Annex to 10.1 "Selected Projects for Pre-Feasibility Study" Contents

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(2)	Financial/Economic Analysis of Individual Wastewater Treatment Projects	SA10-41

(2) FINANCIAL/ECONOMIC ANALYSIS OF INDIVIDUAL WASTEWATER TREATMENT PROJECTS

Iten Water Produced Manacipal Water Physical Looses (%)	Allocation		2000	206.1	2102	2003	2064	2805	2004	2017	2008	2019	2910	2011	2012	2013	2014	281.5	2016	2017	2018	2019	2121
Shuticipal Water						0.0	1.0	0.1	1.0	0.0	0.1	2.0	11		12	2.2		24	24	2.5	24	2.6	
	1.07		0.8	10	0.8	0.0	10	0.1	1.0	0.0	0.1	10	11	2.1	12	23	23	24	24	15	28	2.0	21
	1.00		0.34	0.23	8.23	0.21	8.21	0.36	0.19	1.18	0.17	0.16	1.15	0.15	1.15	0.15	0.15	115	0.15	1.15	0.15	0.15	6.15
Physical Losses			0.1	1.0	0.0	0.0	1.0	0.8	1.0	0.0	0.1	13	0.1	0.3	13	0.3	13	0.4	0.4	1.4	0.4	0.4	- 10
Administrative/Managerial Lorose (%)			0.21	0.19	1.16	0.14	8.12	0.18	0.09	1.00	0.87	0.06	1.05	0.05	1.05	0.65	0.05	1.05	0.85	1.05	0.05	0.85	0.05
Administrative/Managerial Lourez			0.8	1.0	0.8	0.0	8.0	0.8	1.0	0.0	0.0	0.1	0.1	0.1	11	0.1	1.1	0.1	D.L.	1.1	0.1	0.1	1.1
Quantity Delivered			0.1	1.0	0.6	0.0	8.0	0.0	1.0	0.0	0.1	1.7	1.1	1.8	1.9	1.3	1.0	2.0	2.1	3.1	2.3	2.2	13
Quarkity Whose Bills are Callested			0.1	10	0.8	0.0	8.0	0.0	1.0	0.0	0.1	1.6	12	1.7	1.8	10	18	1.9	1.4	10	21	21	2.2
industrial Water	0.80		0.1	1.0	0.8	0.0	8.0	0.0	0.0	ao	0.1	8.0	0.8	0.0	8.0	0.1	8.0	0.0	0.0	8.0	0.8	0.0	
Physical Loopes (%)			0.34	0.23	1.21	0.21	1.21	0.38	0.19	8.18	0.17	0.16	8.15	0.15	8.15	0.15	0.15	115	0.15	1.15	0.15	0.15	0.15
Physical Lospet			0.8	8.0	0.8	0.0	8.0	0.8	1.0	0.0	0.1	8.0	0.8	0.0	8.0	0.0	0.0	0.0	0.8	1.0	0.8	0.0	1.0
Administrative/Id anagerial Lorose (%5)			0.31	0.19	1.14	0.14	8 12	0.18	0.09	1 00	0.87	0.06	20.6	0.15	1.05	0.85	0.05	1.05	0.85	0.05	0.05	0.85	E 02
Administrative/Wanagerial Looper			0.1	1.0	0.0	0.0	10	0.1	1.0	0.0	0.8	1.0	0.8	0.0	8.0	0.8	\$.0	0.0	0.1	1.0	0.6	0.0	10
Quantity Delivered			0.9	1.0	0.8	0.0	1.0	0.6	1.0	0.0	0.1	8.0	0.6	0.0	8.0	0.1	0.0	0.0	0.0	1.0	0.6	0.0	10
Quantity Whose Bills are Callented			0.8	1.0	0.1	0.0	1.0	0.1	1.0	0.0	0.1	1.0	0.4	0.0	8.0	0.1	1.0	0.0	0.1	1.0	0.4	0.0	1.0
Planarial Analysis (M JD at 2000 Prices)																							
3em	Pescent	Ansart	2000	2081	2002	2003	2084	1105	.200i	2017	2008	2003	1810	2011	2012	2813	2014	281.5	2016	2017	2818	2019	2823
Costs																							
Local Components	5856	1.5	0.8	1.0	0.0	0.0	10	0.0	1.5	0.5	0.5	0.0	0.8	0.0	10	0.1	0.0	0.0	0.8	10	0.6	0.0	
Farrign Camponents	58%6	1.5	0.8	1.0	0.0	0.0	8.0	0.6	1.5	0.5	0.5	8.0	0.6	0.0	10	0.1	8.0	0.0	0.0	10	0.6	0.0	10
Duty & Tutes	616	8.0	0.1	1.0	0.8	0.0	8.0	0.0	1.0	0.0	0.1	1.0	0.4	0.0	8.0	0.8	0.0	0.0	0.8	1.0	0.0	0.0	31.0
Total Capital Corte		3.0	0.1	1.0	0.0	0.0	1.0	0.1	1.0	1.0	1.0	1.0	0.0	0.0	10	0.1	0.0	0.0	0.0	1.0	0.0	0.0	
Ourselairee Castr			0.8	8.0	0.0	0.0	10	0.0	1.0	2.0	3.8	1.0	18	3,0	10	3.8	3.0	3.0	3.1	10	11	3.0	10
O & M Centa			0.1	1.0	0.0	0.0	10	0.0	1.0	0.0	0.8	1.0	0.8	0.0	10	0.8	0.0	0.0	0.1	1.0	0.8	0.0	8.0
Total Costs			0.8	1.0	0.8	0.0	0.0	0.8	1.0	1.0		1.0	α.#	0.0	10	0.1	8.0	α.0	0.1	1.0	0.4	0.0	8.0
Revenue:						50				2.2		1.1										24	- S.
Manaripal Usage Qty (M mS)			0.1	1.0	0.0	0.0	10	0.1	1.0	0.0	0.1	1.6	1.7	17	LB	1.1	18	1.9	11	10	2.1	21	13
Manicipal Tasiff (JD/mi3)			0.147	0.147	0.147	0.147	0.147	1.147	0.147	1.147	0.347	0.147	1.147	0.147	0.147	1.147	0.147	8.147	0.147	0.147	1.147	0.147	0.147
Matacipal Revenues (M JD)			0.8	10	0.0	0.0	10	1.0	1.0	0.0	0.0	13	0.1	0.2	13	01	1.3	0.5	0.1	10	0.3	0.3	13
Industrial Usings (Ety (IN m3) Industrial Tariff (IDdm3)			1,000	1.000	0.0	1.000	1.049	1,000	1.000	0.0	1.000	1.006	0.0	1.000	1.068	1,000	1.000	1.00	1.000	1.000	0.8	1.000	1.00
Industrial Revenues (NS JD)			0.1	10	0.1	0.0	10	0.1	1.0	0.0	0.1	1.0	0.8	0.0	10	0.1	1.0	0.0	0.1	1.0	0.0	0.0	1.000
Total Revenues (M JD)			0.1	10	0.5	0.0	1.0	0.0	1.0	0.0	0.1	1.2	0.1	0.0	1.3	0.1	8.3	0.5	81	1.5	0.3	0.3	1.3
Net Cash Flow (M JD)			0.1	1.0	0.1	0.0	E.O.	0.0	-1.0	-1.0	-1.8	1.2	0.1	0.2	12	0.2	8.2	0.3	0.3	13	0.3	0.3	13
Discounting (DR=6.5%)			1.93887	0.111.66	0.82785	8.77732	0.72988	0.68533	1.64351	0.60423	1.56735	0.59279	0.50021	1.465.63	0.44102	0.41418	1.34183	0.36510	13411	0.32189	0.30224	1 28390	0.36548
Total Oty Whose Bills are Callected (M m2).			0.1	E.O.	0.02100	0.0	10	0.1	1.0	0.0	0.1	1.6	1.7	1.7	1.8	1.8	18	1.9	1.9	1.0	2.1	3.1	12
FIRE	756		0.8			0.0	8.0	0.0	8.0	0.0		3.0	1.6		1.0	1.0	1.0	4.7		- 10	4.1	-9.1	- 6.4
NPV (M JD)	0.0		0.1	1.0	0.0	0.0	1.0	0.0	.86	.0.6	-0.6	10	0.1	0.1	11	0.1	13	0.1	0.1	1.1	0.1	0.1	1.1
PV of Total Costs (M JD)	20		0.8	10	0.0	0.0	8.0	0.1	1.6	0.6	0.6	10	0.0	0.0	10	0.1	6.0	0.0	0.1	10	0.0	0.0	10
PV of Total Bills Collected Qty (M m ²)	13.9		0.1	10	0.0	0.0	1.0	0.0	1.0	an	0.1	1.1	0.0	D.II	11	0.7	0.7	0.7	0.7	1.6	0.6	0.6	1.0
Unit Water Price (Filston)	146								199							0.0840							
Economic Anolysis (JD at 2000 Prizes)																							
bm	Percent	Ansont	2000	208.1	2802	2005	2084	2805	2004	2817	2008	2069	2010	2011	2012	2015	2014	2015	2016	2017	2010	2019	2828
Costa																							
Local Components	386	1.5	0.8	1.0	0.8	0,0	1.0	.0.8	1.5	0.5	0.5	1.0	0.8	0.0	8.0	0.9	1.0	0.0	0.8	8.0	0.8	0.0	8.0
Fareign Campoants	50%6	1.5	0.1	1.0	0.8	0.0	1.0	0.8	1.5	0.5	0.5	0.0	0.8	0.0	8.0	0.1	0.0	0.0	0.8	1.0	0.4	0.0	1.0
Duty & Taper	E55	1 D	0.8	1.0	12.B	0.0	10	0.1	1.0	0.0	0.1	1.0	0.8	0.0	1.0	0.1	E (1)	0.0	0.1	1.0	0.0	0.0	1.0
Total Capital Costs		3.0	0.0	1.0	0.8	0.0	8.0	0.8	3.0	1.0	1.0	8.0	0.8	0.0	1.0	0.1	8.0	0.0	0.8	1.0	0.0	0.0	1.0
Cussiliative Ceste			0.1	1.0	0.8	0.0	8.0	0.8	1.0	2.0	3.8	3.0	2.8	3.0	3.0	3.8	3.0	3.0	3.8	1.0	3.6	3.0	3.0
O & M Cate			0.1	0.0	0.8	0.0	1.0	0.0	0.0	an	0.0	E D	0.0	0.0	8.0	0.1	E.G.	Q D	0.1	8.0	0.8	0.0	1.0
Total Costs			0.8	0.0	0.0	0.0	8.0	0.1	1.0	1.0	1.0	8.0	0.8	0.0	8.0	0.8	8.0	0.0	0.1	1.0	0.8	0.0	1.0
Beck Big			1997	1.12	2201	1/22	22	2257	3.6435	1993	0.025		1657	112	1.23	198		623	: 영상	123	22	38	22
Municipal Usage Qty (m3)			0.8	1.0	0.8	0.0	1.0	0.1	1.0	0.0	0.1	1.7	1.1	1.8	上京	1.1.5	2.0	2.0	24	1.1	2.2	2.2	23
Unit Berafitr of Municipal Water (ID/mJ)			0.385	D. 368	1.358	0.365	D.368	1.341	0.368	E.368	0.368	0.365	8.358	0.365	0.368	1.365	0.353	1.355	0.365	0.355	1.568	0.365	0.368
Maxingal Benefits (JD)			0.1	1.0	0.8	0.0	1.0	0.1	1.0	0.0	0.1	1.6	0.3	0.7	17	0.7	1.7	0.8	0.1	1.8	0.0	0.8	1.5
Industrial Usage Qty (m3)			0.1	1.0	0.0	0.0	1.0	0.0	1.0	0.0	0.1	1.0	0.8	0.0	1.0	0.1	8.0	0.0	0.1	1.0	0.0	0.0	
Unit Berefitz of Industrial Water (JDfm3)			2,748	2,740	3.748	2,740	2.740	1748	2.740	3.740	2,748	2.740	3 748	2,740	2.740	3 748	2,740	3.740	2.341	2.740	3 148	2,740	2.740
Industrial Benefits (JD) Texad Decesifier (JD)			0.1	10	0.0	0.0	1.0	0.8	8.0	0.0	0.1	0.0	0.8	0.0	10	0.5	8.0	0.0	0.1	1.0	0.5	0.0	10
Total Bece Bru (JD)			0.0	1.0	0.0	0.0	1.0	0.1	8.0	0.0	0.8	1.6	0.7	0.7	8.7	0.7	1.7	0.8	0.1	1.8	0.8	0.8	1.5
Net Cash Firw (JD)			0.1	1.0	1.0	0.0	8.0	0.6	-1.0	-1.0	-1.8	1.6	0.6	0.6	17	0.7	17	0.7	0.7	1.8	0.0	0.8	11
			8.90683	0.22845	0.75131	1.65301	0.6209/2	0.56447	151316	0.46651	1.42418	0.38554	0.35048	8.31883	0.22966	D.26533	1.23839	0.21163	8.19784	0.17936	0.16351	1.14194	0.1.3513
Discounting (DR+10%)						0.0	E O	0.8	1.0	0.0	0.1	1.7	1.1	1.8	1.9	1.0	10	2.0	2.1	3.1	2.3	2.2	2.3
Dacouning (DR+10%) Datal Qty Delivered (m ³)	0.0255		0.1	1.0	0.1	0.0																2.4	
Daccounting (DR=10%) Datal Qty Delivered (m ²) <u>EIRR</u>	1916											102	12101	1257		0.0252	313						
Discouning (DR=10%) Total Qby Delivered (m ²) EIRR NPV (JD)	14		0.1	1.0	0.8	0.0	1.0	0.0	4.5	45	-0.4	12	01	0.3	12	0.3	13	0.2	0.1	11	0.1	0.1	
Daccounting (DR=10%) Datal Qty Delivered (m ²) <u>EIRR</u>												1.2 1.0 1.6	0.1 0.8 0.6	0.0 0.0 0.0		0.3 0.8 0.5	8.0 8.5						

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The Study on Water Resources Management of The Hashemite Kingdom of Jordan Final Report/Supporting Report Part-A "Master Plan"

Hydraulie Analysis (M m [*] (yr)						1.000.00	5 (August)			11110					2.1.2				44.57				20122
Rater Produced	Alsonia		2008	2011	1802	2003	2004	2885 L.O	2806	2007	2068	2019	2010	2011	2012	12013	2014	2015	2016	1117 L4	2018	2015	21/20
bracical Water	1.00		0.0	10	0.0	0.0	8.0	1.0	1.1	1.0	13	11	11	12	1.2	1.2	11	1.3	1.3	14	14	15	L.
	+ 346		0.34	1.25		0.31	0.21	6.20	0.19	0.13	D.17	1.16	0.15	0.15	1.15	1.15	0.15	0.15	1.15	0.15	0.15	0.15	1.1
Physical Larger (%)			0.0	1.0	8.22	0.1	1.0	1.2	0.1	0.2	1.2	0.2		0.2	1.2	0.2	0.3	0.2	12	0.2	0.15	12	1
Physical Lasses													0.2										
Administrative(Managenel Lasser (%)			0.21	1.19	1.16	0.14	0.12	1.10	0.09	0.88	0.07	1.05	0.85	0.85	1.05	8.05	0.85	0.15	8.05	0.05	0.15	0.05	8.0
Administrative/Manageroal Laster			0.0	10	0.0	D.B	1.0	11	0.1	10,1	0.1	0.1	0.1	D.1	1.1	0.1	0.1	D.1	11	0.1	01	1.1	1
Quanty Delivered			0.0	10	0.0	0.1	1.0	1.8	0.1	0.8	8.9	a p	0.0	1.0	1.0	1.0	11	1.1	11	1.2	1.1	13	- L
Quanty Whrze Bills are Collected			0.0	10	0.8	0.0	6.0	17	0.7	0.7	1.8	0.9	0.8	1.0	L.0	1.0	1.1	1.0	1.0	L1	11	1.2	t
olestrid Water	1,00		0.0	1.0	0.1	0,8	1.0	1.0	0.1	0.0	1.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	10	0.8	0.8	1.0	
Physical Langer (%)			D. 34	1.25	8.23	0.11	0,21	8 20	0,18	0.1.0	D.1T	8.16	0.15	0.15	0.15	8.15	0.15	0.15	1.15	0.15	0.15	0.15	0.0
Physical Lance			0.0	1.0	0.0	0.8	1.0	10	0.1	0.0	8.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	1.0	0.8	0.8	1.0	1
Administrative(Managerial Lasses (%)			0.24	1.19	3, 16	0.14	0.1.2	1.10	0.05	0.18	0.07	E 06	0.85	0.15	8.05	8.05	0.85	0.85	1.05	0.05	0.85	0.05	1.0
Administrative/Manageriel Lasser			0.0	1.0	0.8	0.8	1.0	K D	0.8	0.0	0.0	0.0	0.8	0.0	1.0.	0.0	0.8	0.0	1.0	0.6	0.8	1.0	1
Quantity Delivered			D.0	1.0	0.0	(3. II	1.0	1.0.	0.1	0.0	1.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	10	0.0	D.B	1.0	1
Quantity Whose Bills are Callected			0.0	1.0	0.8	0.8	1.0	1.0	0.1	0.0	1.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	10	0. E	0.8	1.0	- 11
Isancial Analysis (M JD at 2000 Prices)	1220247	915 123		10000	1000	0.0410	25775	10.250.25	1000	14365	1000	122112	1.00	1005	-0428	- 523749 T	000 N N	1000	12.22	30395			22/53
heni	Percest	Altornet	2006	28.81	2802	3003	2004	2015	2106	3007	2003	2119	2010	2011	2012	2013	2014	2015	2816	2817	3018	2015	2830
outur			1000		Serve				10.00	1000	1000	0.55		- 10 BOOM	10.2	1000	1000	10000	1270326	- 10 C	1000		
Los al Comp spenin			0.0	1.0	0.8	0.8	10	1.0	0.0	0.0	1.0	0.0	0.8	0.0	0.0	0.0	0.1	0.0	10	0.8	0.8	1.0	3
Fareign Components			0.0	10	0.8	0.0	0.0	1.0	0.1	0.0	1.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	8.0	0.6	0.8	1.0	1
Dwty & Tages			0.0	10	0.1	0.0	8.0	10	0.1	00	10	0.0	01	0.0	10	0.0	0.1	0.0	10	0.0	0.8	10	i
Total Capital Castr		2.8	0.0	15	0.5	D 5	13	10	0.8	0.0	1.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	R.D	0.0	0.8	1.0	1
Caralaise Costs		10	0.0	15	1.1	1.5	10	20	21	2.0	10	20	21	2.0	2.0	2.0	21	2.0	2.0	2.8	23	10	2
O de M Costa			0.0	10	0.0	0.0	10	10	0.1	0.0	1.0	0.0	0.1	0.0	10	0.0	0.1	0.0	10	0.6	0.8	10	i
Total Corts			0.0	15	0.5	0.5	1.5	10	0.5	0.0	10	a p	0.0	00	10	G.D.	0.8	0.0	10	0.6	0.1	10	î
			0.0	1.3	11.3	14.3			0.8	5/4		4.0	0.0	0.0	1.0	4.6	0.8	210	**	0.6	14.8	1.0	
ANNALARIA ANNA ANNA ANNA ANNA ANNA ANNA ANNA								1.0	0.0	6.7		20		10								4.8	100
Municipal Usage Qty (M.m3)			0.0	1.0	0.0	0.9	1.0	17	0.7	0.7	18	0.9	0.0	1.0	1.0	1,0	1.1	1.0	1.0	1.1	11	12	1
Manisipal Tariff (JU/m3)			0.147	0.147	1.147	0.147	0.147	1.147	1.147	0.147	0.1417	1.147	1.147	0.147	0.140	1.147	0.147	0.1.47	0.147	1.147	0.347	0.14T	1.14
Muumpal Revenuer (M JD)			0.0	8.0	0.0	0.8	1.0	11	0.1	0.4	1.1	0.1	0.1	0.1	1.1	0.1	0.3	0.2	12	0.2	0.3	1.2	1
Industrial Orage Qty (M mS)			0.0	10	0.8	0.1	0.0	8.0	0.0	D.0	1.0	0.0	0.1	0.0	8.0	0.0	0.1	D.0	1.0	0.0	0.8	1.0	1
Industrial Tariff (JD/m3)			1 000	1.008	1.890	1.000	1.000	L DEB	1.000	1.000	1.006	1.000	1,800	1,000	1.008	1.680	1.100	1.000	1.068	1.690	1.000	1.000	1.00
Industrial Revenues (M JD)			0.0	1.0	0.0	0.8	10	1.0	0.4	0.0	8.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	8.0	0.8	0.1	1.0	1
Total Revenues (M JD)			0.0	10	0.8	0.0	8.0	11	0.1	0.1	101	0.1	1.0	1.0	1.1	0.1	0.3	0.3	12	0.2	0.1	1.2	1.2
Net Cash Flow (M.JD)			0.0	-15	-0.5	-0.5	-1.5	11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	11	8.1	0.1	1.2	1.
Disconting (DR=6.5%)			8.93887.	0.11166	0.82785	8.77733	0.72488	0.68533	0.64351	8 60423	0.56735	0.53273	8:50001	8468.68	0.44102	0.41410	6.38883	0.36510	0.34281	0.32188	8.30034	0.24380	0.3664
Tirtal Qty Whose Bills are Collected (M m ²)			0.0	1.0	0.1	0.0	1.0	1.7	0.7	0.7	1.8	0.9	0.8	1.0	1.0	1.0	1.8	1.0	1.0	1.1	11	1.3	. t.
FIRE	455																						
NPV (MJD)	-0.5		0.0	.1.4	-0.4	-0.4	-1.4	11	0.1	0.1	1.1	0.1	0.1	0.1	E.L.	0.1	0.1	0.0	10	0.6	0.8	10	1
PV of Total Costs (M JD)	1.8		0.0	14	0.4	0.4	1.4	10	0.1	0.0	1.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	1.0	0.8	0.8	1.0	1
PV of Total Bills Collected Oty (Mm)	8.8		0.0	10	0.0	0.0	10	15	0.5	0.4	15	0.5	0.4	0.5	8.4	0.4	0.4	0.4	14	0.4	0.3	13	i.
Unit Water Price (Filmin)	203					9.4	1.0	i oven	0.005		1.7				a.,			0.00		9.1			
Economic Analysis (JD at 2000 Prices)																							
ben	Perceat	ACCHE	2006	2881 C	2902	2003	2004	2015	2805	2007	2008	2019	2010	2011	2012	-1019	2014	2015	2816	2917	2018	2015	28.20
Costs	1 sixta	2613.55	8000	1981	a 700a	20002		54.92	8 P.CC	20001	104.6	65.07	60.00	3011	- and a	481.2	10114	5012	24.18	2011	49110	20017	94.92
Los al Companints			0.0	1.0	0.0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	20.10	0.0	1.0	0.D	0.1	0.0	8.0	0.8	0.1	1.0	1.1
Faringin Components			0.0	10	0.1	0.0	10	10	0.0	0.0	8.0	0.0	0.8	0.0	1.0	0.0	0.1	0.0	80	0.6	0.8	10	1
Dety & Tamo				10		0.8		10	0.1	0.0			0.1	0.0	10		0.1				0.0	1.0	1
		21	0.0	15	0.0	0.8	10	10	0.0	0.0	10	0.0	0.1	0.0	10	0.0	0.0	0.0	10	0.6	0.0	10	
Totel Capital Carity			0.0								10			20									1
Cumulative Costs			0.0	15	1.1	1.5	2.0	20	21	2.0	2.0	2.0	2.0		2.0	2.0	21	2.0	20	2.8	21	2.0	
O dt. M Costa			0.0	1.0	0.8	0.8	1.0	8.0	0.1	0.0	1.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	10	0.8	0.8	1.0	1
Total Costs			B.0	15	0.5	0,5	13	10	0.8	0.0	1.0	0.0	0.1	0.0	0.0	0.0	0.8	0.0	8.0	0.0	0.8	1.0	1
Decefitz																							
Maxingal Unigs Qty (m3)			0.0	1.0	0.8	0.1	1.0	15	11.1	0.8	1.9	0.9	0.8	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	13	. L
Unit Benefits of Municipal Water (J'Dinil)			0.368	0.368	0.368	0.348	0.368	1.368	8.368	0.368	0.368	1.368	0.368	0.368	0.368	8.368	0.348	0.368	0.368	8.368	0.348	0.368	1.36
Manisipal Benefits (JD)			0.6	10	0.6	0.8	1.0	13	0.3	0.3	1.3	0.3	0.3	0.4	1.4	0.4	0.4	0.4	14	0.4	0.4	15	1
Industrial Orage Qty (m3)			D.O.	10	0.8	0.0	1.0	10	0.0	D.O	0.0	0.0	0.5	0.0	1.0	0.0	0.1	n.a	8.0	0.6	0.8	10	1
Unit Benefits of Industrial Water (JD/m2)			2.740	2.740	2.748	2,748	2.740	1.740	2.748	2,743	2.740	3.740	2.741	2,740	2,740	1.740	2,741	2.740	2.740	2 748	2.748	2.740	1.74
Industrial Benefits (ID)			0.0	1.0	0.6	0.8	6.0	1.0	0.1	0.0	1.0	0.0	0.1	0.0	1.0	0.0	0.1	0.0	10	0.6	0.8	1.0	1
Total Benefits (JD)			0.0	1.0	0.1	0.8	1.0	13	0.1	0.3	13	0.5	0.3	0.4	1.4	0.4	0.4	0.4	14	0.4	0.4	15	î
(et Each Flow (JE)			0.0	-45	-0.5	-0.5	4.5	13	0.1	0.3	13	0.5	0.3	0.4	14	0.4	0.4	0.4	14	0.4	0.4	14	
Accounting (DR=10%)			R SHARS	0.13545	0.75131	1.68311	0.63192	0.56447	0.51316	1.46651	0.42410	0.38554	1.35049	8.31863	0.18966	0.36333	1.23938	0.21763	0 19784	0.17988	1.16351	0.14164	0.135
												0.9											
inal Qty Delivered (m ²)	1000		0.0	1.0	0.8	0.8	8.0	1.8	0.8	0.8	19	0.9	0.9	1.0	1.0	1.0	1.1	11	1.1	1.2	1.2	1.5	
IRR	1385		0.000	1000	2020		12151	7220	0.000	10.000	910	1000	1000	1022-0	212	100	1200	12200	1000	2.0	14	02005	102
(PV (JD)	0.6		0.0	14	-0.4	-0.1	4.3	12	0.1	0.1	0.1	0.1	1.0	1.0	8.1	0.1	0.1	0.1	11	0.1	0.1	1.1	1
99 of Total Costs (JD)	1.6		0.0	1.4	0.4	0.3	13	10	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.8	0.0	10	0.0	0.8	1.0	
W of Total Qty Delotered (m ²)	5.8		0.0	8.0	0.8	0.0	6.0	15	0.4	0.4	8.4	0.4	0.1	0.3	1.3	0.3	0.3	0.2	1.2	0.2	0.2	1.2	1
ait Water Price (Plstar)	- 270																						

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Hydratolite Analysis (M m²(yr) Den.	Allocation		200	2001	2018	2003	2804	2015	2006	2117	2008	2.809	2010	2011	2012	2013	2014	2015	2016	2017	2011	2019	8021
Water Produced			10	0.0	1.0	10	0.1	5.0	5.2	5.3	\$.5	5.6	5.0	6.0	8.3	4.5	6.5	17	6.9	7.1	7.5	7.5	
Surgeignal Water	1.00		8.0	0.0	0.8	8.0	0.1	5.0	5.2	5.3	\$5	5.6	5.8	6.0	6.3	13	6.5	6.7	6.9	7,1	13	7.5	2.5
Physical Losses (%)			1.24	0.23	8.22	0.21	0.31	1.20	0.19	1010	0.17	0.16	1.15	0.15	8.15	0.15	0.15	1.15	0.15	8.15	0.15	0.35	1.1
Flepsical Lonse			8.0	0.0	0.8	0.0	0.1	L D	1.0	1.0	8.9	0.8	1.9	0.9	0.8	8.9	21.0	1.0	1.0	1.1	3.1	11	1.3
Advantation Waragerial Lenses (%)			1.21	0.19	1.16	0.14	0.12	W.10	0.89	8.06	0.07	0.16	1.05	0.15	1.05	0.05	0.85	1.05	0.85	1.05	0.05	0.65	1.0
A kninistrative?Managetal Lasses			8.0	0.0	0.8	1.0	0.1	8.5	0.5	0.4	14	0.3	1.3	0.3	0.3	13	0.3	13	0.3	0.4	1.4	0.4	1.
Quantity Delivered			8.0	0.0	0.8	1.0	0.8	4.0	4.2	4.1	4.6	4.7	4.9	5.1	5.2	3.4	5.5	5.7	5.9	6.5	6.2	6.4	5
Quantity Whose Bills are Collected			1.0	0.0	0.8	1.0	0.1	15	3.7	3.8	4.2	4.4	4.6	4.8	5.6	5.0	5.2	5.4	5.5	5.7	5.8	61	6.
odachial Weter	0.00		10	0.0	0.8	1.0	0.1	1.0	0.0	0.6	1.0	0.1	8.0	0.0	0.0	1.0	0.8	8.0	0.0	0.8	1.0	0.8	1
Physical Lonser (%6)			1.24	0.23	1.22	0.21	0.21	1.20	0.19	1.18	D.1T	0.18	1.15	.0.15	11.15	0.15	0.15	1.15	0.15	1.15	0.15	0.15	1.1
Physical Losses			1.0	0.0	0.1	1.0	0.8	8.0	0.0	0.6	1.0	0.1	10	0.0	0.8	1.0	0.1	1.0	0.0	0.6	1.0	0.1	1
Administrative/Managental Lasses (%)			0.21	0.19	1.16	0.14	0.12	8.10	0.19	K OR-	0.07	0.88	1.05	0.15	8.05	0.05	0.05	1.05	0.15	8.05	0.05	0.15	1.0
Administrative Managenal Lenter			8.0	0.0	0.0	8.0	0.1	1.0	0.0	0.8	1.0	0.1	8.0	0.0	0.6	8.0	0.1	10	0.0	0.8	1.0	0.1	1
Quantity Delivered			1.0	0.0	0.0	10	0.1	8.0	0.0	0.1	1.0	0.1	10	0.0	0.6	1.0	0.1	10	0.0	8.0	1.0	0.1	1
Quantity Whore Bills are Collected			10	b.0	0.0	1.0	0.1	R.O.	0.0	0.0	1.0	0.1	10	0.0	0.0	10	0.1	10	0.0	0.6	1.0	0.6	î
Financial Analysis (M JD at 2000 Prices)			1.0		0.4	8.0	0.4	1.0		0.8	8.0	0.8		0.0	0.8	- 2.0	0.8	4.0		0.8	1.0		
lien.	Percent	Among	2003	2001	2692	2003	1004	2065	2006	2897	2004	1809	2018	2011	2812	2013	1814	2015	2016	2017	2014	1819	2021
2041	1.00008	200.416	- 2019	1.0000	25.76	2000	10.0	10007	- 8000	4447	100/1	1997	2018	2011	- 251.2		1114	4007	2010	281.7	2011	111.7	sive #
La cal Components	18%	1.2	8.0	0.0	0.1	1.5	0.4	8.0	0.0	0.0	1.0	0.1	10	0.0	0.8	1.0	0.0	10	0.0	0.8	8.0	0.1	. 10
Foreign Cleng mento	5814	10.8	8.0	0.0	2.7	45	3.6	8.0	0.0	0.0	10	0.1	10	0.0	0.8	EO	0.1	10	0.0	0.0	10	0.8	1.1
Duty & Taxee	126	0.1	1.0	DO	0.0	10	01	10	0.0	0.6	1.0	0.1	10	0.0	0.0	10	0.1	10	0.0	0.6	1.0	0.1	i
Tetal Capital Costr	478	12.0	10	0.0	31	5.0	4.1	10	0.0	0.1	T.O.	0.1	10	0.0	0.8	10	0.1	10	0.0	0.6	6.0	0.1	i
Cusulative Costs		14.1	8.0	0.0	3.4	10	12.8	12.0	12.0	12.8	12.0	12.0	12.0	12.0	12.6	12.0	12.1	12.0	12.0	12.8	12.0	12.8	12
O & M Carte			10	0.0	2.6	10	0.1	12.0	0.1	0.1	11.0	0.1	12.0	0.1	0.1	12.0	0.1	11	0.1	0.1	11	01	12
Tetal Costs			10	0.0	3.8	5.0	4.8	11	0.1	0.1	1.1	01	11	0.1	0.1	8.1	0.1	11	0.1	0.1	11	01	î
			1.0	0.0	2.6	2.0	0.75	1.1	34.1	11.1		9.1		0.1	36.1	8.1	0.1	1.1	0.1	9.1		0.1	
Revenues			1.0	0.0	0.1	1.0	0.1	15		18	4.2	0440	4.6	4.5		0.2	53	5.4	5.5	- 57	5.8		
Municipal Urage Qty (M ra3)									3.7													6.1	8.
Monorpol Tariff (JD/m3)			0.143	0.147	1.147	0.147	1.147	0.143	0.147	1.(4)	0.147	1.147	0.147	0.147	1.147	0.147	1.147	0.147	0.147	1.143	0.147	1.147	0.143
Municipal Revences (M.ID)			1.0	0.0	0.6	10	0.1	1.5	0.6	0.4	1.6	0.6	1.7	0.7	0.7	8.T	0.1	1.8	8.0	0.8	19	0.8	13
Industrial Usage Q4y (Mar.3)			10	0.0	0.0	1.0	0.0	8.0	0.0	0.8	1.0	0.1	8.0	0.0	0.8	1.0	0.1	10	0.0	0.8	1.0	0.5	1.0
Industrial Tariff (JDJrn3)			1.068	1.000	1.690	1.008	1.000	1.089	1.000	1.810	1.008	1.900	1.008	1.000	1.100	1.008	1.000	1.008	1.000	1.690	1.008	1.000	1.000
Indestrial Reveales (M JD)			1.0	0.0	0.1	1.0	0.1	1.0	0,0	0.0	1.0	0.1	1.0	0.0	0.0	.0.0	0.1	10	0.0	0.0	1.0	0.1	.10
Tetal Revenues (M.ID)			E 0	0,0	0.0	1.0	0.1	1.5	0.6	0.6	1.6	0.1	17	0.7	0.7	LT.	0.5	12	0.0	0.8	6.9	0.8	19
Het Cash Raw (M JD)			8.0	0.0	-31	-5.0	-4.1	14	0.4	0.5	15	0.5	1.6	0.6	0.6	16	0.6	17	0.7	0.1	4.7	0.1	
Discriming (DR=6.5%)			0.53897	8 88196	0.82785	8 377 32	0.72918	0.48533	1.64351	0.10420	156735	0.53273	0.59021	8.469.90	0.44100	141410	0.38843	0.36510	0.34181	0.32168	1.3(224	0.38341	0.29548
Tatal Qty Whate Edit are Collected (M m ²)			1 D	D.0	0.0	1.0	0.5	15	3.7	3.8	4.2	4.4	4.6	4.8	5.8	5.0	5.2	5.4	5,5	5.7	5.8	6.1	8.7
EIRR	324																						
NPV (M JD)	-1.6		0.0	0.0	-2.5	-1.9	-2.9	8.3	0.0	0.1	1.5	0.3	13	0.3	0.3	1.3	0.1	1.2	0.2	0.1	1.2	0.7	1.7
PV of Tetal Centr (M JD)	18.4		1.0	0.0	2.5	3.9	2.8	1.1	0.1	0.1	1.1	0.1	1.1	1.0	0.1	8.0	0.1	1.0	0.0	0.0	1.0	0.1	
FV of Total Bills Collected Qty (M m ²)	46.2		8.0	0.0	0.0	1.0	01	2.4	2.4	2.4	14	2.3	2.3	23	2.3	3.1	2.8	10	1.9	1.1	1.8	1.7	1.6
Unit Water Price (Fishor)	225																						
Economic Analysis (JD at 2000 Prices)																							-
Den.	Percent	Adocent	3060	2001	2012	2003	2004	2045	2006	3117	2008	3809	2018	2011	201.2	2013	2014	2015	2016	281.7	2011	2919	2021
Costs																							
Land Components	1896	1.2	8.D	0.0	0.1	1.5	0.4	1.0	0.0	0.0	1.0	0.1	10	0.0	0.8	1.0	0.1	10	0.0	0.0	1.0	0.1	10
Foreign C ang abento	多的分	10.1	8.0	0.0	2.7	4.5	3.6	8.0	0.0	0.6	1.0	0.8	10	0.0	0.8	8.0	0.1	8.0	0.0	0.8	1.0	0.1	1.0
Duty de Tanes	174	0.8	1.0	0.0	0.0	10	0.1	1.0	0.0	0.8	1.0	0.1	10	0.0	0.8	10	0.1	10	0.0	0.8	0.9	0.1	10
Tatal Capital Costs		12.0	8.D	D.Q	2.1	5.0	4.1	8.0	0.0	0.6	1.0	0.1	8.0	0.0	0.6	0.0	0.0	8.0	0.0	0.6	0.0	0.1	11
Cumularive Costs			8.0	0.0	3.8	1.0	12.0	12.0	12.0	12.6	12.0	12.1	12.0	12.0	12.6	10.0	12.0	12.0	12.0	12.8	11.0	12.8	12.0
C & M Carts			8.0	0.0	0.0	1.0	01	11	D.1	0.1	1.1	0.1	8.1	0.1	0.1	1.1	0.1	1.1	0.1	0.1	0.1	1.0	11
Tetal Costs			8.0	0.0	2.1	5.0	4.1	8.1	0.4	0.1	1.1.	0.1	8.1	0.1	0.1	1.1	0.1	11	0.4	0.1	0.1	0.1	11
Bearin																							
Municipal Conge (by (m3)			10	0.0	0.0	1.0	0.1	4.0	4.3	41	46	4.7	4.9	5.1	5.3	5.4	5.5.	5.7	5.9	5.8	6.2	6.4	1 2
Unt Benefits of Managed Water (IDital)			0.368	0.368	1.361	0.368	8.368	0.368	0.368	1.361	0.368	8.368	0.368	0.368	1.368	0.368	1.361	0.368	0.368	1.351	0.368	1.361	0.36
Municipal Benefits (JD)			1.0	0.0	0.0	1.0	0.8	1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.5	1.0	2.8	2.1	2.2	2.3	13	2.3	. 2
Industrial Usage Qty (mll)			10	0.0	0.0	1.0	0.1	10	0.0	0.6	1.0	0.1	8.0	0.0	0.6	1.0	0.1	10	0.0	0.8	10	0.1	1
Unit Benefits of Industrial Water (JD/m3)			2.740	2,740	1.748	2.740	2,748	2.740	2,740	3.748	2.740	2.748	2,740	2,740	2.748	2.740	2.748	2.740	2,340	2.746	2,740	2.741	2.74
Industrial Benefits (JD)			10	0.0	0.8	1.0	0.8	8.0	0.0	0.8	1.0	0.0	10	0.0	0.8	1.0	0.1	10	0.0	0.6	1.0	0.8	1
Tetal Benefits (JD)			8.0	0.0	0.0	8.0	0.1	1.5	1.6	1.6	17	1.7	1.8	1.9	1.8	10	2.8	11	2.3	3.3	13	2.3	1
Net Cash Raw (JD)			10	0.0	-41	-5.0	4.1	1.4	1.4	1.5	16	1.6	1.7	1.8	11	19	1.1	20	20	21	12	2.2	2
Discreating (DR=18%)			0.58909	1.82645	0.75130	100100	0.62082	0.56447	1,51316	0.49651	1.42410	0.38554	0.15049	13189	0.23966	8 26333	0.23939	0.21763	1.19714	0.17956	1.1(3)	0.1+044	0.1351
Dated Oty Delaward (ar)			0.98909	0.0	0.0150	1.04301	0.01002	40	4.2	4.1	4.6	4.7	4.9	5.1	0.200108	3.4	5.5	0.41/00	5.9	6.6	12	6.4	0.1351
EIRR	13%		2.0	0.0	- M.I.	1.1	0.1	40		4.1	4.0		4.9	2.1	2.4	2.4	2.1	3.1	2.4	G. 8	1.2	0.4	
			22		12.20	2.4.4	0.62	4.4	22	2.4	12.21	20.2	0.5452	22	1.2	1000		1.445		2.2			112
AbA (DD)	2.2		8.0	0.0	-23	-1.+	-2.5	R 8	0.7	0.7	1.7	0.6	1.6	0.6	0.5	8.5	0.5	14	0.4	0.4	1.4	0.3	
PV of Total Code (ID)	12		10	00	23	14	2.5	11	0.1	0.1	11	0.1	10	0.0	0.0	10	0.1	10	0.0	0.0		0.1	11
FV of Total Qty Delayered (m ²) Onit Water Price (Filolog ²)	25.9		10	0.0	0.0	10	0.1	2.3	2.2	2.8	1.9	- 1 II.	1.7	1.6	1.5	14	1.1	1.2	1.2	1.1	1.0	0.8	1
	296																						

Hydraulic Analysis (M. m ³ /yr) Itero	ADminister.		2003	2003	2002	2003	2004	2005	2006	2007	2085	2089	3011	2011	2012	2013	2014	2015	201.6	2017	2018	2019	1505
Water Produced			II D	1.0	1.0	D.0	0.0	0.1	0.1	0.1	0.6	1.0	41.4	43.7	42.8	44.0	45.3	46.5	45.1	49.3	58.6	52 D	52.
dominin al Water	1.06		8.0	6.0	8.0	0.0	0.0	0.1	0.1	0.8	0.8	8.0	43.4	41.7	41.8	44.0	45.3	46.8	48.9	49.3	58.6	52.0	53.
Physical Lecters (%)			1.24	0.25	0.22	0.31	0.31	0.28	0.18	8.10	8.17	8.16	1.15	0.15	0.15	0.15	0.15	0.15	# 15	8.15	0.15	0.15	0.14
Physical Lanets			# 0	E.0	1.0	0.0	0.0	0.0	0.1	0.8	0.1	# D	61	1.3	6.4	6.6	6.8	7.8	7.2	7.4	7.6	2.8	1.0
Administrative/Managerial Loares (%)			1.21	0.19	0.16	0.14	0.12	0.38	0.69	8.06	W 00	1.05	8.05	0.05	0.05	0.85	0.85	0.85	1.05	8.05	0.05	1.05	0.05
Administrative/Managerial Logs ar			10	0.1	1.0	0.0	0.0	0.1	0.1	0.0	0.0	8.0	10	2.1	3.1	2.3	23	23	2.4	2.5	15	16	2.1
Quantity Delivered Quantity Where Bills are Collected			80	1.0	8.0	0.0	0.0	0.1	0.8	0.8	0.6	8.0	34.4	35.4	34.3 34.2	37.4	38.5	39.7 3T.4	40.8	41.5	43.0	44.2 41.6	45.3
	1.04		8.0	10	10	0.0	0.0	0.1	0.1	0.1	0.8	8.0	12.4	10	10	0.0	.0.0	0.8	0.8	0.8	10	41.5	42.6
Industrial Water	8.08			0.23	0.22	0.21	0.21	0.28	0.19	1.11	8.17	0.16		0.15	0.15	0.15	0.15	0.15	8.15	1.15	1.15	1.15	0.15
Physical Lesses (%) Physical Lesses			1.24	1.0	10	0.01	0.21	0.1	0.1	0.0	0.6	8.10	10	10	1.0	0.0	0.05	0.12	0.0	0.0	10	10	1.0
Administrative(Managerial Loss to (34)			1.25	0.19	0.16	0.14	0.12	0.18	0.69	8.08	1.00	1.06	1.05	0.05	0.05	0.25	0.85	0.85	1.05	8.05	1.05	1.05	0.05
Administrative/Managerial Losses			8.0	1.0	4.0	0.0	0.0	0.8	0.1	0.0	0.8	8.0	10	0.1	10	0.0	0.0	0.1	0.8	0.8	10	10	1.0
Quantity Delivered			10	1.0	1.0	0.0	0.0	0.1	0.1	0.8	0.0	8.0	8.0	8.0	E.0.	0.0	0.0	0.1	0.0	0.8	10	10	1.0
Quantity Whose Bills are Collected			10	1.0	1.0	0.0	0.0	0.1	0.1	0.8	0.6	8.0	1.0	1.0	1.0	0.0	0.0	0.8	0.0	0.8	10	10	1.0
Financial Analysis (M JD at 2000 Prices)	2423.555	0.01102.00									1.1.1.1		under State								1.000		
łm	Percent.	Amount	2011	2001	2002	2003	2004	2905	2806	2817	2088	2069	2011	2011	2012	2013	2814	2015	2016	2017	2018	2019	2028
Cests Local Concessints			8.0	ED	1.0	0.0	D.O	U 1	0.1	0.8	0.8	8.0	10	1.0	1.0	0.0	0.0	0.5	0.8	0.8	10	80	1.0
Foreigi, Components			10	10	1.0	0.0	0.0	0.1	0.1	0.0	0.6	10	8.0	1.0	10	0.0	0.0	0.1	0.8	0.6	1.0	10	10
Duty & Taper			10	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.6	10	10	10	1.0	0.0	0.0	0.1	0.1	0.6	10	10	8.0
Total Capital Casts		624	10	1.0	1.0	0.0	0.0	0.1	15.6	15.6	15.6	15.6	10	10	1.0	0.0	0.0	0.1	0.0	0.0	1.0	10	1.0
Consulation Costs			80	1.0	1.0	0.0	0.0	0.1	15.6	31.7	45.5	62.4	124	67.4	61.4	62.4	62.4	624	\$2.4	\$2.4	62.4	62.4	63.4
O & H Costa			8.0	1.0	0.0	0.0	0.0	0.8	0.8	0.8	0.0	8.0	11	11	1.1	3.1	5.1	31	31	3.1	11	11	1.1
Tatal Casto			8.0	0.0	1.0	0.0	0.0	0.1	15.6	15.6	15.6	15.6	3.1	3.1	2.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Renonces																							
Municipal Umge Qity (M rail)			10	0.1	1.0	0.0	0.0	0.1	0.1	0.1	0.0	8.0	32.4	\$2.4	39.2	38.2	36.2	31.4	38.4	32.4	41.4	41.6	41.6
Musicipal Tariff (JD/nd)			0.147	0.147	0,147	0.147	0.147	3, 147	8.147	4.147	8.147	0.147	0.147	0.147	0.1.47	0.147	1.147	1.147	8.147	8,147	0.147	0.147	0.147
Municipal Revenues (M.ID)			8.0	0.0	E (0	0.0	0.0	0.0	0.1	0.0	0.8	8 D	4.0	4.9	5.0	5.2	- 51	-5.5	5.6	5.8	9.2	\$ 1	1.3
Industrial Usinge Qty (M m3)			8.0	E.0	1,0	0.0	0.0	0.1	0.1	0.8	0.0	8.0	1.0	1.0	1.0	0.0	0.0	0.9	0.8	0.8	10	10	8.0
(newstall Tenff (JDVn3)			1.008	3.000	3.000	1.000	3.000	1.900	1.900	1.110	1,000	1.048	3,068	7.006	1.008	1.000	1,000	1.000	1.490	1,000	1.008	1.00	3.000
Industrial Revenues (MJD)			1.0	0.0	0.0	0.0	0.0	0.1	0.1	0.8	0.8	8.0	10	1.0	8.0	0.0	0.0	0.8	0.0	0.0	80	10	0.0
Tatal Revenies (M JD)			10	E.0	6.0	0.0	0.0	0.8	0.1	0.0	0.0	10	4.8	4.9	5.0	5.2	5.3	5.5	5.6	5.1	5.9	6.1	6.3
Net Cash Flow (M.ID)			8.0	1.0	1.0	0.0	0.0	0.1	-15.6	-15.6	-15.6	-15.6	1.6	15	1.9	21	23	24	25	17	11	10	11
Descenanting (DR=6.9%) Total Qty Whose Bills are Collected (M-m ²)			0.83397	# S#1.66 #.0	1.83785	1,77732	1.725.03	0.68511	0.64351 0.8	0.60425	0.56735	0.53273	1.51021	1.4636S 30.4	1 44102	# 41410 35.2	0.38883 36.7	0.36518 37.4	0.34281 38.4	0.32188 39.4	0.58224	0.38380 41.6	1.26643
LOUT ON MOOSE BIRD BE CONNECT IN THE L	WDITY/0		8.0	1.0	1.0	.000	0.0	0.8	0.1	0.4	0.4	1.0	34.4	33.4	2.4	30.4	- 20,4	31.4	35.4	32.9	48.4	41.0	42.6
UT MI TO	-21.3		8.0	1.0	1.0	0.0	0.0	0.1	-10.8	.0.4	-3.5	.13	8.8	1.8	1.8	0.9	0.9	01	0.8	0.9	10	1.9	1.3
PV of Total Corts (M JD)	55.4		10	10	1.0	0.0	0.0	0.8	10.1	9.4	1.8	13	1.6	15	14	1.3	1.2	1.1		11	1.0	1.0	1.0
PV of Total Bills Collected Qty (M m ²)	232.2		10	1.0	1.0	0.0	0.0	0.0	0.8	0.6	0.0	8.0	36.2	15.7	15.1	14.6	14.1	13.7	13.3	123	12.2	11.8	11.4
Unit Water Prize (Filofa ²)	235					100	100	1.11							5.52	1000	1963	100			100	2.5	- 635
Feinomic Analysis (3D at 2000 Prices)																							
iters	Percent	Anort	2011	2001	2002	2003	2004	2105	2106	2017	2088	2089	2018	2011	2012	2013	2914	2015	281.6	2017	2011	2019	2028
Casts Local Composients			10	1.0	1.0	0.0	0.0	0.8	0.1	0.5	0.8	8.0	1.0	1.0	1.0	pig	0.0	0.1	0.0	0.8	10	10	0.0
Foreign Components			8.0	1.0	1.0	0.0	0.0	0.1	0.1	0.8	0.6	8.0	1.0	EO	1.0	0.0	0.0	0.0	0.8	0.6	10		1.0
Duty & Taser				1.0	1.0	DO	0.0	0.1	0.1	0.0	0.0	1.0	10	10	1.0	0.0	0.0	0.1	0.1	0.0	8.0	8.0	E 0
Tatal Capital Casts		62.4	8.0	8.0	1.0	0.0	0.0	0.1	15.6	15.6	15.6	15.6	8.0	1.0	8.0	0.0	0.0	0.1	0.1	0.8	10	8.0	1.0
Costoliative Costs			10	0.1	1.0	0.0	0.0	0.1	15.8	31.1	46.0	42.4	62.4	61.4	63.4	62.4	62.4	62.4	\$2.4	\$2.4	12.4	42.4	62.4
O & M Costa			8.0	0.0	8.0	0.0	0.0	0.0	0.1	0.0	0.0	8.0	3.1	1.1	1.1	3.1	5.1	3.1	3.1	2.1	11	11	3.4
Tutal Ciento			8.0	1.0	8.0	0.0	0.0	0.8	15.9	1.5.6	15.6	15.6	3.1	2.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	11	3.1
Denefic																							
Municipal Usage Qty [m]]			8.0	1.0	1.0	0.0	0.0	0.1	0.1	0.6	0.0	8,0	34.4	35.4	91.3	37.A	38.5	39.7	-42.8	41.8	41.0	44.2	45.3
Unit Breedts of Municipal Water (JD/m3)			0.368	0.368	0.368	0.365	0.388	1.301	1.361	1.361	1.308	0.368	0.368	0.368	0.368	0.368	8.365	1.301	1.368	1.351	0.368	0.368	0.355
Municipal Benefitz (JD)			8.0	1.0	0.0	0.0	D.0	0.1	0.3	0.0	0.0	1.0	12.7	12.0	11.4	13.5	14.3	14.6	15.8	15.4	15.8	16.5	16 T
Industrial Unsur Qty (m3)			10	1.0	1.0	0.0	0.0	0.1	0.1	0.0	0.6	1.0	10	1.0	1.0	0.0	0.0	0.1	0.8	0.4	10	10	10
Onit Benefits of Indestital Water (JD/nG) Industrial Benefits (JD)			2,740 #.D	2740	2740	2,740	2,740	2 741	2.348	2.748	2.746	2.740	2740	2,740	2,740 1.0	2.740	2,740	2,748	3 T40 0.0	3.746	3.740 1.0	2,740	2,740
Tinal Benefits (JD)			RO	10	1.0	0.0	0.0	0.1	0.1	0.0	0.6	1.0	12.7	12.0	13.4	13.8	14.2	14.6	15.8	15.4	15.8	16.3	16.1
Heat Second (JD) Net Cash Flour (JD)			10	1.0	10	0.0	0.0	0.1	-15.1	-15.6	-15.6	-15.6	127	12.0	12.4	13.8	14.2	11.5	11.9	12.0	12.8	18.3	11.5
Dese summer (DR=0.0%)			0.58502	1.81645	1.751.91	8 683.81	E-62682	0.56447	0.51316	0.46651	0.42418	0.38554	# 35049	131163	1 28866	1 26333	0.23999	0.21763	0.19784	0.17988	0.16351	0.14364	1 1351
Total City Delivered (m ²)			10	10190	1.0	0.0	0.0	0.1	0.01518	0.40051	0.4	1.0	34.4	35.4	363	37.4	385	39.7	-40.0	41.9	410	44.2	45.
CIRE	14%		*0				0.0			0.8		10		20.4		31.4	30.3	34.1	41.8	11.3	11.0		40
(PV (JD)	11.2		8.0	6.0	1.0	0.0	0.0	0.1		.7.1	4.6	-6.0	13	3.2	10	2.8	2.6	25	2.4	2.3	2.1	10	13
PV of Total Corts (JD)	35.3		30	1.0	1.0	0.0	0.0	0.0	8.1	7.3	6.6	\$0	1.1	10	1.9	0.0	0.7	0.7	0.8	0.4	15	15	
PV of Total Qty Deinered (m ²)	134.5		10	1.0	1.0	0.0	0.0	0.0	01	0.0	0.1	10	12.0	113	11.5	0.0	9.2	8.6	81	2.5	2.0	6.0	1.1

tydrusile Analysis (M ns ¹ /yr)	Alexation		2008	201	2002	2003	2804	2005	2886	2007	311	2009	2018	2011	2011	2013	2014	2015	2316	2017	2618	2019	2010
Item Agtor Produced	AUDICATION		0.0	0.0	0.1	10	1.5	15	11	1.6	17	1.1	1.8	11	19	20	2.1	21	210	2011	23	2.3	
Wantu al Wistor	1.00		0.0	0.0	0.0	10	1.5	15	1.0	1.6	1.7	11	1.6	1.0	1.9	20	21	11	21	12	2.7	2.3	
	1.00		0.34	1.23	0.22	1.27	0.21	0.20	1.15	0.18	1.12		0.15	0.15	0.15	1.15	0.15	1.15	0.15	0.15		0.15	1
Pagracal Louisea (%)												0.16									# 15		
tyraical Losses			0.0	0.0	0.8	1.0	0.3	13	0.3	0.3	8.3	0.0	1.3	0.3	0.3	0.3	0.3	13	0.3	13	0.3	0.3	
ukaninistrative/Managerid Lorses (%)			0.21	0.19	0.1.8	30.14	0.32	0.10	8.05	0.88	-11.07	0.8.6	0.05	0.05	0.15	1.05	0.85	8.05	0.85	0.05	8.05	0.85	100
dministrative. IN assignrial Losses			D.0	0.0	0.8	10	0.2	1.2	0.1	0.1	1.1	1.0	1.1	0.1	0.1	0.1	D.L	8.4	0.1	1.1	0.1	0.1	
mentity Delivered			0.0	0.0	0.1	10	0.2	12	4.1	1.3	1.4	1.5	15	1.6	1.6	1.7	1.2	1.8	1.1	1.9	2.8	2.0	
Quantity Whose Bills are Collected			0.0	0.0	0.8	10	1.0	33	1.1	3.2	1.3	64	3.4	1.5	1.5	LO	1.8	LT	1.7	1.8	1.1	1.8	
larinal Water	D.00		D.O.	0.0	D.8	10	0.0	0.1	0.0	D.G	10	0.1	0.1	0.0	0.0	αD	0.8	1.0	0.1	E.0	0.0	0.0	
byrical Lorent (%)			0.24	1.25	0.22	1.21	0.31	0.20	8.18	0.13	1.17	0.18	0.15	0.15	0.15	1.15	0.15	0.15	0.15	0.15	0.12	0.15	
figuical Losses			0.0	0.0	0.8	1.0	0.1	1.0	0.0	0.0	10	0.8	6.0	0.8	0.0	0.0	0.0	1.0	.0.8	1.0	0.8	0.0	
Aninistrative/Masagerid Lorses (%)			0.21	1.19	0.18	8.14	0.12	0.10	1.05	0.88	E.07	0.66	0.05	0.05	0.15	1.05	0.15	1.05	0.85	0.05	8.05	0.15	
dministrative/Managerial Lorose			0.0	0.0	0.0	10	0.1	1.0	0.0	0.0	10	0.0	1.0	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.8	0.0	
Mantin Delward			0.0	0.0	0.0	10	0.8	1.0	0.1	0.0	8.0	0.8	1.0	0.1	0.0	0.0	0.0	10	0.1	1.0	0.0	0.0	
			0.0	0.0	0.8	1.0	0.1	10	0.1	0.0	1.0	0.1	10	0.1	0.0	0.0	0.0	10	0.1	1.0	0.6	0.0	
wantity Whose Bills are Collested			0.0	.0.0		4.0.	0.1	1.0	.9.8	.000	8.0	0.1	-1.0		.000	. 0.0	0.8	1.0		1.0		9.0	
amrial Analysis (M JD at 2000 Prices) Dem	Percent	Amount	2008	2011	2002	2003	2804	2008	2006	2007 :	2013	2009	2018	2011	2012	2013	2014	2015	2016	2017	2013	2019	- 212
	Percera	ABORE	2008	411	2002	-208.3	2859	2008	1980	2007	- 4111	2009	2018	2011	2012	201.1	2014	2015	2810	2011	281.0	2019	
sta oral Consponento	2014	11	0.0	0.3	0.6	13	0.1	1.0	0.8	0.0	10	0.8	1.0	0.8	0.0	8.0	0.8	10	0.0	1.0	0.0	0.0	
	1974	4.4	0.0	11	2.1	1.1	0.8	10	0.6	0.0	80	0.8	10	0.6	0.0	0.0	0.0	10	0.5	10	0.0	0.0	
ieniga Campapante																							
Duty & Tassa	255	0,2	0.0	0.0	0.0	10	0.1	1.0	10	0.0	10	0.1	0.0	1.0	0.0	0.0	0.5	10	10	0.0	0.0	0.0	
Total Capital Costs		5.5	0.0	1.4	2.8	L4	0.0	1.0	0.8	0.0	10	0.0	0.0	0.8	0.0	0.0	0.8	10	0.8	8.0	0.8	0.0	
Ouenalative Casts			0.0	-1.4	.4.1	5.5	5.5	3.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	55	5.5	5.5	-55	5.5	5.5	5.5	
D & M Cette			0.0	0.0	D.1	1.0	0.1	1.1	0.1	0.1	11	0.1	1.1	0.1	0.1	0.1	0.1	1.1	0.1	1.1	0.1	0.1	
Total Costs			0.0	1.4	2.8	1.4	0.1	1.1	0.1	0.1	11	0.1	1.1	0.1	0.1	0.1	0.0	11	0.1	1.1	0.1	0.1	
elemente internet																							
Autocipal Usage Qty (Miml)			0.0	0.0	0.8	10	1.1	1.1	1.1	12	1.5		1.4	1.5	15	1.6	1.8	LT	17	18	1.8	3.0	
Resident Teriff (JD/m3)			0.147	8.147	0.347	D.14T	1.147	U.L-IT	8.147	0.147	0.147	0.147	D.LAT	1.147	0.147	1.147	0.347	U.14T	1.147	0.141	0.147	0.347	10
Anticipal Revenues (M JD)			0.0	0.0	0.8	10	0.1	1.2	0.2	0.2	12	0.2	6.2	0.2	0.2	0.2	0.2	1.2	0.1	13	0.3	0.3	
okatnal Urage Qtr (M mJ)			0.0	0.0	0.8	1.0	0.3	1.0	0.6	0.0	8.0	0.0	8.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.8	0.0	
Industrial Tariff (JD(m3)			1 000	1.001	1.000	LORD	1.800	1 008	1.000	1.000	1.009	1 800	1.008	1.880	3 000	1.000	1.000	LOSS	1.000	1 006	1.000	1.000	1
Industrial Revenues (RS JD)			0.0	0.0	0.1	10	0.0	1.0	0.0	0.0	10	0.1	1.0	0.8	0.0	0.0	0.0	10	0.0	1.0	0.6	0.0	
Total Revenues (M JD)			0.0	0.0	0.0	10	0.1	8.2	0.2	0.2	1.2	0.3	8.2	0.1	0.2	0.2	0.7	12	0.1	13	0.3	0.3	
				4.4		1.4							17										
let Clesh Flew (M. ID)			0.0		-2.1		0.1	U.,	0.1	0.1	11	0.2		0.1	0.2	0.2	0.2	17	01	13	0.1	0.2	1222
incoming (DB=6.5%)			8.93597	0.55166	8 312785	0.77752	0.72985	0.68555	0.94381	1 60433	0.51735	1,55273	0.58821	0.46968	8.44183	0.41410	1.3311	0.16510	0.34281	0.531.89	0.91224	8 283.80	0.2
'ital Qty Whate Bilb are Callected (M m ²)			8.0	0.0	0.1	10	C.U.	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	18	1.1	1.8	
IEE	814																						
(PV (M JD)	-2.9		0.0	-1.3	-2.1	-L1	0.1	1.1	0.1	0.1	11	0.1	1.1	0.1	0.1	0.1	0.1	1.1	0.1	11	0.1	0.1	
V of Total Coats (M JE)	5.1		0.0	1.2	2.1	1.1	0.1	1.0	0.0	0.0	10	0.1	1.0	0.0	0.0	0.0	D.1	1.0	0.0	E.0	0.0	0.0	
'V of Total Balls Collected Qty (M m ²)	14.8		0.0	0.0	0.8	10	0.2	1.7	0.7	0.7	1.7	0.7	1.7	0.7	0.7	0.7	0.6	1.6	0.6	16	0.6	0.5	
hist Water Price (Fils/m ²)	344																						
comunic Analysis (JD at 2000 Prices)																							
lten	Percent	Amount	2006	201	2002	2083	2004	2006	2116	2007	28.63	3009	2018	2811	2012	2013	2014	2015	2016	2017	2018	2019	2111
5 <u>1</u>																							
oral Components	2,004	1.1	0.0	0.3	0.6	8.3	0.0	1.0	0.8	0.0	1.0	0.0	1.0	0.8	0.0	0.0	0.0	1.0	0.8	1.0	0.8	0.0	
man Components	8.895	4.4	D.0	1.1	2.1	1.1	0.0	0.0	3.1	0.0	8.0	0.0	8.0	3.1	0.0	: 0.0	0.0	1.0	0.1	1.0	. 0.1	0.0	
uty & Tanto	104	0.6	0.0	.0.0	0.8	1.0	0.8	1.0	.0.8	0.0	80	0.8	1.0	.0.8	0.0	0.0	0.8	10	0.8	1.0	0.8	0.0	
otal Capital Costs		5.5	0.0	1.4	2.8	1.4	0.1	8.0	0.6	0.0	8.0	0.0	8.0	0.6	0.0	0.0	0.8	1.0	0.6	8.0	0.8	0.0	
Anglative Castr			0.0	1.4	4.1	\$5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	55	5.5	5.5	5.5	5.5	5.5	5.5	
At M. Centr			0.0	0.0	0.0	8.0	0.1	11	0.1	0.1	11	0.1	1.1	0.1	0.1	0.1	0.1	11	0.1	1.1	0.1	0.1	
foral Costs			0.0	1.4	2.1	1.4	0.1	11	0.1	0.1	11	0.1	10	0.1	0.1	0.1	0.1	11	0.1	1.1	0.1	0.1	
			100	1.4	1.55		0.1			0.1		0.1		4.4	0.1	0.1	0.1		0.1		0.1	0.4	
icie Ello			22.0	1223	1222	1.50		820	100		1.1	25	2.0	1000	0.62	100	100	100			100		
Anticipal Orage Qby (mS)			0.0	an	0.0	1.0	1.1	12	1.1	1.3	1.4	0.13	1.5	1.6	1.6	1.7	1.7	1.1	1.1	1.9	2.0	2.0	
Juit Benefits of Municipal Water (JD/m3)			0.368	1.368	0.361	0.368	1.30	0.368	1.351	0.368	0.368	0.368	0.368	1.361	0.168	1.368	0.368	0.368	1.361	0.368	1.368	0.368	- 21
(neicipal Benefito (JD)			0.0	0.0	0.8	1.0	0.4	1.4	0.5	0.5	1.5	0.6	1.6	0.4	0.6	0.6	0.6	1.7	0.7	1.7	0.7	0.7	
sdiatrial Urage Qty (mJ)			. 0.0	0.0	0.8	1.0	0.1	1.0	0.6	0.0	10	0.1	1.0	0.6	0.0	0.0	0.0	1.0	0.8	0.0	0.0	0.0	
Juit Benefits of Industrial Water (JD(mS)			2.740	2.740	2,741	2.740	2,741	2740	2,748	2,740	2.740	2,748	2,740	1 148	2,740	2.740	2,740	2.740	2.748	2,740	2.748	2,740	
skutnial Beachts (JD)			0.0	0.0	0.8	10	0.1	1.0	0.1	0.0	10	0.1	1.0	0.0	0.0	0.0	0.8	1.0	0.1	8.0	0.6	0.0	
fotal Benefito (ID)			0.0	0.0	0.8	1.0	0.4	14	0.5	0.5	15	0.8	1.6	0.6	0.6	0.6	0.6	1.7	0.7	8.7	0.7	0.7	
et Cash Flow (JD)			0.0	-1.4	-2.5	-1.4	0.4	14	0.4	0.4	15	0.5	15	0.5	0.5	0.6	0.6	16	0.4	1.6	0.7	0.7	
inconting (DB=10%)			1 (0 1 1 2	0.12645	1.75131	0.65301	D.62083	0.56441	0.51516	8.40851	0.43410	1.52554	0.35349	0.31363	8.28590	0.25555	8.25839	0.11765	0.19724	1.17836	D.16353	1.142.04	0.1
nal Qty Delivered (m ²)			0.0	0.0	0.8	1.0	1.3	12	1.3	1.900.51	1.4	1.5	15	1.0	1.6	1.7	1.7	1.8	1.1	19	2.0	2.0	
	215		-0.0	0.0	0.4	1.0	1.2	12	1.1	1.3	1.4	1.3	12	1.6	1.0	0.100	1.0	1.6	1.1	19	- 2.8	2.0	
RR				3792		202		4.20	19.2	100	244		1220					10.5	0.7	200			
PV (JD)	4.8		0.0	-1.1	-21	-1.9	0.3	12	0.3	0.3	12	0.3	12	0.3	0.3	8.2	01	4.1	0.1	1.1	0.1	0.1	
THE REPORT AND A DESCRIPTION OF A DESCRI	- 4.5		8.0	11	2.1	1.9	0.1	1.0	0.0	0.0	10	0.1	1.0	0.8	0.0	0.0	0.1	1.0	0.8	1.0	0.0	0.0	
V af Total Costs (JD)																							
7 of Total Costs (JD) 7 of Total Qty Delivered (m ²) 10 Water Price (Fisher)	5.9 453		0.0	0.0	0.8	1.0	5.0	1.7	0.7	0.6	3.6	0.6	4.5	0.5	0.5	0.4	0.4	8.4	0.4	1.3	0.3	0.3	