1. Background Information

The Kathmandu Valley Water Supply Improvement Project (KVWSIP) known as Melamchi Subproject-II has been implemented its program and activities as different components to support ongoing efforts of the Government of Nepal towards improving the water supply services and waste water management system in Kathmandu Valley. The project which is under implementation since September 2012, aims to create an efficient water distribution system by improving the water supply services and situation of Kathmandu Valley. Project Implementation Directorate (PID) under Kathmandu Upatyaka Khanepani Ltd (KUKL) Board has been accomplishing different projects to improve regular water supply and sewerage management in the project area. The project is mainly working in Bulk Distribution System (BDS), Distribution Network Improvement (DNI), District Metering Area (DMA) and Service Reservoir Tank (SRT) and completing previously ongoing projects. The resultant synergy is expected to increase efficiencies, greater improvement in service delivery and higher impact on health outcomes and quality of life for inhabitants of Kathmandu valley.

Preparation, mobilization and construction are the major elements of infrastructure projects and it is only possible when the project beneficiaries, users and community people are aware, active, positive and motivated toward such projects. Nowadays, Community Awareness and Participation as ‘software part’ has been emerging as an important aspect of infrastructural project. So, First time, PID has considered this aspect as a most important component and mobilizing separate institution in the name of Community Awareness and Participation Consultant (CAPC).

CAPC has been mobilizing in this project for awareness creation and participation of project beneficiaries and key stakeholders in the project area under PID/ KVWSIP. Awareness creation and participation through disseminating project intent, impacts, opportunities, benefits and probable risk in construction period are being effective for implementation of project activities. The means of community awareness and participation are consultations meetings, public education programs and school level activities. The additional approach of awareness and participation applied by CAPC are effective mass media, Public Awareness Campaign (PAC), compliance of Gender and Social Inclusion Action Plan (GESI AP) etc through effective community mobilization. The major aim of the CAPC’s efforts is to make people positive and supportive in favour of efficient and effective project implementation to attain ultimate project goal.

Followings are the major objectives of CAPC under this project:

- To prepare community profile for each DNI, DMA and BDS area by organizing socio-economic baseline survey of the project;
- To disseminate information by conducting campaigns and training activities for public awareness building, participation and mobilization focusing on community through ward citizen groups, tolle committees, local club/NGOs, user’s group, women groups, civil society organizations, schools and general public residing in the project area;
- To conduct health and hygiene education program targeting all important stakeholders at all stages of project implementation;
- To promote water conservation measures, individual house connections, good waste management practices and rain water harvesting at community and household levels;
- To implement and conduct the identified activities mentioned in Gender Equality and Social Inclusion (GESI) Action Plan;
- To take required actions for resolution of social issues / disputes.
2. Major Responsibilities of CAPC

3. The Bi-Annual Report

The Bi-Annual report is a compiled document of progress, achievement, lessons with challenges, issues, constraints and probable solutions of last six months and planning for next six months. This Bi-Annual report of CAPC/PID briefs about assigned task of CAPC with anticipated output in the period of July-December, 2015 as well as planning for January-June 2016. This report comply the ToR of CAPC that has to submit required deliverable to PID on agreed time. The deliverables shall be in the form of monthly, quarterly, biannual and annual including project completion reports.

The objectives behind the preparation of this report are;
- To highlight the activities, progress and achievements of the social component of the project,
- To document or record the monthly progress of CAPC, a social consultant of PID,
- To assess the contribution of CAPC.

4. Detail Activities Performed by CAPC

As compliance of the ToR and work schedule, CAPC has carried out various activities in this Bi-Annual period but due to current crisis and unavailability of fuel and construction materials the progress has been slow down on the later months. The major activities include social mobilization for community awareness and participation through informal meetings and field visits including dissemination of project related information through notices, newsletter, interaction, consultation and discussions. The major updated achievements framed under six thematic areas of CAPC are Baseline Information Collection/Survey; Community Awareness, Participation, Mobilization and People’s Education; Gender Equality and Social Inclusion; Health and Hygiene Education; Promotion of Water Conservation Measures, Individual House Connections, Good Waste Management Practices and Rainwater harvesting at Community /Household Level. Details of the major activities performed in this period are presented below under separate headings.

4.1 Baseline Survey

Execution of Baseline Survey is one of the major components that already have been accomplished by CAPC. The major purpose of the baseline survey is to establish benchmark of KUKL water supply services as well as its socio-economic and demographic features. It has been possible by
putting continuous effort on it with professional input and laborious fieldwork by CAPC experts, community mobilisers and enumerators. Total 4941 sample house-buildings were surveyed that have been selected applying systematic sampling method.

The draft final report has been submitted to PID in August 2015 and awaiting feedback and input regarding on the baseline indicators. CAPC is continuously reviewing and verifying the output of baseline report prior to finalize after incorporating such input and feedback by stakeholders, client and development partners. Especially, critical feedback and input from PID is anticipated in this regard. After receiving the input, feedback and suggestions from PID and stakeholders, the report will be critically reviewed and incorporated the relevant feedback and suggestions.

The main purpose of socio-economic baseline study is to establish the baseline database of the KUKL services, and to provide recommendations for future benchmarking system.

The major findings of the baseline survey have been depicted briefly as under;

- Average family size of HH: 5.2
- Average family size of house-building: 9.2
- Women headed household: 30.5%
- 47.5% employed and 2.5% are unemployed (10 years and above population)
- Literacy rate: 94%; Women literacy rate: 90.2%; Men literacy rate: 97.2%
  - HHs with KUKL Connection: 88 %
  - Meter Installed: 96.0%
  - Meter Functioning: 88.3 %
- Quality water distributed by KUKL
  - Good quality : 6 %
  - Satisfactory /Acceptable: 46 %
  - Turbid /foul small/risk of illness: 48%
- Major source of water in use
  - KUKL 35.7 %
  - Jar 19.6%
  - Tanker 14.6 %
  - Well/Kuwa 11.9 %
  - Hand Pump/ Tube well 8.1%
  - Deep Boring 5.7 %
  - Others (public tap, rain water etc.) 4.4 %
- Health and sanitation
  - Individual toilet: 100%
  - Septic tank: 11.5 %
  - Public drain/sewerage: 97.4%
  - Human and other waste collection: 100%

**4.2 Community Awareness, Participation, Mobilization and People’s Education**

As stated in ToR, CAPC is responsible to carry out community mobilization activities in BDS, DNI and other areas of the project. CAPC has been putting its intense efforts to resolve several types of disputes in the BDS area since its mobilization. Further, CAPC has been involving on DNI Packages, Cluster Removal, Demo Project and other small works areas, i.e. Sewerage Treatment Plant (STP).
Despite of severe fuel shortage in nation, some significant activities regarding on community awareness, participation and mobilization has been done in the period of July- December, 2015. Eighteen community meetings, three stakeholder's meeting and some monitoring follow up and observation activities have been accomplished in this period regarding on it.

Apart from this, CAPC is assisting PID to speed up the construction works in BDS and DNI areas. Community meetings and consultations has helped the project to make coordination among different stakeholders as well as community people. It is also helpful to assess the possible grievances/concerns in the field and sought appropriate solutions on those matters. Moreover, some meetings have been conducted to address safeguard issues in each project area.

CAPC has been adopted two different but complementary approaches for community awareness, participation, mobilization and people's education program in the project. These approaches have been applied since the project began. Categorically, the first approach is community meetings and consultations that are generally conducted in community level through TLOs and other formal/informal community institutions/organizations. The second approach is public education school program which are especially conducted in private and public schools of project area. The progress update of CAPC in two approaches are briefed in different sub headings herein under.

4.2.1 Community Meetings
CAPC believes that formal and informal community meetings and interactions program has helped the community people to familiarize about the project activities, to raise awareness in community and to handle project related local issues. In the period of July- December 2015, CAPC has organized eighteen formal community meetings and three meetings with stakeholders at different places. These types of community meetings, consultations and visits are important tools to disseminate relevant message/information and to make harmonized relation with them for the sake of project success.

As a regular task, CAPC is regularly updating all records of community meetings and stakeholder's meeting in separate database systematically. The details of community meetings since the project start up have been updating up to the end of December 2015. The following table and graphical representation depicts the accumulated details of such meetings.

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Places/ Locations of the Meeting</th>
<th>Meeting Agenda</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dalit</td>
</tr>
<tr>
<td>July, 2015</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>PID meeting hall</td>
<td>Construction work at BDS area</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Dhobidhara Youth Club</td>
<td>Quality management issue</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>Martyr school</td>
<td>Information dissemination and quality management issue</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>Ishwor Higher Secondary School</td>
<td>Regarding School Health Education Program at DNI-10</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>Arunodaya Higher Secondary School</td>
<td>Regarding School Health Education Program at DNI-10</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>Batule Chaur Marga</td>
<td>About construction work</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>Koteshwor</td>
<td>Regarding 114 weeks of</td>
<td>0</td>
</tr>
<tr>
<td>S.N.</td>
<td>Places/ Locations of the Meeting</td>
<td>Meeting Agenda</td>
<td>Participants</td>
</tr>
<tr>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dalit</td>
</tr>
<tr>
<td><strong>August, 2015</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Hira Ratna Hall Hadigaun</td>
<td>Bagmati Cleaning Program at Manohara Bridge</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>Suryakot Narephant DNI-9</td>
<td>Information dissemination and quality management issue</td>
<td>0</td>
</tr>
<tr>
<td>10</td>
<td>Ward Office 5 Lagankhel</td>
<td>Information dissemination and quality management issue</td>
<td>0</td>
</tr>
<tr>
<td>11</td>
<td>Narephant</td>
<td>Regarding drain issue in DNI-9</td>
<td>0</td>
</tr>
<tr>
<td>12</td>
<td>Narephant</td>
<td>Regarding Coordination meeting with BDS Contractor and Community people</td>
<td>0</td>
</tr>
<tr>
<td><strong>September, 2015</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Hadigaun</td>
<td>About Pipe laying work</td>
<td>0</td>
</tr>
<tr>
<td>14</td>
<td>Sahid Smarak School</td>
<td>About Pipe laying work</td>
<td>0</td>
</tr>
<tr>
<td>15</td>
<td>Nawasrijana Marga</td>
<td>About Reinstatement</td>
<td>0</td>
</tr>
<tr>
<td><strong>December, 2015</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Rohini Marga, Ward no.10, Ktm.</td>
<td>Verification of pipe laying, sewerage and road reinstatement; demand for house connection etc.</td>
<td>0</td>
</tr>
<tr>
<td>17</td>
<td>Community Building, Koteswor, Mahadevsthan</td>
<td>Appraisal of present work condition, progress, constraints and way out, commitment from contractors, dissemination of message from PID etc.</td>
<td>0</td>
</tr>
<tr>
<td>18</td>
<td>CAPC meeting hall</td>
<td>Appraisal of present work condition, progress, constraints and way out, dissemination of message from CAPC etc.</td>
<td>2</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Table-2: Details of Stakeholders Meetings (July- December, 2015)**

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Places/ Locations of the Meeting</th>
<th>Meeting Agenda</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dalit</td>
</tr>
<tr>
<td><strong>August, 2015</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>ADB, Nepal Resident Mission</td>
<td>Arubari Road Maintenance</td>
<td>1</td>
</tr>
<tr>
<td><strong>September, 2015</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Koteswor site Office</td>
<td>Field observation, sort out problems/ issues at pipe laying sites; coordination</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>CAPC Meeting Hall</td>
<td>Coordination Meeting among Software component consultants under Safeguard Unit/PID</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>
From GESI perspective, among the total 420 participants of community and stakeholders meeting during this six months period, 26% were women. Similarly among the total 420 participants in social inclusion perspective 1.2% was Dalits, 27.4% were Janjati and rest was from other caste/ethnic groups. The scenario of GESI inclusion in the meetings is illustrated by the following graphical presentation.

Some of the community meetings held in this bi-annual period are briefly presented herein under. CAPC organized 1st formal meeting in this six months period at Dhobidhara on 1st July, 2015 which was chaired by Mr. Madhav Dev Panta, Chairman of Dhobidhara Tole Sudhar Samitee. The meeting was organized with the aim of disseminating project information and seeks help of the locals to pursue standard pipe laying work. The community people sought information related of pipe systems, reinstatement work, Pipe laying cost etc. The engineer from DSC-3 answered the public queries and provided the necessary information.

The second formal community meeting was conducted at Martyrs School at Gyaneshwor on 12th July 2015, chaired by Mr. Dal Bdr. Karki, chairperson of TLO DNI-2. Forty community people participated in meeting. Among them, twelve (12) were female and rest were male, which shows encouraging participation of women in the public issues. The main aim of the meeting was also to disseminate project information and maintain the quality of the pipe laying work. As in the previous meetings the community people raised questions related to pipe systems, reinstatement work, and pipe laying cost and about Melamchi-Sub Project- 1. The community people were very enthusiastic about the project and were curious about its activities. The decision of meeting is as following: (i) repairing of the wall of houses, underground utility like sewer, drinking water etc damaged due to excavation of pipe line, (ii) the stone and blocks pavement work to be started within 10-15 days after the completion of pressure test of pipes and agreed that road will be blacktopped after rainy seasons.

Third community meeting was organized in DNI-6 Lagankhel on 26th July, 2015 at ward no. 5. Mr. Rameshwar Thapa chairperson of TLO chaired the meeting. The engineers of PID, CSE from PID, engineers from contractors, chairpersons and other members of Ward Citizens Forum, members of TLO and other community people were participated in the meeting. The meeting was mainly focused on how to complete the reinstatement work where the pipe laying work is already completed and pressure test has been completed. The community people were not satisfied with the reinstatement work. After a rigorous discussion and negotiation, the community people came to a conclusion and made particular demands like: 1) pipe laying work shall start immediately after
reinstatement work is completed. 2) Pipe laying work shall start only in close coordination with Khanepani Tole Shahayog Samitee.

CAPC organized next formal meeting in this bi-annual period at Hadigaun on 14th August, 2015 which was chaired by Ms. Youbati Khadka, Member of TLO. The meeting was organized for the discussion on pipe laying works and to pursue standard pipe laying procedure along both sides of road in Rudra Mati Marga. After about two hours of discussion, the meeting concluded with following understanding: (i) the stone and block pavement work will complete within seven (7) days where pressure test of the pipes were successfully completed. (ii) The road will be compacted within two days for pedestrians to walk and to ease vehicle moment where pipe laying works were completed and pressure test not done. (iii) The community people will visit the Road Extension Project to confirm the exact width of road until then the pipe laying works will be postponed. It was also agreed if the width of the road is found at less than seven meter, the pipe will be laid along only one side of the road as per prevailing project rule. In the meantime the community people sought information related to pipe systems, reinstatement work, Pipe laying cost etc. The engineers from DSC-3 answered the public queries and provided the necessary information.

The other formal community meeting was conducted at Martyrs School at Gyaneshwor on 22nd August, 2015, chaired by Mr. Dal Bdr. Karki, chairperson of TLO, DNI-2. Forty community people were present in the meeting. Among them twelve (12) were female and rest were male which shows the growing involvement of the women in the public issues. The meeting was organized for disseminating project information and for maintenance of quality of the pipe laying work. As in the previous meetings the community people raised questions related to pipe systems, reinstatement work, and pipe laying cost and about Melamchi Sub project-1. The community people were very enthusiastic about the project and were curious about its activities. The meeting concluded with following decision: (i) repairing of the wall of houses, underground utility like utility line of
sewer, drinking water etc. which were damaged due to excavation of pipe line, (ii) the stone and block pavement work to be started within 10-15 days of completion of the pressure test of pipes but the road will be blacktopped after rainy seasons.

**Community meeting at Shaid Smarak School at Gyaneshwor**
The construction work continued smoothly in August 2015 without any disturbance due to positive environment created by CAPC, support of locals and good coordination among PID, Consultants, Contractors and other stakeholders as usual. It is hoped that the activities will proceed unhindered in the future as well.

### 4.2.2 Public Education School Program

As described above about two approaches applied for community awareness and participation; the public education school program is important approach as CAPC envisage that the school level activities are highly effective to address community awareness, mobilization, and health and hygiene education in the community through schoolchildren. CAPC has carried out different school awareness activities targeting to school students in different part of Kathmandu Valley within project area. The major focus have been put at Sundarijal and Nayapati VDCs of BDS and Koteswor, Pulchock and Ekantakuna areas of DNI zones during 2013, 2014 and 2015.

As per the Community Awareness and Participation Plan (CAPP) endorsed in the project, students and teachers of schools in project coverage area are a very receptive target group of the project. To address this concept, this provision has been applied to involve schools in a proper way in the public education campaigns. Such program has been implementing through formation of special focus groups in schools or organizing mass activities. The activities as envisaged by CAPC are discussions on public concerns such as new water supply system, water conservation, wastewater management, water borne diseases, basic hygiene along with gender and social inclusion issues. Art competition, drawings, essay, poem and folk dance competition are effective ways to achieve the goal involving children of schools involving more girl students among the participants.

Active and meaningful public participation and community support are highly anticipated for successful implementation of the project. Information dissemination through school students and teachers are effective to carry the project messages home to home and make aware the beneficiaries. Aide memoires of regular ADB review mission also have emphasized to public awareness program in school. Therefore, this public education school program has been continued to contribute in achieving the objective of the project.

In total, 46 public education programs in 40 different schools has been conducted till date addressing the information dissemination of project, its objectives including of public health and sanitation, 3Rs, GESI and so forth. Such types of activities have been conducted through concerned community mobilisers of CAPC. Prior to conduct such school programs, the concerned community mobilisers (CMs) has to complete several level of meetings, visits and establishment of formal and informal public relations with the school authorities. The program activities in the school program have various elements based on the contemporary issues, location and prioritized matter of the project. Usual programs are documentary show, distribution of newsletter, leaflets and other IEC materials as well as orientation about the project to the schoolchildren, teachers and public attended in the program. Other activities generally practiced through public education school program are speech competition, quiz, essay and paintings.

The level of participation of schoolchildren and teachers are encouraging in such programs. Total 3671 students and teachers have participated in 46 events of these programs up to the end of
November 2015. Total 1730 (47%) women among total participants have been participated in the programs that show that better representation of women in terms of GESI as the target is 33% (GESI AP 2.3). Similarly, the participation of dalit is 6% and janjati is 40% whereas participation of others is 54%.

4.2.3 Distribution Networks Improvement

Distribution Network Improvement (DNI) is the major task of PID as preparedness to carry out Melamchi water as soon as it is available in Kathmandu. During the pipe laying work, CAPC has been coordinating with TLO members and other concerned office and disseminating information regarding upcoming project activities in the project areas. CAPC is responsible to carry out community mobilization in these activities under PID rules and regulations.

Currently three DNI packages are on board under ADB loan 2776. Three DNI packages are divided into different 11 DNI service areas. In each DNI package, there are 3-4 DNI service areas. Each DNI is further divided into DMA and Sub-DMA for the smooth execution of DNI works. The progress of pipe laying in DNI area is stated in separate details of each packages as below:

- Distribution Networks Improvement Package -I

DNI Package-1 is sub-divided into three DNI areas, i.e. DNI-1, DNI-2 and DNI-6. CAPC is responsible to carry out community mobilization activities under PID rules and regulations. Pipe laying and reinstatement work is completely stopped due to scarcity of diesel and petrol in package -1 as other DNIs. Community Mobiliser of CAPC is putting efforts on coordination with TLO members of the area to disseminate project information. The efforts also are important to assess the project status at the construction sites.

DNI-1

Up to the end of this bi-annual period, pipe laying work in DNI-1 has been completed from Bhaktapur Buspark to Old Bus Park, Pradarsani Marga to Putalisadak, Ghantaghar to Kamaldi, and Kingsway to Kamaladi (the pipe laying work was carried out along the sidewalk where KUSTP is repairing pavement with stone/block). In total, 2904 m. of HDPE pipes has been laid and 87 houses were connected with new pipe lines. Total 38979 m. length of road reinstatement work has been completed.

DNI-2

HDPE Pipe laying work has been completed in Kalopul, Gyaneshwor and Bhimsengola. By the end of September, 5410.7m of HDPE pipes were laid, 260 houses were connected to new pipe lines and 9946.6m of road reinstatement work has been completed.

DNI-6

In DNI-6, the pipe laying work has been completed in Gwarko and Steel Tower Lalitpur. Total 2852.5m of HDPE pipes has been laid, 220 houses are connected with new pipes and 5495.6 m of road reinstatement work has been completed.
CAPC organized (and participated) joint field visit program in Primary line from Gopi Krishna hall to Aarubari reservoir tank (SRT) in this bi-annual period. The field visit was organized with the following purposes:

- To identify the current status of road;
- To survey and identify the status of underground utility like sewer and drinking water supply facilities;
- To identify/locate the position of electric pole;
- To consult with local people for effective pipe laying work.

Following personnel participated in joint field visit program
1. Mr. Hari Psd. Pandey, SDE, PID
2. Mr. Prajan Hada, Engineer, PID
3. Mr. Hari Nandan Chaudhary, CSE, DSC-3
4. Ms. Anita Jnawali, FC, CAPC
5. Mr. Aananda Mohan Thakur, PM, Hanzou-Kalika
6. Mr. Birat, Engineer, Hanzou-Kalika

Public Grievances of Hadigaun

One public complain from community member has handled by CAPC in December 2015. Mr. Narendra Shrestha was complained by phone on 5th December 2015 that the stone pavement work was not done properly after pipe laying in his area in DNI-2 Hadigaun. In response of the complaint, team members of CAPC visited the field and observed the current status of road. The concern contractor has been pending the work since Dashain. CAPC staffs took initiation and delivered informal message to DSC-III as well as Contractor (Via email). Both DSC-III and Contractor were agreed to start stone pavement work as soon as possible within a week. Unfortunately the contractor has not started work till date. He gave message to CAPC that they have no labour and fuel in this critical situation.

- Distribution Network Improvement Package II

Like other DNI, package-II is divided into four service area to improve the water supply distribution network as planned for 11 sub-zone service areas in Kathmandu Metropolitan City and Lalitpur sub Metropolitan City. DNI-3, 4 and 7 is situated in Kathmandu Metropolitan City and DNI-5 is situated in Lalitpur Sub-Metropolitan city. Distribution Network Improvement (DNI) is the major task of PID as preparedness to carry out Melamchi water as soon as it is available in Kathmandu. During the pipe laying construction work, CAPC has been coordination with TLO members, community people and other concerned stakeholders. CAPC has been disseminated information regarding upcoming project activities in the project area. Information regarding of pipe connection notice and pipe laying information at pipe laying areas also have been disseminating by CAPC to community people and others concerned stakeholders.

Up to the end of December 2015, the construction work has been stopped due to fuel crisis in nation. Despite this, concerned Community mobilizer (CM) of CAPC has coordinated to TLO members of Package-II to assess problems and collect community people's feedback as required.
DNI-4

In this bi-annual period, CAPC has disseminated notice to the people of Ramshaha path before the starting of construction work in DNI-4. Accordingly as per the schedule, pipe laying work have been completed in Ramshah path (West gate of Shining Darbar). Reinstatement work has been completed in Sweat-Binayak Marg.

PID/CAPC/DSC-3 took initiation in December to address the grievance of Supreme Court in coordination with Singh Durbar Reconstruction Project to maintain the uneven footpath in front of Supreme Court. The footpath was badly affected while expanding the wall of Singh Durbar by Singh Durbar Reconstruction Project. The expanded wall and trees on the footpath created difficulties to continue the DI pipe laying works of PID/KUKL as well.

DNI-3

PID/KUKL received a community grievance from Rohini Marg of Kathmandu Metropolitan City Ward No: 10 with request to do re-installation of drinking water pip, which was damaged by Department of Road during their part of new sewer pipeline work. Pipe laying work has been completed in Rohini Marg and Baburam Acharya Sadak. Apart from this reinstatement work has been completed in Balpith Marg, Prakashanand Marg, Aditi Marg, Tara Marg, Bhimsengola Marg, Bulbule Marg, Om Nagar marg, Khare Marg, Gaucharan Marg, Sanyukta Marg, Gyanjunja Marg, Shambhu Marg, Sahayog marg, Raja Janak Marg, Jana Path Marg, Prayag Marg, Omsai Marg, Sangamchwok Marg, Phochwoki Marg, Shree Ekta Marg, Narayan Chaur Marg, Mahadevsthhan Marg, Kumarimata Marg, Tulimatha Marg and Santosh Marg.

Community Meeting on DNI-3

As a regular activity of CAPC, a meeting of TLOs executives in DNI-3 has been conducted on 28 December 2015. CAPC arranged the logistics and organized the coordination meeting at CAPC meeting hall. The meeting was chaired by Mr. Raju Sharma, the chairperson of Khanepani Tole Samnwaya Samuha (TLO). About 16 members of different TLOs participated in the meeting and discussed on pipe laying progress, related construction works and reinstatement work. Most of the Khanepani Tole Samnwaya Samuha (TLO) members demanded proper reinstatement work in time after pipe laying at construction sites. CAPC experts and concerned staffs were also participated in the meeting and facilitated the proceedings. TLO chairperson Mr. Raju Sharma complained about uncompleted pipe laying works in front of Bhimsengola ward office. Ms. Sita Bhattarai complained about improper reinstatement works at Bijaya chowk in Sinamangal Area. Mr. Dhan Bahadur Achhami also complained about improper reinstatement works at Pasang Lahamu Marga, Bhimsengola Marga, Kumud Devkota Marga and Shantinagar Marga in Shantinagar area. Similarly, Mr. Dharma Lal Shrestha reported about incomplete construction works. He also demanded to remove debris, soil and back filling materials from the sites as soon as possible. Incomplete reinstatement work in Shantinagar area was also the concerns of meeting participants.

Later on, CAPC took initiation to resolve the discussed issues at meeting. However, the contractor was not mobilized up to 30 December 2015 due to fuel crisis in nation, but
since 31 December 2015 the contractor has been mobilized in DNI-3 in Sinamangal area. Addressing the meeting discussion and decisions, CAPC provided notices to the community people and TLO members about the pipe laying construction works in Kamlini Marga, DNI-3. Now, the contractor has been completed the reinstatement works in Lakhechaur Marg.

DNI-7
Pipe laying work was completed in Kantipath of Jyatha Thamel Marg. Remaining reinstatement work is ongoing. The HDPE pipe laying work was started from 16th October 2014 in DNI-7, KMC (Kathmandu Metropolitan City) and DI (Ductile Iron) pipe laying work was started from 8th December 2014 in Lainchaur to Sorkhutte area. After the end of July, no pipe laying work has done in DNI-7.

- Distribution Network Improvement Package III
Package-III is sub-divided into four DNI areas: DNI-8, DNI-9, DNI-10 and DNI-11. Project works has been started and expedited up to July-August 2015 in two DNIs; DNI-9 and 10 but disturbed nowadays due to present condition of fuel crisis and other factors.

DNI-9
In DNI-9, some reinstatement work had conducted in Pulbari Marg at First week of October. In the period of Dashin festival, construction works were stopped. Due to Dashin and Tihar holidays, most of the school's were closed and school program also postponed for next month. Community mobilizers of CAPC have coordinated with TLO members regularly regarding any issues occurred due to project activities noticed by community people. During field visit at DNI-9, the 3rd volumes of bulletin ‘Kathmandu Pani’ published by PID/KVWSIP were distributed amongst the TLO members. It was an effective activity to disseminate project information within DNI-9 community. Moreover, regular coordination with PID, DCS-3, and Contractors has been continued for update project activities in December 2015.

In the month of September, reinstatement work has competed in various Marga of Koteshwor (Tinkune, Munibhairab Marg,
Bi-Annual Progress Report; July-December 2015

Puspa Marg, Setiopi Marg, SOS Marg, Sarsawatimata Marg, Sanjibani Marg, Phubari Marg) and in Narephat (Kotdevi Marg) Apart of this, DI and HDPE Pipe interconnection work is going on in different Marg of Koteshwor and Narephat. It is good news that some women were participated in reinstatement work along with men workers in Pushpa Marga. Most of the community grievances regarding pipe laying work were solved accept reinstatement work in Sanjeevani Marga of Koteshwor and Shreekirshna Galalli of Narephant. Community meeting was held on the issue of damaged road with participation of Chief, Safeguard Unit /PID, Engineers from DSC-3 and Social Mobilizer of CAPC/PID with local community representatives and others.

Community Meeting on DNI-9

After a long time interval, CAPC has been able to organize a community consultation meeting at DNI-9 on 24th December 2015. The meeting has been organized with the initiation of Tole Lane Organization (TLO) Chairperson of DNI-9. The meeting was especially for discussion and appraisal of work progress, constraints and way forward of the project. Coordination with different stakeholder and clarification on raised issues were the supplementary objectives of the meeting. CAPC has played a role of active facilitator and manager of logistics as well as supportive arrangement for this meeting.

The meeting was conducted at community building of Mahadevsthan, Koteswor in DNI-9. Total 38 participants were attended in the meeting. Most of the participants were from different TLOs representing tole and communities in the respective area. Chief/ Safeguard Unit and Component Chief of DNI-9 with site engineers from PID also attended in the meeting. Other participants in the meeting are representatives from concerned contractor and engineers from Design and Supervision Consultant (DSC 3). Representation from ward office and community organizations was also in that meeting.

The main agenda of the meeting was to disseminate the message of agreement signed by PID and Kathmandu Metropolitan City (KMC). Chief of Safeguard Unit/PID or Component Chief of DNI-9 briefed about the agreement that have been signed on 2072/09/08 by PID and KMC. Most of the participants expressed their satisfaction on the agreement that has addressed the voices of community people since long time. Later on the meeting discussed on the different problems faced by the project works. Each participant representing different TLOs raised their problems in their respective area. Collecting all issues and problems raised by participants; component chief, DSC3 and contractor’s representative clarified each concerns. The contractor’s representative expressed his commitment to speed up the reinstatement work within 10 days.

The meeting also decided to inform communities by contractor, DSC3, PID and CAPC prior to construction work. All are agreed to sit together with community people at the place of reinstatement before the construction activities start.
DNI-10
Pipe laying work was not carried out since August except the reinstatement of road in Sainik Marg and Banasthali Marg.

4.2.4. Bulk Distribution System and Service Reservoirs
Like DNI, Bulk Distribution System (BDS) is divided into 4 packages. These 4 packages consist of the construction of 9 Service Reservoir Tanks (SRT) and 57 km Bulk Distribution System (BDS) under ADB Loan no 2776. Currently, all the BDS packages are on-board. KUKL/BDS/01/01, ADB Loan No: 1820 is about to complete. Out of 9.6, nearly 8.5 Kilometers of BDS pipe has been successfully laid. The aim of the BDS is to transmit drinking water from treatment plant at Sundarijal to the service reservoirs of different areas of Kathmandu Valley and to connect with Distribution Network Improvement (DNI) works to supply water in each household of the project area. Activities carried out in different packages of BDS in the period of July-December, 2015 are given below:

KUKL-BDS -01/01, Loan No: 1820
Within this bi-annual period, monsoon started before the completion of Bulk Distribution Network and Sewer Pipe line work in certain section of Jagdol and Mahankalchaur area. Muddy motorway during monsoon created hurdle for the students, footpath walkers, and vendors including vehicle users of that area. Observing the locals suffering and grievances, PID instructed DSC-2, CAPC and concern contactor to ease the life of local. Accordingly, maintenance work has been completed applying muck of Melamchi tunnel.

For additional maintenance work, a team of ADB, PID/KUKL, DoR including Local representative had formal meeting at ADB Resident office and agreed upon a joint Action Plan. According to the action plan, team of PID, DSC-2, CAPC and CTCE Kalika Joint venture had improved the road condition around the hill-park and Arubari area before Kuse-aunsi (Father's Day).

As per the agreed action plan of ADB, Muck removing and remaining sewer pipe line work has not started. The ongoing fuel crisis and odd-even vehicle system had immensely disturbed the construction work of the area, construction work of the area expected to resume after efficiently available of fuel in market.

Despite of fuel crisis, regular coordination has been conducted with the local of Arubari-Mahankalchaur. “T” connection chamber has been constructed in Jagdol for Banshbari outlet. Pressure test of DI pipes from Kolmati to Swornim School has been done (length is 1411 meter, ranging between 3+297 - 4+907). Coordination with Department of Road is going on to accomplish action plan of ADB. Nowadays, CTCE JV Kalika (the contractor) is working on T-shaped pipe compound in Jagdol.

KUKL-BDS-SRT-01/01, Loan No: 2776
Mahankalchaur-2 Service Reservoir Tank (SRT) and Banshbari Service Reservoir Tank (SRT) are under construction up to this time but BDS pipe laying work has not been done in different sites of Kathmandu valley due to the fuel crisis.
BDS pipe laying work is going on in three different sites of Kathmandu valley, Two site in Kathmandu Metropolitan City (Chhabahil to Narayan Gopal Chowk) and (Balkhu to Khashi Bazzar) and another is in Lalitpur Sub-Metropolitan City (Thashikhel to Ekantakuna). Till the date 4056.5 meter pipe has been laid. Offices, Communities, Locals and related persons of the area were informed before the start of construction work and also co-ordinate with N-CELL, NTC, Electricity Authority and KUKL site officers.

KUKL-BDS-02, Loan No: 2776
BDS pipe laying works was continued up to the month of September 2015. Service Reservoir Construction (SRT) work was in progress in Khumaltar Lalitpur; Panipokhari and Lazimpat, Kathmandu. Mahankalchaur-2 Service Reservoir Tank (SRT) and Banshbari Service Reservoir Tank (SRT) construction work were also in progress up to the month of October 2015 but BDS pipe laying work has not done in different sites of Kathmandu valley due to the fuel crisis.

Apart from SRT work, BDS pipe laying work also was going on from Thasikhel to Gwarko-Koteshwor. Till the end of September 2015, about 3437.50 m. of BDS pipe has been laid. Before starting the work, co-ordination has been done with local people, N-CELL, NTC, Electricity Authority and KUKL side officers.

After then, there is no BDS Pipe laying works up to December 2015 because of the current crisis in nation but Service Reservoir Construction (SRT) work is in progress in Khumaltar-Lalitpur and Panipokhari-Lazimpat, Kathmandu. RCC raft is complete and reinforcement placing on side walls are in continues.

KUKL-BDS-03, Loan No: 2776
Most to the BDS Pipe has been arrived and piled in Balaju Chowk. Service Reservoir Tank (SRT) in Balaju is under construction. Tianjin JV Raman (the contractor) is nowadays working on PCC in foundation of Balazu reservoir. The contractor is also preparing reinforcement net at site for the SRT. To resume the BDS pipe laying work in Ring-road area, concerned Community Mobiliser had initiated for informal meeting with Project Manager of Tianjin/Raman Jv.

As per the PID meeting with consultants in October, it is decided to carry out field survey of sewer line mobilizing all field staffs of DSC03 and CAPC. So, all the community mobilizers of CAPC were busy almost half of the month on field for survey of such sewer networks in Kathmandu valley for preparation of detail master plan. Most of the survey works have been completed.
4.3 Communication and PR activities

The PID’s construction activities are massively interrupted due to prolonged strike in Terai and India’s current blockade from last September. In this backdrop, CAPC couldn’t be able to carry out its field activities as normal supplies of fuel, necessary goods and commodities have been disrupted during this time. As per ToR, CAPC has planned to execute some specific communication activities with the aim of disseminating key project messages to the people. But the normal works along with the planned activities were heavily influence owing to the existing political situation. Having said this, CAPC managed to continue some communication related activities to help bring forward the project activities/issues among local people and people-at-large. These activities are quite essential for project visibility as project activities substantially intensified in BDS and DNI areas. As a result, regular communication with the Chief of Safeguard Unit was conducted as to discuss on some key issues, i.e. coordination with journalists, preparation of advertisement materials, notice/information update in the website, documentary on DNI etc; participation in the meetings regarding the training of NRW; discussion on upcoming newsletter. The details works (Activities and Progress) under Communication and PR activities in the period of July-December 2015 are presented below:

Communication - Activities and Progress

1. Collecting content for 3rd volume of newsletter
CAPC started working on the 3rd Volume of newsletter during July. The CAPC team participated in a meeting with the senior management team of PID to discuss on the content of upcoming issues of newsletter. A separate meeting was carried out with Mr. Dhruba Raj Regmi, Team Leader, PMST to discuss on possible content of newsletter. The Team also finalized the content of newsletter (II Volume) to be printed out in English language. The team also coordinated with translator/editor as to finalize the newsletter. Coordinated with senior official of PID to finalize the content for II volume of newsletter

2. The new (3rd volume) newsletter is out
CAPC team finalized the content of 3rd volume of newsletter in Nepali language. Various meetings with Project Director, Deputy Project Director, Senior Divisional Engineers, representatives of DSCs and the printing press have been carried out to finalize the newsletter. 2000 copies of newsletters have been printed out and disseminated to key stakeholders. The newsletter was sent to the translator to translate it into English language.

The English version of newsletter is planned to be printed out in October but couldn't possible. CAPC team collected the first round of feedback on the newsletter III volume in English. The newsletter will be finalized on January and it will be disseminated to various stakeholders such as ADB NRM, MoUD, DWSS, KVWSMB, MWSP, DSCs etc.

3. Website Update
A presentation was organized to finalize layout/design of website at PID meeting hall on 4th September, 2015. Project Director, Deputy Project Director, Senior Divisional Engineers, Engineers and CAPC’s staffs attended the presentation. CAPC team collected the feedback received from participants and incorporates them in the website. Several meetings were carried out with website developer with the aim of finalizing the layout of website.

4. Interaction with ADB Review Mission
A review mission of ADB visited Nepal from 5th to 17 August, 2015. Separate meetings and interaction were organized with the mission during this time. CAPC participated in a Power Point presentation to highlight the activities and progress of CAPC. During the presentation, PD, DPD, SDEs, representatives from DSCs and Ms. Vivian Castro, Ms. Neeta Pokharel, Safeguard
Specialists and Mr. Recardo Carlos V. Barba, Senior Safeguard Specialist were present. After the presentation, the participants involved in the discussion regarding the activities currently being carried out by CAPC. A separate meeting with Mr. Barba was also organized where CAPC shared its experience, progress and challenges faced during project implementation.

5. Profile/Cover Story in Nawasachar Magazine
CAPC team finalized a profile/cover story highlighting PID’s activities. The 10-pages profile/cover story was published in Nawasanchar National monthly magazine. CAPC received the 50-copies of magazine from the publisher. The team shared the magazine with Mr. Anil Bhadra Khanal, Deputy Project Director and Mr. Rajeev Joshi, Chief of Safeguard Unit.

6. Proposal for Radio Programs from Mirmire FM
CAPC initiated to prepare a proposal to produce radio programs from Mirmire FM. Meetings were carried out with Project Director, Chief of Safeguard Unit and representatives from Mirmre FM to materialize the proposal. The team has reached to a conclusion regarding radio program format and budget. CAPC team carried out the discussion regarding the proposals of radio program and Public Service Announcement (PSA) with Project Director and Chief of Safeguard Unit. These proposals are currently being stagnating due to the existing unfavorable situation of the country. Earlier in November, CAPC initiated to prepare a proposal to produce radio programs from Mirmire FM. The team has reached to a conclusion regarding radio program format and budget.

7. Documentary on DNI
CAPC team reviewed and finalized the documentary 2 on ‘Project Implementation Directorate/Kathmandu Upatyaka Khanepani Limited – Project Activities and Progress’ and documentary 6 on ‘Kathmandu Valley Wastewater Management Project’. A follow up meeting was organized with SDE Surya Raj Kadel as to finalize the documentary. In total, 5 documentaries are finalized and now in CAPC’s archive. The topic and contents of documentaries are as follows:

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Documentary</th>
<th>Key Theme</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Documentary 1</td>
<td>Introduction, background, history of water supply situation in Nepal&lt;br&gt;Best alternatives to address the growing demand of water</td>
</tr>
<tr>
<td>2.</td>
<td>Documentary 2</td>
<td>Introduction, background, project management &amp; implementation and working modality of PID</td>
</tr>
<tr>
<td>3.</td>
<td>Documentary 3</td>
<td>Immediate improvement of water supply services&lt;br&gt;Kathmandu Valley Water Supply and Sanitation Project (1820)</td>
</tr>
<tr>
<td>4.</td>
<td>Documentary 4</td>
<td>Bulk Distribution System (BDS) Package&lt;br&gt;Kathmandu Valley Water Supply Improvement Project (2776)</td>
</tr>
<tr>
<td>5.</td>
<td>Documentary 5</td>
<td>Distribution Network Improvement (DNI)&lt;br&gt;Kathmandu Valley Water Supply Improvement Project (2776)</td>
</tr>
<tr>
<td>6.</td>
<td>Documentary 6</td>
<td>Waste Water Management in Kathmandu&lt;br&gt;Kathmandu Valley Waste Water Management Project (3000)</td>
</tr>
</tbody>
</table>
In later month, a meeting was held with Chief of Safeguard Unit to review the documentary produced covering the activities of ‘DNIs’. Incorporated the feedback in the documentary and provided the feedback to the producers.

8. Coordination with Traffic FM and other FM radios
The Consultant team prepared notices/news and sent out to various FM stations for wider dissemination of pipe laying information. The team also coordinated with Metro Traffic FM for information dissemination regarding possible disturbances due to pipe laying works on a regular basis.

9. Participated in a farewell program of currently retired Chief Secretary
CAPC participated in a farewell program organized by PID for Mr. Leelamani Paudyal, currently retired Chief Secretary. Chief Secretary Mr. Paudyal visited the PID in August and acquired the information about ongoing project activities, i.e. pipe laying, construction of Service Reservoir Tanks etc. Mr. Tej Raj Bhatt, Project Director, assured him to continue the River Cleaning Campaign which was initiated by Chief Secretary. CAPC took the photographs of the entire event.

10. Notices to community people
CAPC facilitated to prepare community notices to be disseminated to community household/people highlighting upcoming/continue pipe laying construction works in different DNI packages. These notices were disseminated to the people living in construction areas.

11. A write up on project activities
Communication Expert from CAPC prepared a write up titled ‘PID Expedites Pipe Laying and Reservoir Construction Works’ in close coordination with Project Director. The write up was prepared for the publication of Society of Consulting Architectural and Engineering Firms (SCAEF Nepal) on its 25th anniversary. The write up was provided to the SCAEF Nepal along with related photographs.

12. Information update in the website
The information/notice regarding the bidding documents regarding the construction of WWTPs in Kathmandu Valley, laying of Bulk Distribution System and construction of service reservoirs, extension and construction of intercepting sewerage system along Hanumante River were updated regularly during December. CAPC also facilitated follow up and continuous meeting with ‘Rockmandu’ – a website developer to finalize the layout of website by incorporating feedback received from various officials and experts.

13. Accelerating School Education Program
CAPC team accelerated the School Education Program in project areas. Project related information was disseminated during the programs through documentaries, newsletters, leaflets etc. Various essay/poem competitions were organized during the programs. The documentaries were targeted to school children to disseminate the project related information. Students were enthusiastic to watch the documentaries.

14. Coordination with Journalists: News in national dailies
CAPC continued regular coordination with Journalists in December on a regular basis as to highlight the project news, events and activities from national media, i.e. print, broadcast and online. Separate meetings were conducted with Mr. KP Luintel, Reporter, Aarthik Abhiyan, Mr. Prajwol Shrestha, Marketing Head, Mirmire FM, Mr. Laxman Darnal, Reporter, the Gorkhapatra Daily etc. PID’s activities did not receive much space in the newspaper due to emerging political issues,
prolonged strikes in Terai and India's blockade. However, 10 news stories were published in various daily newspapers, i.e. Gorkhapatra, Aarthik Abhiyan, Kantipur, Karobar, Himalaya Times, Annapurna Daily etc.

15. Coordination with stakeholders regarding GESI
CAPC team attended a meeting at GESI Project, Ministry of Urban Development (MoUD) on 2nd December to discuss on GESI status, progress and plans made by PID. During the meeting, the issue of prioritizing GESI in PID's activities was raised. The meeting was organized by GESI Unit as it is the central level mechanism for mainstreaming GESI within and outside MoUD. Mr. Rajiv Joshi, Chief of Safeguard Unit, Ms. Shanta Laxmi Tandukar, Technical Officer and Mr. Khagendra Pant, Legal Officer from PID attended the meeting whereas from CAPC Mr. Badri Nath Bhatta, Team Leader, Ms. Sharada Rijal, Communication Expert attended the meeting. From GESI Unit, Mr. Post Raj Dhungana, Project Manager, Mr. Mishri Prasad Shrestha, Team Leader, Ms. Yashoda Shrestha, Senior GESI Specialist and Ms. Bindu Acharya, Monitoring and Evaluation Specialist were present in the meeting. Both the team, PID and GESI Unit/MoUD reached to a consensus of strengthening the capacity of newly formed GESI Unit in PID through the orientation session, interaction, IEC materials and effective capacity building programs.

16. Follow up meeting with GESI TOT Participants
A half day follow-up meeting was held with TOT participants on December 20, 2015 at GESI project meeting hall. The main purpose of the meeting was to discuss on participants' experience & learnings regarding TOT. The discussion was mainly focused on how they have been applying their knowledge & skills into practical field after taking part in TOT, which was organized from December 10 to 16, 2014. During the meeting, the major discussion points were presented among the participants through Power Point Presentation. After the presentation, the participants were individually requested to express their feelings & experiences about TOT. The majority of the participants mentioned that their knowledge & skills, which were learnt from TOT have been gradually diminishing because of not getting opportunity in practical field. Ms. Sharada Rijal, Communication Expert from CAPC attended the meeting.

17. Regular Communication with Chief of Safeguard Unit
Regular communication and meeting with Chief of Safeguard Unit was organized as to discuss on communication and other project related issues: i.e. training on NRW, update, progress and upcoming activities regarding GESI, coordination with journalists for providing news materials for newspaper, preparing of advertisement materials for publications, radio programs from Mirmire FM, newsletter Volume III in English language, website, notices for community people etc.

18. Advertisement materials for newspaper and other publication
The advertisement materials drawing attention to the project activities were prepared and provided to those concerned. These materials were disseminated in close coordination with Chief of Safeguard Unit/PID.

19. Coordination with DSCs
CAPC has regularly coordinated with DSCs in order to acquire the updated project information. Frequent meetings with Team Leader, Deputy Team Leader and other experts of DSCs were carried for maintaining good communication and sharing the information from both sides. The acquired updated information from DSCs was used in Monthly Progress Report, Annual Progress Report, presentations, newsletters etc.
20. Monitoring and follow up of news published in newspapers

CAPC team regularly monitors and follows up press clippings and news published in newspaper regarding water, sanitation and sewerage issues. The team also arranges to dispatch them to PID every day. The team also developed the monitoring format and has been monitoring the news contents published in newspapers.

4.4 Public Education, Sanitation, Health and Hygiene Program (PESHHP)

Public health (PH) is the important component of CAPC under KVWSIP. In the absence of PHE, other CAPC team members have carried out and supported public education and school sanitation program after then.

Due to the fuel shortage in the country, field related activities in schools are also affected. As a result, very few programs are carried out in BDS-01 (L 1820) package at Ramhiti.

School Health and Sanitation Program: BDS-1820

On 30th October, 2015, an awareness program regarding Melamchi Drinking Water Project was held at Nawa Jagriti Secondary School, Ramhiti. Three CMs of CAPC conducted the program. The program comprised of documentary show has been delivered for student from class 7, 8, 9 & 10. Project information disseminated through a speech program on title of ‘Melamchi drinking water and roles of student’ to the lower secondary & secondary level students. Mr. Uddav Adhikari, principal of the school coordinated to all school students as participants and fully supported CAPC team to perform this program successfully. In the documentary show following numbers of teachers & student were participated respectively.

<table>
<thead>
<tr>
<th>Class</th>
<th>Total</th>
<th>Men</th>
<th>Women</th>
<th>Janjati</th>
<th>Dalit</th>
</tr>
</thead>
<tbody>
<tr>
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<td>17</td>
<td>11</td>
<td>6</td>
<td>13</td>
<td>1</td>
</tr>
<tr>
<td>Teacher/Staff</td>
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<td>5</td>
<td>-</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>93</td>
<td>42</td>
<td>51</td>
<td>71</td>
<td>5</td>
</tr>
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</table>

In total, 93 students and teachers were participated in the program out of 825 students at school.

Next on 30th November, 2015, awareness program regarding Melamchi Drinking water project was held at Mahendra Baudha Higher Secondary School in BouddhaStupa.
Staffs from CAPC Mr. Meen Dahal, Mr. Minaram Choudhary, Mr. Saroj Shakya and Mr. Laxman Bista have conducted the program from PID/KUKL/CAPC. The program comprised of documentary show for student of class 7, 8, 9 & 10. Apart from this, awareness raising and speech program were conducted targeting to the lower & secondary level students in titled of “Melamchi drinking water and roles of student.”

Mr.Hari Krishna Shrestha, Principal & Deputy Headmaster Surendra Paudel of the school assisted CAPC to perform this program successfully. Following data shows the participants from different background:

<table>
<thead>
<tr>
<th>Class</th>
<th>Total</th>
<th>Men</th>
<th>Women</th>
<th>B/C</th>
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<th>Dalit</th>
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<td>4</td>
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<td>-</td>
</tr>
<tr>
<td>Teacher/Staff</td>
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<td>2</td>
<td>6</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
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<td>37</td>
<td>8</td>
<td>51</td>
<td>6</td>
</tr>
</tbody>
</table>

School Health and Sanitation Program: Package - I

School Education Program is one of the major activities based on ToR of CAPC. Accordingly CAPC has focused on the School Education Program (SEP) within project area. Only limited school programs could be conducted in this bi-annual period due to current crisis of nation.

In 16th July 2015, a school education program has been conducted at Sunshine Higher Secondary School Kalopul, Hadigaun. Program outline was prepared and finalized in consultation with the school teachers prior to conducting the program in school. The formal program was started at about 1:00 pm with involvement of Principal, school teachers and the school children of class 9. Program was started by disseminating project information, its purpose along with expected outcome wherein Team Leader-CAPC/PID explained about the role of students in water uses, sanitation, health and its linkage along with pipe laying work. He added that during pipe laying students should be careful for traffic management, road crossing etc. About 60 children were participated in the program.

Second program was continued with entertainment (Dance Therapy) including yoga. 150 students of Class LKG and UKG participated. Ms. Sweta Ranabhat & Ms. Anju Regmi facilitated the children. Humming meditation was conducted for the students of class -9. TLO members and Community Police also participated in meditation and in overall program. The program was concluded with distribution of safety kits for school-girls. TL of CAPC has handed over the safety kit to school.

In the month of August, school education program was conducted at Advance Boarding Secondary School Kalopul, Hadigaun on 18th August 2015, and Martyrs’ Boarding Secondary School on 21st August Gyaneshwor and Maitidevi Boarding School in Ghattekulo on 28 August.
Boarding School, the program was intended for information dissemination through project documentary. After showing documentary, representative from CAPC/PID answered the students' queries and provided the necessary information through brochures as well. Students of class 6 to 9 and the school teachers were participated.

In Martyrs' Boarding school program started with introduction and dissemination of project information and its expected outcome. Ms. Anita Jnawali conducted the program and accordingly project documentary was shown. The program continued with speech competition among the school children of class 6 to 9 on “Water and Sanitation”. Ten students of class 6 to 9 participated in the competition among them 6 were girl. Finally the program was concluded with prize distribution. Mr. Rupesh Rauniwar of class 10, Mr. Pramod Pandit of class 8 and Ms. Khusbu Agrawal of class 9 received 1st, 2nd and 3rd prize respectively.

Similarly, in the month of September, school education program was conducted at Albert English Secondary School and Blue Sky English secondary School on 3rd September 2015, at Community Hall Maitidevi.

Initially outline of the program was prepared and finalized in consultation with the teachers of both schools. The formal program was started at about 1:00 pm with involvement of Principal, school teachers, Chairperson & members of TLO, Officers of PID, Community Police and the school children of class 10 of both schools. The program was chaired by Mr. Dal Bdr. Karki, Chairperson of TLO. Principal of both schools and SDE & Engineer from PID were the guests in the program. Introduction and relevant information of the project along with its purpose were explained to the students and other participants by concerned CM/CAPC. The CM (Community Mobiliser) further introduced and highlighted PID, its activities and the explained the need for the conduction of such programs as a tool to facilitate the project work aimed for fulfilling drinking water needs of Kathmandu.
residents. Then the program was preceded with documentary show having project information. The program continued with speech competition among the school children of class 10 on the topic “Scarcity of Water in Kathmandu Valley and Melamchi.”

Twelve students were participated in the competition. Two teachers from each school were assigned the role of jury. It took about ten minutes for the jury to decide the winners of the competition. The spare time was utilized for audience with further insight of the project by Mr. Hari Pd. Pandey, SDE from PID. The program concluded with prize distribution. Mr. Milan Paswan from Blue Sky, Sabina Oli from Albert, Nitesh Raj Neupane from Albert and Kriti Chamling from Blue Sky received first, second and third and consolation prize respectively. Finally the program was concluded with prize distribution and speech of chairperson.

Second program was conducted at Kathmandu English Boarding Secondary School on 17th September. The program was intended for information dissemination through project documentary. After showing documentary, representative from CAPC/PID answered the students' queries and provided the necessary information through brochures as well. Students of class 6 to 9 and the school teachers actively participated in the program as well.

In month of December, as decision of CAPC staffs meeting, it is listed 25 names of public and private school from DNI-2 for conduct school program.

<table>
<thead>
<tr>
<th>Table-6: List of Public and Private Schools in DNI-2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name of school</strong></td>
</tr>
<tr>
<td>1. Maitidevi Bording School, Maitidevi</td>
</tr>
<tr>
<td>5. Aananda Bhumi Boarding School, Maitidevi</td>
</tr>
<tr>
<td>10. Ace school, Gaushala</td>
</tr>
<tr>
<td>11. The New Summit School, Dillibazar</td>
</tr>
<tr>
<td>12. Marvelous boarding School, Maitidevi</td>
</tr>
</tbody>
</table>
School health and Sanitation program: Package-II

In 23rd June 2015, CAPC organized School Education program in Occidental Secondary School Anamnagar. Program was started from 11:30 am with participants of students, teachers and principal. During the Program, Team Leader of CAPC introduced and explained about the topic of PID’s project activities and then poem competition program continued on the topic of water and sanitation. In total, 25 students were participated in poem competition program. Ms Apeksha Dahal secured 1st position, Mr. Som Raj Sharma secured 2nd Position, and Ms Aava Regmi secured 3rd position. About 137 students, teachers were participated in the program. The winners were awarded by reasonable prizes of Advanced Learner's Dictionary, Pen Drive and Calculator etc as first, second and third prizes respectively. School Principal and CAPC Team Leader handed over the prizes jointly to winners.

In August, CAPC organized School Education program in Bhimsen Gola Secondary School in Baneshwor on 14th August 2015 and Loyola Secondary School in Old Baneshwor on 31st August 2015. The formal program was started from 1:00 PM. with the participants of students, teachers and principal including TLO members. Mr. Badri Nath Bhatta, Team Leader of CAPC and Mr. Giri Bahadur Sunar, Resettlement Expert answers the queries of student on ongoing project activities.

Apart from documentary show, essay competition programs were conducted in different school with the title of “Melamchi water and sanitation”. Mr. Binod Choudhary, Mr. Ganesh Chaulagani, and Mr. Sanu Kanchha Tamang secured first, second and third position from Bhimsen Gola Secondary School and Ms. Mega Shrestha, Ms. Shaili Dhakal and Mr. Anjan Karki secured first, second and third position from Loyola Secondary school. Mr. Ganesh Rai principal of Bhimsen Gola Secondary School and Ms. Shyama Mishra of Loyola Secondary school highlighted on the importance of water. About 66 students were participated form Bhimsen Gola Secondary School, among them 35 were girls and 40 students from Loyola Secondary school, and among them 12 were girls.
Next in September, CAPC organized School Education program in the City Academy Secondary School Madhya Baneeshwor on 2nd September 2015, Vidya Kunja Secondary School Baneshwor on 4th September 2015 and Guheshwori Higher Secondary School Sinamangal on 24th September 2015. The formal program was started at 1:00 PM in each school on different date with the participants of principal, school teachers and students. During the Program, documentary has been shown regarding progress of Melamchi Sup Project-2. Team Leader of CAPC, Community Mobilization Expert, and two CMs had introduced and explained about PID, its activities and importance of conducting School Program. 84 student and teachers were participation from City Academy Secondary School, out of 84, 46 were girls. In Vidya Kunja Secondary school, there were 82 students and teachers, among them 33 were girls, like wise there were 92 students and teachers from Guheshwori Higher Secondary School, among 92 participants, there were 57 girls.

During the closing session of documentary show Mr. Khagendra Raut, Vice-principal of City Academy Secondary School and Mr. Megha Bahadur Banjara, Principal of Guheshwori Higher Secondary School gave suggestion to the PID/KUKL and highlighted the importance of Melamchi water to the students.

School health and Sanitation program: Package-III
In Package III, the first school program in this bi-annual period was held on Arunodaya Academy, Swayambhun in DNI-10. The formal program was started at about 3:00 pm with the involvement of principal, schoolteachers and the school children of class 8 and 9. Program was started with introduction and project information dissemination among students and teachers. Project information was delivered by Mr. Rajeev Joshi, Senior Division Engineer from PID and Team Leader-CAPC/PID. Program continued on the topic of water, sanitation, health and its relation. About 45 children participated in the program. Ms. Sweta Ranabhat & Ms. Anju Regmi facilitated the children. Humming meditation was conducted for the students of class 8 and 9. School administration, student and TLO members actively participated in meditation session.

In close coordination with Tole Lane Organization, School program was conducted in Ishwor Primary School program. Our target groups were 50 students of Class 1 to 5 including 9 school stffs. The small children participated in musical and dance therapy program. The aim of the dance and musical therapy for the children was to make entertaining environment in school and psychologically direct the students for facing the problem of frequent aftershocks. Ms. Sweta Ranabhat & Ms. Anju Regmi facilitated the children.
CAPC prepared Safety Kits for the girl children for their menstruation period because it is general trend in Nepali society that most of the school-girls are not attending school during menstruation period. The aim of the program is to create awareness among school children by using such kits and girls would be encouraged to continue their school even in menstruation period, CAPC has started to distribute safety kits in its working area based on its school education program. Details of safety kits to the each program school which were distributed and introduced to the girls’ children were as belows;

<table>
<thead>
<tr>
<th>S.N</th>
<th>Items</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Towel</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>Hand Wash Liquid</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>Soap</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>Bucket</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>Mug</td>
<td>3</td>
</tr>
<tr>
<td>6</td>
<td>Dust Bin</td>
<td>3</td>
</tr>
<tr>
<td>7</td>
<td>Toilet Paper</td>
<td>6</td>
</tr>
<tr>
<td>8</td>
<td>Sanitary Pad</td>
<td>15 Packets</td>
</tr>
<tr>
<td>9</td>
<td>Phenyl</td>
<td>3</td>
</tr>
</tbody>
</table>

In the month of August, school education program was conducted at Kautailaya Academy in DNI-9, Koteshwor and Gita Mata School, Kanchanjanga School, and Buddha Joyti School in DNI 10 of package 3 of Bejeshwori and Dallu. Before organizing school program in particular schools, CAPC team visited school and coordinated with school principal/coordinator for permission and to assess the school program. As per the understanding, school programs were designed for the student of class 6 to 10 and accordingly CAPC presented documentary on Melamchi Sub Project-2. Apart from documentary show, information has been disseminated on health and safety for girl children. CAPC distributed 3 sets of safety kits, focusing on girl children for their menstruation period in above mention all schools.
TLO coordinator Mr. Raju Kharel and member Mr. Tara Ranabhat, CAPC Team Leader Mr. Badri Nath Bhatta, Social Mobilizer Ms. Anju Regmi and field supporting staff Mr. Laxman Bista were participated in school education program conducted in DNI-10. In average, 40 students from one class and in overall 100-120 students were participated in documentary show program in DNI-9 and DNI-10.

**School Education and Awareness Program: BDS-1820**

In 21 August, 2015, awareness program regarding Melamchi Drinking water project was held at Arunodaya Secondary School. Krishna Prasad Nepal, Principal of the school had assisted the program. The program comprised of documentary show for student from class 6 to 10 and a debate competition for the secondary level students titled “Melamchi drinking water and roles of student.” In the debate competition the first position was secured by Mr. Sushanta Timilsina, second Mr. Lakpa Yangjen Hyolmo and third Mr. Pratiman Tamang.

Similarly, in lower secondary level, debate competition was held with the titled of ‘Effect of Melamchi drinking water on health and environment’. Ms. Pema Doma Sherpa had secured first position, Ms. Samjyoti Rai secured second position and Ms. Susmita Pulami secured third position.

**Table No 8: Numbers of Participation in School Program**

<table>
<thead>
<tr>
<th>Class</th>
<th>Total</th>
<th>Male</th>
<th>Female</th>
<th>B/C</th>
<th>Janjati</th>
<th>Dalit</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>119</td>
<td>64</td>
<td>55</td>
<td>20</td>
<td>88</td>
<td>11</td>
</tr>
<tr>
<td>9</td>
<td>76</td>
<td>12</td>
<td>64</td>
<td>18</td>
<td>58</td>
<td>-</td>
</tr>
<tr>
<td>8</td>
<td>71</td>
<td>31</td>
<td>40</td>
<td>9</td>
<td>58</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>77</td>
<td>31</td>
<td>46</td>
<td>6</td>
<td>65</td>
<td>6</td>
</tr>
<tr>
<td>Teacher/Staff</td>
<td>12</td>
<td>9</td>
<td>3</td>
<td>9</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>355</td>
<td>147</td>
<td>208</td>
<td>62</td>
<td>271</td>
<td>22</td>
</tr>
</tbody>
</table>
On 9th September, 2015, awareness program regarding Melamchi Drinking water project was held at Jana Kalyan Higher Secondary School, Mahankalchaur. Team leader- Badri Nath Bhatta, Community Mobilization Expert- Bala Ram Mayalu, Social Mobilizer- Meen Dahal and Supporting Staff- Saroj Shakya attended the program from PID/CAPC. The program comprised of documentary show for student of class 8 & 9 and a debate competition for the secondary level students with the titled of “Melamchi drinking water and roles of student.” The program was judged by Ms. Rama Ghimire and Ms. Kabita Mishra. Mr. Narvada Pokhrel, principal of the school assisted the program successfully. In the debate competition the first position was secured by Mr. Durga Karki, Second by Ms. Sangita Karki and Third, Ms. Shreesha Khati and consolation prize was secured by Ms. Chhiring Sherpa. Among 950 students, 198 students/teachers were participated in the program.

Table- 9: Participant Students in School Activities

<table>
<thead>
<tr>
<th>Class</th>
<th>Total</th>
<th>Male</th>
<th>Female</th>
<th>B/C</th>
<th>Janjati</th>
<th>Dalit</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>99</td>
<td>48</td>
<td>51</td>
<td>27</td>
<td>65</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>94</td>
<td>44</td>
<td>50</td>
<td>25</td>
<td>60</td>
<td>9</td>
</tr>
<tr>
<td>Teacher/Staff</td>
<td>5</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>198</td>
<td>94</td>
<td>104</td>
<td>57</td>
<td>125</td>
<td>16</td>
</tr>
</tbody>
</table>

On December 2015, in order to conduct the awareness program regarding Melamchi Drinking water project, following school were contacted:
1. Bal Uddhar Higher Secondary School, Kapan
2. YagnaMatी Secondary School, Paiyatar
3. NawaJagriti Secondary School- Ramhiti
4. MahendraBaudha Higher Secondary School, Stupa
5. Janakalyan Higher Secondary School, Mahankalchaur
6. Arunodaya Higher Secondary School, Ramhiti
7. Swornim Secondary School, Kolmati

4.5 Gender Equality and Social Inclusion (GESI)

CAPC is always aware to be aligned its activities to the Gender Equality and Social Inclusion Action Plan (GESI AP) that was prepared in the project design period. It has been assisting PID to implement GESI AP while carrying out its activities in BDS and DNI areas. CAPC tries to prioritize GESI in each project activity and ensure maximum participation of women and other DAGs in community meetings/consultation conducted in BDS and DNI areas. The efforts of CAPC team always focus on facilitation to ensure inclusive participation of Women, Dalit, Janajati and others during community meetings/consultations in BDS and DNI. The team has also been collecting disaggregated data from meetings and public consultations.

All the project activities are complied with the GESI Operational Guidelines, 2013 approved by the Ministry of Urban Development. The CAPC is alert to implement GESI agenda while carrying out its
activities in BDS, DNI, STPs, Cluster Removal and other Demo Projects. CAPC is putting efforts to emphasize GESI AP in each project activities by ensuring maximum participation of women and other DAGs in BDS and DNI areas. Major focus has been putting to ensure GESI agenda while forming Khanepani Tole Samanwaya Samuha (TLOs) and conducting meetings of these TLOs.

CAPC team have been attended a meeting at GESI Project, Ministry of Urban Development (MoUD) on 2nd December to discuss on GESI status, progress and plans made by PID. During the meeting, the issue of prioritizing GESI in PID’s activities was raised. The meeting was organized by GESI Unit as it is the central level mechanism for mainstreaming GESI within and outside MoUD. Both the team, PID and GESI Unit/MoUD reached to a consensus of strengthening the capacity of newly formed GESI Unit in PID through the orientation session, interaction, IEC materials and effective capacity building programs.

A half day follow-up meeting was also held with TOT participants on December 20, 2015 at GESI project meeting hall. The main purpose of the meeting was to discuss on participants’ experience & learnings regarding TOT. The discussion was mainly focused on how they have been applying their knowledge & skills into practical field after taking part in TOT, which was organized from December 10 to 16, 2014.

Data related to Gender and Social Inclusion have been collecting, verifying and recording in a systematic database regularly regarding of GESI AP. Semi-annual update of GESI AP (January-June 2015) and quarterly update of July-September, 2015 have been submitted to ADB and PID in this period. As the role of CAPC has to put continued efforts for GESI compliance with its target as envisioned in GESI AP, the major output has been sorted out as achievement up to December, 2015 in GESI as depicted below:

- 418 nos. consultations/community meetings conducted up to September end in project area.
- Total 6893 individual participated in such consultations/community meetings; 2139 (31.0%) women and 4754 (69.0%) men participated
- The record of participation of poor and socially-excluded groups is maintained separately and monitored so far. Of the total, 2854 (41.4%) Janjati, 198 (2.9%) Dalit and 3841 (55.7%) other communities participated in all consultation meetings conducted till now.
- Eight TLOs are formed out of 11 in DNI 2, 3, 4, 5, 6, 9, 10 and 11. In total, 124 people were nominated as representatives of TLOs. Of the total, 43 (34.67%) female, 81 (65.32%) were male. Similarly, 2 (1.61%) Dalit, 62 (50%) Janajati and 60 (48.38%) from other communities were nominated as representatives of TLO.
- Project information dissemination and school health program has been conducted as 46 events in 40 schools of DNI and BDS area
- IEC materials, i.e. newsletters, notices, leaflets, documentary were developed and disseminated to the people during consultation meetings
- Collected disaggregated data (by gender, caste and ethnicity) from meetings and public consultations. The status of report is incorporated in MPR, QPR, Bi-annual and Annual reports of the projects. The project put utmost effort to involve women, disadvantaged and marginalized people during public consultation/community meetings and TLO meetings
- Conducted an orientation to Contractors’ Public Relation Officers (PROs) on GESI related aspects, i.e. equal wages for equal work, separate toilets for male/female labours, separate changing room for female labours in construction sites etc.
- Prepared a proposal on GESI Sensitization to PID and concern staff which is under discussion in PID
Facilitated to form a GESI Unit in KUKL for institutionalizing GESI in KUKL operation. The unit has been formed with 3 members including two women members.

Facilitated to draft a GESI Action Plan for overall operation of KUKL.

Conducted and participated in meetings with GESI Project MoUD, DWSS and KUKL regarding the formation of GESI Unit and preparation of GESI action plan of KUKL.

Regular follow up with KUKL and meetings with concern officers were carried out.

Collecting, observing and recording of gender and caste/ethnicity disaggregated data of employed staff members, professionals and consultants of KUKL, PID, DSC-2, 3 and 4 as well as concerned offices.

Total five community orientation/trainings were conducted on health and hygiene, promotional activities, i.e. solid waste management with gender considerations; 115 community people (59% women and 41% men) participated (37% Janajati, 1% dalit and 62% others).

An Exposure Visit to Melamchi Tunnel was organized for community people and TLO members.

Produced and published first, second and third volume of newsletter both in Nepali and English language which highlighted project activities including GESI related aspects, occupational health and safety, promotional activities etc.

Production of six documentaries on different thematic areas is ongoing. Among them, 3 documentaries are completed. The thematic areas include History – current situation of water supply situation and PID’s effort to improve the situation, BDS, DNI, Waste Water Management, social issues in PID and grievances redress strategy etc.

Prepared five draft IEC materials on GESI, Safety Measures, Rainwater Harvesting, Health & Hygiene etc. And disseminated them to the community people during public consultations and schoolchildren during school health programs.

Established GESI Unit in PID in the leadership of Mr. Rajiv Joshi with three members.

Conducted a meeting with GESI project in MoUD.

Prepared quarterly report of GESI AP, October-December 2015.

4.6 Promotion of Water Conservation, SWM, Rainwater Harvesting

As per ToR, CAPC is always aware on its role to conduct promotional activities regarding water conservation, solid waste management, rainwater harvesting in near future. Earlier, the Consultant team carried out such activities, i.e. different trainings on solid waste management in office and Arubari areas of BDS zone. Similarly, some IEC materials such as rainwater harvesting and SWM are drafted and initially distributed them during community meeting as well. CAPC has drafted a detail time bound Water Conservation Promotion Plan since January 2013 for making piloting programs in order to implement local initiatives of water supply and sanitation sectors in Kathmandu Valley in different project areas. Such types of efforts will be fruitful for transferring appropriate technologies in project areas as the target of KVWSIP for conservation of water source smoothly.

CAPC is regularly monitoring the solid waste management activities after the training program on solid waste management in Arubari on 23 May 2014. The training program has focused on the management of the waste product produced at home to convert into manure. PID/CAPC has been distributed 40 compost bins in the Aarubari area. Team of CAPC regularly visited BDS and DNI areas to monitor and follow up to know whether it is effectively implement of waste management procedure or not where PID/CAPC distributed waste collection beans. The team realized that impact monitoring needs to be held in each month so that the result of SWM training will be satisfactory. It is one of the promotional activities of the project under CAPP.
Training on Non Revenue Water

A major achievement of this period is the accomplishment of a ‘Training on Non Revenue Water’ that has been planned since the very beginning of the project. It was organized in 13-15 December 2015. The training is in line with the efforts of government since 1973 that have been made to find out the best solution to meet the chronic demands of water supply addressing rapidly growing population in Kathmandu valley. The major aim of this training is to improve the overall scenario of water supply and wastewater systems of the Kathmandu Valley. It was basically designed for Engineers and Branch Managers of PID and KUKL.

The training was organized as per the Terms of Reference (ToR) of Community Awareness and Participation Consultant (CAPC) that has to assist PID in several activities related to capacity buildings of KUKL, PID and related staffs. Considering this responsibility the training has been decided in a team meeting in close coordination with SU/PID to address the importance of awareness on non-revenue water among the stakeholders.

One of the major issues affecting water utilities in KUKL is the considerable difference between the amount of water input into the distribution system and the amount of water billed to consumers (also called “Non Revenue Water” (NRW)). High level of NRW reflects high volumes of water being lost through leaks, not being in-voiced to customers, or both. It seriously affects the financial viability of water utilities through lost revenues and increased operational costs. With the existing deteriorated infrastructure, the managers of the utilities are in a difficult situation with the need to service the customers on a daily basis. Moreover after rehabilitation and extension of water supply and waste water in Kathmandu Valley, the needs to address the issue of Non-Revenue Water have become more so important. Managing NRW though proper planning, governance, accountability and required technical & managerial skill necessary to provide reliable service to the population, operational and financial reforms of the water utilities can be achieved.

Branch managers of KUKL, engineers of PID, DSC and their field staff have actively participated in the training. Community Mobilization Expert (CME) of CAPC also attended and participated in the training. The training was most important to understand Non-Revenue Water in the present context and after the post Melamchi scenario. Similarly the utility staffs got opportunity to be oriented on the different types of NRW, different construction materials that can be used to reduce leak, leak detection, water balance calculation and other relevant issues. The anticipated outcome of this training was reduced NRW with proper application and improved organization with systemized mechanism.
The main objective of the training was to equip participants with appropriate knowledge of Non Revenue Water, its implication in the present and post-Melamchi scenario, the technical aspects of NRW, various methods to reduce NRW, policy interventions and the financial implications of NRW. Other specific objectives are:

- To share on the implication of NRW on the water utilities profitability
- To provide information about different types of leakage and leak prevention measures being taken by the water utilities
- To discuss and share on the technical aspects of NRW
- To discuss on the policy intervention that can be done on demand and supply side
- To devise a NRW management strategy in distribution system

Institute of Technical Training and management (IPTM) and NS Training and consulting P. Ltd. were selected as a consulting firm to conduct the training by a systematic bidding process. IPTM has successfully arranged all types of facilities and facilitated required service regarding on the training. Total 25 participants have attended in the training and obtained different subject related knowledge, information and in-depth professional input.

The 3-days training program was divided in two packages. The first package was 2-days training on non-revenue water and the second were 1-day's workshop named 'Developing Non-Revenue Water Management Strategy'. The workshop was facilitated and arranged by NS Training and Consulting P. Ltd.

4.7 Safety Measures / Safeguard Policy

Under KUKL Board, Project Implementation Directorate (PID) is responsible to handle the issues/ complain/ problems raised by the local peoples, land owners regarding the loss or disturbance on health, water, sanitation during the construction period of the projects. For this, CAPC has assisted to PID in handling those grievances from time to time. At this stage, PID/CAPC is handling those issues at the construction site regularly as per ADB’s safeguard policy. A grievance redress mechanism (GRM) has been established to receive, evaluate and facilitate to the affected people/family, concerned community on complaints, grievances about losses, compensation, social and environmental performance at the level of the project. The GRM aims to provide a trustable environment to address affected people’s concerns. The details of grievances in BDS and DNI during July- December, 2015 are presented below:

Table 10: Present Status of Community Grievances in BDS, DNIs and other Small Package works (July- December, 2015)

<table>
<thead>
<tr>
<th>S. N.</th>
<th>Date</th>
<th>Complainers</th>
<th>Address</th>
<th>Issue</th>
<th>Current Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>28 December 2015</td>
<td>Mr. Ravi Raj Khadka</td>
<td>Nayapati VDC</td>
<td>Land Verification</td>
<td>Hand over to KVWSDB</td>
<td>Re-land verification has been completed on November, 2014 and 09 January 2015 (more than 12 times)</td>
</tr>
<tr>
<td>2.</td>
<td>10 October 2015</td>
<td>Mr. Meen Bahadur Gurung</td>
<td>Gokarneshwor- beside Swarna School</td>
<td>Damage plot during BDS pipe laying works</td>
<td>No work progress due to fuel crisis</td>
<td></td>
</tr>
</tbody>
</table>
**KUKL-BDS-SRT-01/02, Loan NO- 2776**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Date</th>
<th>Complainant</th>
<th>Address</th>
<th>Issue</th>
<th>Current Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>18 September, 2015</td>
<td>Community people of Shantipur</td>
<td>LSMC- 15 at Santinagar</td>
<td>To support community on road blacktop and sewer line</td>
<td>Under process</td>
<td>PID instructed to contractor to support the community</td>
</tr>
</tbody>
</table>

**Package: III**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Date</th>
<th>Name</th>
<th>Address</th>
<th>Issues</th>
<th>Current Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>6 August, 2015</td>
<td>Tara Ranabhat</td>
<td>TLO member Balaju- DNI-10</td>
<td>Regarding putting gravel in damage road</td>
<td>Solved ,8 August, 2015</td>
<td>2 times</td>
</tr>
<tr>
<td>2.</td>
<td>7 August, 2015</td>
<td>S Lama</td>
<td>Balaju- DNI-10</td>
<td>Muddy Road due to leakage from exiting water supply</td>
<td>Refer to KUKL Branch office to solve issue.</td>
<td>2 times</td>
</tr>
<tr>
<td>3.</td>
<td>7 May, 2015</td>
<td>Sabitri Strestha</td>
<td>Sanjivani Marg Koteshwor-DNI-9</td>
<td>Pipe laying work not done in (Sanjivani Marg)</td>
<td>Solve</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>30 September, 2015</td>
<td>Sabitri Strestha</td>
<td>Sanjivani Marg Koteshwor DNI-9</td>
<td>Pipe laying particular that Galli (Sanjivani Marg) was completed but stone interlocking remain</td>
<td>Not solve</td>
<td>Coordination with DSC-3 more than 5 times</td>
</tr>
<tr>
<td>5.</td>
<td>11 August, 2015</td>
<td>Laxmi Shrestha and group</td>
<td>Shree Krishna Galli, Narephat- DNI-9</td>
<td>Reinstatement</td>
<td>Not solved</td>
<td>More than 5 times by phone follow up</td>
</tr>
<tr>
<td>6.</td>
<td>July, 2015</td>
<td>Sarita Dahal and group</td>
<td>Surkot Upbhokta Samittee- DNI-9</td>
<td>Drainage block issue</td>
<td>Not completely solved</td>
<td>More than 5 times by phone follow up</td>
</tr>
</tbody>
</table>

**4.8 ADB Mission Visit**

A team from ADB and its Nepal Resident Mission (NRM) visited the project in this bi-annual period on 6 August’ 2015. The team met all project stakeholders and visited core project activities and community development programs to observe the construction progress and interact with local people and stakeholders.

The visiting team also met to Community Awareness and Participation Consultant (CAPC) team members and briefed their objectives to visit. CAPC briefed and presented the status of project’s community awareness and participation initiatives in the meeting between ADB visiting team and PID.
After the arrival of ADB Mission in Kathmandu, firstly a presentation by DSC03 was held in PID in the following day. In the presentation, a new understanding was made to visit BDS 01 area in Mahangkalchaur to observe the muddy road situation after pipe laying and improving the status of road by placing/laying the tunnel muck in the morning of 6 August. Accordingly, a field visit in Mahangkalchaur was conducted in the participation of Safeguard Specialist of ADB and CAPC team member to observe road issues and process taken for solving them.

As the preparation for ADB Mission in PID on last week of July, the presentation of CAPC’s progress was held on 6 August. Earlier the presentation in the morning, a meeting between Safeguard Specialist of mission and CAPC team took place and more discussion was possible on situation of muddy road in Mahangkalchaur, safeguard compliance including GRM process. In the presentation, CAPC highlighted on progress and potential constraints in detail on community awareness and participation activities in the project.

During discussion, mission team leader was pleased with CAPC presentation and expressed positive view and advised to focus more on school sanitation program to meet the target of 50 Schools in a year. In this session, Team Leader, Communication Expert and Community Mobilization Experts from CAPC and Social Development Expert from DSC03 were participated for dealing on social components in PID in the presence of PD, DPD and other officials of PID. At the end of August, Aide Memoire from the mission has been acquired where mission has expressed quite satisfaction on CAPC contribution.

4.9 Project Monitoring

To make effective implementation of construction activities in all packages of DNI and BDS areas and maintain the quality of social aspects in PID, CAPC is always aware on regular monitoring works both in expert and field/community levels from time to time in coordination with SU/PID. Most of the field staffs (Social Mobilizers including field enumerators) in DNI-I, II and III along with BDS packages have been regularly monitoring the community mobilization, awareness, participation, social safeguard activities and issues of safety measures. They have been collecting local level community grievances by applying monitoring format in close coordination and consultation with local people and TLOs in this month where pipe laying and other works have been commenced. Initially the team of SU/PID and CAPC has planned to organize regular monitoring of social parts in each week however; it cannot be effective because of the unavailability of experts as required. In this month, PID project activities are affected as earlier by shortage of fuel in Nepal as other offices.
due to unofficial Indian blockade however; CAPC has made best ways as possible and continued it regularly. It is expected that this job shall be effective from coming month i.e. January 2016. CAPC has regularly coordinated and met to TLO members in DNI areas and collected their view regarding to pipe laying activities and other issues, if any and attempted to solve them as possible. Such types of coordination are being held in BDS areas also. For this, CAPC field team has coordinated with Ward Offices under Metropolitan and Sub-Metropolitan offices of Kathmandu and Lalitpur. In each package of BDS and DNI, one community mobilizer with one assistant has been deployed regularly.

4.10 Coordination Meeting
A meeting between safeguard unit of PID and various organizations working under PID in software activities has been conducted in September 2015 with active initiation of CAPC. The meeting was an initiation to establish a strong coordination mechanism between Safeguard Unit (SU)/ PID and all consultants working in software component of the project that comprised with social development/ social safeguard, community mobilization, resettlement, GESI and other concerned contemporary relevant social issues. It was aimed a forum to share progress and achievement, problem and challenges as well as potential solutions among all experts/ specialist and professionals working for the project. It would also provide a formal platform for mutual cooperation, coordination and harmonization among all stakeholders under SU/PID/KVWSIP.

As envisaged by CAPC, the coordination mechanism will be effective in the project for joint planning, monitoring and follow up of all social development, safeguard, community mobilization, resettlement and GESI. It is a functional mechanism that has been started consisting with SU/PID, DSC 02, 03 and 04 and CAPC for the above said purpose. The meeting on 24 September 2015 has decided that the mechanism will review, update and discuss of progress, issues, constraints and challenges of social aspects, Community Development Program and implementation of resettlement, GESI AP as well as monitoring of social development/ social safeguard activities.

The next meeting planned for 29th October 2015 could not be conducted due to fuel shortage and unavailability of consultants from DSC02, 03 and 04. They felt inconvenience to attend the meeting as expressed in response of the email of meeting call and follow-up telephone calls. Consequently, the proposed meeting is postponed. Chief of safeguard unit/PID has suggested conducting such meeting in bimonthly basis instead of each month. CAPC will initiate with close consultation of chief/safeguard unit for next meeting.

Besides, as per the structural organization of PID, all activities performed by CAPC are regularly coordinated with Safeguard Unit of PID. Based on the meeting on 23rd November 2015, CAPC planned to go ahead aligned with SU/PID on community awareness and participation activities of the project. The meeting was quite significant comparing to previous months due to making clear plan that direct the way to go ahead in the critical situation of nation created by the unofficial economic blockade of India and fuel crisis.

4.11 Other Activities
As per the ToR, CAPC additionally has planned some other activities as anticipated by project targeting to capacity buildings and other supports to PID and contractor’s staffs as and when required. Earlier some trainings on construction management, safeguard policy, safety measures and community mobilization were held. In this month, CAPC team visited BDS and DNI zones for orientation and monitoring of minimum safety standards (using safety helpmate, glove, jacket, and booth by labors, available of First Aids box, water jar and emergency vehicle) and the team realized that it should be continued.
CAPC recently plan to organize orientation/training on safety measure and good behavior with community people targeted to construction supervisors and labors of contractors both in BDS and DNI zones.

For this purpose, CAPC has performed different programs/activities regularly as stated above. It also has performed many activities as and when required in compliance of instruction, guidance and notice of PID.

4.11.1 Data Collection of Field Sewer Network

Design and Supervision Consultant-4 (DSC4) is on board to develop sewer system in Kathmandu Valley. It aims to improve sewer transmission line, distribution networks system and treatment plants to purify wastewater produced from households of project area. Rapid and unplanned urban growth and inadequate investment in wastewater management have resulted poor quality wastewater services in the Kathmandu Valley. The disposal of untreated sewage in rivers affects the quality of surface and ground water and increases disease outbreak, health risks, and associated economic burdens, particularly for the poor and socially excluded groups, notably women. The project is broadly applying the priorities identified in the Conceptual Wastewater Master Plan, capital investment and asset management program, and the Bagmati Action Plan, and will be implemented in coordination with the Bagmati River Basin Improvement Project. The resultant synergy of ongoing project is expected to lead to increased efficiencies, greater improvement in service delivery and higher impact on health outcomes and quality of life for inhabitants of Kathmandu Valley.

In the process, most of the data were collected during feasibility study period and project was delayed in implementation level due to some technical problem. To fulfill the gap in-between 2068-2072, Project Implementation Directorate/Kathmandu Upatyaka Khanepani Limited (PID/KUKL) have mobilized some social mobilizers and field supervisors from Community Awareness and Participation Consultant (CAPC) including some staffs from DSC-3. The team was divided into three groups to assess the laid sewer line in-between 2068-2072 in Kathmandu Valley. The secondary data anticipated to support the team of design and supervision consultant for proper management of sewer without duplication and prepare sewer master plan.

Team -1 was lead by Ms. Anju Regmi with Ms. Bhawana Bhatta, Mr. Ananda Chaudhary and Ms. Amrita Bista. They were assigned to collect sewer data from DWSS District offices, Road Division Department, Road Expansion Project and Sewerage Division, Jawalkhel

Team -2 was lead by Mr. Mina Ram Chaudhary with Mr. Min Dahal, Mr. Saroj Shakya and Mr. Laxman Bista. They were assigned to collect sewer data from District Development Committee and Water Division Department

Team -3 was lead by Ms. Anita Gynawali, Mr. Keshab Bahadur Malla, Mr. Amar Thapa, Mr. Dinesh Parajuli Mr. Min Raj Bhandari, Mr. Thakur Khanal, Mr. Pramod Chaudhary, Mr. Puskar Rokaya and Ms. Sabita Thapa. They were assigned to collect sewer data from Municipality and Ward Office of Kathmandu Valley.

The joint team of CAPC and DSC-3 has successfully collected the available sewer data in the month of November and December 2015 by visiting different concerned office of Kathmandu valley despite of fuel crisis in Nepal. The survey has been completed in December.
4.11.2 Bagmati Cleaning Campaign

CAPC has been regularly attended coordination meetings of all stakeholders under the initiation of Chief Secretary of GON. Accordingly, the consultant assisted to PID to coordinate on dissemination of campaign notice, effort to participate PID consultants and involvement of campaign itself actively and supporting in other related activities as required. In July, the team participated in BCC near Manohara Bridge.

Later on, CAPC has been disseminating the notice on regular Bagmati cleaning campaign to all staffs of PID and its consultants as required.

5. Inputs of CAPC’s Experts/Staffs

The total allocated, used and remaining person-months inputs of the CAPC professional experts, field staff, support staff and their joining date along with name and designation up to December, 2015 is given in the Table-10.

Table -11: Inputs of CAPC’s Expert and Staffs

Note: After effective VO 2015, individual input has been revised & updated from August

<table>
<thead>
<tr>
<th>SN</th>
<th>Name</th>
<th>Designation</th>
<th>Date of Joined</th>
<th>Allocated</th>
<th>Input up to November 2015</th>
<th>Input up to December 2015</th>
<th>Used up to December, 2015</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Regular Professionals/Staffs:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Mr. Badri Nath Bhatta</td>
<td>Team Leader</td>
<td>2 Sept, 2012</td>
<td>48</td>
<td>37.88</td>
<td>1</td>
<td>38.88</td>
<td>9.12</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Pramod Bhatta</td>
<td>Sanitation Public Health Expert</td>
<td>2 Sept, 2012</td>
<td>24</td>
<td>12.18</td>
<td>0</td>
<td>12.18</td>
<td>11.82</td>
</tr>
<tr>
<td>3</td>
<td>Mr. Madhav Prasad Joshi</td>
<td>Community Mobilization Expert</td>
<td>2 Sept, 2012</td>
<td>18</td>
<td>15.7</td>
<td>0</td>
<td>15.7</td>
<td>2.3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>replaced to Mr. MP Shrestha on 1 March, 2014</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Mr. Deependra Pokhrel</td>
<td>Community Mobilization Expert</td>
<td>2 Sept, 2012</td>
<td>18</td>
<td>18</td>
<td>0</td>
<td>18</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>replaced to Mr. S Dhakal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Ms. Sharada Rijal</td>
<td>Communication Expert</td>
<td>2 Sept, 2012-30 Sept, 2013</td>
<td>10</td>
<td>10</td>
<td>0</td>
<td>10</td>
<td>0</td>
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<tr>
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<td>Position</td>
<td>Start Date</td>
<td>End Date</td>
<td>Monthly Hours</td>
<td>Total Hours</td>
<td>Subtotal</td>
<td>Rounding</td>
</tr>
<tr>
<td>----</td>
<td>-----------------------------</td>
<td>---------------------------------</td>
<td>------------</td>
<td>----------</td>
<td>---------------</td>
<td>-------------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td>6</td>
<td>Mr. Giri Bahadur Sunar</td>
<td>Community Mobilizer</td>
<td>2 Sept, 2012</td>
<td></td>
<td>30</td>
<td>35</td>
<td>1</td>
<td>36 (6)</td>
</tr>
<tr>
<td>7</td>
<td>Mr. Anju Regmi</td>
<td>Community Mobilizer</td>
<td>1 Nov, 2012</td>
<td></td>
<td>30</td>
<td>33</td>
<td>1</td>
<td>34 (4)</td>
</tr>
<tr>
<td>8</td>
<td>Ms. Anita Jnawali</td>
<td>Community Mobilizer</td>
<td>12 Feb, 2013</td>
<td></td>
<td>30</td>
<td>29.53</td>
<td>1</td>
<td>30.53 (-0.53)</td>
</tr>
<tr>
<td>9</td>
<td>Mr. Keshab Bahadur Malla</td>
<td>Community Mobilizer</td>
<td>1 June, 2013</td>
<td></td>
<td>30</td>
<td>26</td>
<td>1</td>
<td>27 (3)</td>
</tr>
</tbody>
</table>

Sub-total (A) 238 217.29 5 222.29 15.71

<table>
<thead>
<tr>
<th>No</th>
<th>Employee Name</th>
<th>Position</th>
<th>Start Date</th>
<th>End Date</th>
<th>Monthly Hours</th>
<th>Total Hours</th>
<th>Subtotal</th>
<th>Rounding</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Ms. Dibyaswori Napit</td>
<td>Office Secretary</td>
<td>2 Sept, 2012</td>
<td></td>
<td>48</td>
<td>37.43</td>
<td>1</td>
<td>38.43 (9.57)</td>
</tr>
<tr>
<td>11</td>
<td>Ms. Saraswati Nepal</td>
<td>Office Helper</td>
<td>2 Sept, 2012</td>
<td></td>
<td>48</td>
<td>37.79</td>
<td>1</td>
<td>38.79 (9.21)</td>
</tr>
</tbody>
</table>

Sub-total (B) 102 75.22 2 77.22 24.78

<table>
<thead>
<tr>
<th>No</th>
<th>Employee Name</th>
<th>Position</th>
<th>Start Date</th>
<th>End Date</th>
<th>Monthly Hours</th>
<th>Total Hours</th>
<th>Subtotal</th>
<th>Rounding</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Ms. Sharada Rijal (carried on from SN. 5)</td>
<td>Communication Expert</td>
<td>1 Oct, 2013-30 June, 2014</td>
<td></td>
<td>27</td>
<td>23.22</td>
<td>1</td>
<td>24.22 (2.78)</td>
</tr>
<tr>
<td>14</td>
<td>Mr. BR Mayalu</td>
<td>Community Mobilization Expert</td>
<td>19 August, 2015 (Based on VO 2015)</td>
<td></td>
<td>7.83</td>
<td>2.43</td>
<td>1</td>
<td>3.43 (4.44)</td>
</tr>
<tr>
<td>15</td>
<td>Ms. Anju Regmi, Ms. Anita Jnawali, Mr. Keshab Bahadur Malla</td>
<td>Community Mobilizer</td>
<td>1 Nov, 2012, 12 Feb 2013, 1 June 2013, 13 July 2013</td>
<td></td>
<td>66</td>
<td>13.5</td>
<td>1</td>
<td>14.5 (51.5)</td>
</tr>
</tbody>
</table>

Sub-total (A) 238 217.29 5 222.29 15.71

B. Support Staffs:

<table>
<thead>
<tr>
<th>No</th>
<th>Employee Name</th>
<th>Position</th>
<th>Start Date</th>
<th>End Date</th>
<th>Monthly Hours</th>
<th>Total Hours</th>
<th>Subtotal</th>
<th>Rounding</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Ms. Dibyaswori Napit</td>
<td>Office Secretary</td>
<td>2 Sept, 2012</td>
<td></td>
<td>48</td>
<td>37.43</td>
<td>1</td>
<td>38.43 (9.57)</td>
</tr>
<tr>
<td>11</td>
<td>Ms. Saraswati Nepal</td>
<td>Office Helper</td>
<td>2 Sept, 2012</td>
<td></td>
<td>48</td>
<td>37.79</td>
<td>1</td>
<td>38.79 (9.21)</td>
</tr>
</tbody>
</table>

Sub-total (B) 102 75.22 2 77.22 24.78
6. Risks and their Mitigation Measures

Success of the project depends on management of potential risks affecting in its different components during project period. Generally risk management may be defined as the process of identification, assessment and prioritization the impacts of unfortunate events. The team of CAPC is aware on the potential risk factors and their analysis in time based on its integral process along with team experiences and lesson learned from the different project implementation based on risk analysis process. The team has made further commitments that such efforts would help CAPC under KVWSIP for converting potential threats into positive outcomes as possible. Hence, the team has made analysis the situation and gets following mitigation measures based on its social outlooks.

<table>
<thead>
<tr>
<th>Risks categories</th>
<th>Risk level</th>
<th>Mitigation</th>
<th>Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policies related risks:</td>
<td>Medium - high</td>
<td>Contemporary amendments in existing rules and regulation of KUKL so that investment policies will be effective in future.</td>
<td>GoN/ MoUD and KUKL</td>
</tr>
<tr>
<td>Institutional risk:</td>
<td>Medium</td>
<td>Based on the view of learning by seeing, exposure visit to staffs of PID and KUKL and modern training schemes related to different components of KVWSIP can play vital role in this regard.</td>
<td>KUKL/PID/CAPC</td>
</tr>
<tr>
<td>Community risk:</td>
<td>High</td>
<td>Meeting, interaction and information dissemination through various IEC activities</td>
<td>KUKL/PID/CAPC and CBOs</td>
</tr>
<tr>
<td>Vacant of local elected body :</td>
<td>Medium - high</td>
<td>Election of local bodies is very essential from time to time as democratic practices and local representatives have to be strengthened</td>
<td>GoN/ Election Commission of Nepal</td>
</tr>
<tr>
<td>Health, environment and</td>
<td>Low</td>
<td>Apply effective measure for</td>
<td>PID/CAPC/DSC/Contr</td>
</tr>
</tbody>
</table>
### Community Awareness and Participation Consultant (CAPC)/ PID/ KVWSIP

**Safety Risk:** During construction period, dust, noise and others can affect public life. Labor and civil safety have to be considered

- **Medium** dust control and safety measures

**Complex Risk:** Delay in project implementation due to the Bands (closure), strikes and other incidents

<table>
<thead>
<tr>
<th>Safety Risk</th>
<th>Medium dust control and safety measures</th>
<th>Actor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complex Risk</td>
<td>Proceed close dialogue with political parties and other organizations and organize talks at project level incidents</td>
<td>Government’s role for national and district wise happening such occurrences</td>
</tr>
</tbody>
</table>

### 7. Potential Issues and Constraints

Based on the review of different progress reports and consultation with CAPC staffs following potential issues and constraints have been considered:

- The consultant has been performing some activities immediately without any prior notice and planning,
- Coordination among DSCs, contractors and CAPC was not effective earlier as expected. Later, some improvement was observed,
- Due to absence of elected body, the team has been experiencing problems while minimizing the social issues in the community,
- The behavior of contractors’ staffs in BDS and DNI areas is not pleasing and satisfying which sometimes creates barrier in the field. Likewise, the field staffs of some contractors found to be unaware about safety measures during construction works,
- Less cooperative behaviors of people in some subproject areas is obstructing the project activities,
- Most of the schools are not interested for conducting the public education and School health/sanitation program and some time there is vacation and examination, hardly some schools gave time once a week on Friday only, therefore it is very difficult to meet the target of this program,

### 8. Approaches to Address the Potential Issues/Constraints:

Despite some challenges and constraints as stated above, CAPC has taken frequent initiatives to minimize issues in the community. Followings are some significant steps;

- The team is quite enthusiastic, aware and very careful to handle such above mentioned issues,
- Be sincere, organize and carryout/handle immediate activities as instructed by PID. CAPC team coordinates and makes proper planning to perform the immediate actions,
- Rapport build up and conduct consultation regularly in a participatory manner in order to increase positive relation with the community people,
- Create awareness among people, conduct door to door visit, disseminate IEC materials, news story through mass media (print, broadcast and online) to the people regarding project activities,
- Coordinate with respective stakeholders effectively, Such practices are being supportive to proceed the construction work in BDS, DNI and STP areas,
- Follow up regularly for the timely approval of proposals/documents submitted to PID for conduct different orientation, training and workshop to make the project staff, community people and stakeholders more positive on project activities,
- Effectively manage time for conducting the programs in close coordination with schools,
• Organize Ward, VDC and Municipality level meetings with respective representatives despite the lack of elected bodies in local level. So far, CAPC has been conducting these meetings with newly elected members of parliament of concern areas and local popular persons of political parties and key informants as and when required.

9. Planned Activities for Next Bi-Annual Period (January- June, 2016)
• Finalize Baseline Report incorporating of feedback, input and suggestions after receiving from PID and other stakeholders
• Conduct coordination meeting with PID, CAPC and DSCs
• Conduct GESI focused activity
• Publish and broadcast the advertisement in national newspaper and television channel highlighting PID’s activities
• Update and maintain the website of PID
• Published third volume of newsletter in English language
• Prepare proposal for producing and broadcasting radio programs from Mirmire FM
• Regular field visit in BDS, DNI and STPs areas for project monitoring,
• Organize community meeting/consultation for awareness and participation regularly,
• Coordination meeting with DSCs and SU/PID
• Coordinate with DSCs and contractors for construction work within the project areas,
• Assist PID in conducting coordination meeting with concerned stakeholders,
• Arrange minimum standard on safety measures (water jar, safety tool, first aid, toilet and emergency vehicle etc) in each construction site,
• Maintain record of community grievance regularly and forward to PID/ Safeguard Unit,
• Organize GESI sensitization workshop to Project staff,
• Prepare leaflet on GESI, safety measure, waste management safeguard and NRW,
• Conduct regular meeting and interaction with journalists and media person,
• Planned to carry out one activity related to promotion of water conservation, SWM, rain water harvesting and others in each month regularly,
• Conduct a training/ workshop of Non-Revenue Water (NRW) to support staffs; preparation of proposal for the training/ workshop on NRW, approval, arrangement and logistic support
• Other project related activities as suggested by the PID.