N000 WATER QUALITY DATA

PRIMARY STANDARDS: Mandatory Health-Related Standards

		Control of the Contro	STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COL	A Property of the Control of the Con	The same of the sa	The state of the s				
	made deposits			***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		4000000			
	Decay of natural and man-	2,6	nd - 2.6	ձ	ನ್ನ	2,60	nd - 2.6	တ္	0	Gross Beta Activity (pCi/l)
	Erosion of natural deposits	nd	a	2	3	7.30	nd - 7.3	츬	0	Gross Alpha Activity (pCi/l)
			***********	******	-					Radionuclides
	Erosion of natural deposits	2.2	0.21 - 2.2	nd	nd	14.0	nd - 14	50	50	Selenium (ppb)
	leaching from sewage				en e		AA (*)			
	Runoff from fertilizer use;	2.2	0.21 - 2.2	nd	3	4.0	nd - 4.0	-	10	Nitrate-N (mod)
	ing which promotes strong teeth				e e e e e e e e e e e e e e e e e e e					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Water additive; naturally occur-	0.7	nd - 0.73	0.8	0.8	0.15	nd - 0.15	4	4	Fluoride (ppm)
8	Erosion of natural deposits	nd	nd	ಗ್ರ	ನ್ನ	~ <u>↓</u>	nd - 11	100	100	Chromium (ppb)
	Occurs naturally	3,4	nd - 3.4	2,9	2.9	66	nd - 66	2000	2000	Barium (ppb)
	Erosion of natural deposits	D.	nd	nd	200	1.0	nd - 1.9	10	0	Arsenic(ppm)
				***************************************	, , , , , , , , , , , , , , , , , , ,		V			Regulated IOCs
	Banned termiticide residue	nd	nd	nd	nd	0.02	nd - 0.03	200	0	Heptachlor Epoxide (ppt)
	Banned termiticide residue	nd	nd	a	2	0.01	nd - 0.01	400	0	Heptachlor (ppt)
6	Banned insecticide residue	nd	nd	2	70	0.02	nd - 0.06	N	N	Endrin (ppb)
)	Leaching from PVC pipes	. a	nd	200	3		nd - 2.6	0	0	Di(2-ethylhexyl)-phthalate (ppb)
	Banned terminolde residue	. B	na	5	70.	-3 (5)	nd - 1.9	2	0	Chlordane (ppb)
		•								Regulated SOCs
	chlorination	Опантитититити								
	By-product of drinking water	36	31 - 38	3	20 - 46	رب رب	nd - 51	100	0	Total Trihalomethanes (ppb)
0	degreasing sites					wyson	angunga,			
	Discharge from metal	nd	nd	D.	2	 2	nd - 2.7	C TI	0	Trichloroethylene (TCE) (ppb)
	discharge from dry cleaners									
	Leaching from PVC pipes,	nd	2	ηd	nd.	0.6	nd - 0.8	5	0	Tetrachloroethylene (PCE) (ppb)
										Regulated VOCs
	MINISTER DE CONTROL DE	RV	Range	R۷	Range	R	Range	Z C	MCLG	CONTAMINANT (units)
Ø	Major Sources of Contaminant	ATER	FENA WATER	VATER	UGUM WATER	WATER	GROUND WATER			

The MCL for beta However, EPA considers 50 pCi/l to be the level of concern for beta particles

Microbial Contaminants

		Contraction of the Contraction o	CHRONOSCO CONTRACTOR PROPERTY OF THE PROPERTY	TALALLA TOTAL TOTAL VANDON WAS TO A TALAL TA	The second of th	THE R. P. LEWIS CO., LANSING, LANSING, LANSING, SQUARE, SQUARE	Contract of the Contract of th			;
			NORTHERN	THE REPORT OF THE PERSON OF TH	CENTRAL	HAL	SCOLIERN	庁エス		•
CONTAMINANT (units)	MCLG MCL	<u>₹</u>	Ground Water		Ground and Fena Ugum Water	id Fena	Ugum \		Major Sources of Contaminant	
			Violation RV		Violation	RV	Violation RV Violation RV	RV	A CALCALINE AND THE WAY OF THE WA	9
Total Coliform (TC))	n o	<u> </u>	4 600/	*****	D S	3	4 2%	Naturally present in	9
(% positive/month)	0	5°%	2	1.8%	Š	ω σ,	8	4.2%	environment	*
Fecal coliform (FC)	0	See	Z	0	Z o	0	8	0	Human and animal fecal waste	8
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7								3

and a repeat sample are TC positive, and one is also FC or E. coli positive

Lead and Copper Rule

				Base the sector of the sector	NAVAMANATERE ERECT PRODUCT AND A	1	- Business and the second second	A CONTRACTOR OF THE PARTY OF TH	TARKET THE STATE OF THE STATE O
0 of 40 plumbing	0 of 40	ත ධ	2 of 60	5.7 1 of 100 5.1 2 of 60	1 of 100		0 AL=15	0	
Ğ	0	250	0	180	0		1300 AL=1300	1300	ODDer (DDb)
THE RESERVE OF THE PROPERTY OF	AL.	Level	AL	Level	AL	Level	2000		
	above	Percentile above	above	Percentile above Percentile above	above	Percentile			
Major Sources of Contaminant	90th Samples Major		Samples	90th Samples 90th Samples	Samples	9011)	MCLG MCL	<u></u>	CONTAMINANT (units)
	Water		nd Fena	Ground Water Ground and Fena	Water	Ground			
		200121000	720		TITZ L	ZCI IIIIZ	~~		

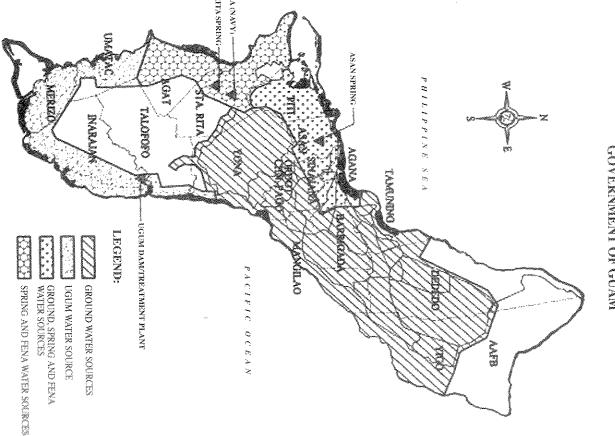
- Definitions and Abbreviations
 MCLG: Maximum Contaminant Level Goal, or the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- drinking water. MCLs are set as close to the MCLGs as feasible using the best available highest level of a treatment technique O.
- system must follow. Copper AL = 1300 ppb: Lead AL = 15 ppb. contaminant which, when exceeded, triggers treatment or other requirements that a water AL: Action Level, or the concentration of
- process intended to reduce the level of a contaminant in drinking water. TT: Treatment Reporting Value, Technique, that Ø required
- the highest annual average. detected. standards. water is meeting the health and safety-ba adionuclides, tested. iing compliance If the RV is below the MCL, the average RV= For VOCs and SOCs, RV= value for the highest an MCL For IOCs single 0 7 0.
- Range: range of values actually detected in samples from all the water tested.

 VOC: Volatile Organic Chemical
- SOC: Synthetic Organic Chemical
- IOC: Inorganic Chemical
- ppm: parts per million or milligrams

ppb: parts per billion or micrograms per liter

- ppt: parts per trillion or nanograms per liter pCi/l: picocuries per liter, a measure per
- ्र
- mrem/yr: millirem per year, a measure of
- nd: not detectible at testing limits radioactivity
- n/a; not applicable ns: no standard

GUAM WATERWORKS AUTHORITY GOVERNMENT OF GUAM



Chtoroform (ppb)
Unregulated SOCs
Dieldrin (ppb)
Unregulated IOCs

Unregulated contamin eed to regulate those

n/a n/a t ns ns 3 it monitoring helps EPA to c ntaminants.

nd - 22 3.3 - 73 determir

22.0 73

7.2

7.2 10

nd 4.56 - 53,8 r and whethe

Unregulated Contimanants (Monitoring Required)**

CONTAMINANT (units) MCLG MCL GROUND WATER RV

Hange RV

FENA WATER
Range RV

Inregulated VOCs

ne (ppb)

oform (ppb)

ns ₽S

nd - 18.3

4.4 - 18

12.9

nd - 22

nd - 1.6

Ы

쿱

E

S

ns ns ns

nd - 19 nd -14

14.0 18.3 1.6

3.8 - 6.5

nd - 11

22 ± nd

b

19 $\frac{1}{2}$

nd - 12

6.2 - 10

9,6

nd - 1.5

Turbidity as Indicator of Filtration Performance

CONTAMINANT (units) | MCLG | MCL | UGUM WATER

RV | Violation

Turbidity (ntu)

n/a

See Note 2

97.6%

Š

99.4%

Z O

Soil runoff

FENA WATER
RV Violation

inloride (ppm) conductivity (µmho/cm)

CONTAMINANT (units)

 Condary Maximum Contaminant Levels - Consumer Acceptance Limits***

 CONTAMINANT (units)
 MCLG
 MCL GROUND WATER
 UGUM WATER

 CONTAMINANT (units)
 m/a
 250
 23 - 529
 26 - 37

 oride (ppm)
 n/a
 1600
 87 - 1877
 123 - 169

 rductivity (umho/cm)
 n/a
 6.5-8.5
 6.50 - 7.93
 7.09 - 7.25

FENA WATE Range 25 · 46 194 · 232 7.06 · 7.32

		Constant of the Constant of th			
Range	Range	Range	NIC'L	- VICE	CONTAMINANT (UTILS) NICES NICE
FENA WATER	UGUM WATER	GROUND WATER UGUM WATER	M)	200	CONTANINATION (1.13)
00000000000000000000000000000000000000			Ω.	۹nalyze	Additional Constituents Analyzed
	nsumer.	r that appeals to the co	quality wate	de a high	rehabilitation in order to provide a high quality water that appeals to the consumer.
naintenance or	idjustment, additional m	mine areas in need of a	WA to detern	g helps G	*** Secondary MCL monitoring helps GWA to determine areas in need of adjustment, additional maintenance or

\$ A					
78 - 133	58 - 109	42 - 377	n/a	n/a	Hardness as CaCO ₃ (ppm)
	13	8 - 280	n/a	n/a	Sodium (ppm)
36 - 96	37 - 90	36 - 891	n/a	n/a	Alkalinity as CaCO ₃ (ppm)
Range	Range	Range	NO.	Ž C	CONTAMINANT (DITES)
FENA WATER	UGUM WATER	GROUND WATER	5	2	CONTRADION (INC.)

About the Data:

- Data presented in these tables list the results of tests done between Jan 1 Dec 31, 2003. Tables list only the contaminants detected. Detection does not necessarily mean a violation or exceedence of an MCL or Treatment Technique.
- Microbial, total trihalomethane (TTHM), lead and copper not from source waters. were taken from the distribution system