

# Kathmandu Upatyaka Khanepani Limited



**Quarterly Operating Report**  
**Second quarterly report 2065/065**  
**1 Kartik–29 Paush 2065**  
**(17 October- 13 January)**

**Kathmandu**  
**Nepal**

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## CONTENTS

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Introduction .....	1
The Service Standards General Provision .....	1
Description of Service Area and Services.....	2
Tariff Structure .....	2
Service Standards Required.....	2
Water Quality Standards .....	3
Capital Investment and Asset Management .....	5
Service System .....	6
Branch Report 16 October to13 January 2009 .....	8
Number of connections .....	12 <b>Error! Bookmark not defined.</b>
Water Quality Unit / Central Laboratory .....	13
Tanker Unit.....	16
PMU Reports.....	17
On-going projects .....	18
Trainings .....	18
KUKL Central Procurement.....	19
Sewarage Department.....	20
Human Resources.....	20
Reports from General Administration.....	21
Financial status .....	<b>Error! Bookmark not defined.</b>

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## INTRODUCTION

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Kathmandu Upatyaka Khanepani Limited (KUKL), a public limited company was established in 2007 under the “Company’s Act” under a Public Private Partnership (PPP) model. The current shareholders of KUKL are the Government of Nepal (GON), Municipalities within the Kathmandu Valley (Kathmandu Metropolis and Lalitpur Sub-metropolis), Federation of Nepalese Chamber of Commerce and Industries (FNCCI)/Nepal Chamber of Commerce (NCC) and the Employees Trust. The Board of Directors of the Company consists of seven members including three independent Board Members.

A thirty-year license was granted to KUKL on 1 Falgun 2064 (13 February 2008) by the Kathmandu Valley Water Supply Management Board (KVWSMB) for operating the water supply and sanitation services in the service areas within Kathmandu Valley. KUKL took over responsibilities to operate the water supply and sanitation services under this license and a lease agreement for the same period (between KVWSMB and KUKL) on 13 Feb 2008. Three managers, General Manager, Administrative/Finance Manager and Technical Manager, were appointed on contract between March-April 2008 and are supported by three deputy managers and staff deputed from KVWSMB.

This second **Quarterly Operation Report for FY 2065/66 (2008/2009)** covering the second quarter period of 1 Kartik to 29 Paush 2065 (17 October-13 January) gives the details of the performance of KUKL with respect to the service standard described in the Service Standard Appendix of the License.

### ***The Service Standards General Provision***

The Service Standards Appendix consists of:

- The Service Standards General Provisions;
- The Service Standards Appendix Charts; and
- Attachment 1 to the Service Standards Appendix

The General Provision defined in the Terms of Operation of Services, are as per the following appendices included in the License.

- a) Appendix “1” – Description of the Service Area (the “Service Area Appendix”).
- b) Appendix “2” – Description of the Services (the “Services Appendix”).
- c) Appendix “3” – Description of the Service Standards required (the “Service Standards Appendix”).
- d) Appendix “4” – Description of the Capital Investment and Asset Management requirements (the “Capital Investment and Asset Management Appendix”).
- e) Appendix “5” – Provisions concerning the Tariff for future years (the “Tariff Appendix”).

- f) Appendix “6” – Provisions concerning the Arbitration (the “Arbitration Appendix”).

### **Description of Service Area and Services**

There has been no change in the service area and services provided by KUKL during the reporting period.

### **Tariff Structure**

The current tariff structure has been in effect from 17 September 2004. KUKL has prepared a proposal for tariff revision based on inflation. These proposals have been significantly amended by the Tariff Fixation Commissions and the issue remained unsolved.

## **SERVICE STANDARDS REQUIRED**

The summary of the performance achieved and assessment of standards are presented in the following table.

	<b>Performance Standard</b>	<b>Performance by the Operator</b>
<b>Ensure the availability of water supply</b>		
1	By the <u>beginning of the fourth year after the Start Date</u> , no less than 1 hour per day of water supplied at minimum 4 meter head for at least 90% of all connections	Not yet due
2	By the <u>beginning of the sixth year after the Start Date</u> , no less than 2 hours per day of water supplied at minimum 4 meter head for at least 90% of all connections	Not yet due
3	By the <u>beginning of the second year after the commissioning of Melamchi Project</u> , no less than 8 hours per day of water to be supplied at minimum 10 m head for at least 75% of all connections	Not yet due
4	By the <u>beginning of the fourth year after the commissioning of Melamchi Project</u> , no less than 8 hours per day of water to be supplied at minimum 10 m head for at least 95 % of all connections	Not yet due
<b>Ensure water quality in the distribution system</b>		
5	By the <u>beginning of the fifth year after the Start Date</u> , no less than 80% of water samples tested in a Calculation Period shall comply with the Water Quality Standards	Not yet due
6	By the <u>beginning of the second year after the commissioning of Melamchi Project</u> , no less than 95% of water samples tested shall comply with the Water Quality Standards	Not yet due

	Performance Standard	Performance by the Operator
<b>Ensure water quality at each water treatment facility</b>		
7	From the <u>beginning of 2nd year after the Start Date</u> , compliance with the provisions of Attachment 1 to the Service Standards Appendix concerning the quality of treated water introduced into the treated water distribution network	Not yet due <sup>1</sup>
<b>Operation of wastewater treatment plants</b>		
8	By the <u>beginning of the sixth year after the Start Date</u> , all existing Wastewater Treatment Plants to be functional and wastewater to be diverted to Wastewater Treatment Plants to run each plant at least 90% of its hydraulic capacity	Not yet due <sup>2</sup>
<b>Wastewater Services</b>		
9	By the <u>beginning of the fifth year after the commissioning of Melamchi Project</u> , waste water services in the form of sewer or on site sanitation should be made accessible to 90% of the population in the service area	Not yet due

## WATER QUALITY STANDARDS

The water quality standards applicable under the License are as set out as the “Water Quality Standards”. WHO water quality standards are adopted for Nepal but national water quality standards supersede the WHO standard, where available.

KUKL has started to carry out testing of raw water sources in accordance with the following minimum requirements.

No	Activities as per license	Frequency	Remarks
1	<b>Raw water control</b> <b>Treated water control</b> For Chemical Water Quality Standards	All sources before & after wet seasons 2 x year	Carried out for major sources and plants Some of the testing will be out-sourced while the capacity of the Water Quality Unit is being strengthened
2	<b>Water treatment &amp; sources supplying direct into the networks</b> - residual chlorine	1 x daily	Analyses and recordings are being done at the major treatment plants: Bode, Mahankhal Chaur and Bansbari

<sup>1</sup> Currently accomplishable for the three biggest treatment plants (Baude, Mahankalchaur, Bansbari). Substantial investment will be required to meet the requirements at the small plants.

<sup>2</sup> ADB assisted consultants and Project Preparation Technical Assistance will assist KUKL in identifying investment needs to achieve this target

No	Activities as per license	Frequency	Remarks
	<ul style="list-style-type: none"> <li>- turbidity</li> <li>- iron</li> <li>- color</li> </ul> <p><b>Where aluminum coagulants are used in the treatment process.</b> Treated water to be tested on</p> <ul style="list-style-type: none"> <li>- pH</li> <li>- Aluminum</li> </ul>		Though it is currently not done at smaller treatment plants, sources and tube wells supplying directly into the networks due to lack of facilities, it is planned that chlorine testing will be done at site and other parameters will tested as permitted by resources by the central lab until on-site facilities are available.
3	<p><b>Bacteriological test</b></p> <ul style="list-style-type: none"> <li>- treatment works</li> <li>- Raw water sources</li> </ul>	Daily monthly	Analyses and recording are being done at the major treatment plants Baude, Mahankhal Chaur and Bansbari
5	<p><b>Distribution Network Random test</b></p> <p>Sampling methods, location in accordance with WHO Guidelines and to be agreed in advance with KVWSMB</p>	25 locations x daily	Being carried out (see Appendix 1)
6	<p><b>Samples on request of KVWSMB</b> and to be provided within 4 h to KVWSMB</p>	On request	Being carried out
7	<p><b>To notify the KUKL Management</b> of failures to meet water quality standards to report to KVWSMB</p>		Being carried out

## CAPITAL INVESTMENT AND ASSET MANAGEMENT

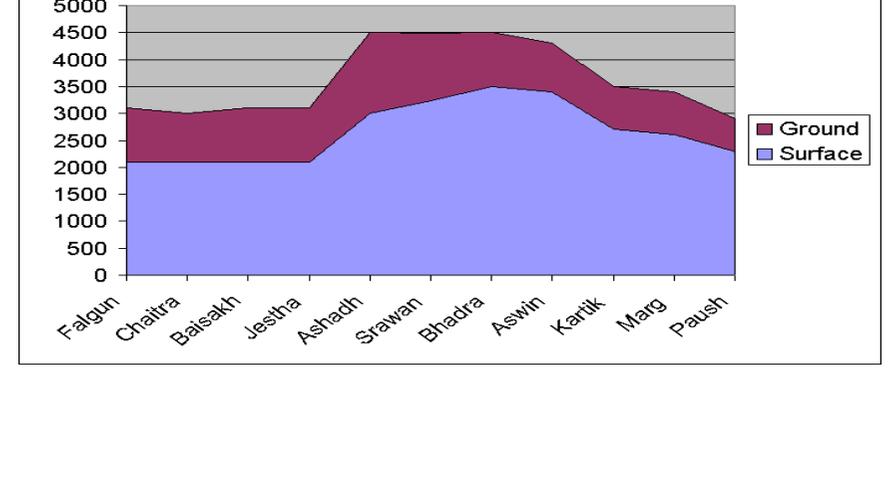
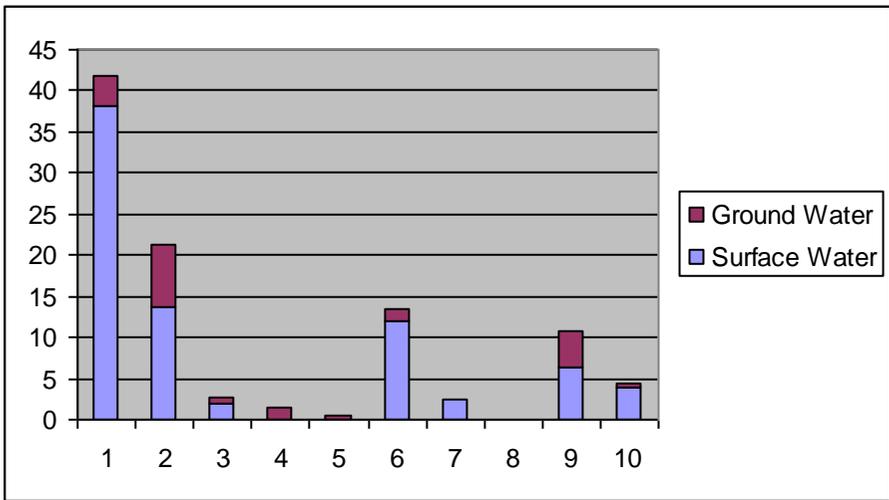
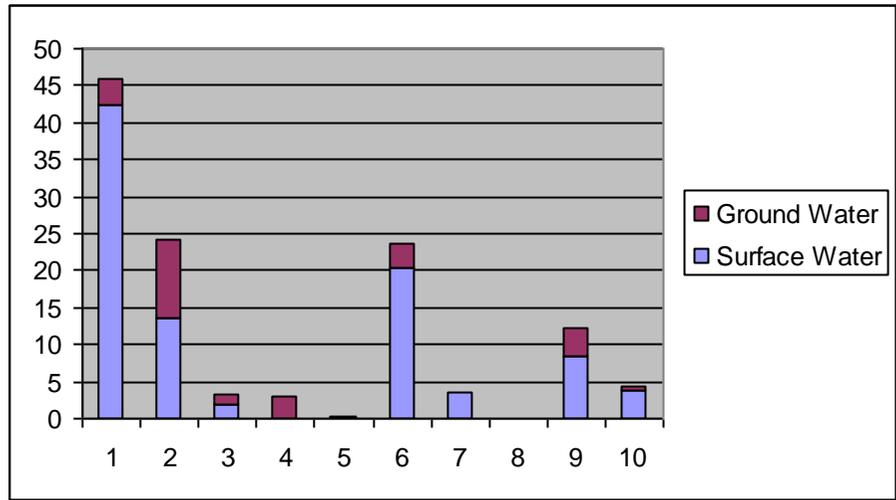
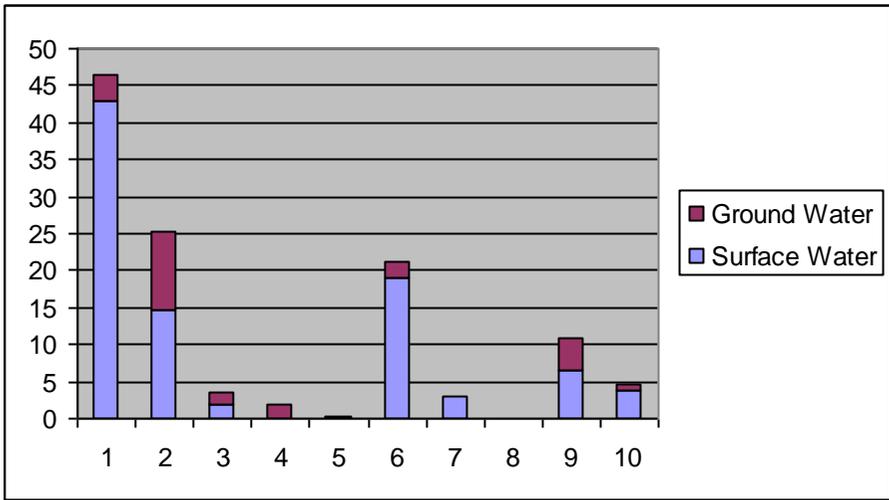
ADB assisted short term consultants and PPTA are assisting KUKL in preparing a detailed Capital Investment and Management Plan (CIAMP) which will be submitted to KVMSMB after 18 months of the start date as per the license requirement. Currently, the following activities that are identified as measures to improve immediate rehabilitation and improvement of the system are being undertaken.

	Description	Progress
1	Implement distribution network improvements covering an area in the south of ward 10 and ward 34 in the Kathmandu Municipality. (Demonstration Area)	As pilot area Ward 34 in Baneswor area has been identified for the first implementation. Tender documents have being reviewed and amended. A short term expert on Demonstration area is appointed
2	Implement a programme of bulk metering of all water sources water treatment works and service reservoirs.	Bulk water meters for all production (sources) facilities (I Priority) have being identified and specified and are under tendering process. Bulk water meters for treatment plant and service reservoir will be identified by the Consultant.
3	Enable the Operator to replace undersized mains, mains identified for urgent replacement, and other urgent works.	Two immediate work packages have been identified for which detailed design, cost estimation and tender doc prep has been completed. Similarly, a program for undersized mains (Spaghetti lines) will be identified by a short term expert. Recruitment is in Process.
4	Provide materials and equipment to the Operator for works to reduce unaccounted for water reduction.	Materials and equipment for reduction of UfW have being identified, specified and under tender process. A strategy for reduction of UfW has being developed by KUKL and is under implementation.

## SERVICE SYSTEM

### Water Production Report (Estimate)

<b>Kartik 2065 (October- November 2008)</b>											
Branch	Mahankal Chaur	Maharaj-guni	Tripuresh-wor	Banes-wor	Chhetra-pati	Lalitpur	Kirtipur	Kamaladi	Madhaya-pur Thimi	Bhaktapur	Total
Surface Water	43.0	14.7	2.0	0.0	0.0	19.0	3.0	0.0	6.4	3.9	91.9
Ground Water	3.4	10.6	1.6	2.0	0.4	2.1	0.0	0.0	4.4	0.6	25.2
Total [mld]	46.4	25.3	3.6	2.0	0.4	21.1	3.0	0.0	10.8	4.5	117.1
<b>Magsir 2065 (November- December2008)</b>											
Surface Water	42.4	13.7	1.8	0.0	0.0	20.4	3.5	0.0	8.4	3.8	93.8
Ground Water	3.6	10.5	1.5	3.0	0.4	3.2	0.0	0.0	3.8	0.6	26.6
Total [mld]	46.0	24.2	3.2	3.0	0.4	23.6	3.5	0.0	12.2	4.4	120.4
<b>Paush 2065 (December- January2009)</b>											
Surface Water	38.22	13.67	1.9	0.0	0.0	11.95	2.44	0.0	6.48	4.0	78.66
Ground Water	3.62	7.72	0.696	1.5	0.4	1.55	0.0	0.0	4.38	0.3	20.166
Total [mld]	1255.4	636.75	77.88	45	12	405	73.2	0.0	325.8	129.0	98.826



A month-wise summary is presented below:

2065/66 (2008/09)	Oct /Nov	Nov / Dec	Dec / Jan
	Kartik (30 days)	Marg (30 days)	Paush (29 days)
Surface Water (ml/month)	2757.0	2814	2281
Ground Water (ml/month)	756	798	585
Total (ml/month)	3513	3612	2866
m <sup>3</sup> /month/conection(	21.349	21.95	17.41
m <sup>3</sup> /day/connection	0.71	0.73	0.6

**Branch Report (17 October- 13 January)**

S. N	Branch	Injection Points	No. of Tanker	Tanker per Day	No. Tanks	No. of Leaks	Pipe	No. of new Tap	Connection	New meter	Meter
		installed	distributed	average	installed	repaired	repaired	installed	Changed	installed	repaired
1	Mahankal Chaur	0.0	344	11.46	0.0	493	3.0	209	109	360	177
2	Maharajguni	0.0	0.0	0.0	0.0	598	8	140	35	323	188
3	Baneswor	0	0	0	0	462	65	179	26	238	156
4	Kamaladi	1	59	1.96	0	35	0	17	19	43	45
5	Chhetrapati	5	261	8.7	0	70	90	47	27	134	102
6	Tripureswor	0	587	19.56	0	131	0	85	8	210	296
7	Bhaktapur	5	76	2.53	0	146	0	55	10	150	75
8	Madhayapur Thimi	1	22	0.73	0	66	378	68	74	174	64
9	Lalitpur	5	66	2.2	0	229	18	15	1	278	130
10	Kirtipur	3	237	7.9	0	198	0	5	1	83	10
	<b>Total</b>	<b>20</b>	<b>1652</b>	<b>55.04</b>	<b>0</b>	<b>2428</b>	<b>562</b>	<b>820</b>	<b>310</b>	<b>1993</b>	<b>1243</b>

Kartik 2065 (Oct / Nov 2008)

31 days

Branch	Injection Points installed [No]	Tanker Vehicles for distribution [No]	Tanks installed [No]	Leaks repaired [No]	Pipe repaired [m]	Connection Changed [No]	New Consumer connection [No]	New meter installed [No]	Meter repaired [No]
Mahankal Chaur	0	168	0	75	0	83	26	83	69
Maharajguni	0	0	0	168	8	0	21	81	44
Baneswor	0	0	0	110	15	0	20	60	28
Kamaladi	0	18	0	15	0	0	2	5	12
Chhetrapati	0	89	0	39	0	0	26	35	52
Tripureshwor	0	167	0	30	0	0	12	30	107
0	10	26	0	17	0				24
0	0	49	0	21	18				7
0	5	149	0	137	18				0
Kirtipur	0	69	0	21	0	0	1	67	0
<b>TOTAL</b>	2	561	0	633	59	83	123	585	333
<b>Per Day</b>		19	0	21	2	3	4	20	11

Marg 2065 (November/December 2008)

30 Day

Branch	Injection Points installed [No]	Tanker Vehicles for distribution [No]	Tanks installed [No]	Leaks identified [No]	Leaks repaired [No]	Pipe repaired [m]	Connecti on Changed [No]	New Consumer connection [No]	New meter installed [No]	Meter repaired [No]
Mahankal Chaur	0	176	0	212	212	3	0	28	161	95
Maharajguni	0	na	0	162	124	0	0	15	141	99
Baneswor	0	0	0	205	202	20	0	23	101	81
Kamaladi	0	19	0	9	9	0	0	8	4	15
Chhetrapati	1	73	0	22	17	30	0	21	37	49
Tripureswor	0	200	0	53	53	0	0	15	60	151
Bhaktapur	5	31	0	38	38	0	0	8	98	46
Madhayapur Thimi	0	4	0	20	20	212	70	4	50	25
Lalitpur	3	26	0	57	72	0	0	10	126	120
Kirtipur	1	65	0	15	15	0	0	5	13	0
<b>TOTAL</b>	10	594	0	793	762	265	70	137	791	681
<b>Per Day</b>		20	0	26	25	9	2	5	26	23

Paush 2065 (December/January 2009)

30 Day

Branch	Injection Points installed [No]	Tanker Vehicles for distribution [No]	Tanks installed [No]	Leaks identified [No]	Leaks repaired [No]	Pipe repaired [m]	Connection Changed [No]	New Consumer connection [No]	New meter installed [No]	Meter repaired [No]
Mahankal Chaur	na	na	na	206	206	0	26	155	116	23
Maharajguni	0	na	0	212	172	0	35	105	101	45
Baneswor	0	0	0	155	150	30	26	136	77	47
Kamaladi	1	22	0	15	11	0	19	7	34	18
Chhetrapati	4	99	0	16	14	60	27	0	62	1
Tripureswor	0	220	0	48	48	0	8	58	119	38
Bhaktapur	0	13	0	41	41	0	10	37	26	5
Madhayapur Thimi	1	14	0	29	29	148	4	64	75	32
Lalitpur	2	26	0	118	121	140	9	48	150	68
Kirtipur	2	103	0	20	20	0	1	0	3	10
<b>TOTAL</b>	10	497	0	844	812	378.0	164	605	763	287
<b>Per Day</b>		16.56	0	28.13	27.06	12.6	5.46	20.16	25.43	9.56

### Summary of Activities

S.N.	Report on	Kartik	Mangsir	Paush	Total
1	Injection Points installed (No.)	2	10	10	22
2	Tanker Vehicles for Distribution (No.)	497	594	497	1578
3	Tanks installed (No.)	0	0	0	0
4	Leaks identified (No.)	633	793	844	2270
5	Leaks repaired (No.)	633	762	812	2207
6	Pipes repaired (meters)	0	3	0	3
	PublicTap installed (No.)	0	0	0	0
8	Connection changed (No.)	83	70	164	317
9	New consumer connection (No.)	123	137	155	415
10	New Meter Installed (No.)	585	791	783	2159
11	Water meter repaired (No.)	333	681	287	1301
12	Bleaching Powder used (Kg)	18715	16334	15487	50536
13	Alum used(Kg)	240	3096	4427	7763
14	PAC used(Kg)	4400	4500	4350	13250
15	Caustic Soda used (Kg)	1150	650	750	2550
16	Lime used (Kg)	400	100	0	500
17	All Staff (No.)	1218	1215	1220	
18	Technical Staff (No.)	553	552	553	
19	Admin. & Acc. Staff employed; (No.)	665	663	667	

### NO of Connections Month up to Paush

S. No.	Branch	Govt connection Metered	Private connection Metered	Govt. connection unmetered	Private Connection unmetered	Stand-post	Total
1	Tripureswar	187	16413	114	2460	137	19311
2	Chetrapati	42	11374	9	1464	180	13069
3	Maharajganj	50	23615	51	2027	173	25916
4	Mahankalchaur	73	20418	45	4550	137	25223
5	Baneswar	96	21685	17	1181	32	23011
6	Kamaladi	145	5344	30	221	20	5760
7	Lalitpur		28798	32	4217	314	33361
8	Bhaktapur	28	7506	11	457	203	8205
9	Thimi	18	5142	6			5166
10	Kirtipur	10	5431		86		5527
<b>Total</b>		<b>649</b>	<b>145726</b>	<b>315</b>	<b>16663</b>	<b>1196</b>	<b>164549</b>

### Water Quality Unit/Central Laboratory

A monitoring program was formulated by the Water Quality Unit and the Plan has been implemented from May 2008. The Unit is presently focusing on the control of free residual chlorine, iron and ammonium.

The Water Quality Unit carried out free residual chlorine tests of the distribution network of different branches. A summary for the months of Kartik to Paush is presented below.

#### Free Residual Chlorine in Distribution Network:

Month :Kartik -Paush (17 October- 13 January)				
No	Branch	Total No of samples	No. of Tests failed	Remarks
1	Mahakal Chour	491	8	
2	Maharajguni	357	2	
3	Baneswor	175	102	
4	Kamaladi	161	77	
5	Chhetrapati	245	71	
6	Tripureshwor	453	170	
7	Bhaktapur	59	7	
8	Madhayapur Thimi	206	13	
9	Lalitpur	252	54	
10	Kirtipur	179	6	
		<b>2578</b>	<b>606</b>	

## WATER QUALITY TESTS

month of Kartik

SN	Branch	Residual Chlorine		No. of Samples	Other Analysis							
		No of samples (tests)			Turbidity [5NTU, 1NTU (TS)]		Iron (mg/l)		Color	pH	Ammonia/ Ammonium [1.5 mg/l]	
		Samples Tested	No. of tests Failed (Residual Chlorine <0.1)		<5	>5	<0.3	>0.3	< 15 true color units	6.5 - 8.5	<1.5	>1.5
1	Mahankal Chaur	150	2	10	10	0	10	0	10	10	10	0
2	Maharjunj	190	0	26	18	8	18	8	26	26	21	5
3	Baneswor	46	46	45	42	3	42	3	43	45	39	6
4	Kamaladi	24	3	0	0	0	0	0	0	0	-	-
5	Chhetrapati	104	46	5	3	3	3	2	4	4	3	2
6	Tripureswor	139	66	88	43	43	43	45	83	83	35	52
7	Bhaktapur	9	2	2	9	9	9	0	9	9	9	0
8	Madhyapur Thimi	87	2	2	12	12	12	5	17	17	13	4
9	Lalitpur	47	19	19	38	38	38	6	44	44	38	6
10	Kirtipur	66	11	11	77	77	77	2	74	74	74	0
<b>Total</b>		<b>862</b>	<b>198</b>	<b>318</b>	<b>252</b>	<b>193</b>	<b>252</b>	<b>71</b>	<b>310</b>	<b>318</b>	<b>242</b>	<b>76</b>

month of Marg

SN	Branch	Residual Chlorine		Other Analysis								
		No of samples (tests)		No. of Samples	Turbidity [5NTU, 1NTU (TS)]		Iron (mg/l)		Color	pH	Ammonia/ Ammonium [1.5 mg/l]	
		Samples Tested	No. of tests Failed (Residual Chlorine <0.1)		<5	>5	<0.3	>0.3	< 15 true color units	6.5 - 8.5	<1.5	>1.5
1	Mahankal Chaur	195	5	10	10	0	10	0	10	10	10	0
2	Maharjgunj	103	1	217	207	10	215	2	217	217	215	2
3	Baneswor	69	47	62	55	7	55	7	62	62	56	6
4	Kamaladi	56	5	66	63	3	63	3	66	66	63	3
5	Chhetrapati	124	17	4	0	4	0	4	4	4	0	4
6	Tripureswor	154	47	77	30	47	30	47	77	77	29	48
7	Bhaktapur	39	1	3	3	0	3	0	3	3	3	0
8	Madhyapur Thimi	93	5	3	0	3	0	3	3	3	0	3
9	Lalitpur	93	52	144	130	14	130	14	144	144	132	12
10	Kirtipur	55	14	61	61	0	61	0	61	61	61	0
	<b>Total</b>	<b>981</b>	<b>194</b>	<b>647</b>	<b>559</b>	<b>88</b>	<b>567</b>	<b>80</b>	<b>647</b>	<b>647</b>	<b>569</b>	<b>78</b>

Month of Paush

SN	Branch	Residual Chlorine		No. of Samples	Other Analysis							
		No of samples (tests)			Turbidity [5NTU, 1NTU (TS)]		Iron (mg/l)		Color	Ammonia / Ammonium [1.5 mg/l]		
		Samples Tested	No. of tests Failed (Residual Chlorine <0.1)		<5	>5	<0.3	>0.3	< 15 true color units	pH 6.5 - 8.5	<1.5	>1.5
1	Mahankal Chaur	146	146	16	15	1	15	1	16	16	16	0
2	Maharjgunj	64	63	22	21	1	21	1	22	22	22	0
3	Baneswor	60	51	56	50	6	50	6	56	56	49	7
4	Kamaladi	81	12	106	104	2	14	2	106	106	103	3
5	Chhetrapati	17	9	4	3	1	3	1	4	4	0	4
6	Tripureswor	160	103	88	52	36	52	36	88	88	36	52
7	Bhaktapur	11	7	11	9	2	9	2	11	11	9	2
8	Madhyapur Thimi	16	10	16	11	5	11	5	16	16	12	4
9	Lalitpur	122	68	133	110	23	110	23	126	126	111	
10	Kirtipur	58	52	58	58	0	58	0	58	58	58	
<b>Total</b>		<b>735</b>	<b>521</b>	<b>510</b>	<b>433</b>	<b>77</b>	<b>343</b>	<b>77</b>	<b>503</b>	<b>503</b>	<b>358</b>	<b>94</b>

During the reporting period, total chlorine and bacteriological tests carried out are as follows:

<b>Analyses/Test</b>	<b>Total Number of Test</b>	<b>confirmation of Total Chlorine [traces &amp; &gt; 0,1]</b>	<b>No Chlorine Detection</b>
<b>Residual Chlorine</b>	<b>2578</b>	<b>1972(76.49%)</b>	<b>606 ( 23.51)</b>
<b>Remarks:</b>	From 1 Kartik to 29 Paush 2065 on average 29 Samples were taken per day.		
<b>Analyses/Test</b>	<b>Total Number of Test</b>	<b>Confirmation of non Coli forms [Nil]</b>	<b>Coli forms Detected</b>
<b>Coli forms [100ml]</b>	<b>142</b>	<b>79 (55.63 )</b>	<b>63 ( 44.37 )</b>
<b>Remarks:</b>	From 1 Kartik to 29 Paush 2065 on average 2 samples were taken per day...		

## Tanker Unit

The Tanker Unit will receive some 10 new Tankers under the ADB funding. Plans will be worked out (Tanker Plan) to improve the performance of the Unit.

The tanker operations during the reporting period are as follows:

### TANKER SUPPLY

S.N.	Particulars	Kartik	Mangsir	Paush	Total
1	Total Number of Trips (no.)	<b>1628</b>	<b>1764</b>	<b>2048</b>	<b>5440</b>
2	Number of Public trip (no.)	791	804	865	2460
3	Total Billing of Public trip (Rs.)	805630.00	814190.00	908690.00	2528510.00
4	Number of Private trips (no)	837	960	1183	2980
5	Total Billing of private trip (Rs.)	901193.00	1029240.00	1274590.00	3205023.00
6	Billing of others income (Rs.)	30452.50	341051.50	276968.00	648472.00
7	Total billing without public trips (Rs.)	1205714.50	1370291.50	1551558.00	4127564.00
8	Cash income (Rs.)	2550124.50	1761591.00	1436418.85	5748134.35
9	Total billing with Private and public (Rs.)	2011344.5	2784481.00	2460248.00	72560073.5
10	Collection Ratio	212%	129%	58%	

### Branch-wise Public Distribution

SN	Branches	Inject	Tanks	Distribution	Total
1	Baneswor	52	277	47	<b>376</b>
2	Bhaktapur	4	63	10	<b>77</b>
3	Chhetrapati	158	63	41	<b>262</b>
4	Jawalakhel	30	58	10	<b>98</b>
5	Kamaladi	4	36	1	<b>41</b>
6	Kirtipur	0	240	9	<b>249</b>
7	Mahankal Chaur	199	87	208	<b>494</b>
8	Maharajgunj	33	63	37	<b>133</b>
9	Tripureswor	141	177	175	<b>493</b>

10	Thimi	5	3	15	23
11	LICSU		118		118
	Total	626	1185	553	2364

### Procurement under Project Management Unit (PMU)

Project cod No.	Description of activities	Process	Evaluation
01	Procurement of water meter	Tender opened on Dec 2008	Complete
02	Procurement of pipes & fittings	Tender opened on Dec 10,2008	Complete
03	Procurement of tools & Equipments	Tender opened on Dec 10,2008	Complete
06	Procurement of water Tankers	Tender opened on Jan 6, 2009	Ongoing
07	Demo project	Tender document	Under preparation
08	Hiring of Construction supervision consultant	Hire process	Under preparation
09	Procurement of Bulk Water Meters	Ready for re-Tendering	ongoing
10	Immediate Improvement works package I	Approved by ADB, ready for Tender	
11	Immediate Improvement works package I	For Approval with KVWSMB	
12	Urgent needed Pumping Equipment	For Approval with ADB	

## ON-GOING PROJECTS

	Name of Project	Target	Cost of Project (Rs)
<b>1</b>	<b>Production</b>		
1.1	Kotesworm Tyanglaphat, Sinamangal, Kanya Mandirm Koteswor Tubewell Connection*	4 mld	17,500,000
1.2	Khadga Bhadrakali Water* Supply (Tube well)	1 mld	2,736,000
1.3	Mahankal Water Supply (Tube well)	1 mld	5,213,000
1.4	Muldole Water Supply (Tube well)	1 mld	4,000,000
1.5	Sangle Khola Water Supply (Tube well)	1 mld	2,100,000
<b>2</b>	<b>Distribution Network Extension</b>		
2.1	Omkar Marg Pipeline*	700 m	2,096,000
2.2	Gywalinda Water Supply	2,898 m	4,160,000
2.3	Dhumbarahi Water Supply	1,638 m	4,810,000
2.4	Kirtipur Pipeline	588 m	742,000
2.5	Kharipati Water Supply	500 m	824,000
2.6	Community Pipeline	25,000 m	2,200,000
<b>3</b>	<b>Sewerage</b>		
3.1	Boharatar Sewerage System	300 m	302,000

Note: \* advanced stage for commissioning

## TRAININGS

The following training was conducted during the reporting period:

S.N.	Trainings	Date	No's of Participants	Remarks
1	Pump operators	Kartik 24 - 29	25	1st group( completed
2	Pump operators	Kartik 24 - Marg 27	134	5 batches (completed)
3	Valve operators	Dec 08 - Jan 09	125	3 days (Completed)

## KUKL CENTRAL PROCUREMENT

KUKL Central Procurement Division has made the following procurement in the month Kartik to Paush 2065 and the procurements under processing are as follows:.

	Description of Goods	Qty	Unit	Estimated Amount (000)	Procurement Action			Suppliers	Delivery Month
					Tender & Receive Offers	Evaluation & Award	Process		
1	G.i pipe & G.I./D.I fittings	197258	M/NO	886			Tender/Delivered	J Mass international Ktm	65/07
2	Sewer jetting hose pipe	300	M	1773			Direct/Delivered	Johnston sweepers , UK	65/07
3	Heavy printer	1	No	297			Direct / Delivered	Mercantile traders, Ktm	65/07
4	Aluminium sulphate	50	M.T.	1300			Direct / Delivered	W.H.O.	65/08
5	Submersible pumps	1	Set	497			Direct / Delivered	New Srestha machinery, Ktm	65 /08
6	Stable Bleaching powder	100 /100	M.T.	2300 /1720	Processing		Direct	W.H.O.	
7	Ductile iron fittings	1073	Nos	6300	Receive offer	Processing			9 May 09
8	Water testing equipments/ test kits& chemicals	L.S.	L.S.	912	Receive offer	Processing			9 March 09
9	Submersible pumps	1	set	497		Processing	Direct	New Srestha machinery, Ktm	
10	Water revenue meters	10000	M.T.	18000	Tendering		Tender		9 June 09
11	Revenue receipt printing	10000	Pad	65	Receive offer		Sealed quotation	Suprabha prakasan	9 Jan 09
	Total Ammount			34547					

## SEWERAGE DEPARTMENT (17 OCTOBER- 13 JANUARY)

S.N.	Description	Unit	Quantity
1	Application for new sewer house connection	No.	25
2	Number of house connection completed	No.	13
3	Complaints on sewer line blockage	No.	227
4	Cleaning of sewer line by jetting machine	No.	221
5	Repair and maintenance of sewer line/man holes	No.	34
6	Laying of new sewer line and manholes	m/No.	0

## HUMAN RESOURCES (TILL JANUARY 13)

No	Branch	All Staff	Technical Staff	Admin. & A/C Staff
1	Head Office (including all other units)	174	65	109
2	Mahankal Chaur Branch	182	127	55
3	Maharajguni Branch	177	54	123
4	Baneswor Branch	100	41	59
5	Kamaladi Branch	28	8	20
6	Chhetrapati Branch	57	21	36
7	Tripureshwor Branch	107	59	48
8	Bhaktapur Branch	64	10	54
9	Madhayapur Thimi Branch	64	21	43
10	Lalitpur Branch	208	110	98
11	Kirtipur Branch	59	37	22
	<b>Branches only</b>	1046	488	558
	<b>Total</b>	1220	553	667

(Includes staff under contract and daily wage basis)

## REPORT FROM GENERAL ADMINISTRATION

For the month of Marg & Paush 2065

S.N.	Description of Vehical Fuel	Unit	Vehicle No Tools/ equipment	Expenditure	Remark
1	Repair of Vehicle		NO/Tools/Equipment		
	(a) Jeep, Tankers, Cars, Pickup etc.	No.	Four Wheelers	61867.5	Repair
	(b) Motor Cycles, Scooters etc	No.	Two Wheelers	88315.06	Repair
2	Fuel Expenses				
	(a) Petrol	Liter		5330	
	(b) Diesel	Liter		1080	
	(c) Mobil	Liter		128	
	(d) Other/Brake Oil	Liter		10	