

Water Utility	<p>NEPAL WATER SUPPLY CORPORATION</p> <p>Address : Tripureswor Marg, Kathmandu, Nepal Telephone : (977-1) 262 202, 259 845 Fax : (977-1) 262 229, 259 824 E-mail : nWSC@mos.com.np Head : Kaushal Nath Bhattarai, General Manager</p> <p>The Nepal Water Supply Corporation (NWSC) is a government corporation set up in 1990 from the former Water Supply and Sewerage Board. It is responsible for water supply and sewerage for Greater Kathmandu and 11 other towns.</p>																																																																																																																																																																																																	
General Data About Water Utility	<p>Connections : 123,062 Staff : 1,865 Annual O&M Costs : US\$2,938,200 Annual Revenue : US\$2,821,850 Annual Capital Expenditure : US\$2,108,470 Source of Investment Funds : 17% grant; 57% loan; 26% tariff</p>																																																																																																																																																																																																	
Water Resources Management	<p>The main water supply for the urban areas in Kathmandu consists of several subsystems fed by surface water sources and 37 deep wells. About two thirds of the total supply are from surface water. The quality of the surface sources is satisfactory except during the rainy season when turbidity increases. However, the groundwater has high levels of iron and ammonia. The government has embarked on a long-term program for augmenting the water supply in Kathmandu Valley towns through inter-basin transfer from the Melamchi River, new water treatment plants, extension of the bulk distribution network, and additional storage capacity.</p>																																																																																																																																																																																																	
Tariff Structure	<table border="1"> <thead> <tr> <th colspan="2">Metered</th> <th colspan="4">Domestic</th> <th colspan="4">Government</th> <th colspan="4">Industrial and Commercial</th> </tr> <tr> <th rowspan="2">Tap (")</th> <th rowspan="2">Min. Allow (m³)</th> <th colspan="2">Minimum Charge</th> <th colspan="2">Rate Above Minimum (/m³)</th> <th colspan="2">Minimum Charge</th> <th colspan="2">Rate Above Minimum (/m³)</th> <th colspan="2">Minimum Charge</th> <th colspan="2">Rate Above Minimum (/m³)</th> </tr> <tr> <th>NRs</th> <th>US\$</th> <th>NRs</th> <th>US\$</th> <th>NRs</th> <th>US\$</th> <th>NRs</th> <th>US\$</th> <th>NRs</th> <th>US\$</th> <th>NRs</th> <th>US\$</th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>10</td> <td>50</td> <td>0.65</td> <td>11.90</td> <td>0.156</td> <td>75</td> <td>0.98</td> <td>0.5</td> <td>10</td> <td>50</td> <td>0.65</td> <td>11.90</td> <td>0.156</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2">11 – 100 m³</td> <td colspan="2">16.00</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2">Over 100 m³</td> <td colspan="2">22.00</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.75</td> <td>27</td> <td>720</td> <td>9.41</td> <td>26.00</td> <td>0.340</td> <td>790</td> <td>10.33</td> <td>0.75</td> <td>27</td> <td>720</td> <td>9.41</td> <td>26.00</td> <td>0.340</td> </tr> <tr> <td>1</td> <td>50</td> <td>1260</td> <td>16.48</td> <td>26.50</td> <td>0.347</td> <td>1385</td> <td>18.11</td> <td>1</td> <td>50</td> <td>1260</td> <td>16.48</td> <td>26.50</td> <td>0.347</td> </tr> <tr> <td>1.5</td> <td>140</td> <td>3520</td> <td>46.03</td> <td>27.00</td> <td>0.353</td> <td>3870</td> <td>50.60</td> <td>1.5</td> <td>140</td> <td>3520</td> <td>46.03</td> <td>27.00</td> <td>0.353</td> </tr> <tr> <td>2</td> <td>235</td> <td>5905</td> <td>77.21</td> <td>28.00</td> <td>0.366</td> <td>6495</td> <td>84.93</td> <td>2</td> <td>235</td> <td>5905</td> <td>77.21</td> <td>28.00</td> <td>0.366</td> </tr> <tr> <td>3</td> <td>700</td> <td>17590</td> <td>230.01</td> <td>28.50</td> <td>0.373</td> <td>19345</td> <td>252.96</td> <td>3</td> <td>700</td> <td>17590</td> <td>230.01</td> <td>28.50</td> <td>0.373</td> </tr> <tr> <td>4</td> <td>1400</td> <td>35175</td> <td>459.95</td> <td>29.50</td> <td>0.386</td> <td>38690</td> <td>505.92</td> <td>4</td> <td>1400</td> <td>35175</td> <td>459.95</td> <td>29.50</td> <td>0.386</td> </tr> <tr> <td colspan="2">Unmetered</td> <td colspan="12">Unmetered connections are assessed at monthly rates of NRs215 (US\$2.81)–70,340 (US\$919.78) for ½–4" main domestic connections; NRs240 (US\$3.14)–77,375 (US\$1,011.77) for main government connections, and NRs360 (US\$4.71)–94,960 (US\$1,241.71) for main industrial/commercial connections of the same size range. Monthly rates for additional branch taps are about one third of main connection rates.</td> </tr> </tbody> </table> <p><i>Notes:</i></p> <ol style="list-style-type: none"> This tariff structure has been in effect since February 2002. Consumers pay on metered use or a flat rate; not all connections are metered. Only about 38% of connections have working meters. The connection fee in 2001 was NRs1,600 (US\$21). The sewerage charge is 50% of the water bill. 														Metered		Domestic				Government				Industrial and Commercial				Tap (")	Min. Allow (m ³)	Minimum Charge		Rate Above Minimum (/m ³)		Minimum Charge		Rate Above Minimum (/m ³)		Minimum Charge		Rate Above Minimum (/m ³)		NRs	US\$	NRs	US\$	NRs	US\$	NRs	US\$	NRs	US\$	NRs	US\$	0.5	10	50	0.65	11.90	0.156	75	0.98	0.5	10	50	0.65	11.90	0.156							11 – 100 m ³		16.00												Over 100 m ³		22.00						0.75	27	720	9.41	26.00	0.340	790	10.33	0.75	27	720	9.41	26.00	0.340	1	50	1260	16.48	26.50	0.347	1385	18.11	1	50	1260	16.48	26.50	0.347	1.5	140	3520	46.03	27.00	0.353	3870	50.60	1.5	140	3520	46.03	27.00	0.353	2	235	5905	77.21	28.00	0.366	6495	84.93	2	235	5905	77.21	28.00	0.366	3	700	17590	230.01	28.50	0.373	19345	252.96	3	700	17590	230.01	28.50	0.373	4	1400	35175	459.95	29.50	0.386	38690	505.92	4	1400	35175	459.95	29.50	0.386	Unmetered		Unmetered connections are assessed at monthly rates of NRs215 (US\$2.81)–70,340 (US\$919.78) for ½–4" main domestic connections; NRs240 (US\$3.14)–77,375 (US\$1,011.77) for main government connections, and NRs360 (US\$4.71)–94,960 (US\$1,241.71) for main industrial/commercial connections of the same size range. Monthly rates for additional branch taps are about one third of main connection rates.											
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Policy and Regulation	<p>The Government's National Water Supply and Sanitation Sector Policy of 1998 supports the involvement of the private sector in the operation and management of water supply and sanitation services in Kathmandu Valley towns and the establishment of a regulatory agency for economic regulation of service providers. It provides for full cost recovery for urban areas and recovery of at least O&M costs for rural areas. Preparation of legislation for the creation of the regulatory agency is ongoing.</p>																																																																																																																																																																																																	
Wastewater and Sanitation	<p>The sewerage system in Kathmandu is combined with storm drainage, with rivers acting as sinks for domestic sewage, street discharges, and industrial effluents. There are 4 major wastewater treatment plants managed by NWSC, with a total capacity of 19 million liters per day. About 22% of the valley population are connected to the sewerage system, comprising 48,000 households (10,000 of them illegally). Septic tanks are used by most of the remainder. Investment from the different agencies for sewerage and drainage during 1997–2001 amounted to NRs155,133,000 (US\$1.98 million).</p>																																																																																																																																																																																																	