

## **Chapter : 2301 Ministry of Water and Irrigation**

**Creation:** The Ministry of Water and Irrigation was established in early 1988 under Water Authority law No. (18) for the year 1988, in its capacity as the main reference in all matters related to the water sector to preserve the water rights of the Kingdom through coordinating with Jordan Valley Authority and Water Authority. It exercises its tasks, activities and powers under Bylaw No. (54) for the year 1992

**Vision :** Towards sustainable water resources

**Mission:** Efficient and distinguished comprehensive management of water resources through enhancing partnerships and strengthening the relationship with the service recipients

**Legal Framework :** Bylaw No. (54) for the year 1992

### **Tasks of the Ministry / Department:**

- Assume full responsibility for water, sanitary drainage, projects related thereto, Jordan valley development and taking action to achieve that.
- Upgrade, develop, organize and control the level of water sector including the quality level of water services.
- Develop water sector policies.
- Strategic planning of the water sector and setting up national plans and strategies for water and the required executive programs
- Develop the international agreements relevant to the water sector and follow up their implementation.
- Manage and organize water resources and set up the necessary bases to do so, monitor underground wells according to the provisions of legislation in effect to include setting up monitoring mechanisms, building a database and issuing reports on the underground wells.
- Manage financing and water economies.
- Prepare water studies and scientific researches to develop the water sector performance level.

### **Ministry/Department Contribution to the Achievement of the National Objectives:**

- Improve the infrastructure and its revenues (To have facilities and infrastructures in Jordan with high efficiency and return)
- Enhance government administration to be financially stable, transparent and accountable.
- Jordanians to have an appropriate health level at the various aspects
- Develop the Jordanian economy to prosperous.
- Preserve the environment.
- Preserve Jordan and promote it as a safe and suitable place for living, working and raising the future generations.
- Enable the national economy to accommodate the growing annual flow of Jordanian labor.

### **Major Issues and Challenges which face the Ministry / Department:**

- Climate changes represented by drought and decreased rainfall average
- Scarcity and limitedness of water resources
- Depletion of available water resources in the various areas of the Kingdom
- Lack of financing (internal and external)

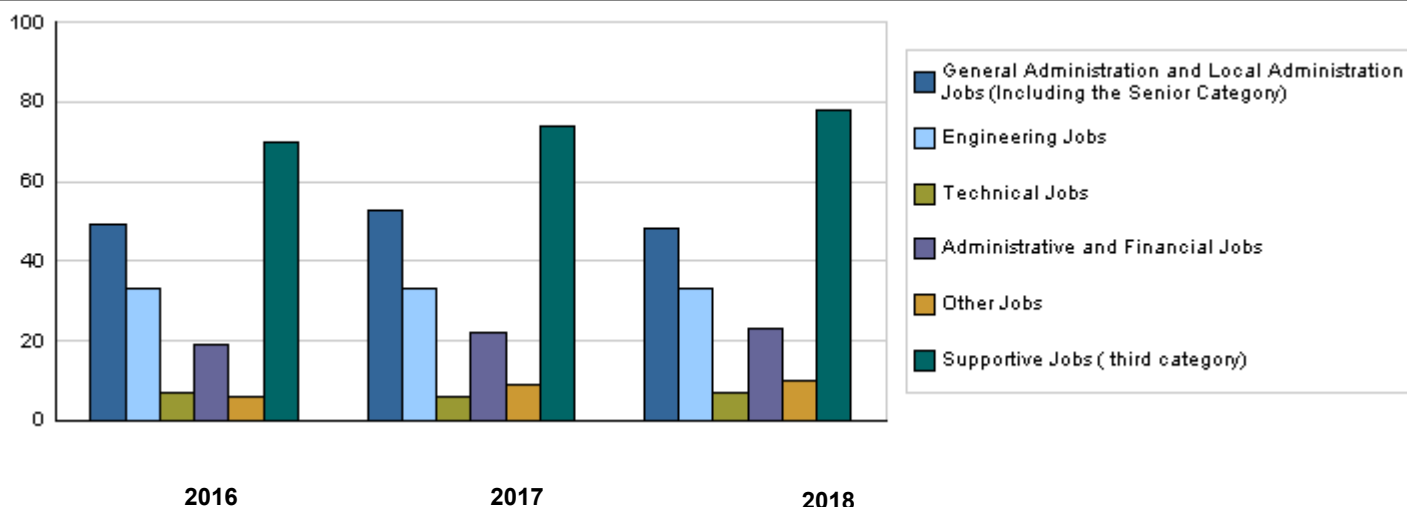
## CHAPTER : 2301 Ministry of Water and Irrigation

### Strategic Objectives and Performance Indicators of the Ministry / Department

Strategic Objective	Performance Indicator	Base year	Value	Actual Value	Target Value	Preliminary Self Evaluation	Target Value		
				2016	2017	2017	2018	2019	2020
1 - To develop the policies, strategies and legislations related to water sector	1 Percentage of achievement of policies and strategies objectives	2015	%1	%7	%19	%10	%33	%43	%50
2 - To preserve and develop the sustainability of water resources	1 Percentage of withdrawn water of the total permitted quantity (safe limit)	2015	%160	%160	%155	%170	%165	%160	%160
	2 Percentage of protected water sources	2015	%35	%35	%38	%36	%40	%42	%43
3 - To attract the necessary funding for water sector projects	1 Percentage of financing that was provided of the total annual targeted funding	2015	%95	%130	%100	%85	%100	%100	%100

### Number of Staff of the Ministry / Department

Group	Job	2016			2017			Preliminary 2018		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
General Administration and Local Administration Jobs (Including the Senior Category)	Supervisory and leadership jobs	33	16	49	35	18	53	32	16	48
Engineering Jobs	Other engineering jobs	5	0	5	5	0	5	5	0	5
	Technicians	10	6	16	9	6	15	8	8	16
	Engineers	4	8	12	3	10	13	3	9	12
Technical Jobs	Programmers and Technicians	4	3	7	3	3	6	4	3	7
Administrative and Financial Jobs	Financial and administrative jobs	9	10	19	9	13	22	8	15	23
Other Jobs	Specialist of strategic planning	1	0	1	1	0	1	1	0	1
	Researchers and Analysts	1	0	1	1	0	1	2	0	2
	Specialist of economic studies	0	0	0	1	0	1	1	0	1
	Journalist	0	3	3	0	4	4	0	4	4
	Legal	1	0	1	1	1	2	1	1	2
Supportive Jobs ( third category)	Supportive service jobs	66	4	70	69	5	74	73	5	78
<b>Total</b>		<b>134</b>	<b>50</b>	<b>184</b>	<b>137</b>	<b>60</b>	<b>197</b>	<b>138</b>	<b>61</b>	<b>199</b>
<b>Total Cost of Salaries</b>		<b>1060825</b>	<b>392360</b>	<b>1453185</b>	<b>1050700</b>	<b>450300</b>	<b>1501000</b>	<b>1132290</b>	<b>508710</b>	<b>1641000</b>



**Key Information of the Ministry / Department**

<b>No.</b>	<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
1	Number of observed wells	216	222	226	248	250
2	Number of rain water stations	185	186	230	286	286
3	Number of automatic and normal evaporation stations	25	25	25	71	71
4	Number of flood water stations	27	30	30	47	47
5	Number of information and awareness campaigns	18	20	20	22	24

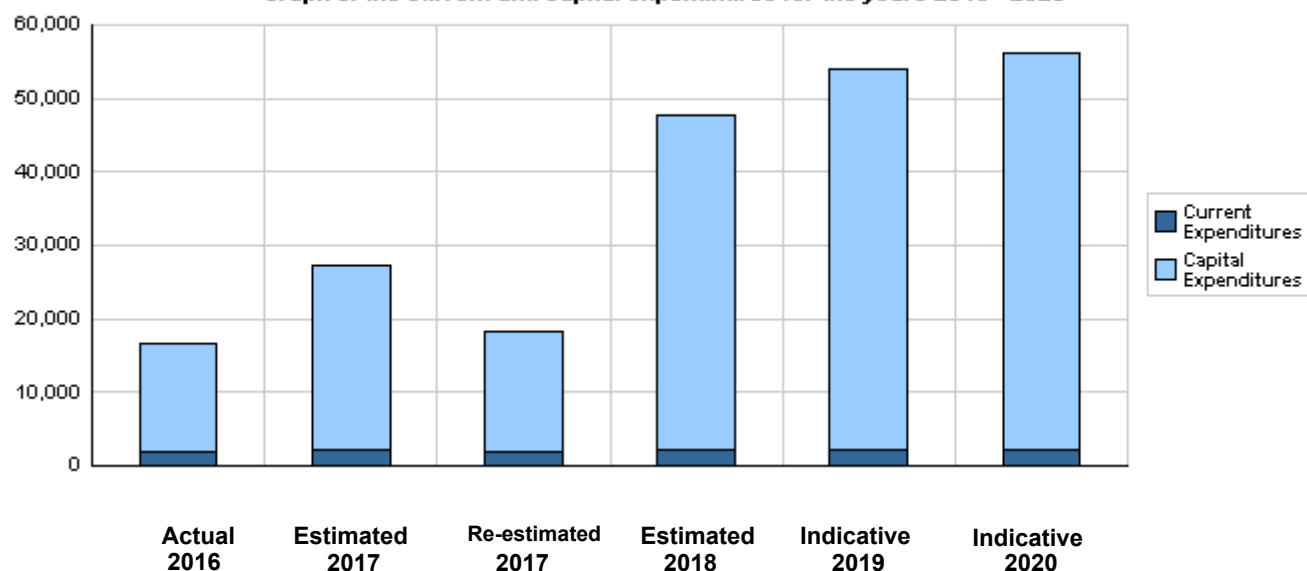
**Overall Summary of Expenditures for Chapter 2301- Ministry of Water and Irrigation  
for the Years 2016 - 2020**

( In JDs )

Description		Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative	
						2019	2020
<b>Group</b>	<b>Current Expenditures</b>						
2111	Salaries, Wages and Allowances	1,363,963	1,529,000	1,401,000	1,510,000	1,539,000	1,568,000
2121	Social Security Contributions	89,222	100,000	100,000	131,000	135,000	140,000
2211	Use of Goods and Services	439,614	451,000	390,000	400,000	390,000	380,000
2821	Other Current Expenditures	9,678	10,000	10,000	10,000	10,000	10,000
<b>Total current expenditures</b>		<b>1,902,477</b>	<b>2,090,000</b>	<b>1,901,000</b>	<b>2,051,000</b>	<b>2,074,000</b>	<b>2,098,000</b>
<b>Capital Expenditures</b>							
2211	Use of Goods and Services	4,493,928	4,543,000	3,539,000	2,525,000	3,025,000	3,025,000
2632	Support to General Government Units/ Capital	0	0	0	32,793,000	31,133,000	36,105,000
2822	Other Capital Expenditures	1,239,149	1,908,500	1,045,000	890,000	1,390,000	1,390,000
3111	Buildings and Constructions	9,065,325	18,585,441	11,850,000	9,430,000	16,430,000	13,430,000
3112	Devices, Machinery and Equipment	46,148	60,000	54,000	5,000	5,000	5,000
<b>Total capital expenditures</b>		<b>14,844,550</b>	<b>25,096,941</b>	<b>16,488,000</b>	<b>45,643,000</b>	<b>51,983,000</b>	<b>53,955,000</b>
<b>Treasury</b>		<b>14,844,550</b>	<b>25,096,941</b>	<b>16,488,000</b>	<b>45,643,000</b>	<b>51,983,000</b>	<b>53,955,000</b>
<b>Total current and capital expenditures</b>		<b>16,747,027</b>	<b>27,186,941</b>	<b>18,389,000</b>	<b>47,694,000</b>	<b>54,057,000</b>	<b>56,053,000</b>

( Thousands of JDs )

**Graph of the current and capital expenditures for the years 2016 - 2020**

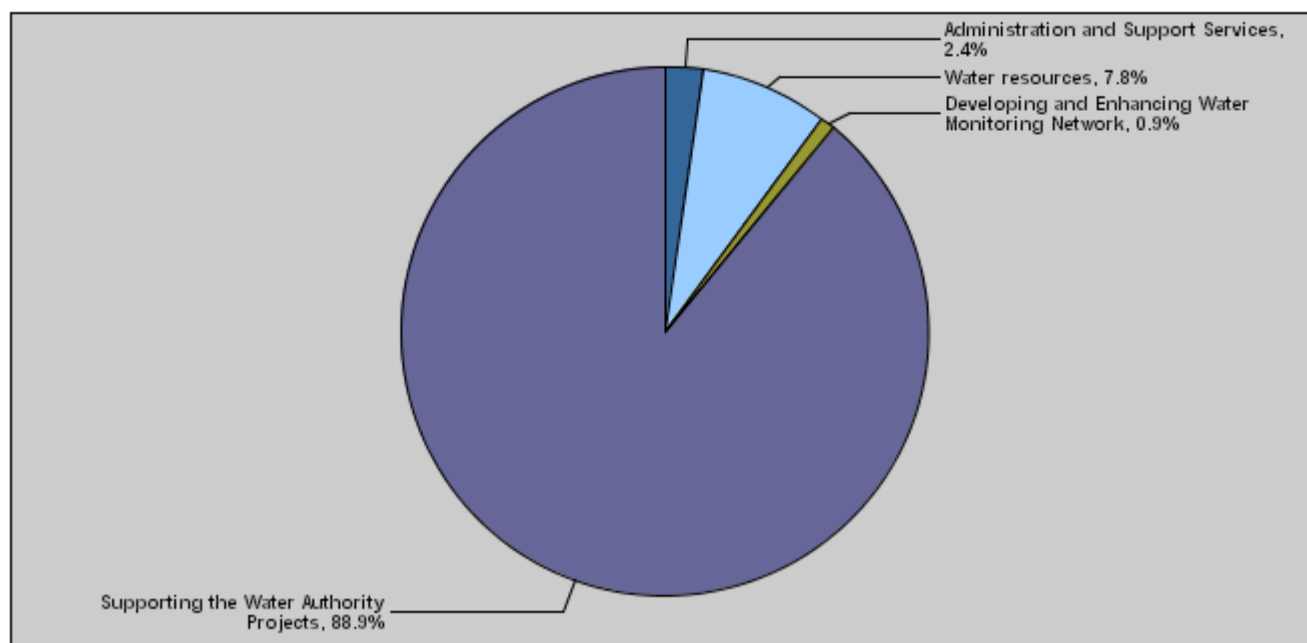


**Budget of Chapter 2301 - Ministry of Water and Irrigation  
For the Year 2018 Distributed According to Program**

( In JDs )

Prog.	Description	Current Expenditures	Capital Expenditures	Total Expenditures
4101	Administration and Support Services	1,075,000	50,000	1,125,000
4105	Water resources	629,000	3,100,000	3,729,000
4110	Developing and Enhancing Water Monitoring Network	347,000	100,000	447,000
4115	Supporting the Water Authority Projects	0	42,393,000	42,393,000
	<b>Total</b>	<b>2,051,000</b>	<b>45,643,000</b>	<b>47,694,000</b>

**Total Expenditures for the Year 2018 Distributed According to Programs**



**Estimated Allocations for Females distributed according to Programs for the Years 2016 - 2020**

Program	2016	2017	2018	2019	2020	
4101	Administration and Support Services	432887	426990	462250	466120	468270
4105	Water resources	114672	117700	125800	127200	129400
4110	Developing and Enhancing Water Monitoring Network	80602	79875	86750	88500	90500
	<b>Total</b>	<b>628161</b>	<b>624565</b>	<b>674800</b>	<b>681820</b>	<b>688170</b>

**Budget Chapter 2301 - Ministry of Water and Irrigation Distributed According to the Program**

**4101 Administration and Support Services Program**

**Objective of the program :**

The program aims to improve and develop human resources capacities of all their various job levels for the purposes of upgrading the efficiency of performance, increasing effectiveness and productivity, ensuring speed in achievement and work development to ensure the improvement of the administration of the programs and projects executed by the Ministry, as well as disseminating the awareness and knowledge of the water sector.

**The strategic objective related to the program :**

Develop the policies, strategies and legislations related to water sector.

**Directorates associated with the program :**

- Administrative Affairs Directorate
- Financial Affairs Directorate
- Institutional Development and Excellence Directorate,-
- Communications and Information Technology Unit
- Awareness and Media Unit
- Legal Affairs Unit
- Internal Control Unit

**Services provided by the program :**

- Secure the needs and supplies of human resources working in the Ministry to develop work and upgrade efficiency, effectiveness and speed.
- Upgrade the efficiency of human resources through training.
- Spread awareness and knowledge about water sector through preparing and designing awareness, education and media programs aiming at rationalizing all water uses to realize optimal usage within the framework of social and economic growth and preserve the environment.

**Staff working in the program :**

The program is implemented through a functional staff in 2017 estimated with ( 74 ) staff, including ( 42 ) males and ( 32 ) females .

**Performance Measurement Indicators for Program**

Performance Measurement Indicator	Base Year	Value	Actual value	Target Value	Preliminary Self Evaluation	Target Value		
			2016	2017		2017	2018	2019
			1	2015	18	20	21	18
2	2015	43	45	48	39	48	51	53
3	2015	%1	%7	%19	%10	%33	%43	%50

**Appropriations Of Administration and Support Services Program as Per Activities and Projects. ( In JDs )**

Activities and Projects	Actual	Estimated	Re-estimated	Estimated	Indicative	
	2016	2017	2017	2018	2019	2020
<b>Current Expenditures</b>	<b>1,006,713</b>	<b>1,129,000</b>	<b>993,000</b>	<b>1,075,000</b>	<b>1,084,000</b>	<b>1,089,000</b>
601 Administrative and Support Services	1,006,713	1,129,000	993,000	1,075,000	1,084,000	1,089,000
<b>Capital Expenditures</b>	<b>46,308</b>	<b>140,000</b>	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>
001 Water Services Improvement Project	4,800	90,000	50,000	50,000	50,000	50,000
004 Solar Energy Use Project	41,508	50,000	50,000	0	0	0
<b>Program / Treasury</b>	<b>46,308</b>	<b>140,000</b>	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>
<b>Total Program</b>	<b>1,053,021</b>	<b>1,269,000</b>	<b>1,093,000</b>	<b>1,125,000</b>	<b>1,134,000</b>	<b>1,139,000</b>

**Budget Chapter 2301 - Ministry of Water and Irrigation Distributed According to the Program**

<b>4105</b>	<b>Water resources Program</b>
<b>Objective of the program :</b>	
The program aims to exploit the available water resources optimally and sustained through monitoring water sources and secure unconventional and new water sources through various studies.	
<b>The strategic objective related to the program :</b>	
Preserve and develop the sustainability of water resources.	
<b>Directorates associated with the program :</b>	
<ul style="list-style-type: none"> <li>- Water Sources Organization Unit</li> <li>- Underground Wells Control Unit</li> <li>- Water Sources Studying and Monitoring Directorate.</li> <li>- Geographic Information Systems and Mathematical Models Directorate</li> <li>- Environment and Climate Change Directorate</li> <li>- Policies and Strategic Planning Directorate</li> </ul>	
<b>Services provided by the program :</b>	
<ul style="list-style-type: none"> <li>- Develop and update a strategy for the water sector and set up plans and programs to secure water needs.</li> <li>- Conduct studies related to protecting and developing to control water resources.</li> <li>- Conduct various studies to explore the deep water layers to find water resources for drinking purposes.</li> <li>- Conduct water harvest and underground charging studies through carrying out soil excavations for the purpose of studying methods of maximizing the benefit from rain water and the possibility of its storage.</li> <li>- Contribute to implementing Disi Water Conveyance Project to Amman.</li> </ul>	
<b>Staff working in the program :</b>	
The program is implemented through a functional staff in 2017 estimated with ( 64 ) staff, including ( 51 ) males and ( 13 ) females .	

**Performance Measurement Indicators for Program**

	Performance Measurement Indicator	Base Year	Value	Actual value	Target Value	Preliminary Self Evaluation	Target Value		
				2016	2017	2017	2018	2019	2020
1	Percentage of protected water sources	2015	%35	%35	%38	%36	%40	%42	%43
2	Percentage of withdrawn water to the total permitted quantity (safe limit)	2015	%160	%160	%155	%170	%165	%160	%160

**Appropriations Of Water resources Program as Per Activities and Projects. ( In JDs )**

Activities and Projects	Actual	Estimated	Re-estimated	Estimated	Indicative	
	2016	2017	2017	2018	2019	2020
<b>Current Expenditures</b>	<b>573,358</b>	<b>616,000</b>	<b>588,500</b>	<b>629,000</b>	<b>636,000</b>	<b>647,000</b>
601 Water Resources	573,358	616,000	588,500	629,000	636,000	647,000
<b>Capital Expenditures</b>	<b>5,609,193</b>	<b>6,253,500</b>	<b>4,488,000</b>	<b>3,100,000</b>	<b>4,100,000</b>	<b>4,100,000</b>
003 Studying Water Resources (Various Studies)	273,898	1,482,000	800,000	500,000	1,000,000	1,000,000
004 Disi Water Conveyance	4,706,970	4,538,000	3,538,000	2,500,000	3,000,000	3,000,000
005 Exploring Deep Layers Studies	559,996	0	0	0	0	0
006 Water Harvest Study	344	0	0	0	0	0
008 Automation of water detection network	33,990	200,000	150,000	100,000	100,000	100,000
009 Information Technology Master Plan	33,995	0	0	0	0	0
014 Preparing the financial and legal agreement (EWGB)	0	33,500	0	0	0	0
<b>Program / Treasury</b>	<b>5,609,193</b>	<b>6,253,500</b>	<b>4,488,000</b>	<b>3,100,000</b>	<b>4,100,000</b>	<b>4,100,000</b>
<b>Total Program</b>	<b>6,182,551</b>	<b>6,869,500</b>	<b>5,076,500</b>	<b>3,729,000</b>	<b>4,736,000</b>	<b>4,747,000</b>

**Budget Chapter 2301 - Ministry of Water and Irrigation Distributed According to the Program**

**4110 Developing and Enhancing Water Monitoring Network Program**

**Objective of the program :**

The program aims to preserve the development, sustainability, effectiveness and readiness of water monitoring network.

**The strategic objective related to the program :**

Preserve and develop the sustainability of water resources.

**Directorates associated with the program :**

- Water Sources Studying and Monitoring Directorate.
- Underground Wells Control Unit
- Policies and Strategic Planning Directorate

**Services provided by the program :**

- Obtain accurate information for the purposes of groundwater budget calculations and control water movement in various water basins through maintaining and cleaning the water observation network.
- Obtain more accurate and comprehensive evaluation of water situation in groundwater layers in the various water basins for the purpose of use in planning and optimal exploitation of these basins through drilling new wells for observation network.
- Upgrade the efficiency of information abstracted from surface flow & measurement stations through rehabilitate & maintain them for the purposes of using in calculating surface water budget.
- Provide supportive devices, equipment and machines to develop and improve water observation network for the purpose of maintaining its sustainability and readiness and upgrading, developing & improving stations to obtain more accurate information.
- Supervise surface & underground water monitoring networks in the Kingdom & collect necessary data about water surface & water going down due to over pumping & features of water quality and quantity & monitoring climate element & raining water since falling till distributing between flow out, groundwater leakage and evaporation in addition to control springs discharge.

**Staff working in the program :**

The program is implemented through a functional staff in 2017 estimated with ( 59 ) staff, including ( 44 ) males and ( 15 ) females .

**Performance Measurement Indicators for Program**

Performance Measurement Indicator		Base Year	Value	Actual value	Target Value	Preliminary Self Evaluation	Target Value		
				2016	2017	2017	2018	2019	2020
1	Percentage of protected water sources	2015	%35	%35	%38	%36	%40	%42	%43
2	Number of automated water stations	2015	37	80	310	168	320	330	340

**Appropriations Of Developing and Enhancing Water Monitoring Network Program as Per Activities and Projects. ( In JDs )**

Activities and Projects		Actual	Estimated	Re-estimated	Estimated	Indicative	
		2016	2017	2017	2018	2019	2020
<b>Current Expenditures</b>		<b>322,406</b>	<b>345,000</b>	<b>319,500</b>	<b>347,000</b>	<b>354,000</b>	<b>362,000</b>
601	Improving water monitoring network	322,406	345,000	319,500	347,000	354,000	362,000
<b>Capital Expenditures</b>		<b>76,734</b>	<b>140,000</b>	<b>110,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>
003	Drilling wells for monitoring underground basins	76,734	140,000	110,000	100,000	100,000	100,000
<b>Program / Treasury</b>		<b>76,734</b>	<b>140,000</b>	<b>110,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Program</b>		<b>399,140</b>	<b>485,000</b>	<b>429,500</b>	<b>447,000</b>	<b>454,000</b>	<b>462,000</b>



**4115 Supporting the Water Authority Projects Program**

**Objective of the program :**

The program aims to attract the financial support to finance developmental and high priority projects of the Water sector.

**The strategic objective related to the program :**

Attract the necessary funding for water sector projects.

**Directorates associated with the program :**

- Financial Affairs Directorate
- Finance and International Cooperation Directorate
- Economic Studies Directorate
- Investment Plan Directorate

**Services provided by the program :**

- Implement a package of developmental projects of the water sector in various areas of the Kingdom related to sanitary drainage and water networks.

**Staff working in the program :**

The program is implemented through the Financial Affairs staff in the Administration and Support Services Program.

**Performance Measurement Indicators for Program**

Performance Measurement Indicator	Base Year	Value	Actual value	Target Value	Preliminary Self Evaluation	Target Value		
			2016	2017		2017	2018	2019
1 Percentage of financing that was provided of the total annual target funding	2015	%95	%130	%100	%85	%100	%100	%100

**Appropriations Of Supporting the Water Authority Projects Program as Per Activities and Projects. ( In JDs )**

Activities and Projects	Actual	Estimated	Re-estimated	Estimated	Indicative	
	2016	2017	2017	2018	2019	2020
<b>Current Expenditures</b>	0	0	0	0	0	0
<b>Capital Expenditures</b>	9,112,315	18,563,441	11,790,000	42,393,000	47,733,000	49,705,000
002 Water projects in poverty pockets including project of renovating water network in Souf Town	0	300,000	0	0	0	0
003 Water Authority projects/improving water networks in the governorates	702,283	2,000,000	1,000,000	0	0	0
011 Project of rehabilitating Amman, Balqa' and Ma'daba water networks for continuing water supply	102,285	0	0	0	0	0
012 Qualifying Ajloun water network project	312,659	0	0	0	0	0
013 Jerash Water Network Rehabilitation Project	1,147,771	0	0	0	0	0
014 Rehabilitating Networks in Irbid and Mafraq Governorates Project	436,888	1,135,000	550,000	0	0	0
016 Miscellaneous sanitary drainage and purification stations	553,016	0	0	0	0	0
017 Two sanitary drainage lifting stations in east and west Zarqa	3,095,649	565,000	565,000	0	0	0
018 Expanding Wadi Al-Seer sanitary drainage station/ Naour sanitary drainage	553,355	6,400,000	3,895,000	2,500,000	3,000,000	3,000,000
019 Implementing water transfer line from Al-Sultani Station to Al-Ghwair	1,408,662	150,000	150,000	0	0	0
020 Water transport from Al-Mujib Dam to Karak	799,747	1,520,000	205,000	0	0	0
021 Sanitary drainage for the villages of north and north east of Balqa' Governorate/ nuclear reactor cooling	0	1,172,500	1,172,500	500,000	2,000,000	2,000,000
023 Contribution to expanding Alkhirbat Alsamra Station to receive additional quantities/ nuclear reactor cooling	0	1,500,000	551,000	500,000	1,500,000	1,500,000
024 Sanitary drainage of Dhail/ Hallabat/ Khaldiyyeh/ nuclear reactor cooling	0	536,000	505,000	1,000,000	2,000,000	2,000,000
025 Al-Aqeb Al-Janoubi Water Development Project studies	0	59,000	0	100,000	100,000	100,000
027 Project of Al-Shediyyeh Al-Hasa	0	59,000	50,000	1,000,000	2,000,000	2,000,000
028 Establishing sanitary drainage networks and lines in Ma'daba governorate including Dhiban / Nuclear reactor cooling	0	1,577,941	1,557,500	1,000,000	1,500,000	1,500,000
029 Establishing sanitary drainage networks and lines in Al Balqa' governorate including Almgharib area / Nuclear reactor cooling	0	1,589,000	1,589,000	1,000,000	1,500,000	1,500,000

**Budget Chapter 2301 - Ministry of Water and Irrigation Distributed According to the Program**

4115 Supporting the Water Authority Projects Program		Appropriations Of Supporting the Water Authority Projects Program as Per Activities and Projects. ( In JDs )					
Activities and Projects		Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019 2020	
<b>Capital Expenditures</b>		<b>9,112,315</b>	<b>18,563,441</b>	<b>11,790,000</b>	<b>42,393,000</b>	<b>47,733,000</b>	<b>49,705,000</b>
030	Establishing the sanitary drainage lines for the tender of Shafa Alamriyah intersection and Salt ring tender	0	0	0	2,000,000	3,000,000	0
701	Qualifying and improving networks and water lines in Irbid governorate	0	0	0	2,600,000	3,600,000	4,900,000
702	Supply and extension of sewage lines in different locations in Qasabah, Bani Obaid and Ramtha / Irbid Governorate	0	0	0	600,000	750,000	1,000,000
703	Qualifying and improving networks and water lines in Mafraq governorate	0	0	0	3,362,000	1,508,000	1,835,000
704	Sanitary drainage network of Al-Mizah area and Prince Hamzah neighborhood / Mafraq Governorate	0	0	0	0	0	3,000,000
705	Qualifying and improving networks and water lines in Jerash governorate	0	0	0	3,050,000	2,100,000	900,000
706	Sewage network of Prince Hamza neighborhood in Jerash city / Jerash governorate	0	0	0	0	250,000	250,000
707	Qualifying and improving networks and water lines in Ajloun governorate	0	0	0	3,000,000	0	1,000,000
708	Qualifying and improving networks and lines of the sanitary drainage / Ajloun governorate	0	0	0	0	1,000,000	1,000,000
709	Qualifying and improving networks and water lines in the Capital governorate	0	0	0	1,500,000	1,500,000	1,500,000
710	Expansion of sanitary drainage networks in different areas of the Capital / the Capital governorate	0	0	0	3,500,000	4,000,000	2,500,000
711	Qualifying and improving networks and water lines in Balqa governorate	0	0	0	2,700,000	2,120,000	1,940,000
712	Removing health nuisances and Customer service/ Balqa governorate	0	0	0	50,000	50,000	50,000
713	Qualifying and improving networks and lines of the sanitary drainage / Balqa governorate	0	0	0	250,000	500,000	500,000
714	Establishing a concrete tank 1000 cubic meters Alkarama / Balqa governorate	0	0	0	120,000	80,000	60,000
715	Qualifying and improving networks and water lines in Zarqa governorate	0	0	0	3,650,000	0	0
716	Qualifying and improving networks and lines of the sanitary drainage in Zarqa governorate	0	0	0	1,350,000	0	0
717	Rehabilitating water pumping stations in Zarqa governorate	0	0	0	295,000	0	0
718	Qualifying and improving networks and water lines in Madaba governorate	0	0	0	826,000	1,425,000	1,250,000
719	Protecting the facilities (wells and purification station) / Madaba Dhiban / Madaba Governorate	0	0	0	270,000	300,000	200,000
720	Qualifying and improving networks and lines of the sanitary drainage in Madaba governorate	0	0	0	0	2,000,000	2,000,000
721	Qualifying and improving networks and water lines in Karak governorate	0	0	0	700,000	0	0
722	Qualifying and improving networks and lines of the sanitary drainage in Karak governorate	0	0	0	500,000	6,600,000	9,500,000
723	Qualifying and improving networks and water lines in Ma'an governorate	0	0	0	2,870,000	1,900,000	570,000
724	Constructing water tanks in Ma'an governorate	0	0	0	600,000	200,000	0
725	Drilling and equipping deep water wells in Ma'an governorate	0	0	0	0	500,000	450,000
726	Connecting the houses with the sewage network inside Ma'an city and Petra district (home links) / Ma'an governorate	0	0	0	0	500,000	1,000,000
727	Qualifying and improving networks and lines of the sanitary drainage in Tafileh governorate	0	0	0	1,000,000	250,000	700,000
<b>Program / Treasury</b>		<b>9,112,315</b>	<b>18,563,441</b>	<b>11,790,000</b>	<b>42,393,000</b>	<b>47,733,000</b>	<b>49,705,000</b>
<b>Total Program</b>		<b>9,112,315</b>	<b>18,563,441</b>	<b>11,790,000</b>	<b>42,393,000</b>	<b>47,733,000</b>	<b>49,705,000</b>

## Capital Expenditures Distributed According to Governorates

Chapter : 2301 Ministry of Water and Irrigation

(In JDs)

Governorate		Estimated 2018	Indicative 2019	Indicative 2020
21	Irbid Governorate	3,200,000	4,350,000	5,900,000
22	Mafraq Governorate	3,362,000	1,508,000	4,835,000
23	Jerash Governorate	3,050,000	2,350,000	1,150,000
24	Ajloun Governorate	3,000,000	1,000,000	2,000,000
31	The Capital Governorate	5,000,000	5,500,000	4,000,000
32	Balqa' Governorate	3,120,000	2,750,000	2,550,000
33	Zarqa Governorate	5,295,000	0	0
34	Ma'daba Governorate	1,096,000	3,725,000	3,450,000
41	Karak Governorate	1,200,000	6,600,000	9,500,000
42	Ma'an Governorate	3,470,000	3,100,000	2,020,000
43	Tafileh Governorate	1,000,000	250,000	700,000
44	Aqaba Governorate	0	0	0
<b>Total</b>		<b>32,793,000</b>	<b>31,133,000</b>	<b>36,105,000</b>

**Chapter : 2301 Ministry of Water and Irrigation**

**( In JDs )**

<b>Current Activities Appropriations According to Program</b>								
Prog.	Activites		Actual	Estimated	Re-estimated	Estimated	Indicative	Indicative
			2016	2017	2017	2018	2019	2020
4101	601	Administrative and Support Services	1006713	1129000	993000	1075000	1084000	1089000
		Total of Program	1006713	1129000	993000	1075000	1084000	1089000
4105	601	Water Resources	573358	616000	588500	629000	636000	647000
		Total of Program	573358	616000	588500	629000	636000	647000
4110	601	Improving water monitoring network	322406	345000	319500	347000	354000	362000
		Total of Program	322406	345000	319500	347000	354000	362000
		Total	1902477	2090000	1901000	2051000	2074000	2098000

<b>Capital Projects Appropriations According to Program</b>								
Prog.	Projects		Actual	Estimated	Re-estimated	Estimated	Indicative	Indicative
			2016	2017	2017	2018	2019	2020
4101	001	Water Services Improvement Project	4800	90000	50000	50000	50000	50000
	004	Solar Energy Use Project	41508	50000	50000	0	0	0
		Total of Program	46308	140000	100000	50000	50000	50000
4105	003	Studying Water Resources (Various Studies)	273898	1482000	800000	500000	1000000	1000000
	004	Disi Water Conveyance	4706970	4538000	3538000	2500000	3000000	3000000
	005	Exploring Deep Layers Studies	559996	0	0	0	0	0
	006	Water Harvest Study	344	0	0	0	0	0
	008	Automation of water detection network	33990	200000	150000	100000	100000	100000
	009	Information Technology Master Plan	33995	0	0	0	0	0
	014	Preparing the financial and legal agreement (EWGB)	0	33500	0	0	0	0
		Total of Program	5609193	6253500	4488000	3100000	4100000	4100000
4110	003	Drilling wells for monitoring underground basins	76734	140000	110000	100000	100000	100000
		Total of Program	76734	140000	110000	100000	100000	100000

( In JDs )

Capital Projects Appropriations According to Program								
Prog.	Projects		Actual	Estimated	Re-estimated	Estimated	Indicative	Indicative
			2016	2017	2017	2018	2019	2020
4115	002	Water projects in poverty pockets including renovating water network in Souf Town	0	300000	0	0	0	0
	003	Water Authority projects/improving water networks in the governorates	702283	2000000	1000000	0	0	0
	011	Project of re-habilitating Amman, Balqa' and Madaba water networks for continuing water supply	102285	0	0	0	0	0
	012	Qualifying Ajloun water network project	312659	0	0	0	0	0
	013	Jerash Water Network Rehabilitation Project	1147771	0	0	0	0	0
	014	Rehabilitating Networks in Irbid and Mafraq Governorates Project	436888	1135000	550000	0	0	0
	016	Miscellaneous sanitary drainage and purification stations	553016	0	0	0	0	0
	017	Two sanitary drainage lifting stations in east and west Zarqa	3095649	565000	565000	0	0	0
	018	Expanding Wadi Al-Seer sanitary drainage station/ Naour sanitary drainage	553355	6400000	3895000	2500000	3000000	3000000
	019	Implementing water transfer line from Al-Sultani Station to Al-Ghwair	1408662	150000	150000	0	0	0
	020	Water transport from Al-Mujib Dam to Karak	799747	1520000	205000	0	0	0
	021	Sanitary drainage for the villages of north and north east of Balqa Governorate/ nuclear reactor cooling	0	1172500	1172500	500000	2000000	2000000
	023	Contribution to expanding Kherbet Samra Station to receive additional quantities/ nuclear reactor cooling	0	1500000	551000	500000	1500000	1500000
	024	Sanitary drainage of Dhail/ Hallabat/ Khaldiyyeh/ nuclear reactor cooling	0	536000	505000	1000000	2000000	2000000
	025	Al-Aqeb Al-Janoubi Water Development Project studies	0	59000	0	100000	100000	100000
	027	Project of Al-Shediyyeh Al-Hasa	0	59000	50000	1000000	2000000	2000000
	028	Establishing sanitary drainage networks and lines in Madaba governorate including Dhiban / Nuclear reactor cooling	0	1577941	1557500	1000000	1500000	1500000
	029	Establishing sanitary drainage networks and lines in Al Balqa governorate including Almgharib area / Nuclear reactor cooling	0	1589000	1589000	1000000	1500000	1500000
	030	Establishing the sanitary drainage lines for the tender of Shafa Alamriyah intersection and Salt ring tender	0	0	0	2000000	3000000	0
	701	Qualifying and improving networks and water lines in Irbid governorate	0	0	0	2600000	3600000	4900000
	702	Supply and extension of sewage lines in different locations in Qasabah, Bani Obaid and Ramtha / Irbid Governorate	0	0	0	600000	750000	1000000
	703	Qualifying and improving networks and water lines in Mafraq governorate	0	0	0	3362000	1508000	1835000
	704	Sanitary drainage network of Al-Mizah area and Prince Hamzah neighborhood / Mafraq Governorate	0	0	0	0	0	3000000
	705	Qualifying and improving networks and water lines in Jerash governorate	0	0	0	3050000	2100000	900000
	706	Sewage network of Prince Hamza neighborhood in Jerash city / Jerash governorate	0	0	0	0	250000	250000
	707	Qualifying and improving networks and water lines in Ajloun governorate	0	0	0	3000000	0	1000000
708	Qualifying and improving networks and lines of the sanitary drainage / Ajloun governorate	0	0	0	0	1000000	1000000	
709	Qualifying and improving networks and water lines in the Capital governorate	0	0	0	1500000	1500000	1500000	
710	Expansion of sanitary drainage networks in different areas of the Capital / the Capital governorate	0	0	0	3500000	4000000	2500000	
711	Qualifying and improving networks and water lines in Balqa governorate	0	0	0	2700000	2120000	1940000	
712	Removing health nuisances and Customer service/ Balqa governorate	0	0	0	50000	50000	50000	
713	Qualifying and improving networks and lines of the sanitary drainage / Balqa governorate	0	0	0	250000	500000	500000	
714	Establishing a concrete tank 1000 cubic meters Alkarama / Balqa governorate	0	0	0	120000	80000	60000	
715	Qualifying and improving networks and water lines in Zarqa governorate	0	0	0	3650000	0	0	
716	Qualifying and improving networks and lines of the sanitary drainage in Zarqa governorate	0	0	0	1350000	0	0	

( In JDs )

Capital Projects Appropriations According to Program								
Prog.	Projects		Actual	Estimated	Re-estimated	Estimated	Indicative	Indicative
			2016	2017	2017	2018	2019	2020
	717	Rehabilitating water pumping stations in Zarqa governorate	0	0	0	295000	0	0
	718	Qualifying and improving networks and water lines in Madaba governorate	0	0	0	826000	1425000	1250000
	719	Protecting the facilities (wells and purification station) / Madaba Dhiban / Madaba Governorate	0	0	0	270000	300000	200000
	720	Qualifying and improving networks and lines of the sanitary drainage in Madaba governorate	0	0	0	0	2000000	2000000
	721	Qualifying and improving networks and water lines in Karak governorate	0	0	0	700000	0	0
	722	Qualifying and improving networks and lines of the sanitary drainage in Karak governorate	0	0	0	500000	6600000	9500000
	723	Qualifying and improving networks and water lines in Ma'an governorate	0	0	0	2870000	1900000	570000
	724	Constructing water tanks in Ma'an governorate	0	0	0	600000	200000	0
	725	Drilling and equipping deep water wells in Ma'an governorate	0	0	0	0	500000	450000
	726	Connecting the houses with the sewage network inside Ma'an city and Petra district (home links) / Ma'an governorate	0	0	0	0	500000	1000000
	727	Qualifying and improving networks and lines of the sanitary drainage in Tafileh governorate	0	0	0	1000000	250000	700000
		<b>Total of Program</b>	<b>9112315</b>	<b>18563441</b>	<b>11790000</b>	<b>42393000</b>	<b>47733000</b>	<b>49705000</b>
		<b>Total</b>	<b>14844550</b>	<b>25096941</b>	<b>16488000</b>	<b>45643000</b>	<b>51983000</b>	<b>53955000</b>

# Overall Summary of Current Expenditures for the Years 2016 - 2020

**Chapter: 2301 Ministry of Water and Irrigation**

( In JDs )

Group	Item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
<b>21</b>		<b>Compensations of Employees</b>						
<b>2111</b>		<b>Salaries, Wages and Allowances</b>						
	101	Classified Employees	118603	112000	86000	79000	82000	85000
	102	Unclassified Employees	255373	268000	253000	255000	260000	265000
	103	Comprehensive Contract Employees	81672	120000	120000	131000	134000	137000
	105	Personal Cost of Living Allowance	237210	257000	247000	284000	290000	297000
	106	Family Cost of Living Allowance	23693	30000	24000	28000	30000	31000
	110	Overtime Allowance	110643	130000	120000	110000	110000	110000
	111	Additional Allowance	373448	402000	373000	382000	386000	391000
	113	Transportation Allowance	27293	33000	29000	31000	32000	32000
	114	Transport Allowance	21730	29000	22000	26000	27000	29000
	115	Field Visit Allowance	1671	3000	3000	1000	1000	1000
	116	Employees' Bonuses	93283	75000	75000	90000	90000	90000
	120	Contract Employees	19344	70000	49000	93000	97000	100000
<b>Total</b>			<b>1363963</b>	<b>1529000</b>	<b>1401000</b>	<b>1510000</b>	<b>1539000</b>	<b>1568000</b>
<b>2121</b>		<b>Social Security Contributions</b>						
	301	Social Security	89222	100000	100000	131000	135000	140000
<b>Total</b>			<b>89222</b>	<b>100000</b>	<b>100000</b>	<b>131000</b>	<b>135000</b>	<b>140000</b>
<b>22</b>		<b>Use of Goods and Services</b>						
<b>2211</b>		<b>Use of Goods and Services</b>						
	201	Rents	15500	16000	16000	16000	16000	16000
	202	Telecommunications Services	4373	8000	4000	4000	4000	4000
	203	Water	3115	5000	3000	2000	2000	2000
	204	Electricity	89771	75000	65000	60000	50000	40000
	205	Fuels	18168	25000	15000	15000	15000	15000
	206	Maintenance of Machines, furniture and accessories	5949	9000	7000	7000	7000	7000
	207	Maintenance of vehicles, equipment and accessories	5395	15000	5000	5000	5000	5000
	208	Repair and maintenance of buildings and accessories	17192	16500	13000	20000	20000	20000
	209	Stationery, Publications and Office Supplies	5729	10000	5000	5000	5000	5000
	210	Substances and raw materials (medicines, clothes, food, films, etc..)	100	1000	1000	1000	1000	1000
	211	Cleaning services and supplies including cleaning contracts	24120	30000	24000	35000	35000	35000
	212	Insurance	7675	8000	8000	8000	8000	8000
	213	Official Travel Missions	23396	12500	6000	15000	15000	15000
	214	Goods and services expenses	219131	220000	218000	207000	207000	207000
<b>Total</b>			<b>439614</b>	<b>451000</b>	<b>390000</b>	<b>400000</b>	<b>390000</b>	<b>380000</b>
<b>28</b>		<b>Other Expenditures</b>						
<b>2821</b>		<b>Other Current Expenditures</b>						
	303	Scientific scholarships and training courses	3000	3000	3000	3000	3000	3000
	305	Non-Employees' Bonuses	6678	7000	7000	7000	7000	7000
<b>Total</b>			<b>9678</b>	<b>10000</b>	<b>10000</b>	<b>10000</b>	<b>10000</b>	<b>10000</b>
<b>Total of Chapter</b>			<b>1902477</b>	<b>2090000</b>	<b>1901000</b>	<b>2051000</b>	<b>2074000</b>	<b>2098000</b>

**Current Expenditures According to Program and Activities for the Years 2016 - 2020**

Chapter : 2301 - Ministry of Water and Irrigation

(In JDs)

Program : 4101 - Administration and Support Services								
Activity : 601 - Administrative and Support Services								
Group	Item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
<b>21</b>		<b>Compensations of Employees</b>						
<b>2111</b>		Salaries, Wages and Allowances						
	101	Classified Employees	47408	42000	31000	28000	29000	30000
	102	Unclassified Employees	119824	131000	116000	117000	120000	122000
	103	Comprehensive Contract Employees	74394	96000	96000	103000	105000	107000
	105	Personal Cost of Living Allowance	107166	112000	109000	125000	129000	132000
	106	Family Cost of Living Allowance	8261	11000	9000	11000	12000	12000
	110	Overtime Allowance	48516	58000	50000	45000	45000	45000
	111	Additional Allowance	167539	180000	169000	172000	174000	176000
	113	Transportation Allowance	27293	33000	29000	31000	32000	32000
	114	Transport Allowance	21730	29000	22000	26000	27000	29000
	116	Employees' Bonuses	93283	75000	75000	90000	90000	90000
	120	Contract Employees	19344	70000	49000	65000	67000	68000
		<b>Total</b>	<b>734758</b>	<b>837000</b>	<b>755000</b>	<b>813000</b>	<b>830000</b>	<b>843000</b>
<b>2121</b>		Social Security Contributions						
	301	Social Security	42667	46000	46000	68000	70000	72000
		<b>Total</b>	<b>42667</b>	<b>46000</b>	<b>46000</b>	<b>68000</b>	<b>70000</b>	<b>72000</b>
<b>22</b>		<b>Use of Goods and Services</b>						
<b>2211</b>		Use of Goods and Services						
	201	Rents	15500	16000	16000	16000	16000	16000
	202	Telecommunications Services	4373	8000	4000	4000	4000	4000
	203	Water	3115	5000	3000	2000	2000	2000
	204	Electricity	89771	75000	65000	60000	50000	40000
	205	Fuels	18168	25000	15000	15000	15000	15000
		001 Heating	5989	5000	5000	5000	5000	5000
		002 Saloon vehicles	7747	10000	5000	5000	5000	5000
		003 Transport vehicles and heavy equipment	4432	10000	5000	5000	5000	5000
	206	Maintenance of Machines, furniture and accessories	5949	9000	7000	7000	7000	7000
	207	Maintenance of vehicles, equipment and accessories	5395	15000	5000	5000	5000	5000
	208	Repair and maintenance of buildings and accessories	17192	16500	13000	20000	20000	20000
	209	Stationery, Publications and Office Supplies	5729	10000	5000	5000	5000	5000
	210	Substances and raw materials (medicines, clothes, food, films, etc..)	100	1000	1000	1000	1000	1000
	211	Cleaning services and supplies including cleaning contracts	24120	30000	24000	35000	35000	35000
	212	Insurance	7675	8000	8000	8000	8000	8000
	213	Official Travel Missions	5165	2500	1000	1000	1000	1000
	214	Goods and services expenses	17358	15000	15000	5000	5000	5000
		047 Awareness and advertisement campaigns	13779	15000	15000	5000	5000	5000
		999 n.e.c	3579	0	0	0	0	0
		<b>Total</b>	<b>219610</b>	<b>236000</b>	<b>182000</b>	<b>184000</b>	<b>174000</b>	<b>164000</b>
<b>28</b>		<b>Other Expenditures</b>						
<b>2821</b>		Other Current Expenditures						
	303	Scientific scholarships and training courses	3000	3000	3000	3000	3000	3000
	305	Non-Employees' Bonuses	6678	7000	7000	7000	7000	7000
		<b>Total</b>	<b>9678</b>	<b>10000</b>	<b>10000</b>	<b>10000</b>	<b>10000</b>	<b>10000</b>
		<b>Total of Activity</b>	<b>1006713</b>	<b>1129000</b>	<b>993000</b>	<b>1075000</b>	<b>1084000</b>	<b>1089000</b>
		<b>Total of Program</b>	<b>1006713</b>	<b>1129000</b>	<b>993000</b>	<b>1075000</b>	<b>1084000</b>	<b>1089000</b>



**Current Expenditures According to Program and Activities for the Years 2016 - 2020**

Chapter : 2301 - Ministry of Water and Irrigation

(In JDs)

Program : 4105 - Water resources								
Activity : 601 - Water Resources								
Group	Item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
<b>21</b>		<b>Compensations of Employees</b>						
<b>2111</b>		Salaries, Wages and Allowances						
	101	Classified Employees	36534	37000	30000	27000	28000	29000
	102	Unclassified Employees	59959	60000	60000	61000	62000	64000
	103	Comprehensive Contract Employees	7278	24000	24000	28000	29000	30000
	105	Personal Cost of Living Allowance	56869	61000	58000	69000	70000	72000
	106	Family Cost of Living Allowance	5272	8000	5000	6000	6000	6000
	110	Overtime Allowance	29406	37000	35000	30000	30000	30000
	111	Additional Allowance	142867	150000	142000	145000	146000	148000
	120	Contract Employees	0	0	0	16000	17000	18000
		<b>Total</b>	<b>338185</b>	<b>377000</b>	<b>354000</b>	<b>382000</b>	<b>388000</b>	<b>397000</b>
<b>2121</b>		Social Security Contributions						
	301	Social Security	24152	29000	29000	35000	36000	38000
		<b>Total</b>	<b>24152</b>	<b>29000</b>	<b>29000</b>	<b>35000</b>	<b>36000</b>	<b>38000</b>
<b>22</b>		<b>Use of Goods and Services</b>						
<b>2211</b>		Use of Goods and Services						
	213	Official Travel Missions	9248	5000	2500	10000	10000	10000
	214	Goods and services expenses	201773	205000	203000	202000	202000	202000
	013	Services, security and guarding contracts	200000	200000	200000	200000	200000	200000
	078	Subscriptions rights	1773	5000	3000	2000	2000	2000
		<b>Total</b>	<b>211021</b>	<b>210000</b>	<b>205500</b>	<b>212000</b>	<b>212000</b>	<b>212000</b>
		<b>Total of Activity</b>	<b>573358</b>	<b>616000</b>	<b>588500</b>	<b>629000</b>	<b>636000</b>	<b>647000</b>
		<b>Total of Program</b>	<b>573358</b>	<b>616000</b>	<b>588500</b>	<b>629000</b>	<b>636000</b>	<b>647000</b>
Program : 4110 - Developing and Enhancing Water Monitoring Network								
Activity : 601 - Improving water monitoring network								
Group	Item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
<b>21</b>		<b>Compensations of Employees</b>						
<b>2111</b>		Salaries, Wages and Allowances						
	101	Classified Employees	34661	33000	25000	24000	25000	26000
	102	Unclassified Employees	75590	77000	77000	77000	78000	79000
	105	Personal Cost of Living Allowance	73175	84000	80000	90000	91000	93000
	106	Family Cost of Living Allowance	10160	11000	10000	11000	12000	13000
	110	Overtime Allowance	32721	35000	35000	35000	35000	35000
	111	Additional Allowance	63042	72000	62000	65000	66000	67000
	115	Field Visit Allowance	1671	3000	3000	1000	1000	1000
	120	Contract Employees	0	0	0	12000	13000	14000
		<b>Total</b>	<b>291020</b>	<b>315000</b>	<b>292000</b>	<b>315000</b>	<b>321000</b>	<b>328000</b>
<b>2121</b>		Social Security Contributions						
	301	Social Security	22403	25000	25000	28000	29000	30000
		<b>Total</b>	<b>22403</b>	<b>25000</b>	<b>25000</b>	<b>28000</b>	<b>29000</b>	<b>30000</b>
<b>22</b>		<b>Use of Goods and Services</b>						
<b>2211</b>		Use of Goods and Services						
	213	Official Travel Missions	8983	5000	2500	4000	4000	4000
		<b>Total</b>	<b>8983</b>	<b>5000</b>	<b>2500</b>	<b>4000</b>	<b>4000</b>	<b>4000</b>
		<b>Total of Activity</b>	<b>322406</b>	<b>345000</b>	<b>319500</b>	<b>347000</b>	<b>354000</b>	<b>362000</b>
		<b>Total of Program</b>	<b>322406</b>	<b>345000</b>	<b>319500</b>	<b>347000</b>	<b>354000</b>	<b>362000</b>
		<b>Total of Chapter</b>	<b>1902477</b>	<b>2090000</b>	<b>1901000</b>	<b>2051000</b>	<b>2074000</b>	<b>2098000</b>

# Overall Summary of Capital Expenditures for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Group	Item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
		<b>Expenditures</b>						
22		Use of Goods and Services						
2211		Use of Goods and Services						
	510	Buildings and facilities repair and maintenance	0	0	0	20000	20000	20000
	512	Operating and Sustaining Expenditures	4493928	4543000	3539000	2505000	3005000	3005000
<b>Total</b>			<b>4493928</b>	<b>4543000</b>	<b>3539000</b>	<b>2525000</b>	<b>3025000</b>	<b>3025000</b>
26		<b>Support/ Grants</b>						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital	0	0	0	32793000	31133000	36105000
<b>Total</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>32793000</b>	<b>31133000</b>	<b>36105000</b>
28		<b>Other Expenditures</b>						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations	1239149	1908500	1045000	890000	1390000	1390000
<b>Total</b>			<b>1239149</b>	<b>1908500</b>	<b>1045000</b>	<b>890000</b>	<b>1390000</b>	<b>1390000</b>
		<b>Fixed Assets</b>						
31		<b>Non-financial Assets</b>						
3111		Buildings and Constructions						
	508	Works and Constructions	9065325	18585441	11850000	9430000	16430000	13430000
<b>Total</b>			<b>9065325</b>	<b>18585441</b>	<b>11850000</b>	<b>9430000</b>	<b>16430000</b>	<b>13430000</b>
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices	46148	60000	54000	5000	5000	5000
<b>Total</b>			<b>46148</b>	<b>60000</b>	<b>54000</b>	<b>5000</b>	<b>5000</b>	<b>5000</b>
<b>Total of Chapter</b>			<b>14844550</b>	<b>25096941</b>	<b>16488000</b>	<b>45643000</b>	<b>51983000</b>	<b>53955000</b>

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4101 Administration and Support Services								
Project		001 Water Services Improvement Project						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
22		Use of Goods and Services						
2211		Use of Goods and Services						
	512	Operating and Sustaining Expenditures						
	008	Qualifying and training expenses	160	5000	1000	5000	5000	5000
		<b>Total of Item</b>	160	5000	1000	5000	5000	5000
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	007	Institutional work development studies	0	75000	45000	40000	40000	40000
		<b>Total of Item</b>	0	75000	45000	40000	40000	40000
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	003	Office supplies and equipment	0	10000	4000	5000	5000	5000
	999	n.e.c	4640	0	0	0	0	0
		<b>Total of Item</b>	4640	10000	4000	5000	5000	5000
		<b>Total of Project / Treasury</b>	4800	90000	50000	50000	50000	50000
Project		004 Solar Energy Use Project						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	062	Solar cells systems and equipment	41508	50000	50000	0	0	0
		<b>Total of Item</b>	41508	50000	50000	0	0	0
		<b>Total of Project / Treasury</b>	41508	50000	50000	0	0	0
		<b>Total of Program</b>	46308	140000	100000	50000	50000	50000

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4105 Water resources								
Project		003 Studying Water Resources (Various Studies)						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	007	Institutional work development studies	9000	20000	4500	2500	2500	2500
	010	Water, dams and irrigation studies	152398	1329500	663000	365000	865000	865000
	011	Environmental studies	112500	132500	132500	132500	132500	132500
		Total of Item	273898	1482000	800000	500000	1000000	1000000
		Total of Project / Treasury	273898	1482000	800000	500000	1000000	1000000
Project		004 Disi Water Conveyance						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
22		Use of Goods and Services						
2211		Use of Goods and Services						
	512	Operating and Sustaining Expenditures						
	025	Cases and compensations fees	4493768	4538000	3538000	2500000	3000000	3000000
		Total of Item	4493768	4538000	3538000	2500000	3000000	3000000
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	010	Water, dams and irrigation studies	213202	0	0	0	0	0
		Total of Item	213202	0	0	0	0	0
		Total of Project / Treasury	4706970	4538000	3538000	2500000	3000000	3000000
Project		005 Exploring Deep Layers Studies						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	010	Water, dams and irrigation studies	559996	0	0	0	0	0
		Total of Item	559996	0	0	0	0	0
		Total of Project / Treasury	559996	0	0	0	0	0
Project		006 Water Harvest Study						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	010	Water, dams and irrigation studies	344	0	0	0	0	0
		Total of Item	344	0	0	0	0	0
		Total of Project / Treasury	344	0	0	0	0	0

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4105 Water resources								
Project		008 Automation of water detection network						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	007	Institutional work development studies	33990	200000	150000	100000	100000	100000
		<b>Total of Item</b>	<b>33990</b>	<b>200000</b>	<b>150000</b>	<b>100000</b>	<b>100000</b>	<b>100000</b>
		<b>Total of Project / Treasury</b>	<b>33990</b>	<b>200000</b>	<b>150000</b>	<b>100000</b>	<b>100000</b>	<b>100000</b>
Project		009 Information Technology Master Plan						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	007	Institutional work development studies	33995	0	0	0	0	0
		<b>Total of Item</b>	<b>33995</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total of Project / Treasury</b>	<b>33995</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Project		014 Preparing the financial and legal agreement (EWGB)						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	010	Water, dams and irrigation studies	0	33500	0	0	0	0
		<b>Total of Item</b>	<b>0</b>	<b>33500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total of Project / Treasury</b>	<b>0</b>	<b>33500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total of Program</b>			<b>5609193</b>	<b>6253500</b>	<b>4488000</b>	<b>3100000</b>	<b>4100000</b>	<b>4100000</b>

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4110 Developing and Enhancing Water Monitoring Network								
Project		003 Drilling wells for monitoring underground basins						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
<b>22</b>		<b>Use of Goods and Services</b>						
<b>2211</b>		Use of Goods and Services						
	510	Buildings and facilities repair and maintenance						
	010	Wells maintenance	0	0	0	20000	20000	20000
		<b>Total of Item</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20000</b>	<b>20000</b>	<b>20000</b>
<b>31</b>		<b>Non-financial Assets</b>						
<b>3111</b>		Buildings and Constructions						
	508	Works and Constructions						
	016	Excavations and wells construction	76734	140000	110000	80000	80000	80000
		<b>Total of Item</b>	<b>76734</b>	<b>140000</b>	<b>110000</b>	<b>80000</b>	<b>80000</b>	<b>80000</b>
		<b>Total of Project / Treasury</b>	<b>76734</b>	<b>140000</b>	<b>110000</b>	<b>100000</b>	<b>100000</b>	<b>100000</b>
		<b>Total of Program</b>	<b>76734</b>	<b>140000</b>	<b>110000</b>	<b>100000</b>	<b>100000</b>	<b>100000</b>

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		002 Water projects in poverty pockets including renovating water network in Souf Town						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	019	Water networks construction	0	300000	0	0	0	0
Total of Item			0	300000	0	0	0	0
Total of Project / Treasury			0	300000	0	0	0	0
Project		003 Water Authority projects/improving water networks in the governorates						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	019	Water networks construction	702283	1867000	867000	0	0	0
	020	Sanitary drainage networks construction	0	133000	133000	0	0	0
Total of Item			702283	2000000	1000000	0	0	0
Total of Project / Treasury			702283	2000000	1000000	0	0	0
Project		011 Project of re-habilitating Amman, Balqa' and Madaba water networks for continuing water supply						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	019	Water networks construction	102285	0	0	0	0	0
Total of Item			102285	0	0	0	0	0
Total of Project / Treasury			102285	0	0	0	0	0
Project		012 Qualifying Ajloun water network project						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	019	Water networks construction	312659	0	0	0	0	0
Total of Item			312659	0	0	0	0	0
Total of Project / Treasury			312659	0	0	0	0	0
Project		013 Jerash Water Network Rehabilitation Project						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	019	Water networks construction	1147771	0	0	0	0	0
Total of Item			1147771	0	0	0	0	0
Total of Project / Treasury			1147771	0	0	0	0	0

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		014 Rehabilitating Networks in Irbid and Mafrq Governorates Project						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		<b>Non-financial Assets</b>						
3111		Buildings and Constructions						
	508	Works and Constructions						
	019	Water networks construction	316738	1135000	550000	0	0	0
	999	n.e.c	120150	0	0	0	0	0
		<b>Total of Item</b>	<b>436888</b>	<b>1135000</b>	<b>550000</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total of Project / Treasury</b>	<b>436888</b>	<b>1135000</b>	<b>550000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Project		016 Miscellaneous sanitary drainage and purification stations						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		<b>Non-financial Assets</b>						
3111		Buildings and Constructions						
	508	Works and Constructions						
	999	n.e.c	553016	0	0	0	0	0
		<b>Total of Item</b>	<b>553016</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total of Project / Treasury</b>	<b>553016</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Project		017 Two sanitary drainage lifting stations in east and west Zarqa						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
28		<b>Other Expenditures</b>						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	016	Sanitary drainage studies	123724	0	0	0	0	0
		<b>Total of Item</b>	<b>123724</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
31		<b>Non-financial Assets</b>						
3111		Buildings and Constructions						
	508	Works and Constructions						
	023	Stations construction and completion	2971925	565000	565000	0	0	0
		<b>Total of Item</b>	<b>2971925</b>	<b>565000</b>	<b>565000</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total of Project / Treasury</b>	<b>3095649</b>	<b>565000</b>	<b>565000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Project		018 Expanding Wadi Al-Seer sanitary drainage station/ Naour sanitary drainage						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		<b>Non-financial Assets</b>						
3111		Buildings and Constructions						
	508	Works and Constructions						
	020	Sanitary drainage networks construction	553355	5400000	2895000	2500000	1000000	1000000
	023	Stations construction and completion	0	1000000	1000000	0	2000000	2000000
		<b>Total of Item</b>	<b>553355</b>	<b>6400000</b>	<b>3895000</b>	<b>2500000</b>	<b>3000000</b>	<b>3000000</b>
		<b>Total of Project / Treasury</b>	<b>553355</b>	<b>6400000</b>	<b>3895000</b>	<b>2500000</b>	<b>3000000</b>	<b>3000000</b>



# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		019 Implementing water transfer line from Al-Sultani Station to Al-Ghwair						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	021	Pipeline construction	1408662	150000	150000	0	0	0
Total of Item			1408662	150000	150000	0	0	0
Total of Project / Treasury			1408662	150000	150000	0	0	0
Project		020 Water transport from Al-Mujib Dam to Karak						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	021	Pipeline construction	799747	1520000	205000	0	0	0
Total of Item			799747	1520000	205000	0	0	0
Total of Project / Treasury			799747	1520000	205000	0	0	0
Project		021 Sanitary drainage for the villages of north and north east of Balqa Governorate/ nuclear reactor cooling						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	020	Sanitary drainage networks construction	0	1172500	1172500	500000	2000000	2000000
Total of Item			0	1172500	1172500	500000	2000000	2000000
Total of Project / Treasury			0	1172500	1172500	500000	2000000	2000000
Project		023 Contribution to expanding Kherbet Samra Station to receive additional quantities/ nuclear reactor cooling						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	020	Sanitary drainage networks construction	0	1500000	551000	500000	1500000	1500000
Total of Item			0	1500000	551000	500000	1500000	1500000
Total of Project / Treasury			0	1500000	551000	500000	1500000	1500000
Project		024 Sanitary drainage of Dhilail/ Hallabat/ Khaldiyyeh/ nuclear reactor cooling						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	020	Sanitary drainage networks construction	0	536000	505000	1000000	2000000	2000000
Total of Item			0	536000	505000	1000000	2000000	2000000
Total of Project / Treasury			0	536000	505000	1000000	2000000	2000000

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		025 Al-Aqeb Al-Janoubi Water Development Project studies						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	010	Water, dams and irrigation studies	0	59000	0	100000	100000	100000
Total of Item			0	59000	0	100000	100000	100000
Total of Project / Treasury			0	59000	0	100000	100000	100000
Project		027 Project of Al-Shediyeh Al-Hasa						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	010	Water, dams and irrigation studies	0	59000	50000	150000	150000	150000
Total of Item			0	59000	50000	150000	150000	150000
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	016	Excavations and wells construction	0	0	0	850000	1850000	1850000
Total of Item			0	0	0	850000	1850000	1850000
Total of Project / Treasury			0	59000	50000	1000000	2000000	2000000
Project		028 Establishing sanitary drainage networks and lines in Madaba governorate including Dhiban / Nuclear reactor cooling						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	020	Sanitary drainage networks construction	0	1577941	1557500	1000000	1500000	1500000
Total of Item			0	1577941	1557500	1000000	1500000	1500000
Total of Project / Treasury			0	1577941	1557500	1000000	1500000	1500000
Project		029 Establishing sanitary drainage networks and lines in Al Balqa governorate including Almgharib area / Nuclear reactor cooling						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	020	Sanitary drainage networks construction	0	1589000	1589000	1000000	1500000	1500000
Total of Item			0	1589000	1589000	1000000	1500000	1500000
Total of Project / Treasury			0	1589000	1589000	1000000	1500000	1500000

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		030 Establishing the sanitary drainage lines for the tender of Shafa Alamriyah intersection and Salt ring tender						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	020	Sanitary drainage networks construction	0	0	0	2000000	3000000	0
Total of Item			0	0	0	2000000	3000000	0
Total of Project / Treasury			0	0	0	2000000	3000000	0
Project		701 Qualifying and improving networks and water lines in Irbid governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	2600000	3600000	4900000
Total of Item			0	0	0	2600000	3600000	4900000
Total of Project / Treasury			0	0	0	2600000	3600000	4900000
Project		702 Supply and extension of sewage lines in different locations in Qasabah, Bani Obaid and Ramtha / Irbid Governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	600000	750000	1000000
Total of Item			0	0	0	600000	750000	1000000
Total of Project / Treasury			0	0	0	600000	750000	1000000
Project		703 Qualifying and improving networks and water lines in Mafraq governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	3362000	1508000	1835000
Total of Item			0	0	0	3362000	1508000	1835000
Total of Project / Treasury			0	0	0	3362000	1508000	1835000
Project		704 Sanitary drainage network of Al-Mizah area and Prince Hamzah neighborhood / Mafraq Governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	0	0	3000000
Total of Item			0	0	0	0	0	3000000
Total of Project / Treasury			0	0	0	0	0	3000000

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		705 Qualifying and improving networks and water lines in Jerash governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	3050000	2100000	900000
Total of Item			0	0	0	3050000	2100000	900000
Total of Project / Treasury			0	0	0	3050000	2100000	900000
Project		706 Sewage network of Prince Hamza neighborhood in Jerash city / Jerash governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	0	250000	250000
Total of Item			0	0	0	0	250000	250000
Total of Project / Treasury			0	0	0	0	250000	250000
Project		707 Qualifying and improving networks and water lines in Ajloun governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	3000000	0	1000000
Total of Item			0	0	0	3000000	0	1000000
Total of Project / Treasury			0	0	0	3000000	0	1000000
Project		708 Qualifying and improving networks and lines of the sanitary drainage / Ajloun governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	0	1000000	1000000
Total of Item			0	0	0	0	1000000	1000000
Total of Project / Treasury			0	0	0	0	1000000	1000000
Project		709 Qualifying and improving networks and water lines in the Capital governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	1500000	1500000	1500000
Total of Item			0	0	0	1500000	1500000	1500000
Total of Project / Treasury			0	0	0	1500000	1500000	1500000

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		710 Expansion of sanitary drainage networks in different areas of the Capital / the Capital governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	3500000	4000000	2500000
Total of Item			0	0	0	3500000	4000000	2500000
Total of Project / Treasury			0	0	0	3500000	4000000	2500000
Project		711 Qualifying and improving networks and water lines in Balqa governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	2700000	2120000	1940000
Total of Item			0	0	0	2700000	2120000	1940000
Total of Project / Treasury			0	0	0	2700000	2120000	1940000
Project		712 Removing health nuisances and Customer service/ Balqa governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	50000	50000	50000
Total of Item			0	0	0	50000	50000	50000
Total of Project / Treasury			0	0	0	50000	50000	50000
Project		713 Qualifying and improving networks and lines of the sanitary drainage / Balqa governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	250000	500000	500000
Total of Item			0	0	0	250000	500000	500000
Total of Project / Treasury			0	0	0	250000	500000	500000
Project		714 Establishing a concrete tank 1000 cubic meters Alkarama / Balqa governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	120000	80000	60000
Total of Item			0	0	0	120000	80000	60000
Total of Project / Treasury			0	0	0	120000	80000	60000

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		715 Qualifying and improving networks and water lines in Zarqa governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	3650000	0	0
Total of Item			0	0	0	3650000	0	0
Total of Project / Treasury			0	0	0	3650000	0	0
Project		716 Qualifying and improving networks and lines of the sanitary drainage in Zarqa governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	1350000	0	0
Total of Item			0	0	0	1350000	0	0
Total of Project / Treasury			0	0	0	1350000	0	0
Project		717 Rehabilitating water pumping stations in Zarqa governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	295000	0	0
Total of Item			0	0	0	295000	0	0
Total of Project / Treasury			0	0	0	295000	0	0
Project		718 Qualifying and improving networks and water lines in Madaba governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	826000	1425000	1250000
Total of Item			0	0	0	826000	1425000	1250000
Total of Project / Treasury			0	0	0	826000	1425000	1250000
Project		719 Protecting the facilities (wells and purification station) / Madaba Dhiban / Madaba Governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	270000	300000	200000
Total of Item			0	0	0	270000	300000	200000
Total of Project / Treasury			0	0	0	270000	300000	200000

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		720 Qualifying and improving networks and lines of the sanitary drainage in Madaba governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	0	2000000	2000000
Total of Item			0	0	0	0	2000000	2000000
Total of Project / Treasury			0	0	0	0	2000000	2000000
Project		721 Qualifying and improving networks and water lines in Karak governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	700000	0	0
Total of Item			0	0	0	700000	0	0
Total of Project / Treasury			0	0	0	700000	0	0
Project		722 Qualifying and improving networks and lines of the sanitary drainage in Karak governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	500000	6600000	9500000
Total of Item			0	0	0	500000	6600000	9500000
Total of Project / Treasury			0	0	0	500000	6600000	9500000
Project		723 Qualifying and improving networks and water lines in Ma'an governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	2870000	1900000	570000
Total of Item			0	0	0	2870000	1900000	570000
Total of Project / Treasury			0	0	0	2870000	1900000	570000
Project		724 Constructing water tanks in Ma'an governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	600000	200000	0
Total of Item			0	0	0	600000	200000	0
Total of Project / Treasury			0	0	0	600000	200000	0

# Capital Expenditures According to Program and Projects for the Years 2016 - 2020

Chapter : 2301 Ministry of Water and Irrigation

( In JDs )

Program 4115 Supporting the Water Authority Projects								
Project		725 Drilling and equipping deep water wells in Ma'an governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	0	500000	450000
<b>Total of Item</b>			0	0	0	0	500000	450000
<b>Total of Project / Treasury</b>			0	0	0	0	500000	450000
Project		726 Connecting the houses with the sewage network inside Ma'an city and Petra district (home links) / Ma'an governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	0	500000	1000000
<b>Total of Item</b>			0	0	0	0	500000	1000000
<b>Total of Project / Treasury</b>			0	0	0	0	500000	1000000
Project		727 Qualifying and improving networks and lines of the sanitary drainage in Tafileh governorate						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2016	Estimated 2017	Re-estimated 2017	Estimated 2018	Indicative 2019	Indicative 2020
26		Support/ Grants						
2632		Support to General Government Units/ Capital						
	509	Subsidy to general government units/capital						
	002	Water Authority	0	0	0	1000000	250000	700000
<b>Total of Item</b>			0	0	0	1000000	250000	700000
<b>Total of Project / Treasury</b>			0	0	0	1000000	250000	700000
<b>Total of Program</b>			9112315	18563441	11790000	42393000	47733000	49705000
<b>Total of Chapter</b>			14844550	25096941	16488000	45643000	51983000	53955000