KAC Siphon Upgrading

hem	Allocation	Water Qty	2001	3001	3002	3003	3004	2005	3006	2007	2005	2005	2010	2001	2012	2013	2014	10.5	3018	2017	3018	3019	3030
Water Produced		21	1	1	1	20	.20	20	20	20	20	20	20	20	20	20	28	28	28	21	21	20	
Sares		1	- 24		1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1 - A - A - A - A - A - A - A - A - A -	0	
Municipal Water	1,00	0.0	0.0	0.0	0.0	0.0	0.0	P.8	D. II	1.0	1.0	1.0	10	1.0	aa	0.0	0.0	0.0	0.0	0.0	ia n	0.0	- 11
Physical Lones (94)			0.24	0.23	0.22	0.21	D.21	0.21	0.1.9	1.13	1.17	1.16	1.15	1.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.1
Physical Losser			0.0	0.0	0.0	0.6	0.0	0.8	0.1	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
Administrative/Managetial Latter (%)			0.21	0.19	0.16	0.14	D 12	0.1.0	DIF	0.08	1.07	1.04	1.05	1.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.65	0.0
Administrative/Managerial Lauses			0.0	0.0	0.0	0.0	0.0	D.1	0.1	1.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1
Quantity Delivered			0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	10	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Quantity Whote Bills are Callected	10.00	12.27	0.0	αD	0.0	12.0	0.1	D.B	0.1	1.0	1.0	1.0	1.0	10	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Industrial Water	6.00	0.0	0.0	0.0	0.0	0.6	0.6	0.8	0.1	1.0	6.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.
Physical Losser (%)			0.24	0.23	0.22	0.21	0.21	0.28	0.1.9	0.13	8.17	1.16	1.15	1.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.1
Physical Lorger			0.0	0.0	0.0	0.0	0.0	0.1	0.1	8.0	8.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Administrative/Managerial Lauses (%)			0.21	0.19	0.16	0.14	0.12	D.1.8	0.19	0.08	1.07	1.06	0.05	1.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.0
Administrative/Managerial Lasses			0.0	0.0	0.0	0.0	0.0	0.8	0.1	10	0.9	1.0	10	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Quantity Delayered			0.0	0.0	0.0	0.0	0.6	0.0	0.1	1.0	4.0	1.0	0.0	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1
Quantity Where Bills are Callected			0.0	0.0	0.0	0.0	0.6	0.1	0.1	1.0	1.0	8.0	1.0	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.
Irrigation Water	1.00	30.0	0.0	0.0	0.0	20.1	20.8	20.8	20.1	20.0	20.0	20.0	21.0	28.0	20.0	20.0	20.0	20.0	30.0	30.0	20.0	20.1	20.0
Physical Lorrer (%)			0.24	0.25	0.12	0.11	D.21	0.28	0.13	6.13	8.17	1.16	1.15	1.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	D 11
Physical Losses			0.0	0.0	0.0	4.2	4.2	4.1	3.1	3,6	1.4	3.2	1.0	3.0	10	30	3.0	3.0	3.0	3.0	3.0	31	31
Administrative/Managerial Lastes (%)			0.21	0.19	0.16	0.14	0.12	0.1.8	0.09	0.05	1.07	1.05	1.05	1.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.85	0.6
Administrative/Managerial Lenser			0.0	0.0	0.0	21	2.4	2.1	1.8	1.6	14	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	14	1.
Quantity Delivered			0.0	0.0	0.0	15.8	15.1 13.4	16.1	16.7	16,4	16.6	19.3	17.0	170	17.0	170	17.0	17.0	17.0	17.0	17.0	17.1	17.
Quantity Whose Bills are Collected			0.0	0.0	0.0	13.1	10.4	14.1	14.4	19.0	35.2	15.6	18.0	180	16.0	10.0	16.0	16.0	16.9	16.0	16.0	16.0	16.1
Financial Analysis (M JD at 2000 Prices)									-	0.0125				2002		21220							
Item	Percent	Amount	2001	2001	3002	3003	2004	2005	2006	2007	2005	2009	2010	3011	2012	2013	2014	2015	301.6	2017	3013	3019	2020
Coste																							
Local Casts			0.0	0.0	0.0	0.0	0.0	0.8	0.1	1.0	0.0	8.0	1.0	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
Fareign Costa			0.0	0.0	D D	0.0	0.0	0.1	0.0	10	1.0	1.0	1.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1
Duty & Taxes			0.0	0.0	0.0	0.6	0.0	0.8	0.1	1.0	8.0	8.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Capital Casta		3.5	0.0	2.0	1.5	0.0	0.0	0.8	0.1	1.0	8,0	8.0	10	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Canadative Casta			0.0	2.0	3.5	3.5	5.5	3.5	3.5	1.5	3.5	1.5	1.5	3.5	15	15	15	35	15	2.5	3.5	2.5	<u>x</u> :
O & M Costa			0.0	0.0	0.0	31	3.1	3.1	3.1	2.4	3.4	3.1	3.1	3.1	11	31	3.1	3.1	3.1	3.1	3.1	31	3
Total Costs			0.0	2.0	1.5	3.1	3.1	3.1	3.1	3.1	1.1	9.1	11	11	11	31	11	3.1	3.1	3.1	3.1	31	3.
<u>Revenues</u>																							
Munacipal Urage Qty (M m ⁶)			0.0	0.0	0.0	10.0	10.0	D.I	0.0	1.0	8.0	8.0	1.0	8.0	10	4.0	11.17	0.0	0.0	0.0	0.0	10.0	11
Municipal Tariff (JD/m ²)			0.294	0.294	0.254	D 254	0.254	0.294	0.294	1.294	1.294	1,294	1,294	0.294	0.294	0.294	0.294	0.294	0.294	0.294	0.294	0.294	0.25
Munacipal Revenues (M.JD)			0.0	αD	DD		0.0	0.1	0.1	1.0	1.0	1.0	10	10	0.0	ao	0.0	0.0	0.0	0.0	0.0	0.0	0.1
방법 방법 이 그 것 가 있었다.			- 22		1.12	100		1.50	12.5	100	2.5	- 63		12.2		- 222		2.2					- 23
Industrial Urage Qity (M rs ²)			0.0	αp	D D	0.0	11.1	D.I	0.0	1.0	1.0	3.0	10	10	10	4.0	8.0	0.0	0.0	0.0	0.0	0.0	11
Industrial Tariff (JD(m ²)			1.000	1.000	1.000	1.00	1.808	1.00	1.00	1.000	1.000	1.000	1.000	1.000	L 000	1.000	1.000	1.000	1.000	1.000	1.000	1100	1.00
Industrial Revenues (M JD)			0.D	αp	D D	0.0	0.0	0.1	D.1	1.0	1.0	1.0	10	10	0.0	an	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Irrigation Usage Qiy (M m ⁹)			0.0	0.0	0.0	15.0	13.4	14.1	14.4	14.8	15.2	15.0	16.0	18.0	14.0	14.0	16.0	16.0	16.0	16.0	16.0	16.5	15.1
Impation Taniff (JD/m ²)			1.010	010	8.010	1.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.038	0.016	0.81.8	D.81.8	0.010	8.010	1.010	010.8	1.010
Irrigation Revenues (M JD)			0.0	0.0	DD	1010	0.010	0.010	DI	11	1.2	13	1.2	12	0.2	0.1	G.Z.	0.3	6.7	0.2	0.2	0.3	D.
Total Revenues (M JD)			0.0	0.0	0.0	0.1	0.1	0.1	0.1	11	12	12	12	12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.
					6 - 18						- 25												
Het Cash Flow (M JD)			0.0	-2.0	-1.5	-29	-2.5	-2.9	-2.9	-1.9	.19	-2.9	-2.9	-2.9	-29	-29	-2.9	-2.9	-29	-2.9	-2.9	-2.8	-2
Discovariang (D:R=6.9%)			0.93897	0.88166	0.82785	0.77732	0.72511	0.68533	0.64351	8.60423	1.56735	1.53279	1.50021	0.46968	0.44102	0.41410	0.38883	0.36510	0.34281	0.32159	0.30224	0.28368	0.2664
Tital Qty Whose Bills are Collected (Mm ²)			0.0	0.0	0.0	13.6	13.4	14.T	14.4	14:3	15.2	15.6	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	10.6	16.
FIRR	AD15701																						
NPV (MJD)	-33.8		0.0	-1.8	+1.2	.27	-21	-2.1	-1.5	.1.8	.17	-1.6	-1.5	-1.4	-1.3	-1.2	-1.1	-1.1	-1.0	-0.9	-0.9	-01	-0.1
FV of Total Costs (M JD)	35.4		1.0	3.8	1.2	2.4	2.2	21	20	1.9	1.7	1.6	1.5	1.4	14	1.1	1.2	1.1	11	1.0	1.9	19	1.
PV of Total Bills Collected Qty (M m ^b)	160.8		6.0	1.0	10	11.1	32	9.6	93	8.9	8.6	8.3	8.0	7.5	7.1	6.6	6.2	5.8	5.5	5.2	4.8	4.5	4
Unit Water Price (File/m ²)	220		- 4					~ a	10		0.0	0.3	0.0	102	64		1. S	·**	ೆ	12	7.4		1

ltera	Percent	Anoni	2000	2001	2002	2003	2114	2805	2005	2007	2008	2009	281.0	2011	2012	2013	2014	2015	201.6	2817	2018	2019	2029
Costs								1.15			100010				1.2								
Local Costs			1.1	11.0	0.0	0.0	0.0	1.0	8.0	10.11	0.0	U.D	0.0	0.0	1.0	0.1	0.0	0.0	0.0	uπ	1.0	1.1	D.1
Foreign Casta			1.1	D.E	0.0	0.0	ů 0	10	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.6	0.D	0.0	0.0	10	1.1	D.1
Duty & Tazza			1.1	0.0	0.0	0.0	0.0	1.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	D.1
Total Capital Corts		1.5	0.1	2.8	1.5	0.0	0.0	0.11	8.0	D. II	D.D.	0.0	0.0	0.0	0.0	D. 1	0.8	0.0	0.0	0.0	1.0	0.1	D.1
Cumulative Costs			1.1	2.1	3.5	15	3.5	3.5	3.5	3.5	3.5	3.5	1.5	3.5	1.5	3.5	3.5	3.5	3.5	3.5	1.5	3.5	3.5
O & M Casts			1.1	0.1	0.0	3.1	3.1	3.1	2.1	3.1	3.1	3.1	11	31	1.1	3.1	3.1	3.1	3.1	31	3.1	2.1	3.0
Total Coste			1.1	2.1	4.5	3.1	3.1	11	11	3.1	3.1	3.1	3.1	3.1	1.1	3.1	\$1	5.1	31	3.1	11	1.1	3.1
Denafits																							
Municipal Usage Qty (M m ³)			1.1	0.0	0.0	0.0	0.0	1.0	1.0	0.1	0.0	0.0	0.0	0.0	6.0	0.1	0.6	0,D	0.0	0.0	1.0	1.1	0.1
Unit Benefits of Municipal Water (JD/m ⁵)			8,735	0.735	0.735	0.755	0.755	0.735	1.735	0.735	0.735	0.755	0.755	0.735	1.735	1.735	0.735	0.755	0.735	0.755	1.735	1.735	0.73
Municipal Benefits (M JD)			1.1	0,1	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.6	0.0	0.0	0.0	1.0	1.1	0.1
Industrial Usage Qty (M m ²)			11	0.6	0.0	0.0	0.0	10	10	0.1	0.0	0.0	0.0	0.0	1.0	0.1	0.8	0.0	0.0	0.0	1.0	11	D.1
Unit Denefits of Industrial Water (JD/m ²)			2.741	2.741	2.740	2 740	2.740	2,740	2,790	2,748	3.740	2 740	2,740	2,740	1,740	2,741	2.748	3.740	2,740	2.740	2,740	2.741	2.741
ladustrial Benefitz (M JD)			1.1	0.1	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	a.a	1.0	0.0	0.6	0.0	0.0	0.0	1.0	11	0.1
Impution Umage Qty (M m ²)			ы	0.1	0.0	15.8	15.8	16.0	16.2	16.4	15.6	16.8	12.0	17.0	17.0	17.1	17.6	12.0	17.0	17.0	17.0	17.1	17.1
Unit Benefits of Impetan Water (ID/m ³)			0.283	0.283	1 233	8.283	0.283	0.283	0.283	0.283	1.283	1.281	0.283	0.283	0.283	0.283	0.283	1.233	0.283	0.283	0.283	0.283	0.283
Imguton Benefitz (M JD)			1.1	0.005	0.0	4.5	4.5	4.5	4.6	4.6	4.7	4.8	4.8	4.8	4.8	4.5	4.1	4.8	4.8	48	4.8	4.1	4.1
Total Bearfin (M.ID)			1.1	D.8	0.0	4,5	43	45	4.6	4.8	47	4,8	48	48	4.8	4.3	4.8	4.8	4.5	45	4.8	4.8	4.1
Net Cash Flow (M.JD)			1.1	-21	-1.5	14	14	15	1.5	1.6	1.6	1.7	1.7	17	17	17	17	17	1.7	17	17	1.7	1
Discouting (DR=1056)			8.90909	0.02645	0.75151	0.68301	0.62092	0.56997	1.51316	8.48851	0.42410	0.38554	0.35049	0.31863	1.28966	1.26333	0.23939	0.21763	0.19704	0.17986	0.16351	1.14354	0.1.351.3
Total Qty Delivered (M m ³)			1.1	D.8	0.0	15.8	15.8	16.0	16.2	16.4	16.6	16.8	17.0	17.0	17,0	17.8	17.8	17.0	17.0	17.0	17.0	17.8	17.1
EIRR	169	6																					
NPY (MJD)	8.5		1.1	-1.7	-t.t	1.0	0.9	1.8	1.3	0.7	0.7	0.6	0.6	0.6	1.5	0.5	0.4	0.4	0.3	0.3	13	1.3	0.1
FV of Total Casts (M JD)	34.3		0.0	1.7	1.1	2.1	1.5	1.7	1.6	1.4	13	1.2	1.1	1.0	0.9	0.8	1.7	1.7	0.8	0.6	0.5	0.5	0.4
FV of Total Qty Delivered (Mm ^b)	115.8		0.0	0.0	1.0	10.8	9.5	9.0	8.3	2.7	7.0	1.5	6.1	5.4	4.9	4.5	4.1	3.7	3.4	3.1	28	25	23
Unit Water Price (Finitz")	211																						

Rehabilitation of Southern Choes Irrigation Stage I

Itera	Alication	Water Qty	2011	2011	2002	2003	2004	2015	2006	2007	2008	2118	2018	2011	2012	2013	3134	2015	2016	2017	2111	2019	2020
Water Produced		45	D	0	0	Q.,	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	
Saved		1	D	0	0	0	. E	0	0	0	1	0	0	0	1	0	0	0	0	1	D	0	
Manicipal Water	0.00	0.0	0.0	1.0	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	10	0.1	0.0	0.0	0.0	8.0	0.6	0.0	0.0	1.0	1
Physical Lorenz (%6)			0.24	0.23	6.22	0.21	0.21	0.20	1.49	0.1.0	0.17	0.16	1.15	D.1.5	0.15	0.15	0.15	1.15	0.35	0.15	0.15	1.15	D.
Physical Losses			0.0	1.0	1.1	0.8	0,0	0.0	1.0	0.8	0.0	0.0	1.0	0.1	0.0	0.0	0.0	1.0	0.6	0.0	0.0	1.0	1
Administrative/Managenal Losies (%)			0.21	0.19	LIC	0.14	0.12	0.10	1.09	0.91	0.07	0.05	1.05	0.05	0.05	0.05	0.05	1.05	0.05	0.05	0.05	1.05	0.
Administrative/Managerial Lourer			0.0	1.0	1.1	1.0	0.0	0.0	0.0	0.0	0.D	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
Quantity Delivered			0.0	8.0	1.1	0.4	0.0	0.0	0.0	0.6	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	8.0	- i i
Quantity Whose Bills are Collected			0.0	1.0	1.1	0.6	0.0	0.0	0.8	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.0	1.0	0.8	0.0	0.0	0.0	
Industrial Water	0.00	0.0	0.0	1.0	1.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.0	0.1	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	
Physical Longer (%)			0.24	0.23	0.22	0.21	0.21	0.20	1.19	0.11	0.17	0.16	8.15	0.15	0.15	0.15	0.15	8.15	0.15	0.15	0.15	1.15	D
Physical Losses			0.0	1.0	11	0.6	0.0	0.0	1.0	0.6	0.0	0.0	1.0	0.1	0.0	0.0	0.0	1.0	0.6	0.0	0.0	1.0	
Administrative/Managenal Losses (%)			0.21	0.19	0.18	0.14	0.12	0.10	1.09	0.85	0.07	0.06	1.05	0.85	0.05	0.05	0.05	1.05	0.85	0.05	0.05	0.05	0
Administrative/Managerial Losses			0.0	1.0	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.0	1.0	0.8	0.0	0.0	1.0	- 8
Quantity Delvered			0.0	1.0	11	0.6	0.0	ãõ	0.1	0.6	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.6	0.0	0.0	1.0	
Quartery Whose Bills are Collected			0.0	1.0	11	0.0	0.0	0.0	1.0	0.6	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.8	0.0	0.0	1.0	- 33
instation Water	1.00	45.0	0.0	10	U.	0.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.0	45.0	45.0	45.0	45.8	45.0	45.0	45.0	4
Physical Loner (%)	1.00	47.0	0.24	0.23	1.22	0.21	0.21	0.20	1.19	0.12	0.17	0.16	1.15	D.15	0.15	0.15	0.15	1.15	0.15	0.15	0.15	0.15	0
Physical Lours			0.0	1.0	1.1	0.1	9.5	9.0	1.6	8.1	2.7	7.2	6.8	6.8	6.8	6.8	6.8	6.3	6.5	6.8	68	6.3	- 6
CONTRACTOR AND A CONTRACTOR			0.21	0.19	1.15	0.14	0.12	0.10	1.09	0.00	0.07	0.06	1.05	0.15	0.05	0.05	0.05	1.05	0.05	0.05	0.05	1.05	
Administrative/Managenal Losses (%)					11																		0
Administrative/Managerial Losses			0.0	10		0.0	5.4	4.5	4.1	34	3.2	27	13	2.1	2.3	23	23	2.3	2.1	23	23	23	1
Quantity Delivered			0.0	10	1.1	0.0	35.6 30.2	36.0	36.5	36.5	37.4	37.8	38.3	28.1 36.1	38.3 36.0	38.3 36.0	38.9 36.0	38.9	38.3	38.3 36.0	32.3 36.0	38.9	38
Quantity Whose Bills are Collected			0.0.	10		2.6	30.2	31.5	32.4	35.1	34.2	39.1	36.0	20.1	30.0	30.0	0.06	36.0	36.8	30.0	30.0	36.0	3
Pinanebil Analysis (M .ID at 2000 Prices)																							
ltera.	Percent.	Amount	2011	2661	2002	2003	2004	2115	2006	2007	2008	2119	2010	2011	2012	2013	2114	2015	2016	2017	2010	2019	2020
Zeats	70007			10	11			2.0				0.0											5.
Local Costs	20%6	1.8	0.0	10		11	0.0	0.0	0.0	0.0	0.0	0.0	10	0.1	0.0	0.0	0.0	8.0	0.6	0.0	0.0	8.0	0
Foreign Centr	20%6	7.2	0.0	10	1.2	4.1	0.0	0.0	0.0	0.1	0.0	0.0	10	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	
Duty & Tiates	0%	0.0	0.0	1.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.0	0.0	0.0	8.0	0.8	0.0	0.0	1.0	- 3
Total Cajutal Corts		9.0	0.0	10	4.1	5.8	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.9	0.8	0.0	0.0	1.0	- 3
Cumulative Costs			0.0	10	4.8	9.8	9.0	9.0	5.0	9.0	9.0	9.0	9.0	9.1	9.0	9.0	9.0	5.0	9.8	9.0	9.0	5.0	- 28
O & M Casta			0.0	8.0	1.1	0.1	6.9	6.9	6.9	6.5	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.5	6.9	6.9	6.9	- 28
Total Cants			0.0	1.0	4.1	5.1	6.9	6.9	6.9	6.5	6.9	6.9	1.9	6.9	6.9	6.9	69	6.9	6.5	6.9	6.9	1.9	8
Reserver																							
Musinpal Usage Qty (M m2)			0.0	10	LL	0.0	0.0	0.0	1.0	0.0	0.0	0.0	10	0.0	0.0	0.0	0.0	8.0	0.6	0.0	0.0	8.0	
Numicipal Tariff (JD(m ²)			0.294	0.294	1.224	0.254	0.294	0.294	1.294	0.234	0.294	0.294	1.294	1.284	0.294	0.294	0.294	1.224	0.254	0.294	0.294	1.294	0.2
Monicipal Revenuer (M JD)			0.0	10	1.1	0.8	0.0	0.0	1.0	0.1	0.0	0.0	1.0	0.8	0.0	0.0	0.0	6.0	0.8	0.0	0.0	1.0	8
Industrial Usage Qty (M m ³)			0.0	1.0	1.1	0.6	0.0	0.0	6.0	0.6	0.0	0.0	1.0	0.1	0.0	0.0	0.0	8.0	0.6	0.0	0.0	1.0	- 3
Industrial Taniff (JD/m ²)			1.000	1.000	1.001	1.00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.00	1.000	1.000	1.000	- 11
Industrial Revenues: (M JD)			0.0	1.0	1.1	0.8	0.0	0.0	1.0	0.6	0.0	0.0	1.0	0.1	0.0	0.0	0.0	1.0	0.6	0.0	0.0	1.0	1
Impation Urage Qty (Mm ²)			0.0	1.0	1.1	0.1	30.2	31.5	32.4	38.3	34.2	35.1	36.0	36.1	36.0	36.0	36.0	26.0	36.1	36.0	36.0	36.0	3
Impation Tariff (JD/m [*])			0.81.8	0.010	0.010	0.010	0.01.0	0.030	0.010	0.010	8.010	0.038	0.010	0.010	1.010	8.81.8	0.110	0.010	0.010	0.01.0	0.838	0.010	0.0
Imigation Expenses (M.JD)			0.0	1.0	11	0.0	0.3	0.3	1.3	0.3	0.3	0.4	1.4	0.4	0.4	0.4	0.4	1.9	0.4	0.4	0.4	14	0
Total Revenues (M.JD)			0.0	8.0	1.1	0.0	0.3	0.3	1.3	0.3	0.3	0.4	1.4	0.4	0.4	0.4	0.4	1.4	0.4	0.4	0.4	1.4	- 8
Net Cash Flow (M JD)			0.0	1.0	4.1	-51	6.6	-6.6	-6.6	.6.6	-6.6	6.0	6.6	6.6	-6.6	6.5	-6.6	1.6	-6.6	-6.6	-66	-6.6	1
Discounting (DR=6.9%)			0.93897	0.88166	1.82785	0.77732	0.72988	0.68533	1.64351	1.68423	0.56735	0.53273	0.50021	1.46961	0.44102	0.41410	0.38883	1.36510	0.34283	0.32189	0.30224	0.28380	1.261
Total Qty Whore Bills are Collected (Mm ⁵)			0.0	10	11	0.0	30.2	31.5	32.4	33.3	34.2	35.1	36.0	36.1	36.0	36.0	35.0	0.10	36.8	36.0	31.0	36.0	3
	10 X 20 X 20 X							10422.0						2000									
IRE	\$DU/UII		1000	00.000	2010	1.000	1100214	25224	2-2/1	10.207	67224-	10201	7222	1271	50,000	12,00			100	20200	1012012	0324	
(PV (MJD)	-72.4		0.0	8.0	2.3	-3.5	4.8	-4.5	-4.3	-4.0	-3.7	-15	-1.3	-3.1	-2.9	-2.7	-2.6	-2.4	-2.3	-2.1	-2.0	-1.9	-
PV of Total Costs (M JD)	75.9		0.1	0.0	3.5	1.9	5.1	4.7	4.5	4.2	3.9	X.T.	3.5	12	1.1	2.8	27	2.5	2.4	3.2	2.1	2.0	- 0
PV of Total Bills Collected Qty (M m ²)	343.8		0.1	0.0	0.0	1.0	12.8	21.6	20.8	20.1	15.4	18.7	18.0	16.9	15.9	14.9	14.0	13.1	12.3	33.8	10.9	10.2	

ltem	Percent	Ament	2000	2001	2002	2003	2004	2005	2005	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	.2017	2018	2019	2020
Costa	1000		- 1993 (r. 19		1000	10000	2.072 av.	- 19 March	- 20 Marco	1992	- 19 San		1999 (March 1997)	1200	10 March 10	- 20 Con-	- 1000	1000	- ¹⁰⁰ 5551	and the second s	2000 B.	and the second s	1000
Local Carts	20%6	1.8	1.0	1.0	1.3	3.0	8.0	1.1.	0.8	0.1	0.1	0.8	0.8	0.8	0.0	D.B.	0.0	0.8	0.1	0.0	0.0	0.1	0.1
Foreign Costs	80%	T.2	1.0	1.0	3,2	4.0	1.0	1.1	0.8	0.1	0.8	0.8	0.9	0.9	0.8	0.1	0.1	0.1	0.8	0.8	0.6	0.8	0.0
Duty & Taxes	056	1.0	8.0	0.0	8.0	6.13	8.0	1.1	0.1	0.1	D. II.	D.8	D. 8	D. 8	0.0	0.8	0.0	0.1	0.1	D.8	0.0	0.0	0.0
Total Capital Capita		5.0	1.0	1.0	4.0	5.0	8.0	1.1	0.8	0.1	0.1	0.8	0.1	0.0	0.1	0.0	0.8	0.1	0.1	0.8	0.0	0.6	0.6
Cumulative Costs			1.0	8.0	4.0	5.0	5.0	9.8	9.8	9.1	9.1	9.8	9.8	9.8	9.1	9.1	9.8	9.1	9.1	9.8	9.8	2.0	9.1
O & M Casta			1.0	6.0	8.0	1.0	1.9	6.3	5.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.5	6.5	6.5	6.5
Total Costs			1.0	6.0	4.0	5.0	1.9	6.9	6.9	6.9	6.9	.6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.5	6.9	6.5	6.5
Emelity																							
Municipal Urage Qty (Mm ⁸)			1.0	10	8.0	0.0	8.0	1.1	11.8	0.8	0.1	D.8	0.0	11.R	DI	DI	0.8	0.8	1.1	0.8	11.8	0.0	0.0
Unit Benefits of Municipal Water (JD/m ²)			1.735	1.735	1.735	1.735	1.735	1.735	1.735	1.735	1.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735
Munetipal Berefiltr (M JD)			1.0	1.0	1.0	6.0	1.0	1.1	0.8	0.1	0.1	0.8	0.0	0.8	01	0.8	0.8	0.1	0.1	0.1	0.8	0.6	0.6
Industrial Urage Qty (M m ²)			1.0	1.0	1.0	6.0	1.0	1.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.6
Unit Benefits of Industrial Water (ID4m ²)			2 740	2,743	2 740	2,740	2,740	2,741	2,741	2.748	2,741	2,741	2,741	2,741	2,748	2,741	2.741	2.748	2.748	2,748	2,748	2.748	2.740
ladartrial Benefitz (M.JD)			1.0	1.0	1.0	1.0	1.0	1.1	0.1	0.4	0.1	1.1	0.0	0.8	0.8	0.1	0.1	0.1	0.1	1.1	0.0	0.8	0.1
Imigation Usage Qty (M m ²)			10	0.0	1.0	1.0	15.6	101	36.5	36.9	37.4	37.8	38.1	38.3	38.0	38.3	38.1	38.1	38.3	38.1	38.3	38.1	38.3
Unit Benefits of Irrigation Water (JD/m ²)			0.285	0.265	0.255	0.285	0.285	0.285	0.285	0.285	0.285	0 285	0 285	0 285	0 285	0.285	0.285	0.285	0 285	0.283	0 283	0.283	0.283
Impation Benefits (M JD)			1.0	1.0	1.0	6.0	18.4	18.2	10,3	10.4	10.6	10.7	10,1	10.8	10.8	10.1	10,1	10.1	10.1	10.1	10.1	10.6	10.1
Total Sensefite (M JD)			4.0	1.0	8.0	8.0	18.1	38.2	10.3	10.4	10.6	10.7	10.8	10.1	10.8	10.1	10.8	10.8	10.1	10.4	10.1	10.8	10.4
Net Cash Flaw (M JD)			1.0	1.0	4.0	-5.0	2.1	3.3	3.4	3.5	3.6	3.8	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.5	3.9	3.5	33
Discouring (DR=10%)			8.90909	1.32645	1.75131	1.63301	1.62092	1.56447	0.51316	1.46651	1.42411	1.31554	1.35349	0.31863	0.28966	0.26333	0.23939	0.21763	0.19784	0.17986	0.16351	0.14864	0.13513
Total Qty Dalwered (M m ³)			1.0	8.0	1.0	0.0	25.6	36.0	36.5	36.9	37.4	37.1	38.1	38.3	38.3	38.1	38.1	38.1	38.1	38.1	38.3	38.3	52.3
EIRE	3384																						
NPV (MJD)	16.9		1.0	0.0	-1.0	-3.4	1.9	1.8	1.7	1.6	1.5	1.5	14	1.2	1.1	1.1	0.9	0.0	0.0	0.7	0.6	0.6	0.5
FV of Total Costs (M JD)	51.5		0.0	0.0	3.0	3.4	4.3	3.9	3.6	3.2	29	27	24	2.2	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.1	1.9
PV of Total Qty Delivered (M m ⁸)	238.1		0.0	0.0	0.0	0.0	22.1	20.3	18.7	17.2	15.8	14.6	13.4	12.2	11.1	10.1	9.2	8.3	7.6	6.9	6.3	5.7	5.2
Unit Water, Price (File/m ²)	212																						

Rehabilitation of Hickan-Kafrois Irrigation Project

ltem	Allocation 1		2000	2001	2862	2003	.2004	2115	2006	2007	2038	2889	2010	2011	2812	2013	2014	281.5	2016	2017	2018	2019	2020
Water Produced		11	ŋ	1	D	0	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
Saved		n	a		0	n		0	0	D		0	n		D	a		D	0	a	D	0	9
Manicipal Water	0.00	1.0	0.1	0.0	0.0	11	0.0	0.0	1.0	0.6	0.0	1.0	0.1	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.0	0
Physical Losses (%)			0.24	0.23	0.22	0.21	0.21	0.20	1.19	0.16	0.17	0.16	0.15	0.15	0.15	0.15	0.15	0.15	3.15	0.15	0.15	1.15	0.1
Physical Losses			0.8	0.0	0.0	1.1	0.0	0.0	8.0	0.8	0.0	1.0	0.0	0.0	0.0	1.1	0.0	0.0	1.0	0.0	0.0	1.0	0.
Administrative/Managerial Lancer (%)			0.21	0.19	0.16	1.14	0.12	0.10	1.09	0.41	0.07	0.06	0.15	0.05	0.05	1.05	0.05	0.05	1.05	D.115	0.05	1.05	0.1
Administrative/Managerial Larora			0.8	0.0	0.0	1.1	0.0	0.0	10.0	0.0	0.0	1.0	0.1	0.0	0.0	1.1	0.0	0.0	6.0	0.8	0.0	10	0
Quanty Delivere#			0.0	0.0	0.0	11	0.0	0.0	1.0	0.0	0.0	1.0	0.8	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.0	0
Quantity Whose Bills are Collected			0.8	0.0	0.0	1.1	0.0	0.0	1.0	D.E	0.0	10	0.0	0.D	0.0	1.1	0.0	0.0	0.9	0.0	0.0	10	0
ndustrial Water	1.00	10	0.1	0.0	0.0	1.1	0.0	0.0	1.0	0.0	0.0	10	0.1	0.0	0.0	1.1	0.0	0.0	1.0	0.6	0.0	1.0	1
Physical Lours (%6)			0.24	0.23	0.22	1.21	0.21	0.20	1.19	0.10	0.17	0.16	0.1.5	0.15	0.15	1.15	0.15	0.15	1.15	0.15	0.15	1.15	0.
Phyrical Losses			0.8	0.0	0.0	1.1	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.8	0.0	8.0	0
Administrative/Managerial Lasses (%)			0.21	0.19	0.16	0.04	0.12	0.10	1.09	D.88	0.07	0.06	0.85	0.05	0.05	1.05	0.05	0.05	1.05	0.65	0.05	1.05	0.1
Administrative/Managerial Lanser			. B.I.	0.0	0.0	1.1	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	J.L	0.0	0.0	10	0.0	0.0	8.0	0
Quantity Delivered			0.1	0.D	0.0	1.1	0.0	0.0	8.0	0.8	0.0	1.0	0.0	0.0	0.0	1.1	0.0	0.0	1.0	0.0	0.0	10	0
Quantity Whose Bills are Callected			0.0	0.0	0.0	1.1	0.0	0.0	6.0	0.8	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	8.0	0.8	0.0	8.0	0
inigation Water	1.00	11.0	0.1	0.0	0.0	1.1	11.0	11.0	11.0	11.0	11.0	11.0	11.1	11.0	11.0	11.1	11.0	11.0	11.0	11.0	11.0	11.0	11
Physical Lotter (%)			0.34	0.23	0.22	1.21	0.21	0.20	1.19	0.18	0.17	0.16	0.15	0.15	0.15	1.15	0.15	6.15	1.15	B 15	0.15	1.15	0.
Physical Lours			0.0	0.0	0.0	1.1	23	22	2.1	2.6	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1
Administrative/Managenal Laises (66)			0.21	0.19	0.16	6.14	0.12	0.10	1.09	0.84	0.07	0.06	0.05	0.05	0.05	1.05	0.05	0.05	1.05	0.05	0.05	1.05	0.
Administrative/Managetial Lasses			0.1	0.0	0.0	11	1.3	11	1.0	0.5	0.5	1.7	0.6	0.6	0.6	1.1	0.6	0.6	1.6	0.1	0.6	1.6	ĩ
Quantity Delivered			0.1	0.0	0.0	11	87	2.8	1.9	9.0	9.1	32	9.4	9.4	9.4	5.4.	9.4	9.4	3.4	9.4	9.4	2.4	ŝ
Quanty Whose Bils are Callected			0.1	0.0	0.0	11	7.4	77	7.9	81	8.4	16	8.8	8.8	3.8	11	8.8	3.8	13	8.8	8.8	1.3	2
Querry whot bus ac cracted			0.8	0.0	40	.4.4	.1.9		1.2	6.1	9.4	3.0	0.3	0.0	9.9		0.0	9.0	1.0	0.6	0.0	1.9	-
Pinanckil Analysis (M JD at 2000 Prices)																							
lbm lists	Parcent	Anouri	2000	2001	2012	2003	2004	2115	2006	2007	2003	2019	2010	2011	2812	2013	2014	2015	2016	2017	2011	2619	2020
Local Corto	286	1.0	0.1	0.0	0.4	1.6	0.0	0.0	10	0.0	0.0	10	0.8	0.0	0.0	U	0.0	0.0	1.0	0.1	0.0	1.0	1.2
																							D
Foreiga Casta	31%	40	0.1	0.0	1.0	24	0.0	0.0	1.0	0.0	0.0	10	0.0	0.0	0.0	11	0.0	0.0	1.0	0.0	0.0	10	0
Duty & Tasse	174		0.1			11	0.0						0.1	0.0		11			1.0			1.0	
Total Capital Costs		5.0	D.8	0.0	2.0	3.1	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.0		0.0	0.0	1.0	0.6	0.0	1.0	0
Dansalative Costs			0.1	0.0	20	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.8	5.0	5.0	5.1	5.0	50	5.0	5.8	5.0	5.0	5
O & M Casta			0.8	0.0	0.0	1.1	1.8	1.5	1.8	1.1	LS	1.8	3.1	1.6	1.8	3.8	1.5	1.8	1.8	1.1	1.5	1.8	1
Total Casts			0.3	0.0	2.0	3.1	1.8	1.8	1.8	1.1	1.8	1.8	1.8	1.8	18	1.8	1.8	1.8	1.8	1.1	1.8	1.8	1
Rowenses																							
Municipal Umage Oty (M m ³)			0.8	0.0	0.0	1.1	0.0	0.0	1.0	0.0	0.0	8.0	0.1	0.0	0.0	1.1	0.0	0.0	6.0	0.8	0.0	10	0
Numpel Teriff (JD/m2)			8.294	0.294	0.294	1.294	0.294	0.294	1.294	0.254	0.294	0.294	1.254	0.294	0.294	1.294	0.294	0.294	1.234	0.254	0.294	0.294	0.23
Municipal Revenues (M ID)			0.1	0.0	0.0	11	0.0	0.0	1.0	0.0	0.0	1.0	0.1	0.0	0.0	11	0.0	0.0	10	0.1	0.0	10	0.2
accenting concerns (an (15)				0.0	2.0	- 11	0.0	0.0	1.0	0.4	0.0		1.00	0.0	0.0		0.0	0.0	6.0		0.0	- 25	
Industrial Usage Qty (M m ²)			0.1	0.0	0.0	1.1	0.0	0.0	6.0	0.6	0.0	1.0	D.B	0.0	0.0	1.1	0.0	0.0	0.3	0.8	0.0	1.0	0
Industrial Tariff (JD/m ²)			1.01	1.000	1.000	1.008	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.1
Instatrial Revenues (M JD)			0.8	0.0	0.0	1.1	0.0	0.0	0.0	0.8	0.0	1.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.8	0.0	8.0	0
Imigation Usage Qty (M m ²)			0.8	0.0	0.0	1.1	7.4	7.7	7.9	8.1	24	8.6	8.8	8.8	8.8	1.1	8.8	8.8	1.3	8.8	8.8	1.3	8
Imigation Tariff (JD/m ⁸)			0.010	1.010	0.010	0.010	1.010	0.038	0.010	0.010	1.011	0.010	0.010	1.010	0.030	0.010	1.010	0.010	0.010	0.010	1.11.8	0.010	0.01
Impation Revenuer (M JD)			0.8	0.0	0.0	1.1	0.1	0.1	1.1	0.1	0.1	1.1	0.1	0.1	0.1	1.1	0.1	0.1	1.1	0.1	0.1	1.1	0
Total Revenues (M JD)			0.8	0.0	0.0	1.1	0.1	0.1	1.1	0.1	0.1	1.1	0.t.	0.1	0.1	1.1	0.1	0.1		0.1	0.1	1.1	D
				0.0	20		14	12	1.2		1			10			4.7	1.7				1	
Net Cash. Flow (M JD) Discounting (DR=8.5%)			0.1	0.0	-2.0	-1.1	-1.7 D.72988	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7 0.34281	-1.7	-1.7	-1.7	1,265
Fotal Qty Whore Bdlr are Callected (M m ²)			0.8	0.01551.0	0.05765	1.1	7.4	2.7	7.9	8.3	8.4	8.6	8.8	2.8	8.8	1.1	8.8	88	1.3	8.1	8.8	13	8
come dela contrata manufaria e anteriore (20 32)				0.0			1.4	3.6	13	80. d		9.0	6.2			0.000	4.6	3°.	1.0		w.0	•.9	0.5
FIRE	#DIV/01																						
(ULM) VEP	-28.5		0.1	0.0	-1.7	-2.3	-1.2	-0.1	-1.1	-1.8	-0.9	-19	-0.1	-0.8	-0.7	4.7	-0.6	-0.6	-1.6	-0.5	-0.5	-15	-0
W of Total Casts (M.JD)	21.3		0.0	1.0	1.7	2.3	1.3	1.1	1.1	1.1	1.1	0.9	0.9	1.3	0.8	0.7	1.7	0.6	0.6	2.6	D.5	0.5	a
집 같은 것 같은 것이 없는 것 같은 것이 많은 것 같이 없다.	84.1		0.0	1.0	0.0	0.0	5.4	5.3	5.1	4.9	4.7	4.6	44	4.1	3.9	3.6	1.4	3.2	3.0	2.8	2.7	2.5	2
			. 0.0	18.00	- 10.92	0.0	2.4	-	10.1	19.2		9.6	1.14.16	77.6	2.2	2.0	2.14	- 2.6	2.0	6.0			
PV of Total Bills Collected Qty (M m²) Just Water Price (Fils/m²)	254																						

lterz.	Percent.	Amount	2000	2001	2002	2003	2004	.2005	2006	2007	2008	2003	2010	2011	2012	2613	2014	2015	201 é	2017	2018	2019	2020
Casta																							
Leval Costs	20%	L0	0.0	1.0	0.4	1.6	0.0	0.0	0.0	0.0	1.0	0.0	0.8	0.0	0.0	1.0	0.0	0.6	0.0	0.0	1.0	0.0	0.1
Foreign Corte	10716	4.0	0.0	10	1.6	1.4	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	DB	0.0	0.0	1.0	0.0	D.1
Duty & Tapen	0%6	0.0	0.0	1.0	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	0.1	0.0	0.0	1.0	0.0	0.6	α.0	0.0	8.0	0.0	D.3
Tirtal Capital Costs		5.0	0.0	1.0	20	3.1	0.0	0.1	0.0	0.0	1.0	0.0	0.1	0.0	0.0	8.0	0.0	0.4	0.0	0.0	8.0	0.0	0.1
Consistive Costs			0.0	1.0	.2.0	5.8	5.0	5.1	5.0	5.0	5.0	5.0	5.8	5.0	5.0	5.0	5.0	5.8	5.0	5.0	5.0	5.0	5.
0 & M Costr			0.0	1.0	0.0	1.1	1.2	1.1	1.8	1.8	1.8	1.8	1.1	1.8	1.8	1.8	1.8	1.1	1.8	1.8	1.8	1.8	1.
Tetal Costs			0.0	10	2,0	3.8	1.8	1.1	1.8	1.8	1.8	1.8	1.1	1.8	1.8	1.8	1.8	1.4	1.8	1.8	1.3	1.8	1.1
Denetin																							
Municipal Usage Qty (M m ²)			0.0	10	0.0	1.1	0.0	D.8	0.0	0.D	1.0	0.0	D.8	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.1
Unit Benefits of Musicipal Water (JD/m ²)			0.735	0.735	0.735	1.735	0.735	0.735	0.735	0.735	1.735	0.755	8.735	0.735	0.735	0 735	0.755	1.735	0.735	0.735	0.735	0.735	1.73
Municipal Benefite (M JD)			0.D	1.0	0.0	1.1	0.0	0.1	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.
Industrial Usage Qty (M m ³)			0.0	1.0	0.0	10	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.8	0.0	5.0	10	0.0	0.0
Out Benefits of Industrial Water (JD/m ³)			2,740	2 740	2 740	2.748	2 740	2,741	2 740	2.740	2 740	2.740	2.741	2.740	2.740	2.740	2 740	2.748	2.740	2.740	2 740	2.740	2.74
Industrial BraseBts (M JD)			0.0	1.0	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	0.8	0.0	0.0	1.0	0.0	D.8	0.0	0.0	0.0	0.0	0.1
Impution Usage Qty (Mm ²)			0.0	10	0.0	11	8.7	81	8.9	9.0	51	9.2	9.4	9.4	94	9.4	9.4	9.4	9.4	9.4	5.4	9.4	9.
Unit Benefits of Imigation Water (JD/m ⁸)			0.383	0.285	1.253	0.285	8.282	0.283	0.283	0.253	0.255	1.251	0.355	0.283	0.285	0.285	1.213	0.353	0.283	0.285	0.285	1.251	0.253
Irrigation Benefitr (M.JD)			0.0	10	0.0	1,1	25	2.5	2.5	26	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	26	2.6	2.6	26	2.1
Total Benefits (M ID)			0.0	1.0	0.0	U.	2.5	2.5	25	2.6	2.6	26	2,6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.1
Net Cash Flow (M JD)			0.0	10	-2.0	4.1	0.7	0.7	0.8	0.8	1.8	0.9	0.5	0.9	0.9	1.9	0.9	0.5	0.9	0.9	1.9	0.9	0.5
Discounting (DR=10%)			1.91519	0.82645	0.15131	0.68301	0.62092	1.5644T	0.51316	0.46651	0.42410	0.38554	1.35145	0.31863	8.23566	0.26333	0.23939	1.21763	0.19784	1.17516	0.16351	0.14864	0.1351
Total Qty Delivered (M m ²)			0.0	10	0.0	1.1	8.7	6.1	3.9	9.0	5.1	9.2	9.4	94	9.4	1.4	9.4	5.4	9.4	9.4	14	9.4	p.,
EIRR	198																						
NEV (MJD)	1.8		0.0	10	+1.5	-2.8	0.4	0.4	0.4	0.4	1.4	0.3	0.3	0.3	0.3	1.2	0.2	0.2	0.2	0.2	1.1	0.1	0.1
PV of Total Corte (M JD)	14.7		1.0	0.0	1.5	2.0	1.1	1.0	0.9	1.8	0.7	0.7	0.6	0.6	1.5	0.5	0.4	0.4	0.3	1.3	0.3	1.1	0.2
PV of Total Qty Delivered (M m2)	58.2		1.0	0.0	1.1	0.0	5,4	5.0	4.6	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.2	20	1.8	1.7	1.5	1.4	1.3
Unit Water Price (Fils/m ²)	252																						

Storage on Jordan River and Side Wadis

Water Produced Saved <u>Monocipal Water</u> Physical Losses (%)		30 D		0	1	0	0	0	- A-														
Mangapel Water		D							0		0	0	0	0	- I.	0	0	0	30	38	30	- 16	
	0.00			0		0	0	0	0		0	0	0	. 0	I	0	0	0	0	1	0	1	
Physical Losses (%)	0.00	0.0	0.0	.10	0.0	1.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	1.0	0.0	0
			0.24	0.23	0.22	0.21	0.21	0.28	0.19	0.16	1.17	0.16	0.1.5	0.15	0.15	1.15	0.15	8.15	0.15	0.15	0.15	0.15	1.1
Physical Locose			0.0	0.0	0.0	1.1	0.0	0.8	0.0	0.0	8.0	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.0	0.0	8.0	0.0	0
Administrative/Managerial Looses (96)			0.11	0.19	0.15	1.14	0.12	0.16	0.09	0.08	1.07	0.06	0.05	0.05	0.05	1.05	0.05	1.15	0.05	0.05	0.05	0.05	1.1
Administrative/Managerial Losses			0.0	10	0.0	1.1	0.0	0.8	0.0	0.0	1.0	0.0	0.1	0.0	0.0	1.0	0.0	0.6	0.0	0.0	8.0	0.0	0
Osantity Delivered			0.0	10	0.0	1.1	0.0	0.0	0.0	0.0	1.0	0.0	0.8	0.0	0.0	1.0	0.0	0.6	0.0	0.0	1.0	0.0	D
Owantity Whose Bills are Collected			0.0	10	0.0	1.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.6	0.0	0.0	1.0	0.0	0
Industrial Water	0.00	0.0	0.0	8.0	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	0.1	0.0	0.0	1.0	0.0	0.6	0.0	0.0	1.0	0.0	1
Physical Lorent (%)			0.24	0.23	0.22	1.21	0.21	0.26	0.19	0.18	1.17	0.16	0.15	0.15	0.15	1.15	0.15	1.15	0.15	0.15	0.15	0.15	1
Physical Louists			0.0	10	0.0	1.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.8	0.0	0.0	8.0	0.0	1
Administrative/Managerial Losses (%)			0.21	0.19	0.16	1.14	0.12	0.18	0.09	80.0	1.07	0.06	0.05	0.05	0.05	1.05	0.05	8.85	0.05	0.15	0.05	0.05	1
Administrative/Managenal Losses			0.0	1.0	0.0	1.1	0,0	0.0	0.0	0.0	0.0	0.0	D.8	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0
Quantity Delivered			0.0	1.0	0.0	1.1	0.0	10	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	(
Quartity Where Sile are Collected			D D	10	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	D. II.	0.0	0.0	1.0	0.0	0.8	0.0	D D	8.0	0.0	1
Irrigation Water	1.00	30.0	0.0	10	0.0	1.1	0.0	0.1	0.0	0.0	8.0	0.0	0.1	0.0	0.0	1.0	0.0	0.6	30.0	30.0	38.0	30.0	- 21
Physical Louiss (%)			0.24	0.23	0.22	E.21	0.21	0.28	0.19	0.18	1.17	0.16	0.15	0.15	0.15	115	0.15	1.15	0.15	0.15	0.15	0.15	- L
Physical Losses			0.0	10	0.0	1.1	0.0	0.1	0.0	0.0	8.0	0.0	0.0	0.0	0.D	9.0	0.0	0.8	4.5	4.5	4.5	4.5	
Administrative/Managenal Losses (%)			0.21	0.19	0.16	1.14	0.12	0.18	0.09	0.05	8.07	0.06	0.85	0.05	0.05	1.05	0.05	1.15	0.05	0.85	0.05	0.05	Π.
Administrative/Managenal Losses			0.0	10	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.5	1.5	1.5	1.5	1
Quantity Delivered			0.0	1.0	0.0	1.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	8.0	0.0	0.1	25.5	25.5	25.5	25.5	19
Quantity Whate Bills are Collected			0.D	10	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0.	0.6	0.0	0.0	8.0	0.0	0.8	24.0	24.0	24.0	24.0	- 24
								1000				1000	2.010		2005				10.00	0.000	2800	1000	
Financial Analysis (M JD at 2000 Prices)																							
Iten.	Percent.	Amoust	2000	2003	2003	2003	3004	2005	2016	3007	2008	2009	2010	2011	2012	2033	2014	2015	201.6	2017	2018	2019	2020
Casts																							
Local Costs	20%6	14.0	0.0	1.0	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	D.1	0.0	0.0	1.5	5.6	4.5	0.0	0.0	1.0	0.0	0
Foreign Costs	80%6	56.0	0.0	10	0.0	1.1	0.0	0.0	0.0	0.B	1.0	0.0	D.8	0.0	0.0	14.0	22.4	19.6	0.0	0.0	1.0	0.0	0
Duty & Tates	0%6	0.0	0.0	10	0.0	1.1	0.0	0.6	0.0	0.0	1.0	0.0	0.1	0.0	0.0	8.0	0.0	0.8	0.0	0.0	8.0	0.0	0
Tetal Capital Costs		70.0	0.0	1.0	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.0	0.0	17.5	28.0	34.5	0.0	0.0	1.0	0.0	t
Cumulative Costs			0.0	1.0	0.0	11	0.0	0.1	0.0	0.0	1.0	0.0	0.6	0.0	0.0	17.5	45.5	TD.I	70.0	70.0	78.0	70.0	π
0 & M Contr			0.0	1.0	0.0	11	0.0	0.0	0.0	0.0	1.0	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.7	0.7	1.7	0.7	1
Tetal Cortr			0.0	10	0.0	11	0.0	0.0	0.0	0.0	1.0	0.0	0.1	0.0	0.0	17.5	28.0	24.5	0.7	0.7	1.7	0.7	0
THE COD			0.0	10	0.0					0.0	1.0	40	P.8.	4.4	0.0	17.3	20.0	29.3		10	10	w.r	
Extenses																							
Municipal Usage Off (N m ²)			0.0	8.0	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	0.1	0.0	0.0	1.0	0.0	0.6	0.0	0.0	1.0	0.0	0
Municipal Tariff (JD/m ²)			0.254	0.294	0.294	1.294	0.294	D.254	0.294	D.294	1.294	.0.294	1.234	0.294	0.294	0,294	0.294	1.254	0.294	0.294	0.294	0.294	1.2
Municipal Revenues (M JD)			0.0	1.0	0.0	11	0.0	0.8	0.0	0.0	1.0	0.0	.0.8	0.0	0.0	1.0	0.0	0.6	0.0	0.0	1.0	0.0	1
Industrial Unage Quy (M m ³)			0.0	1.0	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.0	0.0	8.0	0.0	0.6	0.0	0.0	8.0	0.0	0
Industrial Tariff (JD/m ²)			1.660	1,000	1.000	1.000	1.000	1.101	1.000	1.000	1.000	1.000	1.111	1.000	1.600	1.000	.1.000	1.014	1.000	3,880	1,000	1.000	1.0
Industrial Revenues (M JD)			0.0	1.0	0.0	11	0.0	0.1	0.0	0.0	1.0	0.0	0.8	0.0	0.0	1.0	0.0	0.6	0.0	0.0	1.0	0.0	
Impation Urage Qtr (Mm ²)			0.0	1.0	0.0	1.1	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	24.0	24.0	24.0	24.0	24
Imigation Taniff (TD(m2))			0.010	0.010	0.010	0.010	1.11.1	0.010	0 6 10	0.010	0.010	1.0.1	0.010	0.010	0.010	0.010	8.018	0.010	0.810	0.010	0.010	1.013	0.0
Irrigation Revenues (MJD)			0.0	10	0.0	- 11	0.0	0.1	0.0	0.0	1.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.2	0.2	1.2	0.2	1
Total Revenues (M JD)			0.0	10	0.0	1.1	0.0	0.6	0.0	0.0	1.0	0.0	0.1	0.0	0.0	1.0	0.0	0.6	0.2	0.2	1.2	0.2	
			0.22	0.222	8328	11212	1222	22277	1222	12.20	1222	1212.0	201	122274	12:277	1920	0.2220	1224	1.1	1122	17:22	1723	373
Net Cash Flow (MJD)			0.0	1.0	0.0		0.0	0.1	0.0	0.0	1.0	0.0	0.1	0.0	0.0	-17.5	-28.0	-34.5	-0.5	-0.5	-1.5	-0.5	1.00
Discounting (DR=6.5%)			1.93197	0.88166	0.12785	0.77732	0.72968	0.68533	0.64351	0.66423	0.56735	0.53273	1.50121	0.46968	1.44102	0.41410	0.38883	1.3651.6	0.34281	8.32189	0.30224	0.18380	0.266
Total Qty Whose Bills are Collected (M m ²)			0.0	1.0	0.0	1.1	0.0	0.0	0.0	0.0	1.0	0.0	0.4	0.0	0.0	1.0	0.0	0.8	24.0	24.0	24.0	24.0	- 24
and the second s																							
FIRE	#C47/081																						
RRR	#Cr//01 -29.1		0.0	10	0.0	1.1	0.0	D.8	0.0	0.0	0.0	0.0	D.8	0.0	0.0	.7.2	-10.9	-8.5	-0.2	+0.1	-1.1	-0.1	1
FIER NPV (M JD) PV «Thai Com (M JD)			0.0	10 0.0	0.0	8.8 0.0	0.0	0.0	0.0	0.0	0.0 0.0	0.0	0.0	0.0	0.0	7.2	-10.9	-8.5 8.9	-0.2 0.2	-0.1	-11.1	-0.1	-1
FIRE NPV (MJD)	-29.1			0.0070	0.002							1000		2.201	0.000								