L		4.98	
4	Color	Units	5	<5			Silica	mg/L		96	
5	·	NTU	5	1.59*		1	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6		u S/cm		231		31	Total Manganese	mg/L	0.5	0.02	0.006
7	Total Dissolved Solids	mg/L	500	244		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		252		33	Zinc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	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		82		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		26		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 ®	64		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	11		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	1.87 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	0.21		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
	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		3.99*			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		8.0			Methoxychior	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		0.06	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	3.1			ll :			<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	Metro Roxas
2	Date of Analysis	June 2003
. 3	Area number	5 - Region 6
4	Province	Roxas City

1	Name of soul	ce	Quiabog Pumping Station			
2	Location	11° 30' 48.5"	Metro Roxas WD, Sitio Quiabo			
	Location	122° 45′ 36.9″	Brgy. Loctugan, Roxas City			
3	Depth Boreho	ole; meter	90			
4	Discharge Flo	owrate; liters/sec	3.1			
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
1	Odor		υυ	U*		26	Potassium	mg/L		3.23	
2	Temperature	°C		29.4*		27	Calcium	mg/L		80.25	
3	pН		6.5-8.5	7.6*		28	Magnesium	mg/L		5.68	
4	Color	Units	5	<5		l	Silica	mg/L		93	
11	Turbidity	NTŪ	5	8.49*		30	Total Iron	mg/L	1	0.32	0.001
6	Conductivity	u S/cm		648		31		mg/L	0.5	0.1	0.006
7	Total Dissolved Solids	mg/L	500	394		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		465		33	Zinc	mg/L	5 [@]	0.16	0.002
9	Chloride	mg/L	250	46		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		32		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		17		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	224		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	15		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		10	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	0.15		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
	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	_	2.56*			Lindane	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		<5			Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
11	BOD	mg/L		<1			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 [@]	34.98			=			<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	Sagay City
2	Date of Analysis	July 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1	Name of sou	rce	PS-1 (Well #14)
2	Location	10° 52' 47.5"	Sitio Bateria, Brgy. Plaridel
	Location	123° 27' 37.4"	Sagay City, Negros Occidental
3	Depth Boreho	ole; meter	54
4	Discharge Flo	owrate; liters/sec	16
5	Date of Well	Operation	No data
6	Disinfection	Gas Chlorinator	No data
1	Unit	Hypochlorinator	No data

_	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
L	FARAMETERS	ON	Limit	TRATION	INIDL	↓_	PARAMETERS	UNIT	Limit	TRATION	MUL
<u> </u>		ļ <u>.</u>				<u> </u>		ļ			
1	Odor	ļ	U	U*	.	26		mg/L_		2.28	
2		°C		28.5*	ļ	27	Calcium	mg/L		188.26	ļ
3	1	<u> </u>	6.5-8.5	7.1*	 	28	Magnesium	mg/L	ļ 	4.08	ļ
4	Color	Units	5	<5	ļ	29		mg/L		15	- <u>-</u> '
	Turbidity	NTU	5	0.96*		30		mg/L		<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	υS/cm		643	ļ		Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
!	Total Dissolved Solids	mg/L	500	304	 	⊹ ⊸	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		331	Ĺ		Zinc	mg/L	5 [@]	0.04	0.002
	Chloride	mg/L	250	18		34	Соррег	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		238		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L		48		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	487		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	12		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 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
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		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
	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		1.97*		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		<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 [@]	5.23			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

As computed by Local Water Utilities Administration (LWUA).

¹ Estimation derived from gravimetric factor

² Estimation derived from major Cationic and Anionic constituents

³ Acidity value qualified

- No basis for determination

1	Name of WD	Sagay City
2	Date of Analysis	July 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1	Name of sou	rce	PS-2 (Well #2)			
2	Location 10° 53' 39.3"		Poblacion, Sagay City			
	Location	123° 24′ 51.1″	Negros Occidental			
3	Depth Boreh	ole; meter	118			
4	Discharge Fl	owrate; liters/sec	16			
5	Date of Well	Operation	No data			
6	Disinfection	Gas Chlorinator	No data			
	Unit	Hypochlorinator	No data			

	 	T	PNSDW	CONCEN-	 -	_		T	PNSDW	CONCEN-	
	PARAMETERS	UNIT	Limit	TRATION	MDL		PARAMETERS	UNIT	Limit	TRATION	MDL
						1				110(110)	
1	Odor		U	O*		26	Potassium	mg/L		1.05	
2	Temperature	°C		27.7*		27	Calcium	mg/L		55.18	
3	pΗ		6.5-8.5	7.5*		28	Magnesium	mg/L		1.58	
4		Units	5	<5		29		mg/L		41	
5	Turbidity	NTU	5	2.11*		30		mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	• • • • • • • • • • • • • • • • • • • •	u S/cm		537		31	Total Manganese	mg/L	0.5	<mdl< td=""><td>0.006</td></mdl<>	0.006
7	Total Dissolved Solids	mg/L	500	314		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		340		33	Zinc	mg/L	5 [@]	0.03	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		122		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
11	Acidity	mg/L	<u> </u>	7.5		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	<5		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>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	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	0.14		43	DDT	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
19	Cyanide	mg/L	0.07	0.003	0.002	44	Endrin	μg/L	0.2	<mdl< td=""><td>0.02</td></mdl<>	0.02
20	Hydrogen Sulfide	mg/L	0.05	0.23 ¹	0.01	45	Heptachlor/Heptachlor Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
	DO (DO%)	mg/L		7.80*			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
	BOD	mg/L		<1			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 [@]	13.54			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	Silay City
2	Date of Analysis	July 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1	Name of sou	rce	Silay WD PS-1 (WD Well #5)				
2	Location	10° 47' 20.8"	Brgy, Guinhalanan Silay City				
	122° 58' 52.7"		Negros Occidental				
3	Depth Boreho	ole; meter	126				
4	Discharge Flo	owrate; liters/sec	37				
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		Ç	U*		26	Potassium	mg/L		4.81	
2	Temperature	°C		29*		27	Calcium	mg/L		32.48	
3	pH		6.5-8.5	7.3*		28		mg/L		5.46	
4	Color	Units	5	_ 7		29		mg/L		82	
_5	Turbidity	NTU	5	3.65*		30		mg/L	1	0.44	0.001
6	Conductivity	u S/cm		297		31		mg/L_	0.5	0.37	0.006
7	Total Dissolved Solids	mg/L	500	232	<u> </u>	32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		246		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		116		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
	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 ®	89		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		7	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	0.61	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
	Fluoride	mg/L	_1	0.4			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		2.61*		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		13.0		48	Toxaphene	μg/L		<mdl< td=""><td>0.02</td></mdl<>	0.02
24	Surfactant	mg/L		0.1	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	25.84						<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	Silay City
2	Date of Analysis	July 2003
3	Area number	5 - Region 6
4	Province	Negros Occidental

1	Name of sour	ce	Silay WD PS-2 (WD Well #2)				
2	Location	10° 46' 37.1"	District Fortun Subd., Brgy. 5 (Pob)				
	Location	122° 58' 18.7"	Silay City, Negros Occidental				
3	Depth Boreho	ole; meter	160				
4	Discharge Flo	owrate; liters/sec	6				
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
1	Odor		U	U*		26	Potassium	mg/L		6.08	
2	Temperature	_°C		28.7*	ļ	27	Calcium	mg/L		15.28	
3	На		6.5-8.5	7.3*			<u> </u>	mg/L		6.14	
4	Color	Units	5	5		29	Silica	mg/L		81	
5	Turbidity	NTU	. 5	2.41*		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	u S/cm		303		31	Total Manganese	mg/L	0.5	0.48	0.006
7	Total Dissolved Solids	mg/L	500	66		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L	ļ	260	١.	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		114		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 @	63		37	Cadmium	mg/L	.0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	9		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	0.83 1	0.001	40	Mercury	mg/L	0.001	<mdl< td=""><td>0.001</td></mdl<>	0.001
16	Nitrate	mg/L	50	0.22	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	0.32		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
	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		1.59*		46	Lindan e	μg/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		18.0		47	Methoxychlor	μg/L	20	<mdl< td=""><td>0.02</td></mdl<>	0.02
23	BOD	mg/L		8.0		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 [@]	24.58			ŤI			<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	Metro Kalibo	
2	Date of Analysis	June 2003	
3	Area number	5 - Region 6	
4	Province	Aklan	

1	Name of so	urce	Tigayon Pumping Station		
2	Location	N 11° 40' 37.5"	Metro Kalibo WD, Brgy. Tigayon		
-	Location	E 122° 20' 54"	Kalibo, Aklan		
3	Depth Borel	nole; meter	35		
4	Discharge F	lowrate; liters/sec	42		
5	Date of Wel	Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
	Unit;	Hypochlorinator	- No data		

	PARAMETERS	TERS UNIT PNSDW CONCEN- MDL Limit TRATION			MDL	T	PARAMETERS	UNIT	PNSDW	CONCEN-	MDL
┡			Limit	TRATION		╄			Limit	TRATION	
-				1}*		100	D-1			4.50	
Ę	Odor		U		<u> </u>	_	Potassium	mg/L_		4.52	
2	Temperature	°C		29.5*		27	Calcium	mg/L		39,22	[
3	pН	JJ	6.5-8.5	<u>7*</u>			Magnesium	mg/L		6	
4	Color	Units	5	<5	<u> </u>		Sílica	mg/L		85	<u> </u>
	Turbidity	NTU	5	1.18*		30	Total Iron	mg/L_	1	0.41	0.001
6	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	u S/cm		294		31	Total Manganese	mg/L	0.5	0.05	0.006
_7	Total Dissolved Solids	mg/L	500	163		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		163		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		17		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	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 @	123		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		4.42	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	0.16	_	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
			2.25		0.04		Heptachlor/Heptachlor		2.00		
	Hydrogen Sulfide	mg/L	0.05	-	0.01	45	Epoxide	μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		2.09*		_	Lindane	μg/L	2	< <u>M</u> DL	0.01
	COD	mg/L		29.0			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	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	3.22			11	l		<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	Victoria's
2	Date of Analysis	July 2003
3	Area number	5 - Region 6
4	Province	Negros Occ.

1	Name of sour	ce	VWD PS-1 (WD Well #4)		
2	Location	10° 53′ 52.9″	District Hela Los Angeles Brgy. 14 (Pob.)		
-	Location	123° 4′ 55.1″	Victorias City, Negros Occ.		
3	Depth Boreho	ole; meter	150		
4	Discharge Flo	wrate; liters/sec	20		
5	Date of Well (Operation	No data		
6	Disinfection	Gas Chlorinator	No data		
Ľ	Unit	Hypochlorinator	100 data		

	PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
1	Odor		U	U*		26	Potassium	mg/L		6.46	
2	Temperature	°C		28.3*		27	Calcium	mg/L	_	13.28	
3	pΗ	"	6.5-8.5	7.6*	ļ —	28	Magnesium	mg/L		5.61	
4	Color	Units	5	< 5		29	Silica	mg/L		84	
5	Turbidity	NTU	_ 5	2.27*		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Conductivity	u S/cm		271		31	Total Manganese	mg/L	0.5	0.19	0.006
7	Total Dissolved Solids	mg/L	500	202		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		264		33	Zìnc	mg/L	5 [@]	<mdl< td=""><td>0.002</td></mdl<>	0.002
9	- 1 o . 1 o	mg/L	250	4		34	Copper	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
10	Total Alkalinity	mg/L		101		35	Arsenic	mg/L	0.01	<mdl< td=""><td>0.01</td></mdl<>	0.01
I I	Acidity	mg/L		7		36	Chromium	mg/L	0.05	<mdl< td=""><td>0.003</td></mdl<>	0.003
12	Hardness (as CaCO ₃)	mg/L	300 [@]	56		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	4			Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
14	Phosphate	mg/L		6	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	1.:	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>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	<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
	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		2.72*		46	Lindane	μ g/L	2	<mdl< td=""><td>0.01</td></mdl<>	0.01
22	COD	mg/L		24.0			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		0.18	0.05	49	Endosulfan I	μg/L		<mdl< td=""><td>0.01</td></mdl<>	0.01
25	Sodium	mg/L	200 [@]	29.01			II			<mdl< td=""><td>0.02</td></mdl<>	0.02

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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	Victoria's
2	Date of Analysis	July 2003
3	Area number	5 - Region 6
4	Province	Negros Occ.

1	Name of sour	rce	VWD PS-2 (WD Well #2)	
2	Location	10° 54′ 8.1″	District Hela Los Angeles Brgy. 5 (Pob.)	
	Location	123° 27' 37.4"	Victorias City, Negros Occ.	
3	Depth Boreho	ole; meter	150	
4	Discharge Flo	owrate; liters/sec	18	
5	Date of Well	Operation	No data	
6	Disinfection	Gas Chlorinator	No data	
	Unit Hypochlorinator			

	PARAMETERS	UNIT	PN\$DW Limit	CONCEN- TRATION	MDL		PARAMETERS	UNIT	PNSDW Limit	CONCEN- TRATION	MDL
					<u> </u>						
	Odor	[[U	O*		-	Potassium	mg/L		7.08	
	Temperature	°C		29.7*	<u> </u>	27	Calcium	mg/L		10.47	
	pΗ		6.5-8.5	7.5*		28		mg/L		4.89	
4	Color	Units	5	<5		29		mg/L		59	
5	Turbidity	NTU	5	7.54*		30	Total Iron	mg/L	1	<mdl< td=""><td>0.001</td></mdl<>	0.001
6	Conductivity	uS/cm		287		31	Total Manganese	mg/L	0.5	0.14	0.006
7	Total Dissolved Solids	mg/L	500	250		32	Aluminum	mg/L	0.2	<mdl< td=""><td>0.01</td></mdl<>	0.01
8	Total Solids	mg/L		277			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		103	_	35	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 [@]	46		37	Cadmium	mg/L	0.003	<mdl< td=""><td>0.003</td></mdl<>	0.003
13	Sulfate	mg/L	250	11		38	Selenium	mg/L	0.01	<mdl< td=""><td>0.001</td></mdl<>	0.001
	Phosphate	mg/L		6	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	1.35 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	0.27		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
	Hydrogen Sulfide	mg/L	0.05	0.16	0.01	45	Heptachlor/Heptachlor Epoxide	 μg/L	0.03	<mdl< td=""><td>0.01</td></mdl<>	0.01
21	DO (DO%)	mg/L		4.06*		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		8.0		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 [@]	31.17			II			<mdl< td=""><td>0.02</td></mdl<>	0.02

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