Town	No. & Facility:		Year of Construction	Financed by:	
Viqueque	02 - Transmiss	ion Main	1997-98, initially 1950s		
Existing Condition	tion:		Photograph:		
Diameter: GSP 6-	inch GSP				
Length: 10 km					
Function: Transm	it spring water to th	e town			
Accessories:					
Break press	ure tank: 2				
Pipe bridge:	3				
				(Doto:	١
Evaluation:					_)
Some section	ons of transmission	main on slor	oes are vulnerable to dam	are especially those	
located on s	lopes.			age copedially mode	
The existing	nopee. I pipe bridges are n	ot properly d	esigned and constructed		
	pipe shagee are h	or property a	looignou and conclusion		
Rehabilitation I	Plan:				
1) Basic Consider	ation:				
Pipe realign	ment is necessary	including the	reconstruction of pipe bri	dges	
Routine mai	ntenance to include	e pipe route	patrol must be enhanced		
2) Civil Work:					
Construction	n of pipe bridges x	3 sets: 2 x 40) m (steel beam with abut	ment) + 1 x 20	
m(abutment	.)				
2) Dining work:					
<i>3) Fipility work.</i> Pine realign	ment of approxima	toly 2 km x 1	50mm		
i ipe realigit			John		
4) Mechanical wor	k: none				
5) Electrical work:	none				
,					
6) Miscellaneous:	none				
Fatimated as at	_	Construct	ion ochodula:	Duin vite er	
Estimated cost		Construct	ion schedule:	Priority:	
US\$2	52,930			B-1	

Town	No. & Facility:		Year of Construction	Financed by:
Viqueque	03 - Break Pressur	e Tank No.1		· · · , -
Existina Condi	tion:		Photograph:	
Structure: Concre	te			
Shape: Rectangul	ar			
Dimension: L 3m x	W 2.5m x H 2m (ap)	proximately)		
<i>Volume:</i> 15 m ³			and the second sec	and the second
Function: Pressur	e stabilization			Charles Produced
Source of Water:	Loihunu sprina		and the second the	and the second second
Ground level (ams				Contraction of the second
Accessories:			and the second s	
Ventilation				
Manhole				
Outlet valve			and the second second	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			Ser and a second second	And And And
			ales a start days	
				AND IN THE REAL OF
				(Date: October 2000)
Evaluation:				(Date: October 2000)
In operation				
Requires ad	leguate protection			
i tequires au				
Rehabilitation I	Plan:			
1) Basic Calculatio	on			
,				
2) Civil Work:				
Construction	n of security fence			
3) Piping work: no	one			
<i>,</i> , , ,				
4) Mechanical wor	rk: none			
,				
5) Electrical work:	none			
,				
6) Miscellaneous:	none			
,				
Estimated cost	-	Construct	ion schedule:	Priority:
11.5\$	1 800			B-2
004	.,			52

Town No. & Facility:		Year of Construction	Financed by:
Viqueque 04 - Existing F	Reservoir		
Existing Condition:		Photograph:	
Facility: Service reservoir			
Structure: Concrete			
Shape: Rectangular, 4 basins			
Dimension:			
Capacity:		State of the second	
Function: Storage			SIM PLANKA VI
Source of Water: Loihunu spring (Bu	ilua)	二十二十二十十二十	The state of the state
Ground level (amsi):			
Accessories:			
		and the second	Carl Bridge Station
		States and Cartes and	
			(Date:)
Evaluation:			,
Not in operation due to damage	ed pipes		
D. Labilitation Dian.			
Rehabilitation Plan:			
1) Basic Consideration:		La bahilitatian indundunat	to standarda
I O ACTIVATE THIS reservoir require	res repair and	d rehabilitation including t	he pipelines
Requires appropriate security i	ence to main	tain water quality and mil	nimize the fisk of
Chlorination of the water suppl	v ie nacassar	<i>\</i> /	
2) Civil Work	y 13 116003301	у	
Construction of security fence			
Installation of water level gauge	е		
Repair of the concrete wall	•		
3) Piping work:			
Repair of 75mm x 500 m			
Installation of flow meter and c	ontrol valves		
4) Mechanical work: none			
5) Flactrical works popo			
5) Electrical work. none			
6) Miscellaneous:			
Installation of chlorine dosing c	levice		
Estimated cost:	Construct	ion schedule:	Priority:
US\$18,251			B-2

Town	No. & Facility:		Year of Construction	Financed by:
Viqueque	05 - Proposed	Reservoir		,
Existing Condi	tion:		Photograph:	<u>.</u>
-			- .	
Evoluction				
	rvoir will be necess;	erv for the ne	wy town to store water rec	nuired to meet the
fluctuations	in water demand			
Rehabilitation I	Plan:			
1) Basic Calculatio	on			
Required sto	orage capacity = Ma	ax day dema	and for new town * 8 hrs s	torage
Where	e: Max day demand	1 = 1774 * 40	0% (assumed to be 40% of	of total)
Required sto	orage capacity = 17	'74 * 0.40 * と	3/24 = 250 m [°]	
a) Civil Mork				
2) UNI WOR. Construction	n of the new reserv	oir with the f	Nowing specifications.	
Shar	n of the new recent	einforced cor	ncrete basins. 10m x 8m	x 2 5m
Арри	urtenances: flow cor	ntroller, flow	meter, ventilation, drains	and overflow
Construction	n of security fence.	-	· · ·	
3) Piping work:	-			
Pipe realign	ment 100mm x 500)m		
1) Machanical wa	1			
4) Mechanical wor	rk: none			
5) Electrical work:	none			
-)				
6) Miscellaneous:				
Installation of	of chlorination equip	oment		
Estimated cost	<i>t</i> -	Construct	tion scheduler	Priority
		001156 403	IOII Soncaule.	
0394	15,253			B-2

Town	No. & Facility:		Year of Construction	Finance	d bv:
Viqueque	06 - Proposed Dist	ribution Main			
Existing Condi	tion:		Photograph:		
-					
Evoluction :					
Evaluation:	ad distribution main	will be cone	tructed to replace the evi	cting CSD	2 inch 8 2
inch which	will be insufficient v	will be cons	in water demand for the	vear 2003	2-111CH & 3-
				year 2000.	
Rehabilitation	Plan:				
1) Basic Consider	ration:				
For effective	e distribution of wat	er the distrib	ution network must be ad	equate.	
2) Civil Mark: por					
2) Civil Work. Not	le				
3) Piping work:					
Installation	of 100mm x 1.0 km	and 75mm	x 2.0 km		
Installation	of gate valves 100n	nm x 3 sets;	75mm x 2 sets; 50mm x	2 sets	
Installation	of air release valves	s and blow-o	ff		
4) Mechanical wo	rk: none				
5) Electrical work.	: none				
,					
6) Miscellaneous:	none				
Estimated cost	t•	Construct	tion schedule:	Pri	ioritv [.]
		201100 000		''	D 1
05\$6	מוכ,וכ			1	D-1

Town	No & Facility		Year of Construction	Finand	ced by:
Same	01 - Darelau	Intake		i man	ocu by.
Existing Condit	tion:	Intake	Photograph:		
Existing Condit	r collecting chambe	r (concrete)	r notograph.		
Dimonsion:	, collecting chambe			Res Contractor	
Dimension. Observed flow rate	o: 201 /coc 201 /c				
Cupstion, Downed	3. 20L/Sec - 30 L/St	30			
Function. Raw wa			AND BUS THE		
Source of water.	Dareiau spring		A the second		and the second
Ground level (ams	<i>si):</i>				A State of the
Accessories:				K Carl	Carl Carl
Intake pipes	: GSP 3-inch		BALL AND		
				- AND	
					A Date
			and the second second		
				1 State	B THE LAND
				(Date:	April 2000)
Evaluation:					
In operation					
Lacks routin	e maintenance				
Not securely	protected nor cove	ered			
-					
Rehabilitation F	Plan:				
1) Basic Calculatio	on				
,					
2) Civil Work					
Installation of	of appropriate cove	r			
motaliation		1			
2) Dining works					
3) Piping work:	. <i>f</i> fla				
Installation of	of flow meter and co	ontrol valve			
	_				
4) Mechanical wor	<i>k:</i> none				
5) Electrical work:	none				
6) Miscellaneous:	none				
Estimated cost		Construct	ion schedule:	F	Priority:
	2 834				- R_2
0394	2,034				D-2

Town	No. & Facility:		Year of Construction	Final	nced by:
Same	02 - Darelau Transi	mission Main			,
Existing Condition	tion:		Photograph:		
Facility: Transmis	sion main				
Diameter: GSP 3-	inch				
Length: GSP 3-ind	ch				
Function: To convey w	ater from Darelau to Hu	larua reservoir			
Accessories:					
				(Data	. _{``}
Evaluation:				Date	.)
Numerous le	eaks were seen alo	na the pipeli	ne		
The pipeline	is vulnerable to da	imade			
Pipeline is n	ot properly installed	d			
Rehabilitation	Plan:				
1) Basic Consider	ation:				
Requires re	pair and routine ma	intenance			
	-				
2) Civil Work: non	е				
2) Dining works					
3) PIPING WORK	mont/rolagotion CC		20 m		
Pipe realign	finent/relocation Go		20 III 2 aoto		
Installation	of nine bridges at 2	locations G	$SP_{3-inch} \times 30 m$		
Installation	or pipe bridges at 2	Iocations G			
4) Mechanical wor	rk: none				
5) Electrical work:	none				
·					
6) Miscellaneous:	none				
	-	0	1		
Estimated cost	:	construct	ion schedule:		Priority:
US\$	5,724				B-1

Town	No. & Facility:		Year of Construction	Financ	ed by:
Same	03 - Posto Re	eservoir			
Fxistina Condit	tion:	5001701	Photograph:		
Facility: Elevated	service reservoir	İ	1 110109.50		
Structure: Reinfor	ced concrete				
Shape: Rectangul	ar			Service and	
Dimension: 5m x t	5m x 2.0m (approxi	mately)		11 1975	
<i>Capacity: 50</i> m ³	· · · ·	, ,		A CAL	
Function: Storage					
Source of Water:	Kotalala Spring				100
Ground level (ams	sl):	İ			A CONTRACTOR OF
Accessories:				N PARE	
Inlet: GSP 3	-inch				
				(Date:)
Evaluation:			L	,	·
Not in use d	ue to damage caus	ed by the vio	blence		
Rehabilitation F	Plan:				
1) Basic Calculation Required stor Storage cap No need to e	on orage capacity: 155 acity of existing = 5 expand.	54m3 x 15% : 50 m ³	x 8hrs/24hrs = 50 m ³		
2) Civil Work: Installation c	of security fence				
3) Piping work: Installation o	of pipes 75mm x 50)m, flow mete	er, controller and air relea	ase valve	
4) Mechanical wor	k: none				
5) Electrical work:	none				
6) Miscellaneous: Installation c	of chlorine dosage o	devices (pipe	e injection type)		
Estimated cost:	:	Construct	ion schedule:	P	Priority:
US\$8	3,102				B-1

Town	No. & Facility:		Year of Construction	Financed by:
Same	04 - Hularua F	Reservoir		
Existing Condit	tion:		Photograph:	<u> </u>
Eacility: Service re	eservoir		i notograpin	
Structure: Reinfor	ced concrete			alles.
Shape: Rectangul	ar		Contraction of the second	183 A.
Dimension: 5 0m	x 5 0m x 1 2m		C DECK C	
Canacity: 30m ³	X 0.0111 X 1.2111			
Eunction: Storage			A CONTRACTOR OF THE	Res Parts
Source of Water	Darelau Spring		State of the second second	In the second second
Ground level (ams			State of the second sec	
Accessories:	<i></i>		2 SECTION PROVIN	
Accessones.			1243 - 2018 223	
				Aller and the
				Contraction of the state
				AN AN ASSALLAND
				(Data:
Evaluation				(Dale.
Evaluation.	king condition			
in good won	king condition			
Pohabilitation I	Dlani			
1) Basic Calculatio)[]	- 4 ³ - 4 - O - O (- 1	(0)	0m ³
Required sid	brage capacity. Too	04111 X 20%)	$c_{0115/24115} = 19011 > 3$	Um
it needs exp	ansion of the reser	IVOII.		
2) Civil Work:				
2) CIVII WOIK.	a of now atorago re		volumo – 160 m ³ includir	a onnurtononooo
Construction	of force and staff			ig appullenances
Construction	Tor rence and starr	nouse.		
3) Piping Work:	t of inlate and outle		he installation of flow me	tor and controller
Realignmen	t of inlets and outle	ets including t	ine installation of flow me	ter and controller
	4			
4) Mechanical wor	<i>k:</i> none			
5) Electrical work:	none			
6) Miscellaneous:	none			
Estimated cost	:	Construct	ion schedule:	Priority:
US\$2	6,171			B-2

Town	No. & Facility:		Year of Construction	Financed by:
Same	05 - Merbati F	Reservoir		· · · · · · · · · · · · · · ·
Existing Condit	tion:		Photograph:	
Facility: Service re	eservoir		·	
Structure: Reinfor	ced Concrete			
Shape: Rectangul	lar			
Dimension: 8.4m x	< 5.7m x 3.4m			AN ATTACK
<i>Capacity:</i> 150 m ³			The second second	
Function: Storage	÷			and the state of the
Source of Water:	Merbati Spring		A A A	A PARA AND
Ground level (ams	sI):		A Share and	and the man shall
Accessories:				State State State
			Law Law	BAR STATE
			2. Aller	a Charles
			Ser all the pro-	
			All and a state of the	
				Contraction of the
				(Date:
Evaluation:				
In good wor	king condition			
ũ	6			
Rehabilitation I	Plan:	-		
1) Basic Calculatio	on			
Required st	orage: 1554 m ³ x 4	5% x 8hrs/24	$lhrs = 230 \text{ m}^3 > 150 \text{ m}^3$	
It needs exc	pansion.	0/0/12		
It is assume	d that 45% of the te	otal service a	rea is served by this rese	rvoir
2) Civil Work:				
Construction	n of the service res	ervoir with vo	$hume = 80 m^3$	
dimer	$resign: 5m \times 5m \times 3$	4m		
Construction	n of fence and staff	house		
COnstruction		House		
2) Dining work:				
3) Fipling work.	of nine connections		orflow ventilation and dra	nin
matanation	or hite connections			4111.
1) Machanical way	de nono			
4) Mechanical wor	rk: none			
5) Electrical work:	none			
6) Miscellaneous:				
Installation of	of chlorination devic	ces		
Estimated cost		Construct	ion schedule:	Priority:
US\$2	27,300			B-2

Town	No. & Facility:		Year of Construction	Financed b	V:
Same	06 - Distribution Ma	in Installation			
Existing Condi	tion:		Photograph:		
U			0		
				(Date:)
Evaluation:					
Most of the	small diameter mai	ns were dam	aged by the post referen	dum violence a	and
needs repla	cement.				
Rehabilitation	Plan:				
1) Basic Consider	ation				
To establish	three supply zone	s in the servi	ce area including installa	tion of flow con	trol
valves and	pipe interconnectior	าร.	0		
2) Civil Work: non	IE				
2) Dining work:					
<i>5) Fipling work.</i> Installation	of distribution main	32mm x 3 kr	m + 25mm x 3.0 km inclu	ding gate valve	29
(150	mm x 2 + 75mm x 1	0) air releas	se valves and blow-off	any gate valve	,5
(o), an ioicai			
4) Mechanical wor	rk: none				
5) Electrical work:	none				
6) Miscellaneous:	none				
Estimated cost	/				
Estimated COSt	-	Construct	ion schedule:	Priorit	y:

-					
Town	No. & Facility		Year of Construction	Financed by:	
Ainaro	01 - Raw V	Vater			
7 111010	Transmission	Channel			
Existing Condit	tion:		Photograph:		
Facility: Raw wate	r concrete channel				
Technical Descrip	tion:			A AND	TANK .
Concrete-m	ade conduit consis	ting of 2		To ANY	
channels x 8	80 m. one closed co	onduit is for		C C C Z	
water supply	v and the open cha	nnel (25 cm	ACRES AND	1225	26
wdt x 25 cm	ht) for irrigation				ALL I
Eurotion: to trans	mit row water to the			A THE MAN	
					1 and
				A LAND TH	the second
				A LANCE	States
					AT .
			E ADRIAN AND	CARLA PAR	25
			L'A Map	WHEN PROPERTY	B LAR
					Text)
				A COLORADO	1.45
			AT THE PARTY	- China	
				(Date [.])
Evaluation [.]				(Bato.	/
In operation	but several of the	snans have h	oroken concrete covers		
in operation		spans nave i	foren concrete covers.		
	<u></u>				
Renabilitation I	Plan:				
1) Basic Consider	ation:				
After rainfall	, surface runoff nor	mally enters	into the channel through	the broken covers	
resulting to t	the degradation of v	water quality.			
2) Civil Work:					
Installation of	of new concrete cov	vers at appro	ximately 50 m span (or 5	0 pcs.) with the	
following sp	ecifications:			• /	
Width	= 35.0 cm Lenat	h = 1.0 m	Thickness = 5.0 cm		
3) Pining work: no	ne				
5) i ipilig work. No					
4) Mechanical wor	rk: none				
5) Electrical work:	none				
6) Miscellaneous:	none				
Estimated cost		Construct	ion schedule:	Priority	
USS	236			A-2	

Town	No. & Facility:		Year of Construction	Financed by:		
Ainaro	02 - Nugupc	WTP				
Existing Condition:			Photograph:			
Function: Treatment of raw water				24. M		
Ground level (amsl,	Ŋ:					
Production Capacit	ty: 15L/sec			the state of the		
Process: grit cham	ber - 13 m x 3 m x	: 2.4 m	and the second	1.1		
slow sand f	filter x 2 basins - 7	m x 22 m		a manufacture of the		
Design filtration rate	e: 4.2m/day			The Art and The State of		
Source of Water: Sp	pring water through	the channel				
Ground level:						
Accessories:	the meshe of volu	• · · · • • • •	A A A A A A A			
Storage rese	rvoir: made of rein	forcea	A Constant of the second			
	tangular shapeu (
	11) Will a sloraye o poed with chlorine	doeado	A REAL AND AND A			
devices		uusaye	Fall . Little .			
001000			Mar al Cat 1 Mar Share	(Data:		
Evolution				(Date.)		
The WTP is r	not operational due	e to lack of r	outine maintenance. Thic	k laver of silt and clav		
had accumula	lated in the filter m	edia causinc	operational problems su	ich as blockades. The		
grit chamber	is not properly des	signed and c	constructed. Water level r	emains always low due		
to the absend	ce of flow control.			••••••••••••••••••••••••••••••••••••••		
Rehabilitation P	lan:					
1) Basic Considerat	ition:					
Rehabilitation	n of the grit chamb	er including	the installation of flow co	ntrol devices to avoid		
the entry of fl	loating matters into	o the SSF.				
Routine main	ntenance of the W	ΓP by regula	r washing of the filter me	dia.		
2) Civil Work:						
Rehabilitation	n of the grit chamb	er to include	the following:			
Constr	uction of overflow	weir at the g	rit chamber.			
S	Specification of we	ir: width = 3	0 cm, height = 30 cm			
Construction	of concrete apron	for washing	sand (10m x 20mx 20cn	n thickness)		
3) Piping work:						
Installation of	f flow control valve	s such as 15	50mm butterfly valves			
4) Mechanicai work	c none					
5) Electrical work:	2020					
5) Electrical work.	none					
6) Miscellaneous: r	6) Miscellaneous: none					
Estimated cost:		Construct	tion schedule:	Priority:		
115\$7	,814			A-1		

Town	No. & Facility:		Year of Construction	Financed by:	
Ainaro	03 - Kamilaran 1	Reservoir			
Fxisting Condition		Photograph:	1		
Facility: Service re	Eacility: Service reservoir				
Structure: Reinforced concrete				Start Con	
Shape: Rectangul	Shape: Rectangular				
<i>Dimension:</i> 5.5 m	x 5.5 m x 2 m				
<i>Capacity:</i> 50 m ³					
Function: Storage			The second second second second second second second second second second second second second second second s		
Source of Water: Un	treated water from Irr	igation Canal	- Alto	HANN VIN	
Ground level:		-			
Accessories:					
				NT AT	
			CALLAN DAMES		
				S SHELTRAN	
			の日本には「「注意」		
				(Date:	
Evaluation:					
In operation	but lacks routine m	naintenance.	Sand is deposited in the	tank.	
Raw water s	stored in this reserv	oir is supplie	ed to the consumers witho	out treatment	
Rehabilitation I	Plan:				
1) Basic Considera	ation:				
Transmissio	n main that connec	ts this reser	voir should be realigned t	o the WTP so that the	
raw water w	ill be treated prior t	o distribution	a. Regular routine mainter	hance should be	
Storage req	uired: water deman	d 1025m3/d	ay x 8/24 = 342m3		
Existing res	ervoir: 200m3, ther	efore, 342 - 2	200 = 142m3 storage req	uired.	
2) Civil Work:	<i>.</i> .				
Construction	n of new service res	servoir (8m x	(8m x 2.5m) with necess	ary appurtenances	
beside the e	existing				
Construction	n of security fence				
2) Dining works					
3) FIPING WORK.	mont of 150mm v C	0 m includin	a installation of flow moto	r and control	
Pipe realign			g installation of now mete	r and control	
4) Mechanical wor	k. none				
	A. Hone				
5) Electrical work: none					
-,					
6) Miscellaneous: none					
Estimated cost	:	Construct	ion schedule:	Priority:	
US\$2	1,842			A-2	

Town	No. & Facility		Year of Construction	Financed by:
Ainaro	04 - Kamilaran 2	Reservoir		i manoca sy:
Existing Condition:			Photograph:	
Facility: Service reservoir				
Structure: Reinfor	ced concrete			
Shape: Rectangul	ar			
Dimension: 6.0m	x 4.0m x 2.1m		ALC MARKED TO LOOK	A Change in the
Capacity: 50m ³				
Function: Storage	1		in the second second second	
Source of Water:	Nugupo WTP		Salar Barris A.	Contract - A sport
Ground level (ams	sl):			The second second
Accessories:				
				(Date:
Evaluation:	the set of the set	I		
In operation	but the starr nouse	> was damage	؛ط	
Renabilitation r	Plan:			
1) Basic Considera	<i>ation:</i>	curity fonco		
2) Civil Work:				
Repair of stat Constructior	f house including re-i of security fence.	installation of th	ne roofing system (Area =	approximately 3m x 6m)
2) Dining work:				
Installation o	of flow control and r	measuring de [.]	vices.	
4) Mechanical wor	'k: none			
5) Electrical work:	none			
6) Miscellaneous:	none			
Estimated cost	:	Constructi	on schedule:	Priority:
US\$	9,622			A-2

Town	No. & Facility:		Year of Construction	Financed by:	
Ainaro	05 - Distributio	on Main			
Existing Condi	tion:		Photograph:		
Diameter : GSP 6	S-inch to 1-inch		notograpii.		
Function: For water	r supply distribution to	consumers			
Accessories		Concarnero			
Gate valves					
Gate valves	,				
				(Date:	
Evaluation:				(Date.	
In operation	hut experiences si	ubstantial wa	ter losses and wastage d	lue to nine leaks and	
nine blocka	nes		ter 105565 and wastage o		
	900.				
Rehabilitation	Plan [.]				
1) Basic Consider	ration				
Rearrangen	nent of distribution r	mains is requ	uired to establish two sup	ply zones in the service	
Repair of th	e pipe leaks and cl	eaning/cleari	ng of blockages.		
Requires re	aular flushing of the	e pipelines	ng er brochageer		
	genen noening er int	, p.p.c			
2) Civil Work: nor	1e				
,					
3) Piping work:					
Pipe installa	ation from Reservoi	r 1 & 2: 150r	nm x 3.9 km: 75mm x 40	0 m:	
Gate valve	installation: 150mm	x 6 sets: 10	0mm x 3 sets: 75mm x 2	sets	
Butterfly val	lve installation: 150	mm x 1 set	, -		
Works requ	ired for isolating su	oply zones			
	0				
4) Mechanical wo	rk: none				
,					
5) Electrical work: none					
6) Miscellaneous:	none				
Estimated cost		Construct	ion schedule:	Priority:	
US\$1	63,054			A-1	

Town	No. & Facility:		Year of Construction	Financed by:		
Ailou	01 - Mantan	e River				
Alleu	Infiltration G	Sallery				
Existing Condit	tion:		Photograph:			
Source of Water:	Mantane River					
Function: Draws w	vater and pumps to					
Gov't.	Housing Reservoir	r				
Major facilities: wat	ter collection pipe &	7 chamber,				
pump	pit & booster pump	oing station				
Water collection pl	ipe specification:			50		
2 sets	GSP 3-inch x 50 m	laid 100 cm		all all and a		
belov	v the river bed.			The second		
Pump type: Centri	fugal pump					
Pump capacity: 2	sets of 1m3/min (c	or 16 L/sec)	- Same			
x 83 m	head x 22 kW (1 duty	& 1 standby)				
Generator: damag	jed		And Statements and Statem			
Accessories:				No.		
Pump panel	- heavily damaged			A Star and a star		
Ground level (ams	sl):					
,	,			(Date:)		
Evaluation:				· · ·		
The infiltration	on gallery is not pro	perly design	ed and constructed result	ing to low quantity and		
quality of wa	ater.					
The pumpin	g facilities are in go	od condition	, however the generator s	set and other electrical		
equipment v	vere heavily damag	ed during the	e violence.			
Rehabilitation F	Plan:	-				
1) Basic Considera	ation					
Reconstruct	ion of the infiltration	n gallery to a	n acceptable standard wi	l improve water		
production f	rom this source.	<u>.</u>				
· ·						
2) Civil Work:						
Construction	n of the infiltration of	allerv with th	e following specifications			
Pump	nit: 2 0m dia x hei	aht 5 0m - or	he hasin			
Pump	ing house: 6 0m x	8 0m with tw	o rooms			
Construction	of the security fer		0100113			
2) Dining work:	TOT THE SECURITY TER	ce.				
3) Fipility WOIK.	d longth, 200mm y	200				
Diameter an	helew the ground					
Depth. 2.5m	i below the ground	valer level				
1) Machanical war	k: nono					
	A. HUHE					
5) Electrical work:						
Watt hour Motor Boy v1cot Eucl Took 4501 v1cot						
Main Dowor	Main Dower Switch Denel vlact Dump Control Deard vlact					
Concreter Set 1001/1/4 v1act						
6) Miscellanoous						
Estimated cost.		Construct	ion schedule:	Priority:		
US\$8	2,710			B-1		

Town	No. & Facility:		Year of Construction	Financed by:	
Aileu	02 - Govt. Housin	g Reservoir		-	
Existing Condition:			Photograph:		
Future: Service reservoir					
Structure: Reinforced concrete					
Shape: Rectangul	ar				
Dimension: 8.0 m	x 8.5 m x 3.5 m		and the second second	State of the second	
Capacity: 175m ³			and the second sec		
Function: Storage					
Source of Water: N	lantane River Infiltra	ation Gallery	TT		
Ground level (ams	sl):		f		
Accessories:					
Chlorine dos	sing equipment		The Article Property of the Ar		
			2. 元代的是 用于 化合物	And And And And And And And And And And	
				Harris and Brand and	
				(Dete:	
Evoluction				(Dale:	
Evaluation. Not in use d	ue to pop operation	a of the infiltr	ation callony which is the	water cource	
NOL IT USE U	ue to non-operation		alloff gallery which is the	water source.	
Rehabilitation F	Plan:				
1) Basic Calculatio	on and a second s				
2) Civil Work:					
Installation of	of water level gauge	э.			
3) Piping work:					
Installation of	of 150mm flow met	er and contro	ol valve		
Mechanical wor	<i>k:</i> none				
5) Electrical work: none					
6) Misselleneous; none					
o) iviiscellaneous:					
Estimated cost		Construct	ion schedule [.]	Priority	
		201100 400			
US\$6	5,122			B-2	

Town	No. & Facility:		Year of Construction	Financed by:
Aileu	03 - Marele Re	eservoir 1		•
Existing Condit	tion:		Photograph:	
Facility: Service re	eservoir			
Structure: Reinfor	ced Concrete			
Shape: Rectangul	ar			
Dimension:				LAVELY STR
Capacity: 50m ³			N/A MALEN THE	
Function: Storage				
Source of Water:	Naufaizaram Spring	g		
Ground level:		-	Int a second of the	
Accessories:			at - The sea	/ Lin has 1
				A DEL - THE MAN
				AND THE STREET
			A Bund	
			Carlo And	State of the state
				(Date:
Evaluation:				
In use				
1				
Rehabilitation F	Plan:			
1) Rasic Calculatio	מר			
I) Bucio calle	//			
2) Civil Work:				
Installation of	of water level dauge	د		
niotanatio	n water level gauge	/.		
2) Dining Work				
Jinetallation (of 75mm flow meter	r and control		
matanation			Valve	
1) Machanical way	1			
4) Mechanical wor	<i>k:</i> none			
5) Electrical work:	none			
6) Miscellaneous:	none			
Estimated cost	:	Construct	tion schedule:	Priority:

Town	No. & Facility:		Year of Construction	Finar	nced by:
Aileu	04 - Proposed I	Reservoir			
Existing Condition	Existing Condition:		Photograph:		
U					
Evaluation:			•		
Debebilitetien					
	Plan:				
1) Basic Calculatio	oroquiromont in 20	102 - 1161 m	$n^{3}/d_{2} \times 2/24 - 225 m^{3}$		
Existing stor	rade capacity – 300) m ³	1 /uay x 0/24 = 303 m		
Storage = 3	85 - 275 – 115 m ³	/ 111			
Otorago – O	210 - 110 111				
2) Civil Work:					
Construction	of the service reservo	ir with the cap	acity of 115 m ³ including the	necess	ary appurtenances.
Size: 8m x 8	3.5m x 3.5m at a sir	milar size as	the existing reservoir for	operati	ional purpose
Construction	n of the security fer	ice			
3) Piping Work:					
Pipe interco	nnection to the exis	sting includin	g the installation of flow n	neter a	nd control valve
1) Mechanical wor	k: none				
	A. HOHE				
5) Electrical work:	none				
6) Miscellaneous:	none				
Estimated cost		Construct	ion schedule:		Priority:
	-	201100 400			D 0
05\$3	0,401				D-2