



Social Monitoring Report

Project Number: 47229-001
May 2017
Period: July 2016 – December 2016

IND: Uttarakhand Emergency Assistance Project

Submitted by

Program Implementation Unit, (Urban Water Supply Sector), (UEAP), Government of Uttarakhand, Dehrdaun

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Asian Development Bank



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SMI/AS

Ref: 1 00 /PIU-UEAP/99/2015-16

Dated: 15 May, 2017

To,

Country Director
South Asia Department, India Resident Mission,
4 San Martin Marg, Chanakyapuri
New Delhi – 110021



Sub: Loan 3055 IND – Uttarakhand Emergency Assistance Project (UEAP) Semi Annual Social Monitoring Report.

Dear Madam,

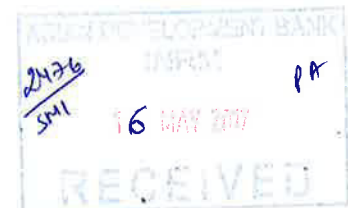
We are submitting the Semi Annual Social Monitoring report for Urban Water Supply schemes of 10 towns under Uttarakhand Emergency Assistance Project (UEAP) for the period of July 2016 to December 2016 for your approval.

Enclosure: As above.

Yours Sincerely

(Ashok Negi)
Dy. Program Manager
PIU- UEAP- UWS

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Uttarakhand Emergency Assistance Project

PIU - Urban Water Supply

(ADB Loan No: 3055-IND)



SEMI ANNUAL SOCIAL MONITORING REPORT

(Period July to December 2016)

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ABBREVIATIONS

ADB	Asian Development Bank
AP	Affected Person
BDO	Block Development Officer
BPL	Below Poverty Line
CAPP	Community Awareness Public Participation
CBO	Community Based Organization
CPR	Community Property Resources
DP	Displaced Person
DSC	Design and Supervision Consultants
EA	Executing Agency
EM	Entitlement Matrix
FGD	Focus Group Discussions
FHH	Female Headed Household
GoI	Government of India
GoU	Government of Uttarakhand
GRC	Grievance Redressal Committee
HPC	High Power Committee
IA	Implementing Agency
IP	Indigenous Peoples
IR	Involuntary Resettlement
PMU	Program Management Unit
PIU	Program Implementation Unit
IPMC	Investment Program Management Consultants
M&E	Monitoring and Evaluation
NGO	Non-Government Organizations
DPs	Displaced Persons
PH	Physically Handicapped
PIU	Project Implementation Unit
RoW	Right of Way
RF	Resettlement Framework
RP	Resettlement Plan
R&R	Resettlement & Rehabilitation
SC	Scheduled Caste
SCDGS	Social & Community Development and Gender Specialist
RP	Resettlement Plan
ST	Schedule Tribe
SIA	Social Impact Assessment
ToR	Terms of Reference
UJS	Uttarakhand Jal Sansthan

UDRP	Uttarakhand Disaster Recovery Project
UEAP	Uttarakhand Emergency Assistance Program
WHH	Woman Headed Household
RWPM	Raw Water Pump house
CWPH	Clear Water Pump house
WTP	Water Treatment Plant
UPCL	Uttarakhand Power Corporation Limited
GLSR	Ground level Service Reservoir
HFRF	Horizontal Flow Roughing Filter
SCADA	Supervisory Control and Data Acquisition System
NRV	Non Return Valve
PCC	Plain Cement Concrete
RCC	Reinforcement Cement Concrete
HFL	High Flood Level
VT	Vertical Turbine

Project Fact Sheet

Loan	3055-IND Uttarakhand Emergency Assistance Project
Subproject	All nine project towns
Executing Agency	State Disaster Management Authority, Govt. of Uttarakhand
Implementing Agency	Uttarakhand Jal Sansthan
Monitoring Period Covered	July– December, 2016

1. Introduction

The Uttarakhand Emergency Assistance Project (the project) envisages rehabilitation and reconstruction of state roads and bridges, tourism infrastructure (including construction of helipads and trekking routes), urban water supply and urban roads which were devastated due to unprecedented cloud bursts, incessant rains, major floods, and landslides in the upper valleys during 15-17 June, 2013. Some major pilgrimage centers in the districts of Bageswar, Chamoli, Pithoragarh, Rudrarayag, Pauri, and Uttarkashi were affected seriously. It is anticipated that the project will provide economic and social revival from the disaster in Uttarakhand state. One of the components is rehabilitation and renewal of urban water supply system in nine (9) selected towns. These are: Devaprayag, b) Srinagar, c) Rudraprayag, d) Karnaprayag, e) Gauchar, f) Bageswar, g) Kapkot, h) Dharchula, i) Uttarkashi. The expected outcome of the project will be economic and social recovery from the disaster that destroyed water supply infrastructures of these towns.

2. Need of the Sub-project

The Subproject of Uttarakhand Jal Sansthan has been taken up for the rehabilitation and augmentation of the damaged water supply schemes of the nine towns of worst effected districts of Uttarakhand state during disaster of 2013. Proposed subprojects would strengthen states scarcity of required quantity of potable water. The subproject will ensure in bridging up the gap between production and supply of potable water for the floating population of next 10 years.

3. Objectives of the Sub-project

The objectives of the subproject are -

- The main objective is to provide emergency assistance to rehabilitate and augment existing infrastructure facilities and utilities pertaining to water supply scheme and restore water supply to the consumers as per the standard supply rate of 135 lpcd.
- Improve water supply level to the consumers as per the standard rate of supply.
- Improve quality of water for consumer supply.
- Rehabilitate / Augment water supply components to meet the prospective demand for another 10 years.

4. Impact and outcome of the Sub-project

There is no adverse impact of this sub project as social impact assessment survey was undertaken in 2013 to identify any land acquisition and resettlement impact due to improvement, rehabilitation and reconstruction of urban water supply system. It was revealed that there is no land acquisition requirement and no Indigenous people will be adversely affected.

The outcome of the subproject is improved drinking water supply which will enable better access to basic services such as health care and improved quality of life of poor's in the project influenced areas and the design and construction standards for the physical infrastructure raised to an appropriate level and the focus is given to build back the same or better.

5. Validation

It is being validated that in all the nine subprojects, previously four subprojects (Uttarkashi, Srinagar, Gauchar and Kapkot) having resettlement impacts. There are neither Indigenous People (IP), nor land acquisition issues. Now in subproject Uttarkashi no any person is getting affected due to Design change in pipeline alignment of rising main .To avoid negative Impacts on livelihood of road side vendors, it was decided by PIU to work in night or early morning hours at Srinagar and Gauchar and due to this decision no impact have been envisaged in Srinagar and Gauchar subprojects.

In Kapkot sub project new design, alignment of rising mains from infiltration well to the GLSR located at Binsar differed from the DPR designs in some places resulting in changes in resettlement impact compared to the earlier impact. Briefly, four title owners are now affected. Of them three were identified earlier and another additional land owner has been included due to fresh impact of changed alignment. Since present involuntary impact has changed to some extent from the impact identified earlier and referred to in the RP of 2013, updated RP has been prepared and approved by ADB.

While verifying temporary resettlement impact in Gauchar, Srinagar, and Uttarkashi changes in the number of affected persons were identified. However, no permanent impacts on structures, property were apprehended in any of these towns.

In Kapkot number of affected land title holders whose land parcels will be temporarily accessed for laying of rising main from the river intake well at Saryu, was reduced due to change in water alignment design. The title holders will have to part away with their land parcels temporarily for laying of rising main from the river intake well at Saryu. The title holders have given their written declaration to allow laying of pipeline through their land which is not a productive land. Summary of resettlement impact assessment shown in RP and as verified in four subprojects towns are shown in table 1.

Table 1 Summary of Resettlement Impact after mitigation measures

Sl No	Sub Project /Town with package no.	Total Number of DPs (as identified in RP)		Total No. of DPs after mitigation		Remarks
		Permanent	Temp.	Permanent	Temp.	
1	Package – UK/UEAP-WSS-GW/02:Srinagar	None	19	None	-	As decided by PIU to work in night or early morning hours due to this decision no impact have been envisaged
2	UK/UEAP-WSS - KU/01– Lot no. 1: Kapkot	None	6	None	4	Out of six three titleholders will not be affected as per changed design and one additional land owner has been included due to fresh impact of changed alignment
3	Package–UK/UEAP-WSS-GW /01–Lot no. 3 :	None	10	None	-	As decided by PIU to work in night or early morning hours due to this decision no impact have

	Gauchar					been envisaged
4	Package– UK/ UEAP-WSS-GW /01–Lot no.4: Uttarkashi	None	14	None	-	Due to design change in pipeline alignment and rising main no impact envisaged

Source: Resettlement Plans and Quarterly progress report for QE Sep, 2015 of Implementing NGO

6. RP Implementation

As it is mentioned in the last Semi Annual Social Monitoring Report (Jan to June 2016) that NGO CREDA has completed process of implementation of RP step by step which is as follows-

1. Initial survey at the project area
2. Identification and verification of the APs
3. Prepration of Micro plan.
4. Prepration of ID cards
5. Disbursement of compensation to the APs through RTGS process on 16/03/2016 total amount for the disbursement was Rs.22000/-, as the impact was temporary.

8. Revised RP and Due diligence report Prepared and submitted.

According to the changes in DPR drawings for alignment of water distribution pipeline and rising mains at some of the subproject towns, a fresh survey for resettlement impact against this alignment design has been organized jointly by PMU, PIU, DSC and implementing NGO. Revised updated RP has been prepared for those towns where significant changes in design have been crated additional /new resettlement impact. In some subproject towns where resettlement impact avoided satisfactorily, a brief DDR has been prepared including final changes with proper reasoning and documentary evidences, such as maps, photos and text etc., for the avoidance of impacts. The DDRs and revised RP has been submitted to ADB for approval. ADB has approved all the DDRs and updated RP of Kapkot and approval details of all the DDRs and updated RP is given in the following table 2 –

Table -2

S.No	Name of town	Package no	Date of submission of DDR / Updated RP	Date of approval from ADB	Category of the Subproject
1.	Kapkot	UK/UEAP-WSS KU/01– Lot no. 1	28/11/2015	11/12/2015	B
2.	Bageshwar	UK/UEAP-WSS KU/01– Lot no. 2	20/09/2016	03/10/2016	C
3.	Dharchula	UK/UEAP-WSS KU/01– Lot no. 3	20/09/2016	03/10/2016	C
4.	Rudraprayag	UK/UEAP-WSS- GW/01–Lot no. 1	15/06/2016	03/10/2016	C
5.	Karanprayag	UK/UEAP-WSS- GW/01–Lot no. 5	15/06/2016	03/10/2016	C
6.	Gauchar	UK/UEAP-WSS- GW/01–Lot no. 3	14/10/2016	20/10/2016	C
7.	Uttarkashi	UK/UEAP-WSS- GW/01–Lot no.4	15/06/2016	03/10/2016	C

8.	Devprayag	UK/UEAP-WSS-GW/01–Lot no. 6	15/06/2016	03/10/2016	C
9.	Srinagar	UK/UEAP-WSS-GW/02	15/06/2016	03/10/2016	C
		UK/UEAP-WSS-GW/02-01			

9. Sub-Project Summary and Implementation Progress of the Sub-Projects

There are total Ten Packages in UWS sector. Work is going on all the packages and it is about to the completion. Before starting construction work Environmental baseline survey, social impact analysis and confirmatory survey has been completed. During Social Impact analysis it was found that in four sub project of UWS, has temporary impact that is Kapkot, Gauchar, Uttarkashi and Srinagar. In Kapkot there were total four APs to which compensation has been disbursed. For other subprojects effort has been made to minimize the resettlement impact by considerable designs and shifting the working hours in the evening or early morning, wherever is required. The physical progress of the project is given in Table 3-

Table 3

S.No	Name of town	Package no	Complete work	Work in progress	Balance work
1.	Kapkot	UK/UEAP-WSS - KU/01 –Lot no. 1	1. Transformer installed above HFL by UPCL. 2. Infiltration Well: Completed. 3. Four nos. VT pumps supply started. 4. HT panel installed.	1. Infiltration well- Trial run & commissioning of scheme is in progress on dated- 1 November 2016. 2. 7711m pipe has been laid and testing for the same has been completed.	Trial Run in Progress
2.	Bageshwar	UK/UEAP-WSS KU/01– Lot no. 2	1. Two pumps commissioned at RWPH Kathayatbada. 2. Two Pumps commissioned at CWPB Kathayatbada. 3. Pannel installed at Kathayatbada.	1. Infiltration well: Electrical work is in progress. 2. Walkway Bridge-flooring work is in progress. 3. WTP-Chlorination fixing work in progress. 4. Alum Godown-Cleaning work & Electro Chlorination suction pipe work in progress. 5 1176 m pipe laid and testing for the same is under progress.	1. Completion of Alum Godown, Road restoration, Chlorination installation.
3.	Dharchula	UK/UEAP-WSS KU/01– Lot no. 3	1. Structure of RCC \intake chamber completed. 2. Structure of 50 KL GLSR Completed. 3. Structure of 25KI GLSR Completed. 4. Structure of 300KI GLSR Completed	1. Chlorinator installed at 300kl GLSR. 2. Bypass arrangement at 300 KL completed. 3. 7958 m pipe has been laid and testing for the same is under progress.	1. Damage pipe line work, Intake chamber & Uttaranchal koop.

			5.Uttaranchalkoop installation completed 6. HFRF completed		
4.	Rudrap rayag	UK/UEAP-WSS-GW/01-Lot no. 1	1. JE, AE & Store room completed. 2. Uttaranchal koop: 3 Nos installed. 3.Pipe line Stream crossing Completed	1. Office building, EE Room, AE Room, JE Room & Store Room completed. 2. Anchor block & thrust block work completed. 3. Boundary wall work completed. Trial run & commissioning of scheme in progress on dated- 1 November 2016. 4. 5880 m pipe has been laid and testing has been completed.	Trial run in progress
5.	Karap rayag	UK/UEAP-WSS-GW/01-Lot no. 5	3.Pipe line Stream crossing work completed.(03Nos) 4.500KL GLSR,150KL GLSR & 35kl GLSR: Completed 5. Office building: Completed. 6.100kl SUMP: Completed. 7. DG set & SCADA panel reached at site.	1. Infiltration well: Civil work completed. 2. Pump House: Civil work completed. 3. Ist Panel room - Plaster work in progress. 4. IInd panel room -Slab concreting work completed. 5. 100KL Sump -Boundary wall work completed. Leakage test done. 6.100KL GLSR- leakage testing work in progress. 7. DG Set-erection completed. 8. Commissioning of pumps (2 Sub + 2 Centrifugal) in progress. 9. Mechanical equipment fitting work in progress. 10. 13575 m pipe has been laid and hydro testing of 10221m completed.	1. Completion of pipe line work including Hydraulic testing, Installation of Valves & protection work. 2. Commissioning of Infiltration well including electro-mechanical works and automation works. 3.150 KL GLSR Boundary wall. 4. Hydraulic testing of 100 KL Sump.
6.	Gauchar	UK/UEAP-WSS-GW/01-Lot no. 3	3.100KI GLSR: Completed. 4. 100 KL SUMPS: Completed. 5. Office building: Completed. 6. DG set & SCADA panel reached at site.	1. Infiltration well: Civil work completed. 2. Pump House: Civil work completed. 3. Ist Panel room - Plaster work in progress. 4. IInd panel room -Slab concreting work completed. 5. 100 KL Sump-Boundary wall works completed.	1. Hydraulic testing of 100kl GLSR & 100kl SUMP. 2. Completion of Pump house. 3. Commissioning of Infiltration well including electro-mechanical works and automation works.

				<p>Leakage test done. 6.100KL GLSR- leakage testing work in progress. 7. DG Set-erection completed. 8. Commissioning of pumps (2 Sub + 2 Centrifugal) in progress. 9. Mechanical equipment fitting work in progress. 10. Land development work in progress. 11. 11120 m pipe has been laid and testing for the same has been completed.</p>	<p>4. 2 No. Panel room. 5. Valve chambers in all pipe lines 6. Boundary wall in 100 KL GLSR. 7. Finishing work in 100KL Sump & GLSR. 8. Pipe line protection work.</p>
7.	Uttarkashi	UK/UEAP-WSS-GW/01-Lot no.4	<p>3. Tube well work completed. (Both TW 45m depth) 4. Pump House: Completed. 5. Transformer, Control panel and pump motor installed at Ramlila ground. 6. Sluice valve - 2nos 150mm, 3nos 100mm NRV- 2nos 150mm Scour valve -1no 150mm, 1no 200mm fixed at site. 7. Electric connection work completed for pump house at Ramlila ground. 8. Pipe line work completed. 9. Filter media work completed at Bhatwadi WTP.</p>	<p>1. Retaining wall 21m length at Gufiyara WTP completed. 2. Bhattwadi WTP -Bulk water meter chamber excavation work in progress. 3. Installation completed of submersible pumps for TW. 4. Valve chamber work completed at Ramlila maidan. 5. Valve chamber work completed at Gufiyara. 6. Interconnection between 100mm dia. pipe to exiting pipe line work in progress. 7. Filter media. Sand arrived at site. 8. Updated Information Board not fixed. 9. 5967m pipe has been laid and testing for the completed.</p>	<p>1. Protection work. 2. Rehabilitation of Gufiyara and Bhatwari WTPs. 3. Automation works.</p>
8.	Devprayag	UK/UEAP-WSS-GW/01-Lot no. 6	<p>3. Two nos. Uttaranchal koop installation completed at Randhi Gaad source.</p>	<p>1. Office Building- Office shifted from old UJS office to new UJS office. 2. Hydraulic testing arrangement stopped. 3. Pipe line connection work & rectification work is in progress. 4. Water has been delivering to consumer work in progress since one week.</p>	<p>1. Completion of pipe line work including Hydraulic testing, Installation of Valves & protection work. 2. Completion of 50kl GLSR including hydraulic testing. 3. Completion of office building</p>

				<p>5. Information Board fixed.</p> <p>6. 13370 m pipe has been laid and testing of 10689m is under progress.</p>	<p>including protection work.</p> <p>4. Commissioning of Uttaranchal koop.</p>
9.	Srinagar	UK/UEAP-WSS-GW/02	<p>3.1000kl GLSR: Completed.</p> <p>4. Office building: Completed.</p> <p>5. SCADA Room: Completed.</p> <p>6. 24 nos. pumps received at site. 19 Nos. installed.</p> <p>(a) 3.75 mld. WTP-CWPH-6nos commissioned.</p> <p>(b) 6mld WTP-CWPH-8nos commissioned.</p> <p>(c)RWPH: 5 nos. installed, 4nos commissioned.</p> <p>(d) Pauri PH: 1 no commissioned.</p> <p>7. DG set reached at site.</p>	<p>1. WTP-Automation work is in progress.</p> <p>2. Pipe line support work is in progress.</p> <p>3.500 kl SUMP: Hydro testing done. Finishing work is in progress.</p> <p>4. MPS-Restoration of approach road & Drain completed. Ground PCC & Stairs work is in progress.</p> <p>5. Fixing of valves on old pipeline at Jalkal.</p> <p>6. Fixing tube settler work in 6mld work is in progress.</p> <p>7. Earth work start -Fixing of Electric poles work in progress.</p> <p>8. Lying of concrete cover block work is in progress.</p> <p>9.500KW DG Set erection completed.</p> <p>10. Dang Tank- finishing work in progress.</p> <p>11. Jointing of 100mm dia pipes line work in progress.</p> <p>12. 200Kl- Finishing work in progress.</p> <p>13. Anchor Block-Shifting of material work in progress.</p> <p>14. 32881 m pipe has been laid and testing of 19598m is under progress.</p>	<p>1. Completion of pipe line work including Hydraulic testing, Installation of Valves & protection work.</p> <p>2. Completion of 200kl GLSR including hydraulic testing.</p> <p>3. Completion of Pump house & Transformer foundation.</p> <p>4. Rehabilitation of 6.0mld, 3.75mld & 2.0mld WTPs.</p> <p>5. Commissioning of pumps including electro-mechanical works and automation works.</p> <p>6. Installation of 50 KW DG Set.</p>
10		UK/UEAP-WSS-GW/02-01	<p>1. Monitoring done of TW no 01, 02, 03, 04, 05 & 06.</p> <p>2. Development of TW 01, 02, 03, 04, 05 & 06 completed.</p>	<p>1. Plastering work of boundary wall work is in progress in tube well No.-5</p> <p>2. Lying of pipe-300mm dia. & 150 mm dia. work is in progress.</p> <p>3. Construction of water sealing work is in progress for tube well no. 1</p> <p>4. Fixing of chain link frame & balance brick work in progress.</p>	<p>1. Commissioning of 06 nos. tube well.</p> <p>2. Boundary wall & Area development.</p>

				5. Construction of Well Cap and man hole on German technique	
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10. Consultation and Participation

Information dissemination and community participatory consultation is a continuous process and is being complied at various stages of the Investment Program. Community Awareness and Participation Program (CAPP) has been initiated right from the beginning of the project preparedness level, and is continued at all levels of implementation. During inception site visit, conducted by the DSC team, participatory consultation and group discussions were organized in an informal manner, with the DPs, local key persons, like, Ward member, Nagar Panchayat chairman. This opportunity was a means of information disclosure of the proposed designs, alignment, details of civil works to be done and the people's view about the project and ADB Policy of involuntary resettlement. The verification survey conducted later by the implementing NGO was next level of consultation to identify people/shop owners/tenants who are likely to lose business for a short period. The cooperation and assistance received from the people during the survey provide evidence of people's need and assurance of cooperation during civil construction work.

The implementing NGO has been conducting series of consultation meetings, focus group discussions (FGD), with the locals, other vulnerable groups to make them aware about safety and security measures, employment opportunity, policy of equal payment for similar work by male and female workers, and similar issues. One disclosure brochure has been prepared in local language for distribution among the community to make them aware about the project. They are also conducting meeting and consultations with community people and labors on health and hygiene with awareness campaigns on HIV/ AIDS and prepared & distributed IEC material on the same. Date and place of activities organized by NGO during the period of July to December 2016 are summarized in a table 4 given below and related photograph is attached as **Annexure 1**.

Table -4

S. No	Location	No of Participants	Date
1.	Nagar Palika Parishad, Sabhagar, Gauchar	169	24.10.2016
2	Gufiyara Water Tank, Uttarkashi	13	23.11.2016



Public consultation At Gauchar



Public consultation at Uttarkashi



Public consultation At Gufiyara



HIV/AIDS awareness campaign at Gufiyara



HIV AIDS Campaign at construction site



Public Consultation at Gauchar