

JAPAN INTERNATIONAL COOPERATION AGENCY  
MINISTRY OF WATER AND IRRIGATION  
THE HASHEMITE KINGDOM OF JORDAN

**THE STUDY ON  
WATER RESOURCES MANAGEMENT  
IN  
THE HASHEMITE KINGDOM OF JORDAN**

**FINAL REPORT VOLUME VII**

**SUPPORTING REPORT  
FOR**

**PART-A WATER RESOURCES MANAGEMENT  
MASTER PLAN**

**CHAPTER 9 WATER RESOURCES MANAGEMENT MASTER PLAN**

**CHAPTER 10 SELECTION OF PRIORITY PROJECTS FOR  
PRE-FEASIBILITY STUDY**

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**The Study on Water Resources Management in the Hashemite Kingdom of Jordan**

**FINAL REPORT VOLUME VII**

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**FOR**

**PART-A “WATER RESOURCES MANAGEMENT MASTER PLAN”**

**Chapter 9 Water Resources Management Master Plan**

**Chapter 10 Selection of Priority Projects**

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**SUPPORTING REPORT**  
**FOR**  
**CHAPTER 9**  
**Water Resources Management**  
**Master Plan**

**ANNEX to 9.4.2**

## **Projected Financial Statements**

**Table 9.4.2-2 Financial Plan (Water Development) - Revenues**

Item	Completed	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>1. Municipal Water Development Projects</b>																						
Municipal Usage Qty (M m <sup>3</sup> )	0.0	0.0	3.0	13.3	21.1	21.7	41.8	103.7	167.2	171.7	212.7	218.2	218.2	218.2	218.2	218.2	224.4	224.4	224.4	224.4	224.4	224.4
Municipal Tariff (JD/m <sup>3</sup> )	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382
Municipal Revenues (M JD)	0.0	0.0	1.1	5.1	8.1	8.3	16.0	39.6	63.9	65.6	81.3	83.3	83.3	83.3	83.3	83.3	85.7	85.7	85.7	85.7	85.7	85.7
Industrial Usage Qty (M m <sup>3</sup> )	0.0	0.0	0.3	1.5	2.3	2.4	4.6	11.3	18.2	18.7	23.2	23.8	23.8	23.8	23.8	23.8	24.5	24.5	24.5	24.5	24.5	24.5
Industrial Tariff (JD/m <sup>3</sup> )	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120
Industrial Revenues (M JD)	0.0	0.0	0.4	1.6	2.6	2.7	5.1	12.7	20.4	21.0	26.0	26.7	26.7	26.7	26.7	26.7	27.4	27.4	27.4	27.4	27.4	27.4
Irrigation Usage Qty (M m <sup>3</sup> )	0.0	0.0	0.5	2.3	3.6	3.8	7.2	17.9	28.9	29.7	36.8	37.7	37.7	37.7	37.7	37.7	38.8	38.8	38.8	38.8	38.8	38.8
Irrigation Tariff (JD/m <sup>3</sup> )	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178
Irrigation Revenues (M JD)	0.0	0.0	0.1	0.4	0.6	0.7	1.3	3.2	5.1	5.3	6.5	6.7	6.7	6.7	6.7	6.7	6.9	6.9	6.9	6.9	6.9	6.9
Total Revenues (M JD)	0.0	0.0	1.6	7.1	11.3	11.6	22.4	55.5	89.4	91.8	113.8	116.7	116.7	116.7	116.7	116.7	120.1	120.1	120.1	120.1	120.1	120.1
<b>2. Irrigation Water Development Projects</b>																						
Municipal Usage Qty (M m <sup>3</sup> )	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
Municipal Tariff (JD/m <sup>3</sup> )	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382	0.382
Municipal Revenues (M JD)	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
Industrial Usage Qty (M m <sup>3</sup> )	0.0	0.0	0.0	0.0	5.9	12.3	14.7	15.1	15.5	15.9	18.6	19.0	19.0	19.0	19.0	19.0	19.0	28.4	28.4	28.4	28.4	28.4
Industrial Tariff (JD/m <sup>3</sup> )	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120	1.120
Industrial Revenues (M JD)	0.0	0.0	0.0	0.0	7.7	16.0	19.0	19.6	20.1	20.7	24.1	24.8	24.8	24.8	24.8	24.8	24.8	37.0	37.0	37.0	37.0	37.0
Irrigation Usage Qty (M m <sup>3</sup> )	0.0	0.0	0.0	0.0	16.6	34.6	41.0	42.2	43.4	44.5	52.0	53.3	53.3	53.3	53.3	53.3	53.3	79.6	79.6	79.6	79.6	79.6
Irrigation Tariff (JD/m <sup>3</sup> )	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.178
Irrigation Revenues (M JD)	0.0	0.0	0.0	0.0	2.2	4.5	5.3	5.5	5.6	5.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	10.4	10.4	10.4	10.4	10.4
Total Revenues (M JD)	0.0	0.0	0.0	0.0	10.0	20.7	24.6	25.3	26.0	26.7	31.2	31.9	31.9	31.9	31.9	31.9	31.9	47.7	47.7	47.7	47.7	47.7
Grand Total Revenues (M JD)	0.0	0.0	1.6	7.1	21.3	32.3	47.0	80.8	115.4	118.5	145.0	148.6	148.6	148.6	148.6	148.6	152.0	167.8	167.8	167.8	167.8	167.8

Table 9.4.2-3 Financial Plan (Water Development) - O &amp; M Cost

(Unit JD million)																								
Item	O & M Cost	Total Cost	Completed	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
A. Municipal Water Development Projects																								
01-WT Dam Amman Water Conveyer	2%	437.5									21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
04-WT Desalination Conveyer to Urban Jordan (S&H MCM)	10%	100.0											10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
05-WT Al-Wakek Dam Water Supply Project / Intad	3%	27.0												0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
06-WT Hulien and Rafnan Desalination Plant		56.2							5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
07-WT Dier Alla - Za Amman II	12%	65.0					7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
10-WT Tabaqat Fahl - Intad	3%	18.0			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
11-WT Desalination at Aqaba		82.1							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	4.6	4.6	4.6	4.6	4.6	4.6
12-WT Deep Groundwater Investigations	2%	13.0									0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
13-WT Lagoon Wala	3%	10.0			0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14-WT Charafat Water Supply Project	3%	10.0			0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
15-WT Dead Sea Water Treatment Plant	3%	10.0					0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
16-WT Wadi Musa Water Supply	3%	9.0		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
17-WT Community Infrastructure Project	3%	8.0				0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18-WT Dam Amman Water Conveyer Branch to Ma'an/Madaba		8.8												1.7	1.9	2.0	2.1	2.3	2.3	2.4	2.5	2.6	2.7	3.9
21-WT Wajida Dam	0.3%	151.0								0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
22-WT Wala Dam	1%	22.0					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Sub-Total		1,027.6	0.0	0.0	0.3	1.4	9.7	10.0	16.5	16.9	39.1	39.1	49.1	51.6	51.7	51.9	52.0	52.2	55.3	55.4	55.5	55.6	55.7	56.8
B. Irrigation Water Development Projects																								
23-WT Mujib Water Conveyer and Southern Ghazal Infrastructure	1%	67.2							0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
24-WT Mujib Dam	1%	47.0				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
25-WT Tassar Dam	1%	21.7					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27-WT Shal Dami (On Hamad, Karak, Madfah)	1%	13.0											0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28-WT Wadi Araba Development Project	2%	12.0						0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29-WT Feidan Dam	1%	8.4						0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
33-Storage on Jordan River and Side Wadis	1%	70.0																		0.7	0.7	0.7	0.7	0.7
34-Water Harvesting, Baka Region	2%	20.3																		0.4	0.4	0.4	0.4	0.4
35-WT Wadi Zarga Main, Zarga Springs Project	1%	15.0					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Sub-Total		274.6	0.0	0.0	0.0	0.0	0.3	0.8	1.8	1.8	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1
Water Development Projects Total (A + B)																								
		1,302.2	0.0	0.0	0.3	1.4	10.1	10.8	18.3	18.8	40.9	40.9	51.0	53.5	53.7	53.9	54.0	54.1	57.2	58.4	58.5	58.6	58.7	59.9

Table 9.4.2-4 Financial Plan (Water Development) - Depreciation

Annual Depreciation Rate = 7%

(Unit: JD million)																						
Item	Total Cost	Completed	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>A. Municipal Water Development Projects</b>																						
01-WT Dst Amman Water Conveyor	437.5																					
04-WT Damsation Conveyor to Urban Jordan (30*10 MCM)	100.0																					
05-WT Al-Wildah Dam Water Supply Project / Irbit	27.0																					
06-WT Hoban and Kafraia Desalination Plant	26.2																					
07-WT Dst Aila - Zst Amman II	65.0																					
10-WT Tabaqat Fald - Irbit	18.0																					
11-WT Desalination at Aqaba	52.1																					
12-WT Deep Groundwater Investigations	13.0																					
13-WT Lajoun Wells	10.0																					
14-WT Caracior Water Supply Project	10.0																					
15-WT Dead Sea Water Treatment Plant	10.0																					
16-WT Wadi Moana Water Supply	9.0																					
17-WT Community Infrastructure Project	8.0																					
18-WT Dst Amman Water Conveyor Branch to Mafan/Mafaka	8.8																					
21-WT Wadi Dura	151.0																					
22-WT Wadi Dura	22.0																					
Sub-Total	1,027.6	0.0	0.0	0.3	1.4	4.3	4.6	7.1	11.6	25.1	25.1	26.1	29.2	29.2	29.2	29.2	29.2	30.8	30.8	30.8	30.8	30.8
<b>B. Irrigation Water Development Projects</b>																						
23-WT Mujib Weir Conveyor and Southern Ghaz Infrastructure	67.2																					
24-WT Mujib Dam	47.0																					
26-WT Tanzer Dam	21.7																					
27-WT Small Dams (Dst Harard, Karak, Madaden)	13.0																					
28-WT Wadi Araba Development Project	12.0																					
29-WT Feekan Dam	8.4																					
33-Storage on Jordan River and Side Wadis	70.0																					
34-Water Harvesting, Badia Region	20.3																					
35-WT Wadi Zayun Maia, Zaka Springs Project	15.0																					
Sub-Total	274.6	0.0	0.0	0.0	0.0	1.4	2.5	5.1	5.1	5.1	5.1	5.5	5.5	5.5	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2
Water Development Projects Total (A + B)	1,302.2	0.0	0.0	0.3	1.4	5.7	7.1	12.2	16.7	30.2	30.2	31.6	34.7	34.7	34.7	34.7	34.7	39.1	39.1	39.1	39.1	39.1



Table 9.4.2-5 Financial Plan (Water Development) - Capital Works

(Unit: JD million)																							
Item	Total Cost	Completed	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
A. Municipal Water Development Projects																							
01-WT. Das Amman Water Converter	437.5			20.0	65.0	90.0	90.0	90.0	82.5														
04-WT. Desalination Converter to Urban Jordan (50+10 M3CD)	100.0								20.0	40.0	40.0												
05-WT. Al-Wahda Dam Water Supply Project (Jrbat)	27.0									5.0	10.0	12.0											
06-WT. Habis and Kafra Desalination Plant	56.2				18.7	18.7	18.7																
07-WT. Dier Alla - Zai Amman II	65.0		25.0	35.0	5.0																		
10-WT. Tabaqat Fakh - Meil	18.0	11.5	3.5	3.0																			
11-WT. Desalination at Asfha	82.1			6.8	6.8	6.8	6.8							13.7	13.7	13.7	13.7						
12-WT. Deep Groundwater Investigations	13.0		1.0	2.0	2.0	2.0	2.0	2.0	2.0														
13-WT. Lagoon Wells	10.0		4.0	6.0																			
14-WT. Casadoor Water Supply Project	10.0		4.0	6.0																			
15-WT. Dead Sea Water Treatment Plant	10.0			2.0	4.0	4.0																	
16-WT. Wadi Mousa Water Supply	9.0	4.5	4.5																				
17-WT. Community Infrastructure Project	8.0	2.0	2.0	2.0	2.0																		
18-WT. Das Amman Water Converter Branch to Mafsa/Mafsha	8.8											8.8											
21-WT. Wabda Dam	151.0		15.0	25.0	35.0	35.0	33.0	8.0															
22-WT. Wala Dam	22.0	5.0	5.0	5.0	7.0																		
Sub-Total	1,027.6	23.0	64.0	112.8	145.5	156.5	150.5	100.0	104.5	45.0	50.0	20.8	0.0	13.7	13.7	13.7	13.7	0.0	0.0	0.0	0.0	0.0	0.0
B. Irrigation Water Development Projects																							
23-WT. Mujib Weir Converter and Southern Ghara Infrastructure	67.2			15.0	25.0	18.0	9.2																
24-WT. Mujib Dam	47.0	10.0	15.0	15.0	7.0																		
26-WT. Tuzur Dam	21.7			7.0	7.0	7.7																	
27-WT. Small Dams (Bin Hamad, Karak, Madain)	13.0					2.0	2.0	2.6	2.6	2.0	2.0												
28-WT. Wadi Araba Development Project	12.0				4.0	4.0	4.0																
29-WT. Feidia Dam	3.4				2.1	3.3	2.5																
31-Storage on Jordan River and Side Wadis	70.0															17.5	20.0	24.5					
34-Water Harvesting, Badia Region	20.3							1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8					
35-WT. Wadi Zarga Main, Zarga Springs Project	15.0			3.0	9.0	3.0																	
Sub-Total	274.6	10.0	15.0	40.0	54.1	38.5	17.7	4.4	4.4	3.8	3.8	1.8	1.8	1.8	1.8	19.3	29.8	26.3	0.0	0.0	0.0	0.0	0.0
Water Development Projects Total (A + B)																							
	1,302.2	33.0	79.0	152.8	199.6	195.0	168.2	104.4	108.9	48.8	53.8	22.7	1.8	15.5	15.5	33.0	43.5	26.3	0.0	0.0	0.0	0.0	0.0

Table 9.4.2-6 Financial Plan (Water Development) - Payment of Interest - Case I

(Unit: JD millions)																							
Item	Total Cost	Completed	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Balance of Long-Term Loans (Loan=100%, Repayment Period=25 Years, Grace Period=3 Years, Annual Interest Rate=6.25%)																							
A. Municipal Water Development Projects																							
01-WT Dst Amman Water Conveyer	437.5			20.0	85.0	175.0	265.0	335.1	397.7	377.8	358.0	338.1	318.2	298.3	278.4	258.5	238.6	218.8	198.9	179.0	159.1	139.2	119.3
04-WT Desalination Conveyer to Urban Jordan (59+18 MCM)	100.0								20.0	40.0	100.0	100.0	95.5	90.9	86.4	81.8	77.3	72.7	68.2	63.6	59.1	54.5	50.0
05-WT Al-Washab Dam Water Supply Project / Irrig.	27.0								5.0	15.0	27.0	27.0	25.8	24.5	23.3	22.1	20.9	19.6	18.4	17.2	16.0	14.7	
06-WT Hebus and Kafra Desalination Plant	56.2				18.7	37.5	56.2	56.2	53.6	51.1	48.5	46.0	43.4	40.9	38.3	35.8	33.2	30.7	28.1	25.5	23.0	20.4	17.9
07-WT Dst Aila - Zst Amman II	65.0		25.0	60.0	65.0	65.0	62.0	59.1	56.1	53.2	50.2	47.3	44.3	41.4	38.4	35.5	32.5	29.5	26.6	23.6	20.7	17.7	14.8
10-WT Tabasat Pahl - Irrig.	18.0	11.5	15.0	18.0	18.0	17.2	16.4	15.5	14.7	13.9	13.1	12.3	11.5	10.6	9.8	9.0	8.2	7.4	6.5	5.7	4.9	4.1	3.3
11-WT Desalination at Ajlun	32.1			6.2	15.6	28.4	27.2	26.0	24.7	23.5	22.3	21.0	19.8	18.5	17.2	16.0	14.7	13.5	12.2	11.0	9.8	8.5	7.3
12-WT Deep Groundwater Investigations	13.0		1.0	3.0	5.0	7.0	8.4	9.8	11.2	10.0	10.0	9.5	8.9	8.3	7.7	7.1	6.5	5.9	5.3	4.7	4.1	3.5	3.0
13-WT Lagoon Wate	10.0		4.0	10.0	10.0	10.0	9.5	9.1	8.6	8.2	7.7	7.3	6.8	6.4	5.9	5.5	5.0	4.5	4.1	3.6	3.2	2.7	2.3
14-WT Qadisha Water Supply Project	10.0		4.0	10.0	10.0	10.0	9.5	9.1	8.6	8.2	7.7	7.3	6.8	6.4	5.9	5.5	5.0	4.5	4.1	3.6	3.2	2.7	2.3
15-WT Dead Sea Water Treatment Plant	10.0			2.0	6.0	10.0	10.0	9.5	9.1	8.6	8.2	7.7	7.3	6.8	6.4	5.9	5.5	5.0	4.5	4.1	3.6	3.2	2.7
16-WT Wadi Musara Water Supply	9.0	4.5	9.0	9.0	9.0	8.6	8.2	7.8	7.4	7.0	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6
17-WT Community Infrastructure Project	8.0	2.0	4.0	6.0	8.0	7.6	7.3	6.9	6.5	6.2	5.8	5.5	5.1	4.7	4.4	4.0	3.6	3.3	2.9	2.5	2.2	1.8	1.5
18-WT Dst Amman Water Conveyer Branch to Ma'an/Madaba	8.0											3.0	8.0	8.0	8.0	8.0	8.0	7.6	7.2	6.8	6.4	6.0	5.6
19-WT Wadi Dana	151.0		15.0	40.0	75.0	110.0	136.1	137.3	138.4	123.5	116.7	109.8	103.0	96.1	89.2	82.4	75.5	68.6	61.8	54.9	48.0	41.1	34.3
22-WT Wadi Dana	22.0	5.0	10.0	15.0	22.0	21.0	20.0	19.0	18.0	17.0	16.0	15.0	14.0	13.0	12.0	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0
Sub-Total	1,027.6	23.0	87.0	199.0	345.3	499.1	635.9	706.4	766.9	773.8	785.1	798.6	812.0	826.4	840.9	855.3	870.7	886.1	901.5	916.9	932.3	947.7	963.1
B. Irrigation Water Development Projects																							
23-WT Mujib Weir Conveyer and Southern Ghazir Infrastructure	47.2			15.0	35.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
24-WT Mujib Dam	47.0	10.0	25.0	40.0	47.0	44.9	42.7	40.6	38.5	36.3	34.2	32.0	29.9	27.8	25.6	23.5	21.4	19.2	17.1	15.0	12.8	10.7	8.5
26-WT Tassir Dam	21.7			7.0	34.0	21.7	21.7	20.7	19.7	18.7	17.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8	9.8	8.9	7.9	6.9	5.9
27-WT Small Dams (Jst Ma'an, Karak, Madaba)	11.0					2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0	36.0
28-WT Wadi Arakha Development Project	12.0				4.0	8.0	12.0	12.0	11.5	10.9	10.4	9.8	9.3	8.7	8.2	7.6	7.1	6.5	6.0	5.5	4.9	4.4	3.8
29-WT Pindas Dam	8.4				2.1	5.0	8.4	8.4	8.0	7.6	7.3	6.9	6.5	6.1	5.7	5.3	5.0	4.6	4.2	3.8	3.4	3.1	2.7
31-Storage in Jordan River and Side Wadis	78.0															17.5	45.5	70.0	70.0	66.8	63.6	60.5	57.3
34-Water Harvesting, Baka Region	28.3							1.8	3.7	5.5	7.4	9.3	11.2	13.1	15.0	16.9	18.8	20.7	22.6	24.5	26.4	28.3	30.2
35-WT Wadi Zarqa Ma'an, Zarqa Springs Project	15.0			3.0	12.0	15.0	14.3	13.6	12.9	12.3	11.6	10.9	10.2	9.5	8.9	8.2	7.5	6.8	6.1	5.5	4.8	4.1	3.5
Sub-Total	274.6	10.0	25.0	65.0	94.1	112.1	118.8	119.5	119.2	117.7	116.2	114.8	113.4	112.0	110.6	109.2	107.8	106.4	105.0	103.6	102.2	100.8	99.4
C. Summary and Totals																							
Water Development Projects Total (A + B)																							
	1,302.2	33.0	112.0	264.0	439.4	611.7	754.7	819.9	886.1	891.5	902.0	918.4	934.4	949.4	964.4	979.4	994.4	1009.4	1024.4	1039.4	1054.4	1069.4	1084.4
Payment of Interest																							
		2.1	7.3	17.2	28.6	39.8	49.1	57.3	64.6	71.9	79.2	86.5	93.8	101.1	108.4	115.7	123.0	130.3	137.6	144.9	152.2	159.5	166.8
Local Cost=50%, Foreign Cost=50%																							
Water Development Projects Total																							
		23.1	78.4	185.4	387.6	428.2	528.3	571.9	628.2	634.1	631.4	616.3	593.4	571.6	550.8	530.0	509.2	488.4	467.6	446.8	426.0	405.2	384.4
Payment of Interest																							
		1.5	5.1	12.0	20.0	27.8	34.3	40.5	46.6	52.8	58.9	65.1	71.3	77.5	83.7	89.9	96.1	102.3	108.5	114.7	120.9	127.1	133.3