

# Kathmandu Upatyaka Khanepani Limited (KUKL)



## Monthly Report

**Bhadra 2065**

**(August – September, 2008)**

**Kathmandu**

**Nepal**

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**Kathmandu Upatayka Khanepani Limited**  
Water Supply Operation Division  
**Water Production in Kathmandu Vakkey**  
2065 (2008)

**Month: Bhadra (Aug/Sept)**

S.No.	Branch	Water production in mld			Monthly in million liters	Remarks
		Surface water	Ground water	Total		
1	Mahankalchaur Branch	43	5.78	48.78	1512.12	
2	Maharajgunj Branch	30.8	11.17	41.97	1301.13	
3	Tripureswor Branch	2.5	2.38	4.88	151.16	
4	Baneswor Branch		1.51	1.51	46.87	
5	Chhetrapati		0.38	0.38	11.72	
6	Lalitpur	28	1.51	29.51	914.87	
7	Kirtipur	3.1		3.10	96.10	
8	Kamaladi Branch					
9	Madhyapur Thimi Branch	5	4.58	9.58	297.10	
10	Bhaktapur Branch	4	0.65	4.65	144.09	
	<b>Total</b>	<b>116.40</b>	<b>27.96</b>	<b>144.36</b>	<b>4475.16</b>	

**Kathmandu Upatayka Khanepani Limited**  
 Water Supply Operation Division  
**Surface Water Production**  
 2065 (2008)

**Month: Bhadra**

S.No.	Branch	Name of the System	Name of the Source	Yield in mld	Remarks
				Bhadra	
1	Maharajgunj	Bir Dhara System	Shivapuri	24	
			Bishnumati		
2		Tri Bhim dhara	Alley	1.7	
			Boude	1.3	
			Bhandare	1.8	
			Panchamane	1	
			Chhahare	1	
3	Mahankalchaur	Sundarijal	Bagmati		
			Nagmati	42	
			Shyalmati		
			Dug well	1	
4	Kirtipur	Doodhpokhari	Doodhpokhari	1.8	
		Shimjhuhaity	Sumpwell	1	
		Lunhkot	Lunhkot	0.3	
6	Tripureswor	Nakhu	Nakhu	2.5	
7	Lalitpur	Pharping	Satmul		
			Sesh Narayan	18	
			Kutorimul		
		Chapagaun	Muldol	1.5	
			Basuki		
			Devki	7	
			Nallu		
	Charghare	1.5			
8	Bhaktapur	Mahadev Khola Bhaktapur	Mahadev Khola	4	
10	Madhyapur Thimi	Manohara Bode	Dug well	5	
	<b>Total</b>			<b>116.4</b>	

**Kathmandu Upatayka Khanepani Limited**  
**Ground Water Production**  
 Bhadra

**Mahankal Chaur Branch**

**5.78 mld**

S.No.	Well No.	Construction Year	Yield (mld)	Bhadra		
				lit/min	mld	Remarks
	Dhobi Khola well field					18
1	DK 1	1984				Assuming 20hrs.
2	DK 2	1984				in operation
3	DK 3	1984	2.8	500	0.54	
4	DK 4	1984	1.3			
5	DK 5	1983	1.8			
	Gokarna Well Field					
6	GK 1	1985	3.2	1200	1.30	
7	GK 2	1985	2.8			Rest
8	GK 3	1984	2.3			Rest
9	GK 4	1984	1.6			
10	GK 5	1984	2.0			
	Manohara Well Field					
11	MH 2	1984	4.0			
12	MH 3	1984	3.6	600	0.65	
13	MH 4	1985	3.5	1200	1.30	
14	MH 5	1985	4.0	1050	1.13	
15	MH 6	1985	4.3			Rest
16	MH 7	1985	2.5			
17	Shanker Park			800	0.86	
<b>Tripureswor System</b>				<b>2.376</b>	<b>mld</b>	
18	Kalimati					
19	Kuleswor			500	0.54	
20	Lagan			500	0.54	
21	Kalanki (Shipradi)	2058/59		300	0.32	
22	Tahachal	2058/59		600	0.65	
23	Tripureswor	2059		300	0.32	
24	Sundarighat (Solar)	1990				

**Maharajgunj Branch**
**11.17 mld**

S.No.	Well No.	Construction Year	Yield (mld)	Bhadra		
				lit/min	mld	Remarks
	Bansbari Well Field					
25	BB 0	1972	1.5	700	0.34	8 hrs./day
26	BB 1	1983	3.4	500	0.24	8 hrs./day
27	BB 2	1984	2	700	0.34	8 hrs./day
28	BB 3	1984	4	650	0.70	
29	BB 4	1985/2004	3.6	500	0.54	
30	BB 5	1985	3.6	900	0.97	
31	BB 6	1984	4.1	450	0.49	
32	BB 7	1985/2004	3.4	800	0.86	
33	BB 8	1984	3.4			Abandoned
34	BB 9					Rest
35	BBWT Plant	2063				Rest
	Mahadev Khola well Field					
36	MK 1			600	0.65	
37	MK 2					
38	MK 3			900	0.97	
39	MK 4			1300	1.40	From 25 <sup>th</sup> Pump fault
40	MK 5					
41	Baniyatar 1	2057/58		400	0.43	
42	Baniyatar 2	2060		due to Silty water		Not in operation
43	Chakra Path	1976		due to Silty water		Not in operation
44	Samudayik (Bus Park)	2062		1000	1.08	
45	Pig forming	2063				New wells to be operated
46	Baluwapati	2062		600	0.65	18 hrs/day
47	Maharajgunj office	2063		700	0.76	18 hrs/day
48	Sangle Khola					Last year complete
49	Ratna Park	2058/59		700	0.76	
<b>Baneshwor</b>				<b>1.51</b>	<b>mld</b>	
50	Sinamangal			600	0.65	
51	Airport	2064		800	0.86	
<b>Chhetrapati</b>				<b>0.38</b>	<b>mld</b>	
51	Sitapaila			350	0.38	
52	Ikhapokhari	2065	1.44	700		Completed in Jestha
53	Dabainchaghat					Completed in Aahadh

<b>Lalitpur</b>				<b>1.51</b>	<b>mld</b>	Remarks
S.No.	Well No.	Construction Year	Yield (mld)	Present Yield		
				lit/min	mld	
53	Pharping 1	1976	1			Rest
54	Pharping 2	1977	1			Rest
55	Jwagal ( Kuondol )	2059		400	0.43	
56	Balkumari	2062		1000	1.08	
<b>Madhyapur Thimi</b>				<b>4.58</b>	<b>mld</b>	
57	BH 1	1984	2.8			
58	BH 2	1976	1.9			Rest
59	BH 3	1985	3.3	900	0.97	
60	BH 4	1985	3.0	900	0.97	
61	Solar	1995				
62	Dug well	2063		1000	1.08	
63	WTP, Bode	2063		1000	1.08	
64	Lokanthali 1			1000	0.48	
65	Lokanthali 2					
66	Jadibudi (JICA well)					
<b>Bhaktapur Branch</b>				<b>0.65</b>	<b>mld</b>	
67	Bansbari			300	0.32	
68	Jagati well			300	0.32	
	<b>Grand total</b>		83.14		<b>27.96</b>	
<b>Kirtipur</b>						
70	Tyangala Phat			150		Recently completed

**Kathmandu Upatyaka Khanepani Limited**  
Water Supply Operation Division  
**Monthly Progress Report (FY 2065/066)**

S.No.	Report on	Shrawan	Bhadra	Total	Remarks
1	Injection Points installed (No.)	1	5	6	
2	Tanker Vehicles for Distribution (No.)	293	386	679	
3	Tanks installed (No.)	0	0	0	
4	Leaks identified (No.)	743	656	1399	
5	Leaks repaired (No.)	630	604	1234	
6	Pipes repaired (meters)	69	513	582	
7	PublicTap installed (No.)	0	0	0	
8	Connection changed (No.)	148	141	289	
9	New consumer connection (No.)	713	655	1368	
10	New Meter Installed (No.)	240	204	444	
11	Water meter repaired (No.)	289	294	583	
12	Bleaching Powder used (Kg)	20589	22889	43478	
13	Alum used(Kg)	12570	12085	24655	
14	PAC used(Kg)	4855	4625	9480	
15	Caustic Soda used (Kg)	550	1650	2200	
16	Lime used (Kg)	0	1500	1500	
17	All Staff (No.)	1044	1046	1046	
18	Technical Staff (No.)	488	490	490	
19	Admin. & Acc. Staff employed; (No.)	556	556	556	

**Note:**

**Leak Repair Activities  
( Branch Wise )**

Bhadra 2065

Branch Office	Leaks identified (No.)	Leaks repaired (No.)	Pipes repaired (meters)	Remark
Madhyapur Thimi	30	39	24	
Bhaktapur	26	26	0	
Kirtipur	12	12	0	
Maharajgunj	178	139	6	
Mahankalchaur	88	88	118	
Tripureswor	48	48	0	
Kamaladi	18	12	9	
Chhetrapati	21	22	348	
Lalitpur	85	178	0	
Baneswor	50	40	8	
Total:	556	604	513	

**Kathmandu Upatyaka Khanepeni Limited**  
**Billing**  
**Shrawon , 2065 (16<sup>th</sup> July to 16<sup>th</sup> August ,2008)**

Branch	Tripureshwar	Chhetrapati	Maharajgunj	Mahankalchour	Baneshwar	Kamaladi	Lalitpur	Kirtipur	Bhaktapur	Thimi	Tanker	Total
	1	2	3	4	5	6	7	8	9	10	11	
<b>Total Water &amp; Sewerage Billing</b>	<b>4,256,505.06</b>	<b>3,050,691.00</b>	<b>6,662,187.36</b>	<b>7,073,100.78</b>	<b>7,050,161.59</b>	<b>2,052,999.65</b>	<b>6,134,598.70</b>	<b>445,527.66</b>	<b>1,052,592.50</b>	<b>750,230.00</b>	<b>1,059,325.50</b>	<b>39,587,919.80</b>
Rebate (-)	52,566.08	34,778.10	79,371.32	145,554.20	146,328.31	32,299.99	261,132.96	10,986.35	15,833.12	13,032.80		791,883.23
<b>Net Water &amp; Sewerage Billing (A)</b>	<b>4,203,938.98</b>	<b>3,015,912.90</b>	<b>6,582,816.04</b>	<b>6,927,546.58</b>	<b>6,903,833.28</b>	<b>2,020,699.66</b>	<b>5,873,465.74</b>	<b>434,541.31</b>	<b>1,036,759.38</b>	<b>737,197.20</b>	<b>1,059,325.50</b>	<b>38,796,036.57</b>
Total Other Income(B)	251,068.26	181,384.61	578,806.80	502,370.01	417,439.22	30,571.63	686,159.78	29,774.49	80,655.43	139,480.50	-	2,921,135.39
<b>Grand Total (A+B)</b>	<b>4,455,007.24</b>	<b>3,197,297.51</b>	<b>7,161,622.84</b>	<b>7,429,916.59</b>	<b>7,321,272.50</b>	<b>2,051,271.29</b>	<b>6,559,625.52</b>	<b>464,315.80</b>	<b>1,117,414.81</b>	<b>876,677.70</b>	<b>1,059,325.50</b>	<b>41,717,171.96</b>

**Cash Collection:**

<b>KUKL</b>	<b>2,252,476.95</b>	<b>1,464,100.73</b>	<b>4,175,538.74</b>	<b>5,567,522.13</b>	<b>5,953,843.13</b>	<b>1,209,722.52</b>	<b>8,692,193.93</b>	<b>496,828.49</b>	<b>723,379.48</b>	<b>724,043.43</b>	<b>564,535.50</b>
<b>Board</b>	<b>505,469.73</b>	<b>39,260.25</b>	<b>889,598.60</b>	<b>937,065.44</b>	<b>110,131.43</b>	<b>241,294.97</b>	<b>353,961.68</b>	<b>18,508.53</b>	<b>108,447.89</b>	<b>8,745.15</b>	<b>16,930.00</b>
<b>Total</b>	<b>2,757,946.68</b>	<b>1,503,360.98</b>	<b>5,065,137.34</b>	<b>6,504,587.57</b>	<b>6,063,974.56</b>	<b>1,451,017.49</b>	<b>9,046,155.61</b>	<b>515,337.02</b>	<b>831,827.37</b>	<b>732,788.58</b>	<b>581,465.50</b>
<b>Collection %</b>	<b>50.56</b>	<b>45.79</b>	<b>58.30</b>	<b>74.93</b>	<b>81.32</b>	<b>58.97</b>	<b>132.51</b>	<b>107.00</b>	<b>64.74</b>	<b>82.59</b>	<b>53.29</b>
Penalty(Board)	161283.01	13031.75	287413.56	325664.97	33831.76	93598.54	107244.43	5352.25	36555.97	2075.05	

**Cash Collection:**

<b>KUKL</b>	<b>2,252,476.95</b>	<b>1,464,100.73</b>	<b>4,175,538.74</b>	<b>5,567,522.13</b>	<b>5,953,843.13</b>	<b>1,209,722.52</b>	<b>8,692,193.93</b>	<b>496,828.49</b>	<b>723,379.48</b>	<b>724,043.43</b>	<b>564,535.50</b>
<b>Board</b>	<b>505,469.73</b>	<b>39,260.25</b>	<b>889,598.60</b>	<b>937,065.44</b>	<b>110,131.43</b>	<b>241,294.97</b>	<b>353,961.68</b>	<b>18,508.53</b>	<b>108,447.89</b>	<b>8,745.15</b>	<b>16,930.00</b>
<b>Total</b>	<b>2,757,946.68</b>	<b>1,503,360.98</b>	<b>5,065,137.34</b>	<b>6,504,587.57</b>	<b>6,063,974.56</b>	<b>1,451,017.49</b>	<b>9,046,155.61</b>	<b>515,337.02</b>	<b>831,827.37</b>	<b>732,788.58</b>	<b>581,465.50</b>
<b>Collection %</b>	<b>50.56</b>	<b>45.79</b>	<b>58.30</b>	<b>74.93</b>	<b>81.32</b>	<b>58.97</b>	<b>132.51</b>	<b>107.00</b>	<b>64.74</b>	<b>82.59</b>	<b>53.29</b>
Penalty(Board)	161283.01	13031.75	287413.56	325664.97	33831.76	93598.54	107244.43	5352.25	36555.97	2075.05	

## Tanker Supply

Bhadra 2065

S.No.	Particulars	Shrawan	Bhadra	Total	Remark
1	Total Number of Trips (no.)	1,428	1,641	3,069	
2	Number of Public trip (no.)	704	742	1,446	
3	Total Billing of Public trip (Rs.)	684,360	788,030	1,472,390	
4	Number of Private trips (no)	724	849	1,573	
5	Total Billing of private trip (Rs.)	802,360	903,580	1,705,940	
6	Billing of others income (Rs.)	256,726	291,203	547,929	
7	Total billing without public trips (Rs.)	1,059,086	1,194,783	2,253,869	
8	Cash income (Rs.)	581,466	963,181	1,544,647	
9	Total billing with Private and public (Rs.)	1,743,445	1,982,813	3,726,258	
10	Collection Ratio	3.00	2.06	2.41	

**New Connections and Connection point Change**  
**( Branch Wise )**

Bhadra 2065

Branch Office	Connection Point changed (No.)	New consumer connection (No.)	Remark
Madhyapur Thimi	2	33	
Bhaktapur	1	17	
Kirtipur	0	21	
Maharajgunj	29	123	
Mahankalchaur	24	155	
Tripureswor	8	55	
Kamaladi	2	1	
Chhetrapati	50	43	
Lalitpur	7	161	
Baneswor	18	67	
Total:	141	676	

**Meter Installation and Repair  
( Branch Wise )**

Bhadra 2065

Branch Office	New Meter Installed (No.)	Metered Repaired (No)	Remark
Madhyapur Thimi	0	43	
Bhaktapur	1	4	
Kirtipur	0	6	
Maharajgunj	79	47	
Mahankalchaur	77	46	
Tripureswor	2	37	
Kamaladi	12	17	
Chhetrapati	33	30	
Lalitpur	0	64	
Baneswor	0	0	
Total:	204	294	

## Personnel Data

Bhadra 2065

Branch Office	Total Staff (No)	Total Technical Staff (No.)	Total Administrative Staff (No)	Remarks
Madhyapur Thimi	64	22	42	
Bhaktapur	64	9	55	
Kirtipur	61	38	23	
Maharajgunj	178	53	125	
Mahankalchaur	183	128	55	
Tripureswor	105	62	43	
Kamaladi	28	8	20	
Chhetrapati	55	20	35	
Lalitpur	206	108	98	
Baneswor	102	42	60	
Total:	1046	490	556	