

## WWTP of Jericho \_ Monthly reports (year 2019) January

Date: 01/01/2019 -31/01/2019 (31 days(					
Amounts of treated water					
		Minimum quantity/day	Highest amount/day	Total	daily rate
Total water inflow	Cubic meters	850	1480	33840	1091.6
Total amount of water out	Cubic meters	690	1460	31480	1015.5
Amount of water pumped for agricultural purposes outside the station	Cubic meters	-	-	19410	626.1
The amount of treated water used inside the plant	Cubic meters	45262	45262	0	0.0
sewage tanks	Cubic meters	0	91	487	16
sewage tanks	Number	0	9	51	2
Energy Calculation					
		previous reading	current reading	Total	daily rate
Electricity company consumption	kWh/h	967477	992132	24655	795.32
The amount of energy produced by solar cells	kWh/h	815139	826647	11508	371.23
The amount of spare capacity	kWh/h	293874	296476	2602	83.94
Agriculture pumps consumption	kWh/h			3676	118.58
Total consumption for processing	kWh/h			29885	964.03
Calculation of processing costs					
Electricity consumption					
Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS
A	15902	11207	2552	13350	5275.11
B	2755	266	21	2734	1262.07
C	5998	35	29	5969	3385.52
Agriculture pumps consumption					1913.10
the total	24655	11508	2602	22053	13293.52
	previous reading	current reading	Total	unit price	the cost

Drinking water consumption (cubic meter)	4430.00	4683.50	253.50	1.00	253.50
Consumption of chlorine for sterilization (liter)	2251.00	1442.00	809.00	1.30	1051.70
Solar consumption for electric generator (liters)	1515.00	1513.00	2.00	6.42	12.84
The number of hours of operation of the generator	479.70	480.30	0.60		
employee salaries					
purchases					0
total cost					45657.22
Performance indicators					
Cost per cubic meter of treated water (NIS/cubic meter)				1.35	
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)				0.88	
number of visitors					100
Number of visitors for the next month					
General Notes					
					M. Ibrahim Abu Saiba
<b>February</b>					
Date: 02/01/2019 -28/02/2019 (28 days(					
Amounts of treated water					
		Minimum quantity/day	Highest amount/day	Total	daily rate
Total water inflow	Cubic meters	760	1570	29920	1068.6
Total amount of water out	Cubic meters	670	1610	28820	1029.3
Amount of water pumped for agricultural purposes outside the station	Cubic meters	-	-	15588	556.7
The amount of treated water used inside the plant	Cubic meters	45262	45490	228	8.1

sewage tanks	Cubic meters	0	69	431	15
sewage tanks	Number	0	7	45	2
Energy Calculation					
		previous reading	current reading	Total	daily rate
Electricity company consumption	kWh/h	992132	1013740	21608	771.71
The amount of energy produced by solar cells	kWh/h	826647	837892	11245	401.61
The amount of spare capacity	kWh/h	296476	299387	2911	103.96
Agriculture pumps consumption	kWh/h			2873	102.61
Total consumption for processing	kWh/h			27069	966.75
Calculation of processing costs					
Electricity consumption					
Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS
A	13941	10826	2896	11045	4458.47
B	2542	354	15	2527	1165.99
C	5125	65	0	5125	2903.83
Agriculture pumps consumption					1491.90
the total	21608	11245	2911	18697	15716.57
	previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)	4683.50	5451.00	767.50	1.00	767.50
Consumption of chlorine for sterilization (liter)	1442.00	705.00	737.00	1.30	958.10
Solar consumption for electric generator (liters)	1513.00	1508.00	5.00	6.42	32.10
The number of hours of operation of the generator	480.30	480.60	0.30		
employee salaries					
purchases					0
total cost					48519.93
Performance indicators					
Cost per cubic meter of treated water (NIS/cubic meter)			1.62		
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)			0.90		

number of visitors							100
Number of visitors for the next month							
General Notes							
						M. Ibrahim Abu Saiba	
<b>March</b>							
Date: 03/01/2019 -31/03/2019 (31 days(							
Amounts of treated water							
				Minimum quantity/day	Highest amount/day	Total	daily rate
Total water inflow			Cubic meters	800	1590	34200	1103
Total amount of water out			Cubic meters	780	1600	33500	1081
Amount of water pumped for agricultural purposes outside the station			Cubic meters	-	-	20476	661
The amount of treated water used inside the plant			Cubic meters	45490	45751	261	8
sewage tanks			Cubic meters	0	94	413	13
sewage tanks			Number	0	10	41	1
Energy Calculation							
				previous reading	current reading	Total	daily rate
Electricity company consumption			kWh/h	1013740	1037814	24074	776.6
The amount of energy produced by solar cells			kWh/h	837892	851079	13187	425.39
The amount of spare capacity			kWh/h	299387	302582	3195	103.06
Agriculture pumps consumption			kWh/h			3821	123.26
Total consumption for processing			kWh/h			30245	975.65
Calculation of processing costs							
Electricity consumption							

Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS
A	12144	1676	309	11835	4442.07
B	4163	2087	772	3391	1654.87
C	7767	9424	2114	5653	3456.67
Agriculture pumps consumption					2151.40
the total	24074	13187	3195	20879	13199.08
	previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)	5451.00	6266.00	815.00	1.00	815.00
Consumption of chlorine for sterilization (liter)	3950.00	3102.00	848.00	1.30	1102.40
Solar consumption for electric generator (liters)	1508.00	1452.00	56.00	6.42	359.52
The number of hours of operation of the generator	480.60	489.30	8.70		
employee salaries					
purchases					0
total cost					46521.66
Performance indicators					
Cost per cubic meter of treated water (NIS/cubic meter)			1.36		
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)			0.88		
number of visitors					200
Number of visitors for the next month					
General Notes					
					M. Ibrahim Abu Saiba
<b>April</b>					
Date: 01/04/2019 -30/04/2019 (30 days)					
Amounts of treated water					

		Minimum quantity/day	Highest amount/day	Total	daily rate	
Total water inflow	Cubic meters	910	1300	33570	1119	
Total amount of water out	Cubic meters	760	1360	33560	1119	
Amount of water pumped for agricultural purposes outside the station	Cubic meters	-	-	23114	770	
The amount of treated water used inside the plant	Cubic meters	45751	46343	592	20	
sewage tanks	Cubic meters	0	82	507	17	
sewage tanks	Number	0	8	51	2	
Energy Calculation						
		previous reading	current reading	Total	daily rate	
Electricity company consumption	kWh/h	1037814	1061346	23532	784.4	
The amount of energy produced by solar cells	kWh/h	851079	866450	15371	512.4	
The amount of spare capacity	kWh/h	302582	305961	3379	112.6	
Agriculture pumps consumption	kWh/h			4312	143.7	
Total consumption for processing	kWh/h			31212	1040.4	
Calculation of processing costs						
Electricity consumption						
Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS	
A	12001	1888	279	11722	4396.41	
B	3845	2406	857	2988	1479.41	
C	7686	11077	2243	5443	3353.16	
Agriculture pumps consumption					2458.10	
the total	23532	15371	3379	20153	13160.16	
		previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)	6266.00	7027.00	761.00	1.00	761.00	
Consumption of chlorine for sterilization (liter)	3102.00	1830.00	1272.00	1.30	1653.60	
Solar consumption for electric generator (liters)	1452.00	1331.70	120.30	6.42	772.33	

The number of hours of operation of the generator	489.30	495.60	6.30		
employee salaries					
purchases					0
total cost					47392.75
Performance indicators					
Cost per cubic meter of treated water (NIS/cubic meter)					1.41
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)					0.93
number of visitors					150
Number of visitors for the next month					
General Notes					
					M. Ibrahim Abu Saiba
<b>May</b>					
Date: 01/05/2019 -31/05/2019 (31 days(					
Amounts of treated water					
		Minimum quantity/day	Highest amount/day	Total	daily rate
Total water inflow	Cubic meters	960	1200	32780	1057
Total amount of water out	Cubic meters	660	1270	31300	1010
Amount of water pumped for agricultural purposes outside the station	Cubic meters	-	-	29798	961
The amount of treated water used inside the plant	Cubic meters	46343	46881	538	17
sewage tanks	Cubic meters	0	71	448	14
sewage tanks	Number	0	7	48	2
Energy Calculation					

		previous reading	current reading	Total	daily rate
Electricity company consumption	kWh/h	1061346	1090972	29626	955.7
The amount of energy produced by solar cells	kWh/h	866450	883741	17291	557.8
The amount of spare capacity	kWh/h	305961	308834	2873	92.7
Agriculture pumps consumption	kWh/h			5895	190.2
Total consumption for processing	kWh/h			38149	1230.6
Calculation of processing costs					
Electricity consumption					
Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS
A	14918	2309	393	14525	5453.37
B	6053	2728	480	5573	2625.08
C	8655	12254	2000	6655	4010.72
Agriculture pumps consumption					3279.80
the total	29626	17291	2873	26753	17136.61
	previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)	7027.00	8322.00	1295.00	1.00	1295.00
Consumption of chlorine for sterilization (liter)	1830.00	920.00	910.00	1.30	1183.00
Solar consumption for electric generator (liters)	1331.70	1326.00	5.70	6.42	36.59
The number of hours of operation of the generator	495.60	496.60	1.00		
employee salaries					
purchases					0
total cost					50696.87
Performance indicators					
Cost per cubic meter of treated water (NIS/cubic meter)			1.55		
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)			1.16		
number of visitors					0
Number of visitors for the next month					
General Notes					



					M. Ibrahim Abu Saiba
<b>June</b>					
Date: 01/06/2019 -30/06/2019 (30 days(					
Amounts of treated water					
		Minimum quantity/day	Highest amount/day	Total	daily rate
Total water inflow	Cubic meters	880	1280	32780	1093
Total amount of water out	Cubic meters	580	1280	30610	1020
Amount of water pumped for agricultural purposes outside the station	Cubic meters	-	-	31631	1054
The amount of treated water used inside the plant	Cubic meters	46881	47231	350	12
sewage tanks	Cubic meters	0	98	542	18
sewage tanks	Number	0	10	58	2
Energy Calculation					
		previous reading	current reading	Total	daily rate
Electricity company consumption	kWh/h	1090972	1117097	26125	870.8
The amount of energy produced by solar cells	kWh/h	883741	900851	17110	570.3
The amount of spare capacity	kWh/h	308834	311483	2649	88.3
Agriculture pumps consumption	kWh/h			6123	204.1
Total consumption for processing	kWh/h			34463	1148.8
Calculation of processing costs					
Electricity consumption					
Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS
A	13863	3741	582	13281	5013.03
B	5698	3007	580	5118	2427.46
C	6564	10362	1487	5077	3055.07

Agriculture pumps consumption					3285.80
the total	26125	17110	2649	23476	15360.98
	previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)	8322.00	8941.00	619.00	1.00	619.00
Consumption of chlorine for sterilization (liter)	4200.00	3461.00	739.00	1.30	960.70
Solar consumption for electric generator (liters)	1326.00	1293.00	33.00	6.42	211.86
The number of hours of operation of the generator	496.60	498.80	2.20		
employee salaries					
purchases					0
total cost					48198.20
Performance indicators					
Cost per cubic meter of treated water (NIS/cubic meter)			1.47		
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)			1.05		
number of visitors					50
Number of visitors for the next month					
General Notes					
					M. Ibrahim Abu Saiba
<b>July</b>					
Date: 07/01/2019 -31/07/2019 (31 days(					
Amounts of treated water					
		Minimum quantity/day	Highest amount/day	Total	daily rate
Total water inflow	Cubic meters	900	1290	34200	1103
Total amount of water out	Cubic meters	750	1360	33270	1073

Amount of water pumped for agricultural purposes outside the station	Cubic meters	-	-	30138	972
The amount of treated water used inside the plant	Cubic meters	47231	48402	1171	38
sewage tanks	Cubic meters	0	98	524	17
sewage tanks	Number	0	10	54	2
Energy Calculation					
		previous reading	current reading	Total	daily rate
Electricity company consumption	kWh/h	117097	143822	26725	862.1
The amount of energy produced by solar cells	kWh/h	900851	918804	17953	579.1
The amount of spare capacity	kWh/h	311483	314514	3031	97.8
Agriculture pumps consumption	kWh/h			5678	183.2
Total consumption for processing	kWh/h			35969	1160.3
Calculation of processing costs					
Electricity consumption					
Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS
A	17692	4685	969	16723	6340.58
B	6968	2979	277	6691	3115.78
C	2065	10289	1785	280	372.85
Agriculture pumps consumption					4500.10
the total	26725	17953	3031	23694	17400.40
	previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)	8941.00	9703.00	762.00	1.00	762.00
Consumption of chlorine for sterilization (liter)	3461.00	2330.00	1131.00	1.30	1470.30
Solar consumption for electric generator (liters)	1293.00	1269.00	24.00	6.42	154.08
The number of hours of operation of the generator	498.80	500.30	1.50		
employee salaries					
purchases					0
total cost					50832.44

Performance indicators							
Cost per cubic meter of treated water (NIS/cubic meter)				1.49			
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)				1.05			
number of visitors							100
Number of visitors for the next month							
General Notes							
						M. Ibrahim Abu Saiba	
<b>August</b>							
Date: 01/08/2019 -31/08/2019 (31 days(							
Amounts of treated water							
			Minimum quantity/day	Highest amount/day	Total	daily rate	
Total water inflow			Cubic meters	1020	1380	36140	1166
Total amount of water out			Cubic meters	730	1220	33390	1077
Amount of water pumped for agricultural purposes outside the station			Cubic meters	-	-	31351	1011
The amount of treated water used inside the plant			Cubic meters	48402	50171	1769	57
sewage tanks			Cubic meters	0	125	830	27
sewage tanks			Number	0	13	86	3
Energy Calculation							
			previous reading	current reading	Total	daily rate	
Electricity company consumption			kWh/h	143822	172168	28346	914.4
The amount of energy produced by solar cells			kWh/h	918804	936093	17289	557.7
The amount of spare capacity			kWh/h	314514	317655	3141	101.3
Agriculture pumps consumption			kWh/h			5653	182.4



Date: 09/01/2019 -30/09/2019 (30 days(					
Amounts of treated water					
		Minimum quantity/day	Highest amount/day	Total	daily rate
Total water inflow	Cubic meters	900	1560	35800	1193
Total amount of water out	Cubic meters	820	1530	34900	1163
Amount of water pumped for agricultural purposes outside the station	Cubic meters	-	-	14880	496
The amount of treated water used inside the plant	Cubic meters	50171	50600	429	14
sewage tanks	Cubic meters	0	122	563	19
sewage tanks	Number	0	12	59	2
Energy Calculation					
		previous reading	current reading	Total	daily rate
Electricity company consumption	kWh/h	172168	202514	30346	1011.5
The amount of energy produced by solar cells	kWh/h	936093	948998	12905	430.2
The amount of spare capacity	kWh/h	317655	320373	2718	90.6
Agriculture pumps consumption	kWh/h			2440	81.3
Total consumption for processing	kWh/h			38093	1269.8
Calculation of processing costs					
Electricity consumption					
Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS
A	14652	1567	406	14246	5351.08
B	5699	1584	440	5259	2475.62
C	9995	9754	1872	8123	4827.13
Agriculture pumps consumption					1775.90
the total	30346	12905	2718	27628	16360.50
	previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)	10934.00	12024.00	1090.00	1.00	1090.00

Consumption of chlorine for sterilization (liter)	1583.00	977.00	606.00	1.30	787.80
Solar consumption for electric generator (liters)	1262.00	1233.00	29.00	6.42	186.18
The number of hours of operation of the generator	501.30	502.00	0.70		
employee salaries					
purchases					0
total cost					49470.14
Performance indicators					
Cost per cubic meter of treated water (NIS/cubic meter)				1.38	
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)				1.06	
number of visitors					100
Number of visitors for the next month					
General Notes					
					M. Ibrahim Abu Saiba
<b>October</b>					
Date: 01/10/2019 -31/10/2019 (31 days(					
Amounts of treated water					
		Minimum quantity/day	Highest amount/day	Total	daily rate
Total water inflow	Cubic meters	1100	1390	38670	1247
Total amount of water out	Cubic meters	800	1360	36480	1177
Amount of water pumped for agricultural purposes outside the station	Cubic meters	-	-	37196	1200
The amount of treated water used inside the plant	Cubic meters	50600	50870	270	9
sewage tanks	Cubic meters	0	66	381	12

sewage tanks	Number	0	7	39	1
Energy Calculation					
		previous reading	current reading	Total	daily rate
Electricity company consumption	kWh/h	202514	233790	31276	1008.9
The amount of energy produced by solar cells	kWh/h	948998	962588	13590	438.4
The amount of spare capacity	kWh/h	320373	322259	1886	60.8
Agriculture pumps consumption	kWh/h			6006	193.7
Total consumption for processing	kWh/h			36974	1192.7
Calculation of processing costs					
Electricity consumption					
Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS
A	14966	1438	148	14818	5533.02
B	5405	1836	411	4994	2350.06
C	10905	10316	1327	9578	5586.13
Agriculture pumps consumption					3282.00
the total	31276	13590	1886	29390	18716.63
	previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)	12024.00	13017.70	993.70	1.00	993.70
Consumption of chlorine for sterilization (liter)	4237.00	3161.00	1076.00	1.30	1398.80
Solar consumption for electric generator (liters)	1233.00	1162.00	71.00	6.42	455.82
The number of hours of operation of the generator	502.00	506.40	4.40		
employee salaries					
purchases					0
total cost					52610.61
Performance indicators					
Cost per cubic meter of treated water (NIS/cubic meter)			1.36		
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)			0.96		
number of visitors					50
Number of visitors for the next month					



General Notes								
						M. Ibrahim Abu Saiba		
<b>November</b>								
Date: 01/11/2019 -30/11/2019 (30 days(								
Amounts of treated water								
				Minimum quantity/day	Highest amount/day	Total	daily rate	
Total water inflow			Cubic meters	1000	1380	35680	1189	
Total amount of water out			Cubic meters	700	1230	32080	1069	
Amount of water pumped for agricultural purposes outside the station			Cubic meters	-	-	26492	883	
The amount of treated water used inside the plant			Cubic meters	50870	51295	425	14	
sewage tanks			Cubic meters	0	115	785	26	
sewage tanks			Number	0	11	81	3	
Energy Calculation								
				previous reading	current reading	Total	daily rate	
Electricity company consumption			kWh/h	233790	263512	29722	990.7	
The amount of energy produced by solar cells			kWh/h	962588	974553	11965	398.8	
The amount of spare capacity			kWh/h	322259	323626	1367	45.6	
Agriculture pumps consumption			kWh/h			5283	176.1	
Total consumption for processing			kWh/h			35037	1167.9	
Calculation of processing costs								
Electricity consumption								
Category			Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS	

A	13618	2073	195	13423	5019.44
B	5747	1940	425	5322	2502.85
C	10357	7952	747	9610	5534.67
Agriculture pumps consumption					3035.40
the total	29722	11965	1367	28355	17954.91
	previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)	13049.00	13696.00	647.00	1.00	647.00
Consumption of chlorine for sterilization (liter)	3161.00	2225.00	936.00	1.30	1216.80
Solar consumption for electric generator (liters)	1162.00	1154.60	7.40	6.42	47.51
The number of hours of operation of the generator	506.40	506.90	0.50		
employee salaries					
purchases					0
total cost					50911.88
Performance indicators					
Cost per cubic meter of treated water (NIS/cubic meter)			1.43		
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)			0.98		
number of visitors					50
Number of visitors for the next month					
General Notes					
					M. Ibrahim Abu Saiba
<b>December</b>					
Date: 12/1/2019 -31/12/2019 (31 days(					
Amounts of treated water					
		Minimum quantity/day	Highest amount/day	Total	daily rate

Total water inflow	Cubic meters	930	1770	37560	1212
Total amount of water out	Cubic meters	630	1600	33030	1065
Amount of water pumped for agricultural purposes outside the station	Cubic meters	-	-	28802	929
The amount of treated water used inside the plant	Cubic meters	51295	51368	73	2
sewage tanks	Cubic meters	0	98	834	27
sewage tanks	Number	0	10	86	3
Energy Calculation					
		previous reading	current reading	Total	daily rate
Electricity company consumption	kWh/h	263512	299680	36168	1205.6
The amount of energy produced by solar cells	kWh/h	974553	984191	9638	321.3
The amount of spare capacity	kWh/h	323626	324848	1222	40.7
Agriculture pumps consumption	kWh/h			5803	193.4
Total consumption for processing	kWh/h			38781	1292.7
Calculation of processing costs					
Electricity consumption					
Category	Electricity Company	produced energy	Excess capacity	the difference	Cost/NIS
A	22550	9031	1215	21335	8086.69
B	4215	301	4	4211	1940.49
C	9403	306	3	9400	5326.40
Agriculture pumps consumption					3308.60
the total	36168	9638	1222	34946	29149.02
	previous reading	current reading	Total	unit price	the cost
Drinking water consumption (cubic meter)					
Consumption of chlorine for sterilization (liter)	2225.00	1280.00	945.00	1.30	1228.50
Solar consumption for electric generator (liters)	1154.60	1148.00	6.60	6.42	42.37
The number of hours of operation of the generator	506.90	507.50	0.60		
employee salaries					

purchases							0
total cost							61465.55
Performance indicators							
Cost per cubic meter of treated water (NIS/cubic meter)						1.64	
Electricity consumption per cubic meter of treated water (kilowatt-hours/cubic meter)						1.03	
number of visitors							50
Number of visitors for the next month							
General Notes							
						M. Ibrahim Abu Saiba	