Town :	No. & Facility:		Year of Construction	Financed by:
Suai	06 - Maugusu Sr	oring Intake		
Existing Condit	tion:		Photograph:	
Facilities: Water c	ollection tank		-	
Structure: concrete	е			
Dimension:			Carl Carl	
Observed flow: less	than 0.5 L/sec in 10	) / 20 / 2000	SALLAN AND A	-7.10. C. 199 5
Function: spring w	ater collection			De th
Elevation (amsl) :				
<i>Accessories:</i> none	>			
				(Date: )
Evaluation: 1. In operation: 2. Yield decrea 3. Quality of wa 4. Lacks routin 5. Source is no	ases in dry season. ater decreases duri ne maintenance. ot well-secured.	ing rainy sea	son.	
Rehabilitation F	Plan:			
1) Basic Considera Routine mai	ation : ntenance of the fac	cilities to be i	mproved. Water source to	o be well-secured.
2) Civil Architectur a) Constructior b) Installation (	<i>ือl:</i> า of grit chamber (2 of security fence.	?m x 2m x 1.	5m)	
3) Piping work: Interconnect	tion of the existing	pipeline at in	take (50mm)	
4) Mechanical wor	k: none			
5) Electrical work:	none			
6) Miscellaneous:	none			
Estimated cost	:	Construct	ion schedule:	Priority:
US\$8	5,510			B-2

Town :	No. & Facility:		Year of Construction	Finan	ced by:
Suai	07 - Berel	uik 1		Por	tuquese gov't
Existing Condit	tion:		Photograph:		0 0
Facility: Service re	eservoir				
Structure: Reinfor	ced Concrete				
Shape: Rectangul	ar				11/1 / 11/2
Dimension: 7.4m	x 5.5m x 5.0m		All section of a sec		
Capacity: 180m <sup>3</sup>			The Part of the State	- the	The lot of the state
Function: Storage			the later of the second	No. of Concession, Name	and the Baser
Source of Water:	Kululai & Maugusu	, and from		Contraction of	A STATE OF STATE
Bereluik 2 reservo	ir		and the second	and the second	1 2 2
				*	
Elevation (amsl) :			and the second sec	TE STORES	
Accessories: vent	ilators, overflow & o	drains	THE REAL PROPERTY OF		and the second second
				and surgers and	
			and the state of the	it is an	ALC: NOT
				19-18-	
					,
<b>F</b> . <b>1 (</b> )				(Date:	)
Evaluation:					
1. In operation					
2. No flow cont	trol and measuring	equipment.			
3. Lacks routin	le maintenance.				
Rehabilitation F	Plan <sup>.</sup>				
1) Basic Consider	ation:				
Routine mai	intenance to be imr	woved Insta	llation of flow control and	measu	ring devices
				modod	ing devices .
2) Civil Architectur	<i>al:</i> none				
3) Piping work:					
Rearrangem	nent of pipelines to	include the i	nstallation of flow control	and me	easuring devices
and water le	evel gauge.				-
4) Mechanical wor	<i>k:</i> none				
5) Electrical work:	none				
6) Miscellaneous:	6) Miscellaneous: none				
			·····	r	<b>D</b>
Estimated cost.	:	Construct	ion schedule:	1	Priority:
US\$3	3,631				B-2

Town :	No. & Facility:		Year of Construction	Financed by:	
Suai	08 - Berel	uik 2		AusAID	
Existing Condit	tion:		Photograph:		
Facility: Service re	eservoir				
Structure: Steel w	ith vinyl coating				
Shape: Circular	, ,				
Dimension: ø7m x 2.5m ht.				No A	
<i>Volume:</i> 96m <sup>3</sup>				Date of the	
Function: Storage			A DENT		
Source of Water:	Ameriko and Olivio		A Same Ti		
Elevation (amsl) :					
Accessories:				A CONTRACTOR	
Water level	gauge and flow cor	ntrol valves	and the second		
Water level	gaage and new cor			Share and the second second	
				and the second	
			Car Barris		
			and the second s	and the second	
				(Data:	
Evaluation:				(Dale. )	
1 In operation					
2 Poutino mai	Intonanco to bo imp	rovod			
2. Routine mai		noveu.			
Rehabilitation I	Plan				
1) Basic Consider	ation :				
The receive	irc (1 and 2) site s	bould be co	auroly fonced		
The reservo			Surely lenced.		
2) Civil Architectur	al: construction of	otoff house f	or operation		
2) Civil Architectur		stan nouse i			
3) Piping work: no	ne				
4) Mechanical wor	<i>k:</i> none				
5) Electrical work:	none				
6) Miscellaneous: repair of level meter					
Estimated cost		Construct	ion schedule:	Priority:	
USS	5.433			B-2	
0000	.,				

Town	No. & Facility:		Year of Construction	Finar	nced by:
Suai	09 - Prop	osed			
Proposed Cond	lition:		Photograph:		
-					
Facility : Slow sand	d filtration				
Design Filtration R	Rate: 4.5m/day				
Source from: Ame	rico, Kuluai, Olilvio,	Maugusu			
Supply to: Leugor	e 1&2				
Elevation (amsl) :					
Note: The propose	ed slow sand filters	will be			
constructed	close to the existin	g Bereluik			
reservoirs.					
Evaluation:					
The water o	uality from the sou	rce requires	treatment of the water prid	or to di	istribution.
			· · · · · · · · · · · · · · · · · · ·		
Rehabilitation F	Plan:				
1) Basic Considera	ation:				
Design intak	ke rate at the existing	ng four surfa	ce water sources (Americ	o, Kulu	uai, Olivio,
Mauguso) is	s 12L/sec in total. T	wo basins of	SSF will be constructed.		
Assuming des	sign filtration rate 4.5r	n3/m2/day, ree	quired surface area for filtration	on is co	mputed as follows:
= 12 *	86,400/1000 / 4.5				
= 230	m <sup>2</sup>				
2) Civil Work:					
Construction	n of SSF, concrete	apron for sa	nd washing (below are the	e spec	ifications), fence
and staff ho	use.		<b>A</b>		
SSF:		/-l	Apron:		
Filtrat	ion rate: 4.5m3/m2	/day	Structure: concrete	aaiaht	apparated into
Size:	8m x 15m - two bas	sins	Size: 8m x 12m x 40cm i	neight	separated into
2) Pining work:			lwo		
5) Fipilig Work. 150mm & 20	00mm GS nine inst	allation			
Installation of	of nate values flow	meter and c	ontroller and other appurt	enanc	65
200mm GS	nine installation to	interconnect	to the existing	Chanc	03.
20011111 00			to the existing		
4) Mechanical wor	<i>k:</i> none				
,					
5) Electrical work:	none				
	none				
0) 11/2000					
6) Miscellaneous:					
Installation of	of chlorination facili	ties.	2		
Land acquis	ition with approxim	ate area, A =	= 1,600 m <sup>∠</sup>		
Estimated cost	-	Construct	ion schedule:		Priority:
	-				
US\$17	70,381				B-2

Town :	No. & Facility:		Year of Construction	Financed by:
Suai	10 - Leugo	ore 1		Portuguese gov't
Existing Condit	tion:		Photograph:	
Facility: Service re	eservoir			
Structure: Reinfor	ced Concrete			
Shape: Rectangul	ar			
Dimension: 6m x \$	5m x 3m		1	
Volume: 90m <sup>3</sup>			- AND ALLA	
Function: Storage			A Contraction	A A A A A A A A A A A A A A A A A A A
Source of Water:	Bereluik 1			
Elevation (amsl) :				TO THE REAL PROPERTY
Accessories: none	9		· Jacob - Anna -	
			ATT LEAST	Contraction of the second
				and the second
			STREET ROOM	
			A STANK AND A STANK	
				(Date: )
Evaluation:				, , ,
1. In operation	•			
2. Lacks routin	e maintenance.			
Rehabilitation F	Plan:			
1) Basic Considera	ation :			
This reserve	oir, which is supplie	d from the su	urface water sources thro	ugh Bereluik 1 was
constructed	to supply the consu	umers locate	d at the high zone. Due to	o limited supply, water
shortage is	experienced at the	higher zone.		
2) Civil Architectur	<i>al:</i> none			
3) Piping work:				
Installation of	of flow control and r	measuring de	evices.	
4) Mechanical wor	<i>k:</i> none			
5) Electrical work:	none			
6) Miscellaneous:				
Installation of	of chlorine dosage of	devices		
	Ŭ			
Estimated cost		Construct	ion schedule:	Priority:
US\$	5.579			B-2
0.000	-,			

Town :	No. & Facility:		Year of Construction	Financed by:	
Suai	11 - Leugo	ore 2		Australia	
Existing Condit	tion:		Photograph:		
Facility: Service re	eservoir				
Structure: Steel w	ith vinyl coating				
Shape: Circular					
Dimension: ø7m x	2.5m height		ALL ST	States and the states of the	
Volume: 96m <sup>3</sup>			12.12 Star 19	A CARDON AND	
Function: Storage					
Source of Water: B	ereluik 2 and Hospit	al Reservoir	S 10 400 - 10 401		
Elevation (amsl) :					
Accessories:					
vvater level	gauge				
			Carl Contraction of the Contract	and the second s	
				(Date:	
Evaluation:				(Buto. )	
1. In operation					
Rehabilitation F	Plan:				
1) Basic Considera	ation :				
Supply to th	is reservoir is augn	nented for the	e Hospital Reservoir to su	upply the consumers at	
the high zon	ne. Due to limited su	upply, water	shortage is experienced a	at the high zone.	
2) Civil Architectur	al: none				
3) Pining work: ins	stallation of flow me	ter and cont	roller		
<i>b) I iping work.</i> Inc					
4) Mechanical wor	<i>k:</i> none				
.,					
5) Electrical work:	none				
6) Miscellaneous:	none				
Entimeted as - 1	-	Constant	ion opherdula-	Duio vitu	
Estimated cost.		Construct	ion scheaule:	Priority:	
US\$2	2,579			B-2	

Town :	No. & Facility:		Year of Construction	Financed by:	
Suai	12 - Hospital F	Reservoir	1995	AusAID	
Existing Condit	tion:		Photograph:		
Facility: Service re	ervoir				
Structure: Steel wi	ith vinyl coating				
Shape: Circular					
Dimension: ø 10m	n x 2.5m height				
Capacity: 196m³			Stor Land		
Function: Storage					
Source of Water:	Sukabilaran 1 & 2			-	
Elevation (amsl) :					
Accessories:				2	
Water level	gauge		Televis and the	ACT TO A CONTRACT	
Pumps:				A A A A	
Capacity: 1.7	'm3/min x 40m x 7.5	ikw - 2 sets			
Type: centril	fugal		the contract of the		
Main Power	Switch Panel				
Generator					
Pump Panel	1			(Date: )	
Evaluation:					
I his reservoir was designed to store water pumped from the deep well sources, nowever,					
due to the lin	nited water from th	e sunace wa	ater, it is equipped with a r	booster pump to supply	
water into Leugorez. The booster pump impeners are worn out.					
Rehabilitation F	Dan.				
1) Basic Consider	ation:				
1) Dasic Considera	d into the receivoir.	should be ch	laringd prior to distributio	n The booster nump	
has to be re	nlaced	Should be ci			
Water dema	and 1907m3/day				
Storage reg	uired: 1907 x 20%	x 8hrs/24hrs	$-127m^{2} < 135m^{2}$ (evoa	nsion not required)	
2) Civil Architectur	alica. 1007 x 20707 ali	x 01113/2-41113		nsion not required)	
Installation of	of security fence				
motanation					
3) Pipina work:					
Installation of	of 100mm flow met	er and 100m	nm control valve.		
4) Mechanical wor	'k:				
Replacemer	nt of pumps with fol	lowing speci	fications.		
Capao	city: 1.7m3/min x 40	.) 20 x 7.5kw -	2 sets		
Type:	centrifugal				
	U U				
5) Electrical work:					
Watt-hour M	leter Box x1set	Fuel 7	Fank 180L x1set		
Main Power Switch Panel x1set Pump Control Board x1set					
Generator Set 37.5kVA x1set					
6) Miscellaneous:	6) Miscellaneous:				
Installation of chlorine dosage devices					
<b>_</b>		-			
Estimated cost:		Construct	ion schedule:	Priority:	
US\$8	8,661			B-2	

Town :	No. & Facility:		Year of Construction	Financed by:		
Suai	13 - Proposed I	_eugore 3	-			
Proposed Cond	lition:		Photograph:			
Facility: Service re	servoir					
Function: Storage						
Source of Water: De	ep well ( proposed Su	ıkabilaran 3)				
Elevation (amsl) :						
Note:						
The propose	ed site has 2 existin	g reservoirs				
(Leugore 1	& 2).					
Evaluation:						
The insuffici	ent water supply ar	nd storage ca	apacity of the existing res	ervoirs cause the water		
shortage at	the higher zone.					
Pahabilitation [	Noni					
1) Basic Considera Water from t	IIIUN :	well ( Sukah	vilaran 2 ) will be numped	into this reservoir to		
supply the c	onsumers located a	at the high z	nalali o j wili de pumpeu na			
Supply the s						
2) Civil Architectur	al:					
Construction	n of an elevated tan	k adjacent to	o the existing with the follo	owing specifications:		
Heigh	t from the ground le	evel: 15.5 m	-			
Volum	າe: 30m <sup>3</sup>					
Struct	ure: Steel					
Appur	tenances: Overflow	v, drain, vent	ilator, flow meter and con	troller		
3) Piping work:						
Installation of	of 75mm GSP x 50	m pipes.				
1) Machanical wor	- <b>I</b>					
4) Mechanical wor	K:	the follow				
Installation C	)F DOOSTEI PUITIP WI	th the ionow	ing specifications.			
5) Electrical work:	Centinuyai					
0) Liectricar work. Watt-hour M	latar Roy v1set	Fuel	Fonk v1cot			
Main Power	Switch Panel x1se	t Pumn	Control Roard x1set			
Generator S	Switch Fanor Area	ւ ւտոր				
6) Miscellaneous:	of Albert					
Land Acquis	Land Acquisition Area – $100m^2$					
Euria / togolo						
Estimated cost:		Construct	ion schedule:	Priority:		
US\$12	22,475			B-1		

Town :	No. & Facility:		Year of Construction	Financed by:
Suai	14 - Proposed Dist	ribution Main		· · · · · · · · · · · · · · · · · · ·
Existing Condit	tion:		Photograph:	
Ũ			0,	
Evaluation:				
Chronic wat	er shortage is acute	e in Tatoli ar	ea.	
Rehabilitation I	Plan:			
1) Basic Considera	ation :			
The propose	ed distribution main	will be insta	lled from distribution main	n to supply Tatoli area.
2) Civil Architectur	ral: none			
2) Pining work:				
<i>S) Fipling Work.</i> Installation of	of distribution main	with the follo	wing specifications .	
Diame	eter & length: 3 incl	n GSP x 1km		
Funct	ion: To distribute w	ater to Tatoli	i	
Acces	ssories: gate valves	, air valves,	blow-offs	
4) Mechanical wor	rk: none			
5) Electrical work:	none			
6) Miscellaneous:	none			
e, m.coonarioouo.				
Estimated cost	:	Construct	tion schedule:	Priority:
US\$2	25,000			B-1

Town :	No. & Facility:		Year of Construction	Financed b	у:	
Suai	15 - Proposed Su	ıkabilaran 3				
Proposed Cond	lition:		Photograph:			
Facility : Deep well Supply to: Propos Elevation (amsl) : Note:	ed Leugore 3					
The proposed deepwell will be constructed close to the existing Sukabilaran deepwell.						
<b>Rehabilitation Plan:</b> 1) Basic Consideration : Water from this proposed deepwell will be pumped into Leugore 3 to supply water to the consumers located at the high zone.						
2) Civil Architectur a) Geophysica b) Well drilling c) Constructior	a <i>l:</i> I survey of deep well with C n of pumping station	apacity of 5 n and securit	L/s ty fence.			
3) Piping work: Installation o	of 75mm x 3.0km tr	ansmission I	main to the proposed Leu	gore 3 reserve	oir.	
<i>4) Mechanical work:</i> Installation of pump with the following specifications. Pump capacity: 5 L/s Type: submersible pump						
5) Electrical work: Watt-hour Meter Box x1 Fuel Tank x1 Main Power Switch Panel x1 Pump Control Board x1 Generator Set x1						
6) Miscellaneous: Land Acquisition Area = 200m <sup>2</sup>						
Estimated cost	:	Construct	ion schedule:	Prioria	tv:	
	81 727				F_1	
03010	JI, I Z I				ו-ט	

Town	No & Facility		Year of Construction	Financed by:
Maliana	01-Δikumu	Spring		
Evicting Condition	tion:	oping	Photograph:	
			i notograpii.	
			Site not vis	sited
				(Date.)
Evaluation: Yiel	Id decreases to aim	iost nil during	g dry season.	
Rehabilitation	Plan:			
1) Basic Consider	ation:			
To be aband	doned due to low yi	eld and low v	vater quality.	
2) Civil Work: non	e			
,	-			
2) Dining work: no	200			
S) FIDING WORK. NO	ле			
<ol><li>Mechanical wor</li></ol>	rk: none			
5) Electrical work:	none			
6) Miscellaneous:	none			
-,				
Estimated asat		Construct	ion schodulor	Driarity
		Construct	ion schedule:	Friority:
No	one			-

Town	No. & Facility:		Year of Construction	Financed by:	
10WI	02-Reanelu/Da	buci and		Thanood Sy.	
Maliana	Reamos Sr	ninne			
Evicting Condit	tion	лпуз	Dhataaranh:		
Existing Condit			n notograph.		
Structure:					
Shane:					
Dimension:					
Intake flow: 51 /se	C				
	0				
Function: intake					
Ground level: Site not visited					
Accessories:					
/1000000/100.					
				(Date:	
Evaluation:				(200)	
In operation	1				
Need minor	rehabilitation includ	ding installati	on of security fence.		
Rehabilitation I	Plan:				
1) Basic Consider	ation:				
Entry into sr	oring intakes should	l be restricte	d by the construction of s	ecurity fence.	
	shing intertee energie				
2) Civil Work:					
Construction	n of security fence a	around the 3	intake sites.		
00110110101					
3) Piping work: nc	one				
o) : .pgo					
1) Mechanical wou	rk: none				
	A. Home				
5) Electrical work:	nono				
5) Electrical work.	none				
6) Misselleneous; pene					
0) Miscellarieous.	none				
Estimated cost		Construct	ion schodulo:	Priority:	
	•	Construct	ion schedule.	Friority.	
US\$4	4,500			B-2	

Town	No & Eacility:		Vear of Construction	Einanced by:			
Moliono		Stroom		T manced by.			
	US-Deremau	Sileani	Dhata awa a ha				
Existing Condition:			Photograph:				
Facilities: intake c	hamber						
Shape: pentagon	Shape: pentagon						
Dimension: 2.9m	x 3.8m x 3.6m x 3.0	Dm					
Intake Rate: 2L/se	ec						
Function: Water c	ollection intake						
Elevation(amsl):			Site not vis	sited			
Accessories:							
6 inch GSP	intake pipe						
			(Date: )				
Evaluation:							
Sufficient wa	ater is available from	m this source	e, however the intake faci	lities was not properly			
constructed				,			
Rehabilitation	Plan <sup>.</sup>						
1) Basic Consider	ation:						
Construction	a of wair could imp	ovo wator im	poundmont thoroby incre	acing water abstraction			
from this op	ring lateke rete wil	Uve water in		asing water abstraction			
from this sp	nng. make rate wi	i de incresed	ITOIN 2L/Sec to TOL/Sec.				
2) Civil Work:							
Construction	n of weir: 1m heigh	t x 3m width	across the main stream.				
Rehabilitatio	on of intake chambe	er including in	nstallation of screen and	concrete covers.			
Construction	n of security fence.						
3) Piping work: no	one						
<i>,</i> , , , ,							
1) Machanical wa	rk: nono						
	k. none						
5) Electrical work:	5) Electrical work: none						
6) Miscellaneous: none							
-,							
Estimated as at	-	Construct	ion schodular	Priority			
Estimated COSt		Construct	ion schedule:	Filofity:			
US\$	4,730			B-1			

Town	No. & Facility:		Year of Construction	Financed by:		
Maliana	04-Raw Water Trans	mission Main		-		
Existing Condition:			Photograph:			
Diameter & length	: 6 inch GSP x 7km	า				
<i>Elevation (amsl): Accessories:</i> Eight break pressure tanks installed on the entire length.		Site not visited				
Evaluation: The HDPE 3-inch x 35	e damaged section m as temporary me	was repairec asure.	I by Oxfams using HDPE	2-inch x 40m and		
Rehabilitation I	Plan <sup>.</sup>					
1) Basic Considera To minimize inch pipe GS 2) Civil Work: non	<ol> <li>Basic Consideration: To minimize head logs the repair work made by Oxfam should be replaced altogether with 6- inch pipe GSP.</li> <li>Civil Work: none</li> </ol>					
3) Piping work: Installation o	<i>3) Piping work:</i> Installation of 150mm x 75m with necessary appurtenances					
<i>4) Mechanical work:</i> none 5) <i>Electrical work:</i> none						
<i>6) Miscellaneous:</i> none						
Estimated cost	:	Construct	ion schedule:	Priority:		
110¢	2 925			R_1		
004	2,020			1-0		

Town	No. & Facility:		Year of Construction	Financed by:		
Maliana	05-WT	Р				
Existing Condit	Existing Condition:					
Process: flocculat	ion-sedimentation-f	iltration	i netegi apin	an the same of		
Capacity: 7 L/sec			The second second second			
Function: Purification of water supply						
Source of Water: irrigation canal		A Barren Art	PI I			
Elevation(amsl):						
Accessories:			Contraction of the second			
Generator S	Set		Number of the law			
Pump Contr	ol Board					
Intake pumr	$0.06 \text{ m}^3/\text{min x } 3\text{m}^3$	x kw-	C. L. Company	Contract of the		
one set. sub	omersible		and the setting	A STAR		
Chemical do	osing equipment: al	um,		and the second		
chlorine and	l soda					
Chemical ro	om, laboratory, Wa	ire house				
Booster pun	np: capacity 0.6m/r	nin x 80m x				
10kw-one se	et, centrifugal		(Date: )			
Evaluation:						
Intake pump	and booster pump	s need to be	e replaced because of we	ar-out of impellers		
Not equippe	ed with standby pur	np sets.				
Mixing tanks	s and chemical dos	ing equipme	nt damaged.			
Laboratory,	ware house were h	eavily destro	yed during violence			
Rehabilitation F	Plan:					
1) Basic Considera	ation					
a) The labor	atory and ware hou	use should b	e repaired and rehabilitate	ed.		
b) New pum	ips including standb	by unit should	d be installed.			
c) Repair of	settled water pipes	because of	clogging			
2) Civil Work:						
Repair and	refurbishment of the	e laboratory,	chemical storage and wa	are house.		
3) Piping work: no	ne					
4) Mechanical Wor	<i>K:</i>		a stall a standby			
One set of in	ntake and booster p	pump to be in	istalled as standby.			
Capacity: 1.	2m <sup>°</sup> /day 1 set	as standby	for intake.			
	1 set as	s standby fo	r dooster.			
5) Electrical work	nono (included in 4	ha aanatro-	tion of proposed M/TD			
5) Electrical Work:	none (included in t		non or proposed WTP)			
6) Misselleneous; pere						
o) Miscellaneous: none						
Estimated cost		Construct	ion schedule:	Priority:		
US\$1 <sup>2</sup>	13.522			B-1		
000						

Town	No. & Facility:		Year of Construction	Finar	nced by:
Maliana	06-Propose	d WTP			
Existing Condit	Existing Condition:		Photograph:		
J					
Evaluation:			1		
The existing	WTP and other so	urces have i	nsufficient production rate	e to su	pply the water
demand-200	)3.		-		
Rehabilitation I	Plan:				
1) Basic Considera	ation				
Water produ	iction deficit = Max	day water de	emand - Total production		
Where: Max	day water demand	d = 28L/s  or  2	2,385m <sup>-</sup> /day		
Therefore:	production=23 L/S	9 22-5 L/c			
2) Civil Work:		0-23=5 L/S			
2) Civil Work. Construction	h/Installation of 5 L	s nackade tr	eatment unit with the pro	Cess si	uch as
flocculation.	sedimentation with	sloping plat	e, and filters (self-backwa	ash tvp	e)
,		51 51 51			- /
3) Piping work:					
Installation of	of pipe ø75mm with	necessary a	appurtenances to connect	t with t	he existing pipe
network.					
4) Mechanical wor	<i>'k:</i>				
To operate t	the treatment unit, f	ollowing pun	nps with necessary appur	rtenand	ces are required:
Intake	) pump: 1.2m3/day	x 6m - 1 set	(standby pump is availab	ie)	
Boost	er pump: 1.2m3/da	y - 1 set (sta	andby pump is available)		
5) Electrical work:					
Water hour	Meter Boy v1	Fuel Tank v	1		
Main Power	Main Power Switch Panelx1 Pump Control Board x 1				
Generator S	Set x1	Pump Mixe	er Control Board x 1		
6) Miscellaneous	none				
-,	<del>.</del>				
Estimated cost	:	Construct	tion schedule:		Priority:
US\$47	74,703				B-1

-				
Town Maliana	No. & Facility:	UT Dae	Year of Construction	Financed by:
Evicting Condi		JZ NES.	Photograph:	
Existing Conun	Deservoir	I	Ρποιοφιαρπ.	
Structure: Reinfor	read concrete	ļ		
Shane rectangula		I		
Dimension: 3.5m	v º ?m v ? ?m heia	.ht		P and the second second
Canacity: 45m3	X 0.2111 A 2.2111 11019	III	A Company	AND
Eunction: storage		I		
Source of Water:	TV Station Res.1.			
Flovation (amsl)		/ / / / /	TELEDUSTR.	241-10-10777
Accessories:				
				(Date: )
Evaluation:				
a) In operati	ion			
b) Storage c	capacity is insufficie	ent		
c) Need reh	abilitation including	installation o	of accessories	
- I - Lillitetion				
Rehabilitation r	Plan:			
1) Basic Calculatic	on			· · · · · ·
Water storag	ge deficit = 1 otai su	orage require	ement - I otal storage exit	
Where: Lota	al storage requirem	ent = 2,385m	n³/day x 8hrs/24hrs = /95	im <sup>°</sup>
I heretore; a	Storage deficit = / 9:	5-787 = 8  m	', almost neglible	
Expansion C			Julied for the time being.	
Z = C = C = C = C = C = C = C = C = C =	e			
3) Pipina work:				
Installation (	of flow meter and c	ontroller.		
4) Mechanical wor	rk: none			
,				
5) Electrical work:	none			
,				
6) Miscellaneous:	none			
Estimated cost	<i>.</i>	Construct	tion schedule:	Priority:
	·	001104 401		
020	2,579			B-2

Town	No & Eacility:		Vear of Construction	Einanced by:		
Maliana	08-Muduklaun	Reservoir		i manceu by.		
Existing Condit	tion:		Photograph:			
Existing Condition. Facility Service Reservoir			i notograpii.			
Structure: Reinforced concrete						
Shape: rectangular		NAV-	42.12-			
Dimension: 9m x 8 5m x 3 6m height			1			
Storage capacity: 220m <sup>3</sup>						
<i>Function:</i> storage and disinfection		V AT V	The second se			
Source of Water: Beremau stream		E Carton	2 1 1 1 2			
Supply to: TV Station Reservoir 1			A MARKE			
Elevation (amsl):				W S CONTRACT		
Accessories:						
Chlorine dos	sage devices			<b>王王</b> 王子子,他们不是		
	g					
			and inclusion of the Party of			
			and the second sec	A Charles and a second		
			(Date: )			
Evaluation: Wo	rking. Chlorine is n	ot dosed for	disinfection.	(		
a) In operati	ion					
b) Chlorine	dosing facilities not	operational				
2) 0		operational				
Rehabilitation I	Plan:					
1) Basic Calculatio	on					
No rehabilita	ation is required exe	cept minor re	habilitation.			
	·	•				
2) Civil Work:						
Ínstallation d	of water level guau	ge.				
3) Piping work: no	one					
, , ,						
4) Mechanical wor	rk: none					
,						
5) Electrical work:	none					
6) Miscellaneous:	6) Miscellaneous: chlorine dosage devices to be taken out					
,						
Estimated cost	:	Construct	ion schedule:	Priority:		
1194	1 300			R-2		
039	1,000			D-2		

Town Maliana	No. & Facility:	Posonyoir 1	Year of Construction	Financed by:
Evicting Condit			Photograph:	
			Photograph.	
Structure: Reinforced concrete				21 2P
Shape. Rectangui	di v C 1 may 1 75 ma hai	~ <b>b</b> .t		AN A STATE OF
Dimension: $8.2m^3$	x 6.1m x 1.75m nei	gnt	ALL	
Capacity. 6311			Calle The - Annon	ALLA DE
Function. Storage	Doromou intoko			A CONTRACTOR
Source of water.	beremau intake		ST PROVIDENCE	Contraction of the second second
Accessories:				
				(Date: )
Evaluation:				
a) In operati b) Needs mi	on nor rehabilitation			
Rehabilitation I	Plan:			
1) Basic Considera	ation:			
2) Civil Work: Constructior	n of security fence.			
3) Piping work: no	ne			
4) Mechanical wor	k: none			
5) Electrical work:	none			
6) Miscellaneous: chlorine dosage devices				
Estimated cost	:	Construct	ion schedule:	Priority:
US\$4	4,800			B-2

Town	No. & Facility:		Year of Construction	Finar	nced bv:	
Maliana	10-Propose	d WTP			1000 1092	
Existing Condition:			Photograph:			
Ũ			0 1			
Evaluation:						
Pohabilitation I	Dlan					
1) Rasic Consider	ation					
Water from	Beremau intake are	e being supp	lied to the consumers wit	hout tr	eatment. As the	
raw water be	ecomes tubid after	heavy rains,	water treatment is require	ed.		
Slow sand fi	iltration is considere	ed most app	ropriate.			
2) Civil Work:						
Construction	n of slow sand filter	basin with p	roduction rate, 10 L/s.			
Dimension:	9m x 12m - 2 basir	IS				
Design filtra	tion rate: 4.5m/day	-lardrain nin	(CC) laddara avorflav	·· droiu	a courity	
	Ces: IIIter Meula, ur t chamhars	iderorain pip		N, Ulan	ns, security	
Construction	of concrete apron	for washing	filter media (10m x 10m)	with d	raine	
001101100101		IOI Washing		WIGH G	Tama	
3) Piping work:						
Interconnec	tion to the transmis	sion main (1	50mm x 100m) from Mud	luklaur	ו Reservoir, with	
necessary a	ppurtenances inclu	iding flow me	eter and controller			
Outlet main	to be installed (150	)mm x 100m	)			
4) Mechanicai wor	k: none					
5) Electrical work: none						
	lione					
6) Miscellaneous:	staff house, land a	acquisition (6	60m x 80m)			
Estimated cost	:	Construct	ion schedule:		Priority:	
					-	
US\$14	43,072				B-2	