	Bay - Full Scope					\$/mo./Work
No.	DISTRIBUTION	<u>Qty</u>	Unit	<u>U/Cost</u>	<u>Total</u>	Item
1	Replace Watermain	4500	LF	450	\$2,025,000	\$5.69
2	Replace Lead Service	110	LF	12000	ć4 220 000	62.74
2	Lines - Dollar Bay Miscellaneous Hydrant	110	LF	12000	\$1,320,000	\$3.71
4	Replacements	5	EA	12000	\$60,000	\$0.17
	Misc. Watermain Valve				+00,000	74
5	Replacements	5	EA	10000	\$50,000	\$0.14
	WM to Sandy Bottom -					
8	DB Channel	500	FT	500	\$250,000	\$0.70
	WM to Sandy Bottom -					
9	Hydrant	1	EA	12000	\$12,000	\$0.03
10	Replace Water Meters	330	EA	500	\$165,000	\$0.46
			Total D	istribution	\$3,882,000	
					, ,	
No.	WATER SOURCE	Qty	<u>Unit</u>	<u>U/Cost</u>	<u>Total</u>	
11	Replace Well Pumps	1.333	EA	75000	\$99,975	\$0.28
	Well House					
12	Improvements	0.667	LS	50000	\$33,350	\$0.09
	Storage Tank	0.667	٠.		420.040	40.00
13	Improvements	0.667	LS	30000	\$20,010	\$0.06
		Т		e/ Storage	\$153,335	
				ction Total _	4,035,335	
Co	ontingency, Bonding, Lega	l, Constr. (	Obs/Admi	, .	\$990,877	
				Total	\$5,026,212	
				SRF Grant		
		Assume	25% EGLE	SRF Bond	\$1,256,553	
	De	bt Service	e (1.875%,	40 years)	\$44,933	0.0357591
			Total De	bt Service	\$44,933	
Customers						
		\$11.35				
Current Base Rate/ Mo.					\$36.50	
New Total Base Rate/ mo.					\$47.85	
Water Usage:					Included	
		Ave. Res		ate/ Mo.*	\$47.85	

)ollar i	Bay - Reduced Scop	e 1				\$/mo./ Work
No.	DISTRIBUTION	Qty	Unit	U/Cost	Total	Item
1	Replace Watermain	1000	LF	450	\$450,000	\$1.27
_	Replace Lead Service					4
2	Lines - Dollar Bay	110	LF	12000	\$1,320,000	\$3.71
4	Miscellaneous Hydrant		EA			\$0.00
4	Replacements Misc. Watermain		EA			30.00
5	Valve Replacements		EA			\$0.00
	WM to Sandy Bottom -					74
8	DB Channel	500	FT	500	\$250,000	\$0.70
	WM to Sandy Bottom -					
9	Hydrant	1	EA	12000	\$12,000	\$0.03
10	Replace Water Meters		EA			\$0.00
			Total Di	istribution	\$2,032,000	
No.	WATER SOURCE	Qty	Unit	U/Cost	Total	
11	Replace Well Pumps	1.333	EA	75000	\$99,975	\$0.28
11	Well House	1.333	EA	73000	\$55,573	30.26
12	Improvements	0.667	LS	50000	\$33,350	\$0.09
	Storage Tank	0.007		30000	<b>\$55,550</b>	φ0.03
13	Improvements		LS			\$0.00
		Т	otal Source	e/ Storage	\$133,325	
			Construc	tion Total	2,165,325	
Co	ntingency, Bonding, Legal	l, Constr. (	Obs/Admii	n,. Design	\$531,696	
				Total	\$2,697,021	
		Assume 7	75% EGLE :	SRF Grant		
		Assume	25% EGLE	SRF Bond	\$674,255	
	De	bt Service	(1.875%.	40 years)	\$24,111	#######
			. ,	bt Service	\$24,111	
				ustomers	330	
Additional Base Rate/Month \$6.09						
Current Base Rate/ Mo. \$36.50						
New Total Base Rate/ mo. \$42.59						
Water Usage: Included						
		Ave Res	idential R		\$42.59	
				f 4,000 gall		
			, o. usc o	, .,cco gain	JJ	1

Dollar Bay - Reduced Scope 2									
No.	DISTRIBUTION	Qty	Unit	U/Cost	Total	Work Item			
1	Replace Watermain	1000	LF	450	\$450,000	\$1.27			
	Replace Lead Service								
2	Lines - Dollar Bay	110	LF	12000	\$1,320,000	\$3.71			
	Miscellaneous					40.00			
4	Hydrant		EA			\$0.00			
5	Misc. Watermain		EA			\$0.00			
3	Valve Replacements WM to Sandy Bottom -		EA			30.00			
8			FT			\$0.00			
0	DB Channel WM to Sandy Bottom -		- ' '			\$0.00			
9	Hydrant		FA			\$0.00			
	Replace Water					7			
10	Meters		EA			\$0.00			
			Total D	istribution	\$1,770,000				
No.	WATER SOURCE	Qty	Unit	U/Cost	Total				
11	Replace Well Pumps	2	EA	75000	\$150,000	\$0.42			
	Well House			75000	<b>\$150,000</b>	90.12			
12	Improvements	1	LS	50000	\$50,000	\$0.14			
	Storage Tank				. ,				
13	Improvements		LS			\$0.00			
		Т	otal Source	e/ Storage	\$200,000				
			Construc	tion Total	1,970,000				
Con	tingency, Bonding, Legal	l. Constr. (	Obs/Admir	n Design	\$483,734				
		,	,	Total	\$2,453,734				
		Assume 7	75% EGLE :		Ų <u>, 133,73</u> .				
			25% EGLE		\$613,433				
	D-		23% EGLE 2 (1.875%,		. ,	#######			
	De	or service	,			******			
	Total Debt Service \$21,936								
		330							
		\$5.54							
	Mo.	\$36.50							
		\$42.04							
		Included							
		\$42.04							
			*for use o	f 4,000 gall	ons				
	joi use of 4,000 guilons								

No.	Bay - Lead Service L DISTRIBUTION	Qty	Unit	U/Cost	Total			
1	Replace Watermain		LF					
	Replace Lead Service	440		40000	44 222 222			
2	Lines - Dollar Bay Miscellaneous	110	LF	12000	\$1,320,000			
4	Hydrant Replacements		FA					
	Misc. Watermain		LA					
5	Valve Replacements		EA					
	WM to Sandy Bottom -							
8	DB Channel		FT					
0	WM to Sandy Bottom -		E 0					
9	Hydrant		EA					
10	Replace Water Meters		EA					
			Total D	istribution	\$1,320,000			
No.	WATER SOURCE	Qty	<u>Unit</u>	U/Cost	<u>Total</u>			
11	Replace Well Pumps		EA					
	Well House							
12	Improvements		LS					
13	Storage Tank		LS					
13	Improvements	т		e/ Storage	\$0			
				ction Total	1,320,000			
Cor	ntingency, Bonding, Legal	Constr (		-	\$324,126			
COI	itingency, bonding, Legal	, constr. c	JUS/ AUITIII	Total	\$1,644,126			
		Assume 7	75% FGLE	SRF Grant	31,044,120			
					\$411,032			
	Assume 25% EGLE SRF Bond Debt Service (1.875%, 40 years)							
				bt Service	\$14,698 \$14,698			
			Total De	Dt Sci vicc	Ç14,030			
	Customers							
	Additional Base Rate/Month							
	Current Base Rate/ Mo.							
	New Total Base Rate/ mo.							
			Wat	er Usage:	Included			
		Ave. Res	idential R	ate/ Mo.*	\$40.21			
	*for use of 4,000 gallons							

ALTERNATIVE ANALYSIS; 40 YEARS, 1.875%

ALTERNATIVE ANALYSIS; 40 YEARS, 1.875%

ALTERNATIVE	ANALYSIS;	40 YEARS,	1.8759

ALTERNATIVE ANALYSIS; 40 YEARS, 1.875%

Tamara	ck City - Full Scope					\$/mo./Work	
No.	DISTRIBUTION	Qty	Unit	U/Cost	Total	Item	
3	Replace Lead Service Lines - TC (on private)	35	EA	8000	\$280,000	\$1.53	
	,	Total Distribution		\$280,000			
No.	WATER SOURCE	Qty	<u>Unit</u>	<u>U/Cost</u>	<u>Total</u>		
6	Extend Watermain Mason to Tamarack	8000	LF	300	\$2,400,000	\$13.10	
7	Booster Pump Station, Mason to Tamarack	1	LS	200000	\$200,000	\$1.09	
11	Replace Well Pumps	0.667	EA	75000	\$50,025	\$0.27	
12	Well House Improvements	0.333	LS	50000	\$16,650	\$0.09	
13	Storage Tank Improvements	0.333	LS	30000	\$9,990	\$0.05	
14	UMWC Contract Clause	1	LS	71500	\$71,500	\$0.39	
		To	otal Sourc	e/ Storage	\$2,748,165		
			Constru	ction Total	3,028,165		
Co	ntingency, Bonding, Lega	l, Constr. (	Obs/Admi	n,. Design	\$743,566		
			Capitalize	d Interest	\$17,680		
					\$3,789,411		
		Assume 7	5% EGLE	SRF Grant			
		Assume	25% EGLE	SRF Bond	\$960,613		
	De	bt Service	(1.875%,	40 years)	\$34,945	\$33,718	\$0.6
			MD	OT RR Fee	\$500	\$0.25	
		Tota	al Debt Se	rvice/ Fee	\$35,445		
Note: Cur	ote: Current TC User Customers			170			
at 3	at 3000 gal/mo. Additional Base Rate/Month		\$17.38				
= \$6	51.90/mo.			Rate/ Mo.	\$37.00		
	New Total Base Rate/ mo.			\$54.38			
	Water Usage:						
	Ave. Residential Rate/ Mo.*					\$61.90	

Гата	rack City - Reduced S	Scope 1				\$/mo./ Work
No.		Qty	Unit	U/Cost	Total	Item
	Replace Lead Service					
3	Lines - TC (on private)	35	EA	8000	\$280,000	\$1.5
			Total Di	istribution	\$280,000	
No.	WATER SOURCE	Qty	<u>Unit</u>	U/Cost	<u>Total</u>	
	Extend Watermain					
6	Mason to Tamarack	8000	LF	300	\$2,400,000	\$13.1
	Booster Pump Station,					
7	Mason to Tamarack	1	LS	200000	\$200,000	\$1.0
11	Replace Well Pumps	0.667	EA	75000	\$50,025	\$0.2
	Well House					
12	Improvements	0.333	LS	50000	\$16,650	\$0.0
4.0	Storage Tank					40.0
13	Improvements		LS			\$0.0
14	UMWC Contract	1	LS	71500	\$71,500	\$0.3
	Clause		otal Source		\$2,738,175	φ0.5
_				tion Total	3,018,175	
C	Contingency, Bonding, Lega			-	\$741,113	
			Capitalize	d Interest _	\$17,622	
				\$3,776,910		
		Assume 7	75% EGLE :	SRF Grant		
		Assume	25% EGLE	SRF Bond	\$957,444	
	De	ebt Service	e (1.875%,	40 years)	\$34,830	
			MD	OT RR Fee	\$500	\$0.2
		\$35,330				
lote: (	Current TC User		C	ustomers	170	
	at 3000 gal/mo.					
	= \$61.90/mo.			<b>\$17.32</b> \$37.00		
	402.30/1110.	<ul> <li>Current Base Rate/ Mo</li> <li>New Total Base Rate/ mo</li> </ul>				
		1404		\$54.32 \$4.50		
	Water Usage: _ Ave. Residential Rate/ Mo.*					
	Ave. Residential Rate/ Mo.* \$58.82 *for use of 3,000 gallons					
			jui use U	, s,ooo gunt	1113	

Tam	arack City - Reduced	Scana 3				\$/mo./ Work		
No		Qty	<u>.</u> Unit	U/Cost	Total	Item		
	Replace Lead Service							
3	Lines - TC (on private)	35	EA	8000	\$280,000	\$1.5		
	Total Distribution \$280,000							
No	o. <u>WATER SOURCE</u>	Qty	Unit	U/Cost	Total			
	Extend Watermain							
6	IVIASUII LU TAIIIATAUN		LF			\$0.0		
	Booster Pump Station,							
7	Mason to Tamarack		LS			\$0.0		
11	Replace Well Pumps		EA			\$0.0		
	Well House							
12	IIIIprovements		LS			\$0.0		
4.5	Storage Tank		1.0			<u> </u>		
13	Improvements UMWC Contract		LS			\$0.0		
14			LS			\$0.0		
	Ciduse	т	otal Sourc	e/ Storage	\$0			
				ction Total	280,000			
	Contingency, Bonding, Legal	Constr		_	\$68,754			
	containgency, bonding, cegai			d Interest	\$1,635			
			Capitanzo		\$350,389			
		Accumo -	75% EGLE	SRF Grant	<b>7330,30</b> 3			
				SRF Bond	\$88,823			
	Do			, 40 years)	\$3,231			
	De	ent service	2 (1.8/5%)	, 40 years)	\$3,231			
			Total De	bt Service	\$3,231			
Note:	Current TC User		(	Customers	170			
	at 3000 gal/mo. Additional Base Rate/Month				\$1.58			
	= \$61.90/mo.	Curi	rent Base	\$37.00				
New Total Base Rate/ mo				Rate/ mo	\$38.58			
Water Usage: \$24.9								
		Ave. Res	idential R	ate/ Mo.*	\$63.48			
			***	of 3,000 gallo		I		

Tama	rack City - Lead Serv	ice Line	s Only (	75 ea <u>)</u>	
No.	DISTRIBUTION	Qty	Unit	U/Cost	Total
	Replace Lead Service				
3	Lines - TC (on private)	35	EA	8000	\$280,000
			Total Di	stribution	\$280,000
No.	WATER SOURCE	Qty	<u>Unit</u>	U/Cost	<u>Total</u>
	Extend Watermain				
6	Mason to Tamarack		LF		
7	Booster Pump Station, Mason to Tamarack		LS		
			2.5		
11	Replace Well Pumps		EA		
12	Well House		1.0		
12	Improvements Storage Tank		LS		
13	Improvements		LS		
	UMWC Contract				
14	Clause		LS		
		Te	otal Source	e/ Storage	\$0
			Construc	tion Total	280,000
(	Contingency, Bonding, Legal	, Constr. 0	Obs/Admir	n,. Design	\$68,754
			Capitalize	d Interest	\$1,635
					\$350,389
		Assume 7	'5% EGLE 9	RF Grant	
		Assume 2	25% EGLE	SRF Bond	\$88,823
	De	bt Service	(1.875%,	40 years)	\$3,231
			Total Del	ot Service	\$3,231
Note:	Current TC User		C	ustomers	170
	at 3000 gal/mo.	Additiona	al Base Rat	e/Month	\$1.58
	= \$61.90/mo.		ent Base F		\$37.00
			otal Base I		\$38.58
				er Usage:	\$24.90
		Ave. Res	idential Ra	-	\$63.48
			*for use o	f 3,000 gall	ons