

Environmental Monitoring Report

Semi-Annual Report
September 2014

India: North Karnataka Urban Sector Investment Program

Prepared by Karnataka Urban Infrastructure Development and Finance Corporation (KUIDFC)
for the Government of India and the Asian Development Bank.

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NKUSIP: STATUS OF ENVIRONMENTAL SAFEGUARDS



07.02.2014

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A MONITORING OF ENVIRONMENTAL SAFEGUARDS OF TRANCHE 1, 2, 3 & 4

The **Monitoring of Environmental Safeguards** of the towns of Tranche 1, 2, 3 & 4 is dictated by the "*Note on Monitoring of Environmental Safeguards*"¹ (See Annexure 1). This is essentially a three stage monitoring reported on a monthly basis by AEE, CSS(PC)² & Contractor; ES(PC)³ and ES(RO)⁴.

The following is the **status of reporting of environmental safeguards**:

- At present, the AEEs (of the respective towns - where the contract packages are in progress) are **submitting** the **daily monitoring sheet**, of the 20 critical parameters on the monthly basis, **regularly**. This is being submitted contractor-wise. See **Annexure 2**: May/June 2014 report of Package 1 & 4.
- The ES, RO is now visiting the towns as per the note on monitoring of environmental safeguards.
- **Two out of four packages** are submitting the **monthly environmental monitoring reports** of their towns in the format prescribed by KUIDFC over the last 6 months. (Bellary package is now submitting regularly as ES is onboard)

Further, the environmental safeguards are also appraised in the monthly review package-wise and also town-wise meeting. For example see [http://www.kuidfc.com/WEBSITE/WebPage.nsf/f37b2300a8f98a4d65256e2a002623ee/7ee370b2797c2852652579d9002fc550/\\$FILE/Belgaum%20Division.pdf](http://www.kuidfc.com/WEBSITE/WebPage.nsf/f37b2300a8f98a4d65256e2a002623ee/7ee370b2797c2852652579d9002fc550/$FILE/Belgaum%20Division.pdf) : Belgaum Package - page 11 monitoring of environmental safeguards.

Training is also being conducted on a regular basis to aid the monitoring of environmental safeguards, which is also monitored and reported (See Annexure 2).

¹ Developed by KUIDFC

² Construction Supervision Specialist of Project Consultant

³ Environmental Specialist of Project Consultant

⁴ Environmental Specialist of Regional Office, Hubli, KUIDFC

B STATUS CONSENT FOR ESTABLISHMENT (CFE) OF STP TOWNS

Consultant	Town Name	KSPCB consent for STP			
		received by ULB	received on	validity	Remarks
M/s. DHV India Pvt. Ltd formerly MDP Consultants (P) Ltd., in association with JPS Associates (P) Ltd., Feedback Ventures and Lahmeyer International (India) Pvt.	Bidar	✓	31-Mar-11	3 years	Applied for renewal
	Gulbarga	✓	26-Dec-11	3 years	
	Yadgir	✓	27-Oct-13	1 year	Letter received on 10.02.2014
M/s. Span Consultants Pvt. Limited	Chamarajanagar	✓	24-Nov-11	3 years	
	Hospet	✓	10-Dec-11	3 years	
	Koppal	✓	01-Apr-12	5 years	earlier consent dated 30-Apr-09 for 2 years
	Raichur	✓	20-Jan-10	3 years	Received extention for 1 year again reapplied for another year.
	Sindhanur	✓	19-Mar-14	5 years	
M/s. Span Consultants Pvt. Limited, in association with Ramky Infra Consulting Pvt. Ltd and Ernst & Young Pvt. Ltd	Belgaum	✓	06-Aug-10	NA	
	Gokak	✓	17-May-11	3 years	ULB has applied yet to receive renewal
	Ilkal	✓	19-Feb-11	3 years	ULB has applied yet to receive renewal
	Jamkhandi	✓	22-Aug-11	3 years	
	Rabkavi-Banhatti	✓	27-Jun-12	5 years	
M/s. Wilbur Smith Associates Pvt. Ltd in association with Kirloskar Consultants Limited	Bijapur	✓	31-Mar-11	3 years	ULB applied
	Davanegere	✓	09-Aug-12	5 years	
	Dharwad	✓	23-Jan-13	5 years	
	Haveri	✓	25-Aug-09	3 years	Reapplied
	Hubli-Dharwad	✓	15-Apr-11	3 years	To apply for CFE/CFO
	Ranebennur	✓	23-Oct-09	3 years	Received letter that extension not required from regional office
Grand Total		19/19			

C COMPLIANCE TO COMMENTS/SUGGESTIONS BY THE ADB MISSION DURING 20- 24 JANUARY 2014

Comments/ Suggestions	Action taken by KUIDFC
1. Consultants. Packages 2, 3 and 4 continue NOT to have an environmental specialist consultant deployed. This is affecting performance as shown below. This requires immediate correction. Based on agreed rates, firms are no longer available to find experts with prescribed experience requirements. ADB agreed to reduce the minimum experience requirements to 5 years.	Ravishankar, Environmental Expert, Bellary is in place (Package 4)
2. KUIDFC Staff. KUIDFC only has one environmental specialist overseeing this project in HQ (Bangalore). This is only one of multiple charges for the specialist. Hubli Office has appointed a focal person with an engineering background to coordinate environmental matters. This is however only an additional charge. The Mission urged KUIDFC to deploy a full time environment specialist in the Regional Office to ensure that environmental matters are followed up and monitored regularly.	Done
a. EMPs. The Mission expressed concern about the fact that Package 1 contracts had not yet issued amendments to the contract to include the full EMP, as agreed during the Tranche 4 Due Diligence Mission in July 2013. This must be immediately rectified before 31 January 2014.	<ul style="list-style-type: none"> Letters have been issued by the Municipal Commissioner and Executive Engineer to the contractors incorporating the EMP guidelines into the contract clauses. (Vide letter No. EE/NKUSIP/GBCMC/27A/2013-14/420 dt. 04.02.2014 addressed to The Doshion Veolia Water Solutions Private Limited (03GDG 01A) and Vide letter No. EE/NKUSIP/GBCMC/27A/ 2013-14/ 421 dt. 04.02.2014 addressed to The Doshion Private Limited (03 GDG 01)). Copies of the letters are attached as Annexure 13 (a) and 13 (b)EMP has been given to the Municipal commissioner for issuing to the Contractors (03 DWD 02 and 03 DWD 02A).as addendum to the Contracts Letters have been issued by the Commissioner to the contractors incorporating the EMP guidelines into the contracts. (Vide letter No. Commissioner / CCD/UGD/EMP/2013-14/560 dt. 01.02.2014 addressed to Abhiram Infra Projects Pvt Ltd. (03 DVG 02) and Vide letter No. Commissioner / CCD/UGD/EMP/2013-14/561 dt. 01.02.2014 addressed to HNB Engineering Private Ltd. (03 DVG 02A).
b. Project staff training and contractors training. It has been reported that Hubli Regional Office conducted one training on environmental safeguards on 09-10-2013 aimed exclusively to NGOs (with 40-50 people participation). Training for staff and contractors should be undertaken on or before 31	Bellary and Hubli has completed the training.

March 2014.	
c. Site management plans. Although improvements were noted in most sites visited, provision of sanitation facilities, appropriate securing of slopes/barracading and health and safety equipment needs further enhancement. Monitoring of air and noise emissions also needs to be initiated.	Being enhanced as Environmental Specialist is in place at RO and also at Bellary.
(iii) Consents to establish (CEF). The Mission also noted that several subprojects are only partially compliant with country requirements of securing new CEFs or extending these. Based on KUIDFC's data, the following would need immediate attention: (a) Yadgir, Raichur, Haveri and Ranebennur CFE renewals; (b) obtaining of new fresh CEFs for Sindhanur.	Yadgir – Obtained for 1 year Raichur – Received extension for 1 year again reapplied for another year. Haveri – Requested for extension Ranebennur – letter issued by REO that there is not need of extension Sindhanur – obtained
(iv) Semiannual Monitoring Reports. Environmental monitoring reports are due to be submitted semiannually in June and December. The last environmental monitoring report was submitted in July 2013. The next one should be submitted by 31 January 2014.	To be discussed and submitted as it comes to 20-25 pages per town. However, the previous format is ready for submission. Consultants are of the opinion that the same format can be continued.
(v) Monthly Monitoring Reports. Monthly monitoring reports were institutionalized under NKUSIP. Unfortunately, these are not being submitted regularly. Packages 2 and 4 have not submitted any monthly monitoring reports for 3 months	Package Hubli is submitting regularly; Now also Bellary package is submitting
(vi) IEEs for new Subprojects. The following subprojects require the immediate drafting/updating of IEEs: Raichur (Hosur) sewerage, Ranebennur sewerage. Without these and the adequate attachment of EMPs to the contract, the award could not be considered.	Submitted for Ranebennur sewerage in Mar, 2014; Raichur Sewerage (Hosur) IEE is being modified

ANNEXURE 1

**EMP MONITORING REPORT OF PACKAGE 4 –
MAY 2014**

A
Note
on
Monitoring on Environmental Safeguards
under NKUSIP



**Karnataka Urban Infrastructure
Development and Finance
Corporation (KUIDFC)**

1. INTRODUCTION

North Karnataka Urban Sector Investment Program (NKUSIP) proposes to improve the environmental quality of the urban areas through better urban infrastructure facilities and thus improve living conditions of the urban people.

In the wake of poor infrastructure facilities and services such as water supply, sewerage and sanitation and solid waste management, the risk of infectious diseases through exposure to unhealthy environment runs high, particularly for the urban poor. Hence, the proposed Investment Program aims at minimizing or mitigating the risk and ensures the well-being of people.

The Investment Program's goal is to facilitate economic growth in the towns/cities of North Karnataka and bring about urban development through equitable distribution of urban basic services to the citizens that are environmentally sound and operationally sustainable. To achieve this goal, it is essential that the environmental safeguards are implemented as given in the Initial Environmental Examination (IEE) report and monitoring of the impacts and mitigation measures is essential during the pre-construction, construction and operation phases of the program.

This note details the roles and responsibilities, monitoring and reporting of the various officers/officials involved in the program so as to accomplish environmentally sustainable implementation and operation of the infrastructure projects of NKUSIP.

2. INSTITUTIONAL ROLES AND RESPONSIBILITIES

Investment Program Phase	Activity	Details	Responsible Agency
Pre construction phase	Investment Program Categorization	Conduct Rapid Environmental Assessment (REA) for each subcomponents using REA checklists	ULB
		Reviewing the REA and assigning Investment Program category (Ea/Eb/Ec) based on NKUSIP Environmental Assessment Guidelines and ADB Guidelines	PMU
	Conducting EA	Conducting IEE/EIA based on the Investment Program categorization Conducting Public Consultation and information disclosure Preparation of SIEE/SEIA	Investment Program Consultants
	Investment Program clearances	Fulfilling GoK/Gol requirement such as clearances from other Government Agencies	ULB
	Review of EIA/IEE	Reviewing the EIA/IEE and SEIA/SIEE Reports to ensure compliance of the report as per ADB Guidelines and approval of the same	PMU
	Disclosure of SEIA/SIEE	Information disclosure -SIEE/SEIA reports should be made available to the public, and on request IEE/EIA also made available.	ULB
	Incorporation of mitigation measures into Investment Program design	Incorporation of necessary mitigation measures identified in IEE/EIA in Investment Program design and in contract documents.	Investment Program Consultants
	Review of design documents	Review of design and contractual documents for compliance of mitigation measures	PMU
Construction Phase	Implementation of mitigation measures	Implementation of necessary mitigation measures	Contractor
	Environmental Monitoring	Environmental monitoring as specified in monitoring plan during construction stage; monitoring of implementation of mitigation measures	Investment Program Consultants
	Preparation of progress reports	Preparation of monthly progress reports to be submitted to PMU including a section on implementation of the mitigation measures	Investment Program Consultants
	Review of progress reports	PMU to review the progress reports, consolidate and send to ADB review	PMU
Operation Stage	Environmental Monitoring	Conducting environmental monitoring, as specified in the environmental monitoring plan.	ULB
	Compliance Monitoring	Compliance monitoring to review the environmental performance of sub-project component, if required and as specified in Monitoring Plan	KSPCB

3. MONITORING BY CSS, CONTRACTOR & AEE (NKUSIP)

CSS, Contractor and AEE will be monitoring the critical environmental safeguards in the format provided as **Box 1**. Submit report (hard copy and soft copy) before 5th of each month for each sub-component project of the town to PC by AEE (NKUSIP).

Box 1: Monitoring Format

CITY, Package No. & Name of Work Description of work ongoing:																																
Locations of work ongoing:																																
		Month: _____ Work completed (% to total) : _____ Date of Commencement and Completion : _____																														
		DAY - tick (✓) for Complied, x for not applicable and blank for not complied																														
SN	Parameters	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Direction boards, warning boards/signs, etc provided																															
2	Safety measures (barricading and warning signs) for Excavated Earth																															
3	Watering for dust mitigation undertaken																															
4	Project Sign Board provided with complete details including contact no.																															
5	Blockage clearance of drains done																															
6	Clearing of Debris to avoid obstruction to vehicles and walking done																															
7	Trenches are opened and filled in the least possible time																															
8	Proper disposal of debris done																															
9	Proper coverage to vehicles while transporting debris provided																															
10	Wetting stockpiles of sand and metals carried out																															
11	Contamination of groundwater / surfacewater is not noticed																															
12	Informed public of work in the area																															
13	Construction work stopped during night and early morning hours																															
14	Access to public and private properties provided																															
15	Alternative Traffic Plan provided especially for vehicles and pedestrians																															
16	No Persons below under the age of 14 employed																															
17	Workers wearing helmets, gloves and boots, etc																															
18	Hardship and inconvenience to public/business grievance received																															
19	Health and Safety Talk conducted by Contractor before the start of work																															
20	No. of labours as per attendance register																															

4. MONITORING BY ENVIRONMENTAL SPECIALIST (PC)

Visit each town once in a month and observe the compliance of the EMP against the IEE for each sub-component. The dates of visit to be intimated to PIU/DO/RO/PMU in advance.

Training of officers involved in the project on EMP monitoring as given in IEE or as required.

Submit a report (hard copy and soft copy) to RO office once in a month before 7th of each month having the contents as given in **Box 2**.

Box 2: Contents for Environmental Safeguards – Monthly Report

Town-wise (2 pages per town)

Permissions/Consents (list of relevant permits, clearances, etc and status of obtaining these)

Field Visits (sites visited, dates, persons met)

Training (Nature of training, number of participants, date, location, etc.)

Progress of Work (% physical completion)

Design/Location/Preconstruction Stage Monitoring

Construction Stage Monitoring

Operation Stage Monitoring

Occupational Health Risks and Safety Plan for Workers

Redress of Grievances (type of grievance, date, persons, etc.)

Summary and Conclusions per town (1 para/table)

Deviations and Corrective Actions Taken (***will include the environmental consultant visit each town once in a month***)

APPENDIX

Consent

Permissions

Monitoring data (water/waste water)

Photographs (with appropriate captions like date, location, component)

Maps

Filled up Monitoring Sheet received from AEE

Compliance as informed by ED/GM(ADMN)

5. MONITORING BY ENVIRONMENTAL SPECIALIST (RO-KUIDFC)

Visit few towns in each package once in a month and observe the compliance of the EMP as given in the IEE for each sub-component. The dates of visit to be intimated to PIU/DO/RO/PMU in advance.

Training of officers involved in the project on EMP monitoring as given in IEE as required.

Submit consolidated reports once in a month to PMU before 9th of each month.

6. MONITORING BY ENVIRONMENTAL SPECIALIST (HO-KUIDFC)

Visit to towns and conduct training as & when required.

Analysis and consolidation of reports submitted by RO.

Submission of reports to ADB.

7. GOOD PRACTICES FOR DOCUMENTATION

EMP compliance documentation by Environmental Specialists should include the following; these are generally the good practices in other KUIDFC projects.

- Date of visit
- Place of visit and person(s) meet
- Whether mitigation measure being is being complied to, if no, why
- Action taken on non-compliance
- Photograph of environmental safeguards / current situation

8. CONCLUSIONS

EMPs provide a critical link between the IEE report required for Bank's appraisal and environmental compliance during project implementation/operation.

Integration of EMP evolving national/state EIA procedures is an elaborate but essential task.

Quality of EMP preparation and its integration into project design and operation has a strong impact on the quality of environmental compliance on the ground.

EMP requirements are legally binding on the construction/installation contractors..., but only when they are part of their agreements.

Supervision of EMP implementation is an not only an integral part of the Bank's project supervision process but also to attain an environmentally sustainable implementation and operation of the infrastructure developed under NKUSIP.

ANNEXURE 2

**EMP MONITORING REPORT OF PACKAGE 1 –
MAY 2014**

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1. EMP for Bijapur

1.1. Introduction – Bijapur Town

The components taken up for Bijapur are detailed in the following Table.

Package	Sub Project	Physical Completion (%)	Date of Award	Date of Completion	Date of Extensions if any
02 BJR02	Sewerage System (District 1A)	41.8	01.02.2011	31.07.2012	31.07.2014
02BJR02A	Sewerage System (District 2A) with STP	53.1	01.02.2011	31.07.2012	31.07.2014
02BJR02B	Sewerage System (District 1B, 2A, 2C, 2D & 3A)	59.6	20.04.2011	19.10.2012 19.10.2013	19.04.2014 Applied for extension

The Initial Environmental Examination (IEE) Report was approved by ADB in the year 2009. The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections.

1.2. Permissions/Consents/Clearances/Approvals:

Particulars	Sub Project	KSPCB	Railway	NH	PWD	KPTCL/HESCOM	Forest	Minor Irrigation	Irrigation*
Consent/ Clearances / Permissions/ Approval Status (Date of Clearance and completion status)	UGD & STP	31 Mar. 2011 (Validity 30-Mar-2014- Instructed to apply for renewal)	19 Dec 2012 (Two Crossings)	5 Jan. 2012 (Five Nos. NH crossing and Three nos along NH)	25 July, 2011 Total 205 crossings & 62 along	X	NA	NA	NA
Completion Status					11 completed				

Note: For details refer Monthly Progress Report April 2014.; NA-Not Applicable; * for drawal for water from reservoir for demand of year 2041/2044

1.3. Field Visits & Training Conducted

Activity	Date	Sites Visited	Persons Met	Remarks
Field Visit	21 st May 2014	02 BJR02 APMC Gate Trenching for sewer lines	Mahalingapur, CSS Jadhav, RE	Trench was dug on the main road in front of the APMC gate. No warning board or diversion board has given in the site. No barricade or side tape along the trench. Trenches and excavations are left open without any protection on the side of the main road, causing serious threat to the public. Workers were not having any PPEs. Instructions were given in this regard, at this site, in the previous visits also, but not complied yet.

Activity	Date	Sites Visited	Persons Met	Remarks
		APMC Market inside; Trenching for Sewer lines	Mahalingapur, CSS Jadhav, RE	.No barricade or side tape given at the trench. The first aid box is not kept in the hygiene condition in the excavator. Workers were not having PPEs.
		Station Back Road Trenching for Sewer lines / Restoration of the road.	Mahalingapur, CSS Jadhav, RE	Busy road with traffic. Manholes were found kept open without any cover or protection throughout the road. The trench at the tri junction also not having any protection. No laborers or contractor staff was present. The restoration of the road is not satisfactory. Debris found not cleared fully from the road. The roads were not restored into the initial condition.
		Near Railway track Trenching for sewer lines.	Mahalingapur, CSS Jadhav, RE	Residential area. Deep excavation of about 5-6 meter deep. Trenches dug at multiple locations. No warning board or barricades provides. Excavations left with no protection.
		Lingad Road Trenching for sewer lines	Mahalingapur, CSS Jadhav, RE	Work in progress in a busy road. No road diversion board / caution board given. Manholes and trenches are kept open without any protection is causing potential danger to the public. First aid kit was not available at the work site. Workers were not having PPEs.
		Babeeshwar Nakka Trenching for sewer lines	Mahalingapur, CSS Jadhav, RE	Residential area. Deep excavations of 5-6 meter deep with no side protection like barricading or caution tape. No traffic diversion board or warning board has given. Laborers were not having PPEs. First aid kit not available either at the work site or with the excavator.
		02 BJR02A STP Site	Mahalingapur, CSS Jadhav, RE Nagaraj, RE Kulkarni, Site Engr	Workers were not having PPEs. First aid kit not available at the site office or work site.
		Ring Road, Trenching for Sewer Lines	Mahalingapur, CSS Jadhav, RE Raja Rao, Site Engineer Rajasekhar , Supervisor.	Busy road. No warning board, barricade or caution tape provided. Workers having no PPEs like helmets or boots. Excavators are working from the road without any traffic warning boards / diversions.

Activity	Date	Sites Visited	Persons Met	Remarks
		Sanjeevani Hospital. Trenching for sewer lines	Mahalingapur, CSS Jadhav, RE Muhammed Jubair, Supervisor	No warning board, barricade provided. Caution tape provided partially. But the tape provided at the ground level. Workers having no PPEs like helmets or boots.
		02 BJR02B Asharam Nagar Trenching and restoration of roads. .	Managooli, RE Muthappanar, AE Biradar, Site Engr.	Work in progress in narrow roads in residential areas. Caution tape provided at one end only. Manholes and trenches left open without cover or any protection like fencing or warning board. Debris not cleared completely in the restored roads.
		Gandhi Nagar Sewer pipe laying	Managooli, RE .	Open area next to residential lay out. No board or barricades given. No caution tape along the trenches. Cattles grazing near the open trenches.

1.4. Compliance to EMP

Particulars	Sub Project	Complied	Compliance to EMP
Design/Location/Preconstruction Stage Monitoring	Sewerage System. & STP	√	Details on EMP page 55 of Initial Environmental Report, October 2009, is made part of Contractor Agreement, viz., Page No. 30-31 (02 BJR 02) Page No. 31-32 (02 BJR 02A); Page No.29-30 (02 BJR 02B)
Construction Stage Monitoring	Sewerage System & STP	√	Contractor's compliance with EMP is monitored by the RE and AEE at NKUSIP Cell on daily basis (Provided in Annexure 1, 2 & 3)
Occupational Health Risks and Safety Plan for Workers	Sewerage System & STP	√	Contractor's compliance with EMP needs to be improved and strengthened. The photographs are enclosed as Attachment 1. Also see Annexure 1,2 & 3.

1.5. Compliance to Mitigation Measures – Construction Phase

Impact Description	Significance of the Impact	Mitigation Measures	Compliance
Inconvenience to access business, residential, schools, hospitals, places of worship and other immediate facilities for the public and impact on livelihood due to loss of access to business.	M/T The access for business and other facilities along the proposed sewer laning areas will be disturbed during construction period.	During construction period, planks / makeshift pathways should be provided along the construction areas for the public to access their requirements for residential, shopping and other facilities. Any business losses will be compensated as per the Resettlement Framework. Contractor shall deploy more work force for speedy completion of activities in these areas. Shop keepers will be informed prior to construction along the commercial areas.	Partly Complied. Shop keepers are given advance information. Makeshift pathways are not provided at the sites.
Inconvenience to public during pipe laying along thick commercial areas and narrow streets; where public facilities are located.	M/T Reduced pedestrian and vehicle access to residences and businesses	Construction should be expedited in the least time frame. Activities requiring maximum access control should be done during non-peak hours. Excavation along the road should be done in such a way that entire stretch will not be trenched at a time. Traffic management with diversion through alternate routes will be implemented by providing adequate sign boards. Trenching and pipe laning along the traffic routes will be planned and integrated to avoid retrenching / modifying trench during pipe laning along the same lane. The locations where both drain and sewer lines have to construct, the opportunities for completing construction activities at a time will be sought.	Partly Complied Construction are completing in the least time frame. Traffic is diverting where there is a blockage to the road. But traffic diversion boards and barricading are not adequate at most of the places.

Impact Description	Significance of the Impact	Mitigation Measures	Compliance
Destruction of buildings due to vibration during construction activities.	M/P Permanent destruction of buildings	Buildings of risk will be identified prior to construction and pneumatic drilling will be avoided in these areas.	Complied No damage happened due to the construction activities. Instructed to take identify buildings of risk, before starting the excavation.
Nuisance due to dust and noise; road blocking due to laying of sewer network; and, increased traffic flow due to vehicle movement for construction activities.	M/T Dust generation may be significant as the dry weather condition prevails in the town.	Construction material shall be stockpiled to minimize traffic blockages. In case of excavations for sewer lines in busy streets such as central areas of the town (market area, old town area), adequate arrangements for traffic diversion including prior intimation and by erecting proper sign board shall be provided. Considering the market and dense residential areas in the core town area, preparation of construction site management plan is necessary. Poor performance of the contractor may potentially exacerbate these impacts and therefore qualified contractors to be appointed. The contracted work includes the implementation of construction site management plan, which will address these issues.	Partially complied. Adequate hard barricades are not provided at most of the sites. Sign boards are not provided at all the sites. Construction Materials are stock piled in many places. Management Plan has not prepared.
Noise from construction of STP and lying/ rehabilitation of sewer network activities.	M/T Sewer network will be laid all over the town including high density areas. As the proposed STP is located away the habitation, as far as laying of sewer network is considered, the dust and noise nuisance may be	Concrete roads where trenching is done through Pneumatic drilling will be providing fencing to avoid noise and air pollution. Construction material shall be stockpiled. Adequate arrangements for traffic diversions including erection of proper sign boards. Dust generation must be arrested by water spraying. Ensure usage of standard equipment to reduce the noise nuisance. Equipment shall comply with the noise levels of construction equipment laid out by the CPCB. High noise generating activities including material unloading shall be	Complied. Arrangements for traffic diversion are done. No high noise generating machines or vehicles are employed in the work site. No work activities during the night. Construction Management Plan has not prepared.

Impact Description	Significance of the Impact	Mitigation Measures	Compliance
	considerable in the core town area and in all other areas it may be negligible.	avoided during nights. The surrounding people shall be informed, especially in densely populated area, of nature and schedule of the high noise generating activities, if any A construction site management plan shall be prepared. Poor performance of the contractor may potentially exacerbate these impacts and therefore qualified contractors to be appointed. The contracted work includes the implementation of construction site management plan, which will address these issues.	
Improper disposal of Bituminous waste	M/P	Bituminous waste top be disposed in approved waste disposal sites.	Partly Complied. Wastes and debris are depositing at pre-identified locations. But in many sites, these are not cleared completely.
Stockpiling of excavated soil creating dust emission during windy weather and also during transportation for reusing. Plying of lorries transporting soil during peak hours and narrow / heavy traffic routes	M/T Inconvenience for public travel. Chances of accidents for motorists due to dust emission from uncovered lorries. Traffic congestion in narrow / busy corridors	The excavated soil should be removed from construction area at the earliest for beneficial reuse such as land raising / filling of excavated areas. Soil should be covered with tarpaulin sheets during transportation. Soil transportation should not be done during peak hours and should be avoid narrow and heavy traffic routes important religious or tourist sites etc.	Partly Complied. The excavated soil, remaining after back filling is clearing off from the sites immediately. But in many sites it is noticed that the excavated soil is not clearing completely from the site. Transportation are done during non-peak hours only.
Improper handling of excess soil	N/T	Excess soil should not be piled up along the construction areas and shall be disposed in low laying areas other than water bodies	Partly Complied. Excess soils are disposing immediately after back filling. but not completely removed in some sites
Rain / ground water collection in excavated areas.	M/T	Trenching and sewer laning should be planned to be completed in seasons other than rainy season. If ground water is collected in trenches, the water	Complied. Most of the excavation activities are scheduled during the non-rainy season.

Impact Description	Significance of the Impact	Mitigation Measures	Compliance
		should be pumped out and opportunities for channeling to agricultural fields for irrigation should be sought.	
Economic benefits if local people are employed in Contractor's workforce	M/T Sourcing of local employers will give employment opportunities for local people and also avoid influx of labours from outside and competition for basic resources such as water, shelter, health care etc.	Contractor should employ at least 50% of workforce from local communities.	Complied. Local people are employed wherever possible, especially in sewer pipe laying works
Construction near to protected monuments.	M/P Damage to protected structures.	All necessary and adequate care should be taken to minimize the impact on protected properties If articles such as fabrics, coins, artifacts, structures or other geographically or archaeologically important materials are discovered, the excavation should be stopped and the Archaeological Department should be intimated at the earliest and all the articles received during sewer lining should be handed over to ASI. Bijapur CMC should include the above instruction in the contract document	Complied. None of the present activities are near to any protected monuments.
Risk for workers and public due to accidents at site.	M/T	Health and Safety plan should be prepared and implemented at site and workers should be trained for safe working practices, using of machineries and immediate response at emergencies. Construction area should be properly isolated with temporary fencing to avoid accidents to public. Construction workers should be provided with Personnel Protective Equipments and should be	Partially Complied. PPEs are not provided at many sites. Safety measures like barricading, warning boarding, caution tapes are not adequate in all the sites.

Impact Description	Significance of the Impact	Mitigation Measures	Compliance
		made compulsory to wear during working hours.	
Impact on construction workers during sewer lining along existing sewer / abandoned water supply network with AC pipes.	S/T AC dust can be carcinogenic if inhaled as dust particles	Train all construction personnel in dangers of AC pipes and how to recognize them in situ Develop and apply protocol if AC pipes are encountered. This should include: <ul style="list-style-type: none"> • Immediate reporting of any occurrence to management • Removal of all persons to a safe distance • Use of appropriate breathing apparatus and protective suits by workers delegated to deal with AC material • Safe removal and long-term disposal of AC material 	Complied. AC pipes are not using at any of the work sites.
Loss of trees during sewer laning.	N/P	No tree cutting is envisaged; each tree lost should be replaced with two trees. The plantation should be done at the onset of monsoon immediately after completing the construction along the identified corridor. Saplings should be provided with protective fencing and survival should be ensured by Contractor with monitoring by CMC, Bijapur.	Complied. No tree cutting at any of the on going stretches.
Inconvenience to Tourist due to construction near tourist destinations or main tourist transport corridors	M/T Impact on tourist movement will affect local economy.	Project activities should be planned with due care to avoid tourist seasons.	Complied.
Impact on public due to destruction of public utilities such as water pipes, electric / telephone lines etc.	M/T	The impacts on utilities will be repaired and restored in the least time frame in with the support of concerned authorities.	Complied. Any destruction or interruption to utilities are restoring on the same day or with least possible delay.

1.6. Redress of Grievances

Sub Project	Registers Maintained	No. of Grievances received in the month	Action Taken
Sewerage System -02 BJR 02	Registers were not available for inspection	0	NA
Sewerage System - 02 BJR 02A & STP		0	NA
Sewerage System - 02 BJR 02B		0	NA

1.7. Labour Registration

The renewed labour license for 02 BJR 02, 02BJR 02A packages (Form - VI (See Rule 25 (1) are attached as annexure 14 (b) and (c) in this report. . The copy of renewed licence for 02BJR02B is given as annexure 14 the EMP report for the month March 2014.

1.8. Summary and Conclusions

EMP monitoring being done daily (see Annexure 1, 2 & 3) on the critical issues and following improvements/ positive developments are observed.

SI	Details	Compliance Status
1	Display of IEE Executive Summary in Kannada on Notice Board of NKUSIP Cell office and CMC office	Complied on 22.08.2011
2	KSPCB's CFE Condition (V.7),	Complied on 15.07.2011
3	Letter to Town Planning department informing the KSPCB's CFE Condition (I.3), for maintaining 50- 100 mts buffer zone around the sewage treatment plant area.	Complied on 08.11.2011
4	Documentation mechanism of grievances is evolved and entered in the Grievances register and being maintained	Complied
5	Road Restoration	Partly complied.
6	Personal Protection Equipment to the workers and First Aid Kit at the work site	Partially Complied. PPEs and FA kits are not available in all the worksites.

However, the following issues need to be addressed,

SI	Issues/Deviations	Comp. Status	Corrective Actions to be taken
1	Personal Protection Equipment and First Aid kit	Partly complied	The respective contractors should be instructed to provide necessary PPEs to all the workers in the site.
2	Barricading and caution Tape	To be Complied	Barricading should be compulsorily provided along the road sides and residential lanes. Where there is partial or full closure of traffic road, diversion board should be provided.
4	Labour License	Complied	NA
5	As per KUIDFC MD's Circular no. KUIDFC/PPD/NKUSIP/R&R/2009-10/1650 dated 07/08/2013, (1) Metal barricading must be compulsorily ensured (2) All the Contractors should have a Health, Safety and Environment Person who must possess at least a diploma or certificate course in Occupational Health and Safety	(1) Partially complied. (2) Not complied	(1) Metal barricading must be provided at all work sites. (2) Contractors should appoint qualified health, Safety and Environment person.

Attachment 1 – Bijapur Photographs

02 BJR 02 Sewerage	
LOCATION: APMC Gate	Date : 21.05.2014
	
Trenching sites without any protection measures	
LOCATION: APMC inside the market	Date : 21.05.2014
	
No board, barricade, tape provided	Excavated materials piled at the work site
LOCATION: Station Back Road	Date : 21.05.2014
	
Trenching site in the junction without any protection	Debris not cleared completely from restored road

LOCATION: Near Railway Track	Date : 21.05.2014
	
Excavation site without fencing and barricades	No side protection provided at residential area
LOCATION: Lingad Road	Date : 21.05.2014
	
Manhole left uncovered	Trenching site without board, fencing and PPE
LOCATION: Babeeshwar Nakka	Date : 21.05.2014
	
Deep excavations in residential area without fencing	Excavation in main road without traffic diversion/ board

02 BJR 02A Sewerage and STP

LOCATION: STP site

Date : 21.05.2014



Workers at STP site, without PPEs

LOCATION : Ring Road

Date : 21.05.2014



No traffic diversion, sign / warning board.



No caution board / tape, barricading

LOCATION : Sanjeevani Hospital

Date : 21.05.2014



Trenching site without board, barricade and fencing



Caution tape provided partially

02 BJR 02B Sewerage

LOCATION : Asharam Nagar

Date : 21.05.2014



Trenching in residential area. No side protection



Caution tape provided partially at one end only

2. EMP for Gadag- Betageri

2.1. Introduction – Gadag- Betageri Town

The components taken up for Gadag-Betageri are detailed in the following Table.

Package	Sub Project	Physical Completion (%)	Date of Award	Date of Completion	Date of Extensions if any
03GDG01	Water Supply	5.38 %	23.11.2013	23.08.2015	NA
03GDG01A	Water Supply with WTP	26.66 %	17.10.2012	17.07.2014	NA

The Initial Environmental Examination (IEE) Report was approved by ADB in the year 2012. The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections.

2.2. Permissions/Consents/Clearances/Approvals:

Particulars	Sub Project	KSPCB	Railway	NH	PWD	KPTCL / HESCOM	Forest	Minor Irrigation	Irrigation*
Consent/Clearances/Permissions/Approval Status (Date of Clearance and completion status)	Water Supply	NA	NA	30-Nov-2011 (3.4 km)	02.03.2012	31.12.2011	NA	NA	29.01.2011 (50 MLD) 16.11.2011 – Jack well

Note: For details refer Monthly Progress Report April 2014.; NA-Not Applicable; *for withdrawal for water from reservoir for demand of year 2041/2044

2.3. Field Visits & Training Conducted

Activity	Date	Sites Visited	Persons Met	Remarks
Field Visit	20 th May 2014	03GDG01		
		Khatapur Rice Mill Trenching and pipe laying	Sham, RE Akbar, Site Engr Malleshwar Rao, Safety officer, Paul, site in charge	On the side of busy road. Provided warning board and barricade. Caution tape provided partially only. Workers were wearing helmets. FA box available at the excavator.
		Dhoni Cross Trenching and pipe laying	Sham, RE Akbar, Site Engr. Malleshwar Rao, Safety officer	On the side of the busy road. Warning board and barricade provided at one end only. Not all the workers were having helmets. Caution tape provided along the side of trench. No first aid kit available at the excavator.
		03GDG01A Papanasini Trenching and pipe laying	Deshpande, RE Shamrai, RE Sandeep, Project	Trenching in progress on the side of busy road. Diversion board and barricades provided. But the caution

Activity	Date	Sites Visited	Persons Met	Remarks
		WTP Cementing of the sump and footing the concrete.	Manager Ramesh, Site Engr. Shyam RE Sandeep, Project Manager.	tape provided partially only. Helmets not provided to all the laborers. First aid box not available at the excavator. Project information board provided. Caution board provided at the excavation. First aid kit kept in the site office. Workers are having helmets. No caution tape or barricade around the excavation.

2.4. Compliance to EMP

Particulars	Sub Project	Complied	Compliance to EMP
Design/Location/ Preconstruction Stage Monitoring	Water Supply	Complied	Letters have been issued by the Municipal Commissioner and Executive Engineer to the contractors incorporating the EMP guidelines into the contract clauses. Copies of the letters are attached as Annexure in the December 2013 EMP monitoring report.
Construction Stage Monitoring	Water Supply	Complied	Contractor's compliance with EMP is monitored by the RE and AEE at NKUSIP Cell on daily basis (Provided in Annexure 4 & 5)
Occupational Health Risks and Safety Plan for Workers	Water Supply	Complied	Contractor complying with EMP but need to be improved. The photographs are enclosed as Attachment 2a and 2b. Also see Appendix 4 & 5.

2.5. Compliance to Mitigation Measures – Construction Phase

Field	Anticipated Impact	Mitigation Measures	Compliance of Mitigation Measures	
			03GDG01	03GDG01A
Sources of Materials	Extraction of rocks and material may cause ground instability	(i) Use quarry sites and sources permitted by government; (ii) Verify suitability of all material sources and obtain approval of Investment PMU; (iii) If additional quarries will be required after construction has started, obtain written approval from PMU; and; (iv) Submit to CSS on a monthly basis documentation of sources of materials.	No construction works	Complied. Monthly report on sources of materials is not submitted.
Air Quality	Emissions from construction vehicles, equipment, and machinery used for excavation and construction resulting to dusts and increase in concentration of vehicle-related pollutants such as carbon monoxide, sulfur oxides, particulate matter, nitrous oxides, and hydrocarbons)	(i) Consult with PMU/CSS on the designated areas for stockpiling of clay, soils, gravel, and other construction materials; (iii) Damp down exposed soil and any stockpiled on site by spraying with water when necessary during dry weather; (iv) Use tarpaulins to cover sand and other loose material when transported by trucks; (v) Fit all heavy equipment and machinery with air pollution control devices which are operating correctly.	Partly complied. Designated areas of stock piling has not identified Excess soils and stock piled on the site itself, not transported to dumping site. Loose materials are not transporting without cover	Partly complied. Designated areas of stock piling has not identified Excess soils and stock piled on the site itself, not transported to dumping site.
Surface water quality	Mobilization of settled silt materials, run-off from stockpiled materials, and chemical contamination from fuels and lubricants during construction works can contaminate nearby surface water	(i) Avoid stockpiling of earth fill especially during the monsoon season unless covered by tarpaulins or plastic sheets; (ii) Prioritize re-use of excess spoils and materials in the construction works. If spoils will be disposed, consult with PMU/CSS on designated disposal areas; (iii) Install temporary silt traps or sedimentation basins along the drainage leading to the water bodies; (iv) Place storage areas for fuels and lubricants away	Complied. Present construction works are not near to any water bodies or channels	Complied. Present construction works are not near to any water bodies or channels.

	quality.	from any drainage leading to water bodies; (v) Dispose any wastes generated by construction activities in designated sites; (vi) Conduct surface quality inspection according to the Environmental Management Plan (EMP).		
Noise Levels	Increase in noise level due to earth-moving and excavation equipment, and the transportation of equipment, materials, and people	(i) Plan activities in consultation with PMU/CSS so that activities with the greatest potential to generate noise are conducted during periods of the day which will result in least disturbance; (ii) Horns should not be used unless it is necessary to warn other road users or animals of the vehicle's approach; (iii) Minimize noise from construction equipment by using vehicle silencers, fitting jackhammers with noise-reducing mufflers, and portable street barriers the sound impact to surrounding sensitive receptor; and (iv) Maintain maximum sound levels not exceeding 80 decibels (dbA) when measured at a distance of 10 m or more from the vehicle/s.	Complied. Present construction works are not near to any populated area or sensitive area. No heavy noise making vehicles / machinery are using in the site.	Complied. Present construction works are not near to any populated area or sensitive area. No heavy noise making vehicles / machinery are using in the site.
Existing Infrastructure and Facilities	Disruption of service and damage to existing infrastructure at specified project location	(i) Obtain from PMU/CSS the list of affected utilities and operators if any; (ii) Prepare a contingency plan to include actions to be done in case of unintentional interruption	Complied. No disruption or damages to the utilities due to the ongoing works.	Complied. No disruption or damages to the utilities due to the ongoing works.
Pollution of river water due to piling for intake well and jack well and spillage of construction material.	The slurry produced during piling and the construction wastes shall cause heavy pollution of water and intake points in the downstream will suffer.	The slurry produced during piling should be allowed to settle in a temporary cofferdam and the supernatant released into the river while the slurry should be properly disposed off to landfill sites.	NA	Construction of Jack well, not yet started.

Landscape and Aesthetics	Solid wastes as well as excess construction materials	(i) Prepare and implement Waste Management Plan; (ii) Avoid stockpiling of excess excavated soils; (ii) Coordinate with CMC/PWD for beneficial uses of excess excavated soils or immediately dispose to designated areas; (iv) Recover used oil and lubricants and reuse or remove from the sites; (v) Manage solid waste according to the following preference hierarchy: reuse, recycling and disposal to designated areas; (vi) Remove all wreckage, rubbish; and (vii) Request PMU/CSS to report in writing that the necessary environmental restoration work has been adequately performed before acceptance of work.	No construction activities started.	Plan not prepared yet.
Land use	Environmental Issues due to Land use change	Since the new WTP is to be constructed near the existing GLSR at Singatarayanakere, environmental issues will be negligible. it is in the same land of existing GLSR .The impact due to change in land use will be negligible since only small area is involved	NA	No damage to surrounding environment due to the construction work.
Accessibility	Traffic problems and conflicts near project locations and haul road	(i) Plan transportation routes so that heavy vehicles do not use narrow local roads, except in the immediate vicinity of delivery sites; (ii) Schedule transport and hauling activities during non-peak hours; (iii) Locate entry and exit points in areas where there is low potential for traffic congestion; (iv) Keep the site free from all unnecessary obstructions; (v) Drive vehicles in a considerate manner; (vi) Coordinate with Traffic Police for temporary road diversions and with for provision of traffic aids if transportation activities cannot be avoided during peak hours; and (vii) Notify affected sensitive receptors by providing sign boards informing nature and duration of	Partly Complied. The present stretches and the roads are wide enough so that trenching work can be performed without affecting the traffic. But traffic is affecting partly during the pipe laying work as the crane for placing the pipe is operating from the road. Diversion / caution boards, flag person and barricade are provided.	Partly Complied. The present stretches and the roads are wide enough so that trenching work can be performed without affecting the traffic. But traffic is affecting partly during the pipe laying work as the crane for placing the pipe is operating from the road. Diversion / caution boards, flag person and barricade are provided.

		construction works and contact numbers for concerns/complaints.		
Socio-Economic – Income.	Impede the access of residents and customers to nearby shops	(i) Leave spaces for access between mounds of soil; (ii) Provide walkways and metal sheets where required for people; (iii) Increase workforce in front of critical areas such as institutions, place of worship, business establishment, hospitals, and schools; (iv) Consult businesses and institutions regarding operating hours and factoring this in work schedules; and (v) Provide sign boards for pedestrians to inform nature and duration of construction works and contact numbers for concerns/complaints	Complied. The stretch, where work is in progress now, is not any market area or busy roads, hence the accessibility is not affected.	Complied. The stretch, where work is in progress now, is not any market area or busy roads, hence the accessibility is not affected.
Socio-Economic - Employment	Generation of contractual employment and increase in local revenue	(i) Employ at least 50% of the labour force, or to the maximum extent, local persons within the 2-km immediate area if manpower is available; and (ii) Secure construction materials from local market.	Complied. Only a few laborers are employed now and some of them are local people	Complied. Only a few laborers are employed now and all of them are local people.
Occupational Health and Safety	Occupational hazards which can arise during work	(i) Develop and implement site-specific Health and Safety (H&S) Plan which will include measures such as: (a) excluding public from the site; (b) ensuring all workers are provided with and use Personal Protective Equipment like helmet, gumboot, safety belt, gloves, nose musk and ear plugs; (c) H&S Training for all site personnel; (d) documented procedures to be followed for all site activities; and (e) documentation of work-related accidents; (ii) Ensure that qualified first-aid can be provided at all times. Equipped first-aid stations shall be easily accessible throughout the site; (iii) Provide medical insurance coverage for workers; (iv) Secure all installations from unauthorized intrusion and accident risks;	Partly complied. Not all laborers are provided PPEs	Partly complied Not all laborers are provided PPEs

		<p>(v) Provide supplies of potable drinking water;</p> <p>(vi) Provide clean eating areas where workers are not exposed to hazardous or noxious substances;</p> <p>(vii) Provide H&S orientation training to all new workers to ensure that they are apprised of the basic site rules of work at the site, personal protective protection, and preventing injuring to fellow workers;</p> <p>(viii) Provide visitor orientation if visitors to the site can gain access to areas where hazardous conditions or substances may be present. Ensure also that visitor/s do not enter hazard areas unescorted;</p> <p>(ix) Ensure the visibility of workers through their use of high visibility vests when working in or walking through heavy equipment operating areas;</p> <p>(x) Ensure moving equipment is outfitted with audible back-up alarms;</p> <p>(xi) Mark and provide sign boards for hazardous areas such as energized electrical devices and lines, service rooms housing high voltage equipment, and areas for storage and disposal. Signage shall be in accordance with international standards and be well known to, and easily understood by workers, visitors, and the general public as appropriate; and</p> <p>(xii) Disallow worker exposure to noise level greater than 85 dBA for a duration of more than 8 hours per day without hearing protection. The use of hearing protection shall be enforced actively.</p>		
Community Health and Safety.	Traffic accidents and vehicle collision with pedestrians during material and waste transportation	<p>(i) Plan routes to avoid times of peak-pedestrian activities.</p> <p>(ii) Liaise with PMU/CSS in identifying high-risk areas on route cards/maps.</p> <p>(iii) Maintain regularly the vehicles and use of manufacturer-approved parts to minimize potentially serious accidents caused by equipment malfunction or premature failure.</p> <p>(iv) Provide road signs and flag persons to warn.</p>	Complied. But traffic is partly blocking during the pipe laying work.	Complied. But traffic is partly blocking during the pipe laying work.

Work Camps	Temporary air and noise pollution from machine operation, water pollution from storage and use of fuels, oils, solvents, and lubricants	<ul style="list-style-type: none"> (i) Consult with PMU/CSS before locating project offices, sheds, and construction plants; (ii) Minimize removal of vegetation and disallow cutting of trees; (iii) Provide water and sanitation facilities for employees; (iv) Prohibit employees from poaching wildlife and cutting of trees for firewood; (v) Train employees in the storage and handling of materials which can potentially cause soil contamination; (vi) Recover used oil and lubricants and reuse or remove from the site; (vii) Manage solid waste according to the following preference hierarchy: reuse, recycling and disposal to designated areas; (viii) Remove all wreckage, rubbish, or temporary structures (such as buildings, shelters, and latrines) which are no longer required; and (ix) Request PMU/CSS to report in writing that the camp has been vacated and restored to pre-project conditions before acceptance of work. 	Only a few laborers are employed at present and they are accommodated in rented house.	Only a few laborers are employed at present and they are local people. Hence work camp not provided.
Social and Cultural Resources	Risk of archaeological chance finds	<ul style="list-style-type: none"> (i) Strictly follow the protocol for chance finds in any excavation work; (ii) Request PMU/CSS or any authorized person with archaeological field training to observe excavation; (iii) Stop work immediately to allow further investigation if any finds are suspected; and (iv) Inform PMU/CSS if a find is suspected, and take any action they require ensuring its removal or protection in situ. 	Complied. No archaeological sites are present along the stretch where work is in progress now.	Complied. No archaeological sites are present along the stretch where work is in progress now.

2.6. Redress of Grievances

Sub Project	Registers Maintained	No. of Grievances received in the month	Action Taken
03GDG01 – Water Supply	No	0	NA
03GDG01A – Water Supply	Yes	0	NA

2.7. Labour Registration

The contractors for both the packages (03 GDG 01, 03 GDG 01A), yet to submit the labour licenses.

2.8. Summary and Conclusions

Daily EMP monitoring has started on the critical issues and are the major observations.

SI	Details	Compliance Status
1	Display of IEE Executive Summary in Kannada on Notice Board of NKUSIP Cell office and CMC office	Yet to be displayed
2	KSPCB's CFE Condition (V.7),	Not Applicable
3	Documentation mechanism of grievances is evolved and entered in the Grievances register and being maintained	Complied

However, the following issues need to be addressed,

SI	Issues/Deviations	Comp. Status	Corrective Actions to be taken
1	Safety Aspects	Partly complied	03 GDG 01 and 03 GDG 01 A The safety measures like barricading, diversion boards and warning signs should be improved in both projects. The respective contractors should be ensured that adequate number of PPEs are
2	Labour License	Not complied	Labour license yet to submit
3	As per KUIDFC MD's Circular no. KUIDFC/PPD/NKUSIP/R&R/2009-10/1650 dated 07/08/2013, (1) Metal barricading must be compulsorily ensured (2) All the Contractors should have a Health, Safety and Environment Person who must possess at least a diploma or certificate course in Occupational Health and Safety	(1) Partially complied. (2) Not complied	(1) Metal barricading must be provided at all work sites. (2) 03 GDG 01 – appointed a safety engineer. 03 GDG 01 A – no safety engineer

Attachment 2 – Gadag – Betageri Photographs

03 GDG 01 Water Supply

LOCATION : Khatapur Rice Mill

Date : 20.05.2014



Laborers with helmet



Barricade, Caution tape provided along the trench

LOCATION : Dhoni Cross

Date : 20.05.2014



Caution tape provided along the trench



Caution board and traffic diversion

03 GDG 01A Water Supply

LOCATION : Papanasini

Date : 20.05.2014



Caution tape and barricade



Workers without PPEs

LOCATION : WTP

Date : 20.05.2014



Workers with helmets and warning board



Excavation site without barricade or warning board.

3. EMP for Hubli-Dharwad

3.1. Introduction – Hubli - Dharwad

The components taken up for Hubli are detailed in the following Table.

Package	Sub Project	Physical Completion	Date of Award	Date of Completion	Extensions if any
02 HUB02	Sewer Trunk Main (Zone 2)	93.0 %	10.03.2011	09.09.2012	12.01.2014; 12.06.2014
02 HUB 02A	Sewer Trunk Main (Zone 1 & 3)	95.0 %	10.03.2011	09.09.2012 31.01.2014	31.05.2014
02 HUB 02B	STP	95.0 %	16.03.2011	02.05.2013	01.05.2014 Extension awaiting
03 DWD 02	Sewerage System (District 6& 10)	48.0 %	31.08.2012	28.02.2014	30.11.2014
03 DWD 02A	STP	13.0 %	31.08.2012	28.02.2014	31.10.2014

The Initial Environmental Examination (IEE) Report was approved by ADB in the year 2009 (Hubli) and 2011 (Dharwad). The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections.

3.2. Permissions/Consents/Clearances/Approvals:

Particulars	Sub Project	KSPCB	Railways	NH	PWD	KPTCL / HESCOM	Forest	Minor Irrigation	Irrigation*
Consent/ Clearances/ Permissions / Approval Status (Date of Clearance and completion status) (A) Hubli	UGD & STP	15 Apr 2011 (Validity 14 Apr 2014) Expired. Have to renew / apply for CFO	Applied on 18.06.11 for three crossings. Two received.	7 across and 4 along , three crossings cleared	Approved for 11 across and 5 along (Three across completed)	Applied & registered	NA	NA	NA
(B) Dharwad	UGD & STP	23 Jan 2013 (Validity 22 Jan 2018)	NA	NA	Applied with DD 05.10.12 (4 along)	ND	NA	NA	NA

Note: For details refer Monthly Progress Report April 2014.; NA-Not Applicable; * for drawal for water from reservoir for demand of year 2041/2044

3.3. Field Visits & Training Conducted

Activity	Date	Sites Visited	Persons Met	Remarks
Field Visit	23 rd May 2014	02 HUB 02 Gabbur	Hariharan, CSS Sekarayya, RE,	Deep excavations and manhole works in progress in the road. No warning board or protection measures given. The excavations and manhole chambers are

				without fencing and caution tape. Workers are not having helmets. During the previous visits, it was noted that, the excavated soils are deposited on the side of the agriculture lands. Instructions were given to clear them, but not complied. In the rain happened in previous days, these soils had eroded to the agriculture land.
		02 HUB 02A Padmaraja Nagar	Hariharan, CSS Ramesh, RE Rajesh, Site Supervisor	Integration of network to the manholes. Only two laborers present, connecting and fixing the network lines. They are not having PPEs. Work in progress in isolated area without habitats.
		02 HUB 02B STP	Patil, RE Ramesh, Site Engr	Finishing and plastering works in progress. Workers are having PPEs. First aid kit available at the site office.
Field Visit	23 rd May, 2014	03 DWD 02 Madhhal Trenching for sewer laying	Mahesh Uppar, CSS	No laborers present. Deep trench in front Madhihal Govt. Primary School. School authorities expressed concern for the safety of the children. Given instructions to complete the work before the school re-opening. Also instructed for providing hard barricading for the remaining stretch near to the school premises. Barricades provided partially in residential area. No warning board provided.
		Sivaraj Circle Trenching for sewer laying.	Mahesh Uppar, CSS Srinivas, Site Engr	Work in progress at a busy road. Warning board provided at one end only. Barricade / caution tape provided partially. Remaining part of the trench is left open on the side of the road.
		Maratha Colony	Mahesh Uppar, CSS Prakash, Site Engr.	Caution board provided at one end only. Caution tape not provided. Not all the workers having helmets.
		03 DWD 02A STP Ramp Concrete	Mahesh Uppar, CSS Nagaraj, Project Manager	Provided barricading around the excavation. Workers are having

				PPEs. First Aid kit available at the site office, but not complete. Instructions to increase the number of toilets according to the increased laborers are not complied.
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3.4. Compliance to EMP

Particulars	Sub Project	Complied	Compliance to EMP
Design/Location/ Preconstruction Stage Monitoring	Sewerage System. & STP	√	Hubli: Details on EMP page 46 of Initial Environmental Report, October 2009, is made part of Contractor Agreement, viz., Page No. 43-44 (02 HUB 02), Page No. 46-47 (02 HUB 02A) Page No.417-418 (02 HUB 02B)
		√	Dharwad : EMP has been given to the Municipal commissioner for issuing to the Contractors (03 DWD 02 and 03 DWD 02A).as addendum to the Contracts
Construction Stage Monitoring	Sewerage System & STP	√	Contractor's compliance with EMP is monitored by the CSS and AEE at NKUSIP Cell on daily basis (Provided in Annexure 6, 7, 8, 9 & 10.
Occupational Health Risks and Safety Plan for Workers	Sewerage System & STP	√	Contractor complying with EMP. The photographs are enclosed as Attachment 3 (a) and 3 (b). Also see Annexure 6, 7, 8, 9 & 10.

3.5. Compliance to mitigation measures – Hubli - Construction Phase

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			02HUB02; 2HUB02A	02HUB02B
Inconvenience to access business, residential, schools, hospitals, places of worship and other immediate facilities for the public and impact on livelihood due to loss of access to business.	M/T The access for business and other facilities along the proposed sewer laning areas will be disturbed during construction period.	During construction period, planks / makeshift pathways should be provided along the construction areas for the public to access their requirements for residential, shopping and other facilities. Any business losses will be compensated as per the Resettlement Framework. Contractor shall deploy more work forces for speedy completion of activities in these areas. Shop keepers will be informed prior to construction along the commercial areas	Partially complied. Planks and makeshift pathways are not provided at all the sites. Shop keepers are informing in advance, before starting the work.	Not Applicable
Inconvenience to public during sewer laying along thick commercial areas and narrow streets; where public facilities are located.	M/T Reduced pedestrian and vehicle access to residences and businesses	Construction should be expedited in the least time frame. Activities requiring maximum access control should be done during non-peak hours. Excavation along the road should be done in such a way that entire stretch will not be trenched at a time Traffic Management with a diversion through alternate routes will be implemented by providing adequate sign boards Trenching and pipe laning along the traffic routes will be planned and integrated to avoid trenching / modifying trench during the pipe laning along the same trench.	Complied. Traffic diversion is providing at narrow roads and busy areas. But adequate warning boards and signs are not provided	Not Applicable
Air and Noise from construction of STP and laying / rehabilitation of Sewer network activities	Sewer network will be laid all over the town including high density areas.	Concrete roads where trenching is done through pneumatic drilling will be providing fencing to avoid air and noise pollution.	Partly Complied Fencing is providing at excavation sites, but not at all the sites.	Complied

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			02HUB02; 2HUB02A	02HUB02B
	As the proposed STP is located away from the habitation, as far as laying of sewer network is considered, the dust and noise nuisance may be considerable in the core town area and in all other areas it may be negligible.	Construction material shall be stockpiled. Adequate arrangements for traffic diversions including erection of proper sign boards are to be done. Dust generation must be arrested by water spraying. Ensure usage of standard equipment to reduce the noise nuisance. Equipment shall comply with the noise levels of construction equipment laid out by the CPCB. High noise generating activities including material unloading shall be avoided during nights. The surrounding people shall be informed especially in densely populated areas of nature and schedule of high noise generating activities if any. A Construction site Management plan shall be prepared. Poor performance of the contractor may potentially exacerbate these impacts and therefore qualified contractors to be appointed. The contracted work includes the implementation of construction site management plan, which will address these issues.	Water is spraying for dust suppression. CPCB norms are complying Construction Site Management Plan has not prepared.	
Improper disposal of Bituminous waste	M/P	Bituminous waste to be disposed in approved waste disposal sites.	Bituminous wastes are disposing at pre-identified areas.	Not Applicable
Stock piling of excavated soil creating dust emission during windy weather, and also during transportation for re using. Plying of lorries transporting soil during peak	Inconvenience for public travel. Chances of accident for motorists due to dust emission from uncovered lorries.	The excavated soil should be removed from construction area at the earliest for beneficial reuse such as land raising / filling of excavated area. Soil should be covered with tarpaulin sheets during transportation.	Partly Complied. The excess soil is transporting immediately after the back filling, but not complied at all the	Excess soil is using within the site itself for construction purpose

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			02HUB02; 2HUB02A	02HUB02B
hours and narrow heavy traffic routes	Traffic congestion in narrow, busy roads.	Soil transportation should not be done during peak hours and should be avoid narrow and heavy traffic routes, important religious or tourist sites etc.	sites. Soil transportation is doing during non-peak hours only	
Improper handling of excess soil	N/T	Excess soil should not be piled up along the construction areas and shall be disposed in low laying areas other than water bodies	Complied. Excess soils are disposing at pre-identified sites only.	Excess soil is using within the site itself for construction purpose
Rain / ground water collection in excavated areas.	M/T	Trenching and sewer laning should be planned to be completed in seasons other than rainy season. If ground water is collected in trenches, the water should be pumped out and opportunities for channeling to agricultural fields for irrigation should be sought.	Complied Most of the sewer network activities are planned for non-rainy season	Complied Rain water is not collected anywhere in the construction site.
Economic benefits if local people are employed in Contractor's workforce	M/T Sourcing of local employers will give employment opportunities for local people and also avoid influx of labours from outside and competition for basic resources such as water, shelter, health care etc.	Contractor should employ at least 50% of workforce from local communities.	Complied Local People are employed where possible	Not complied
Construction along the areas near to protected monuments.	M/P Damage to protected structures.	All necessary and adequate care should be taken to minimize the impact on protected properties If articles such as fabrics, coins, artifacts, structures or other geographically or archaeologically important materials are discovered, the excavation should be stopped and the Archaeological Department should be	Complied There is no protected monuments along the current stretch.	Complied There is no protected monuments near the construction site

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			02HUB02; 2HUB02A	02HUB02B
		intimated at the earliest and all the articles received during sewer laning should be handed over to ASI. HD MC should include the above instruction in the contract document		
Risk for workers and public due to accidents at site.	M/T	Health and Safety plan should be prepared and implemented at site and workers should be trained for safe working practices, using of machineries and immediate response at emergencies. Construction area should be properly isolated with temporary fencing to avoid accidents to public. Construction workers should be provided with Personnel Protective Equipments and should be made compulsory to wear during working hours.	Partly Complied. Not all the workers in all the sites are having personal protection equipments	Complied
Loss of trees during sewer laning.	N/P	No tree cutting is envisaged; each tree lost should be replaced with two trees. The plantation should be done at the onset of monsoon immediately after completing the construction along the identified corridor. Saplings should be provided with protective fencing and survival should be ensured by Contractor with monitoring by HDMC.	Complied There is no tree cutting along the current stretch of the sewer lines.	Not Applicable
Impact on construction workers during sewer laning along existing sewer / abandoned water supply network with AC pipes.	S/T AC dust can be carcinogenic if inhaled as dust particles	Train all construction personnel in dangers of AC pipes and how to recognize them in situ Develop and apply protocol if AC pipes are encountered. This should include: • Immediate reporting of any occurrence to management	Complied, No AC pipes are used in this sub project.	Complied, No AC pipes are used in this sub project.

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			02HUB02; 2HUB02A	02HUB02B
		<ul style="list-style-type: none"> • Removal of all persons to a safe distance • Use of appropriate breathing apparatus and protective suits by workers delegated to deal with AC material Safe removal and long term disposal of AC material 		
Inconvenience to Tourist due to construction near tourist destinations or main tourist transport corridors	M/T Impact on tourist Movement will affect Local economy.	Project activities should be planned with due care to avoid tourist seasons.	Complied	Not Applicable
Impact on public due to destruction of public utilities such as water pipes, electric / telephone lines etc.	M/T	The impacts on utilities will be repaired and restored in the least time frame in with the support of concerned authorities.	Complied. Any breakage / disturbance to the public utilities are attending and repairing on the same day or at the earliest possible.	Not Applicable

3.6. Compliance to mitigation measures – Dharwad - Construction Phase

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			03DWD02	03DWD02A
Inconvenience to access business, residential, schools, hospitals, places of worship and other immediate facilities for the public and impact on livelihood due to loss of access to business.	M/T The access for business and other facilities along the proposed sewer laning areas will be disturbed during construction period.	During construction period, planks / makeshift pathways should be provided along the construction areas for the public to access their requirements for residential, shopping and other facilities. Any business losses will be compensated as per the Resettlement Framework. Contractor shall deploy more work forces for speedy completion of activities in these areas. Shop keepers will be informed prior to construction along the commercial areas	Partially complied. Planks and makeshift pathways are not provided at all the sites. Shop keepers are informing in advance, before starting the work.	Not Applicable
Inconvenience to public during sewer laying along	M/T	Construction should be expedited in the least time frame.	Complied. Traffic diversion is	Not Applicable

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			03DWD02	03DWD02A
thick commercial areas and narrow streets; where public facilities are located.	Reduced pedestrian and vehicle access to residences and businesses	Activities requiring maximum access control should be done during non-peak hours. Excavation along the road should be done in such a way that entire stretch will not be trenched at a time Traffic Management with a diversion through alternate routes will be implemented by providing adequate sign boards Trenching and pipe laning along the traffic routes will be planned and integrated to avoid trenching / modifying trench during the pipe laning along the same trench.	providing at narrow roads and busy areas.	
Destruction of buildings due to vibration during construction activities.	Permanent destruction of buildings	Buildings of risk will be identified prior to construction and pneumatic drilling will be avoided in these areas.	Complied No buildings of risk are identified along the current stretch.	Complied No buildings of risk near the construction site.
Nuisance due to dust and noise; road blocking due to laying of sewer network; and, increased traffic flow due to vehicle movement for construction activities.	Dust generation may be significant as the dry weather condition prevails in the town.	Construction material shall be stockpiled to minimize traffic blockages. In case of excavations for sewer lines in busy streets such as central areas of the town (market area, old town area), adequate arrangements for traffic diversion including prior intimation and by erecting proper sign board shall be provided. Considering the market and dense residential areas in the core town area, preparation of construction site management plan is necessary. Poor performance of the contractor may potentially exacerbate these impacts and therefore qualified contractors to be appointed. The contracted work includes the implementation of construction site management plan, which will address these issues	Partly complied. Traffic diversion is doing in busy roads. Barricades, sign boards are provided. Construction materials are transporting during non-peak hours only. No construction management plan prepared.	Complied Construction materials are transporting during non-peak hours only.
Air and Noise from construction of STP and	Sewer network will be laid all over the town	Concrete roads where trenching is done through pneumatic drilling will be providing fencing to	Complied Fencing is providing	Complied.

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			03DWD02	03DWD02A
laying / rehabilitation of Sewer network activities	including high density areas. As the proposed STP is located away from the habitation, as far as laying of sewer network is considered, the dust and noise nuisance may be considerable in the core town area and in all other areas it may be negligible.	avoid air and noise pollution. Construction material shall be stockpiled. Adequate arrangements for traffic diversions including erection of proper sign boards are to be done. Dust generation must be arrested by water spraying. Ensure usage of standard equipment to reduce the noise nuisance. Equipment shall comply with the noise levels of construction equipment laid out by the CPCB. High noise generating activities including material unloading shall be avoided during nights. The surrounding people shall be informed especially in densely populated areas of nature and schedule of high noise generating activities if any. A Construction site Management plan shall be prepared. Poor performance of the contractor may potentially exacerbate these impacts and therefore qualified contractors to be appointed. The contracted work includes the implementation of construction site management plan, which will address these issues.	at excavation sites. CPCB norms are complying Construction Site Management Plan has not prepared.	STP site is far from town and habitations
Improper disposal of Bituminous waste	M/P	Bituminous waste top be disposed in approved waste disposal sites.	Bituminous wastes are disposing at pre-identified areas.	Not applicable
Stock piling of excavated soil creating dust emission during windy weather, and also during transportation for re using. Plying of lorries transporting soil during peak hours and	Inconvenience for public travel. Chances of accident for motorists due to dust emission from uncovered lorries. Traffic congestion in	The excavated soil should be removed from construction area at the earliest for beneficial reuse such as land raising / filling of excavated area. Soil should be covered with tarpaulin sheets during transportation. Soil transportation should not be done during	Complied. The excess soil is transporting immediately after the back filling. Soil transportation is doing during non-	Complied The excess soils are using in the construction site it self.

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			03DWD02	03DWD02A
narrow heavy traffic routes	narrow, busy roads.	peak hours and should be avoid narrow and heavy traffic routes, important religious or tourist sites etc.	peak hours only	
Improper handling of excess soil	N/T	Excess soil should not be piled up along the construction areas and shall be disposed in low laying areas other than water bodies	Complied. Excess soils are disposing at pre-identified sites only.	Complied The excess soils are using in the construction site itself.
Rain / ground water collection in excavated areas.	M/T	Trenching and sewer laning should be planned to be completed in seasons other than rainy season. If ground water is collected in trenches, the water should be pumped out and opportunities for channeling to agricultural fields for irrigation should be sought.	Complied Most of the sewer network activities are planned for non-rainy season	Complied
Economic benefits if local people are employed in Contractor's workforce	M/T Sourcing of local employers will give employment opportunities for local people and also avoid influx of labours from outside and competition for basic resources such as water, shelter, health care etc.	Contractor should employ at least 50% of workforce from local communities.	Complied Local people are employed as far as possible	Not complied
Construction along the areas near to protected monuments.	M/P Damage to protected structures.	All necessary and adequate care should be taken to minimize the impact on protected properties If articles such as fabrics, coins, artifacts, structures or other geographically or archaeologically important materials are discovered, the excavation should be stopped and the Archaeological Department should be intimated at the earliest and all the	Complied There is no protected monuments along the current stretch.	Complied No protected monuments near to the construction site.

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			03DWD02	03DWD02A
		articles received during sewer laning should be handed over to ASI. HD MC should include the above instruction in the contract document		
Risk for workers and public due to accidents at site.	M/T	Health and Safety plan should be prepared and implemented at site and workers should be trained for safe working practices, using of machineries and immediate response at emergencies. Construction area should be properly isolated with temporary fencing to avoid accidents to public. Construction workers should be provided with Personnel Protective Equipments and should be made compulsory to wear during working hours.	Complied. But, not all the workers in all the sites are having personal protection equipments	Complied
Loss of trees during sewer laning.	N/P	No tree cutting is envisaged; each tree lost should be replaced with two trees. The plantation should be done at the onset of monsoon immediately after completing the construction along the identified corridor. Saplings should be provided with protective fencing and survival should be ensured by Contractor with monitoring by HDMC.	Complied There is no tree cutting along the current stretch of the sewer lines.	Not Applicable
Impact on construction workers during sewer laning along existing sewer / abandoned water supply network with AC pipes.	S/T AC dust can be carcinogenic if inhaled as dust particles	Train all construction personnel in dangers of AC pipes and how to recognize them in situ Develop and apply protocol if AC pipes are encountered. This should include: <ul style="list-style-type: none"> • Immediate reporting of any occurrence to management • Removal of all persons to a safe distance • Use of appropriate breathing apparatus and protective suits by workers delegated to deal with 	Complied, No AC pipes are used in this sub project.	Complied, No AC pipes are used in this sub project.

Impact Description	Significance of the Impact	Mitigation Measures	Compliance Responsibility	
			03DWD02	03DWD02A
		AC material Safe removal and long term disposal of AC material		
Inconvenience to Tourist due to construction near tourist destinations or main tourist transport corridors	M/T Impact on tourist movement will affect local economy.	Project activities should be planned with due care to avoid tourist seasons.	Complied	Not Applicable
Impact on public due to destruction of public utilities such as water pipes, electric / telephone lines etc.	M/T	The impacts on utilities will be repaired and restored in the least time frame in with the support of concerned authorities.	Complied. Any breakage / disturbance to the public utilities are attending and repairing on the same day or at the earliest possible.	Not Applicable

3.7. Redress of Grievances

Sub Project	Registers Maintained	No. of Grievances received in the month	Action Taken
02 HUB 02	√	0	NA
02 HUB 02A	√	0	NA
02 HUB 02B	√	0	NA
03 DWD 02	√	0	NA
03 DWD 02A	√	0	NA

3.8. Labour Registration

The validity of for 02HUB02 and 02HUB02A are extended up to 13.09.2014. The labour licenses are attached in the December 2013, EMP Monitoring report. . The validity of labour license for 02 HUB 02 B has expired on 02.05.2014, instructed for renewal of the labour license. The validity of labour license for Dharwad Sewerage Package (03 DWD 02) has been extended up to 31.07.2014. The validity labour license for Dharwad STP Package (03 DWD 02A) have extended up to 31.03.2015, the copy is attached as Annexure 14 (a) in this report.

3.9. Summary and Conclusions

EMP monitoring being done daily (see Annexure 5, 6, 7, 8 & 9) on the critical issues and following improvements/ positive developments are observed.

Sl	Details	Compliance Status
1	Display of Hubli IEE Executive Summary in Kannada on Notice Board of NKUSIP Cell office and CMC office	Complied
2	KSPCB's CFE Condition (V.7)	Complied
3	As per the KSPCB's CFE Condition (3), there shall not be any complaints against the Corporation from surrounding public, and vide I.8, the City Corporation shall take measure to develop green belt in the periphery.	EE, NKUSIP Cell vide their letter dated 24.10.2011 had submitted an application to Commissioner, HDUDA for earmarking 500 m as Buffer zone around STP.
4	Documentation mechanism of grievances by opening the Grievances register	Complied for Hubli & Dharwad Packages
5	Renewal of Labour License	Complied
7	Display of Dharwad IEE Executive Summary in Kannada on Notice Board of NKUSIP Cell office and CMC office	Complied

Issues to be addressed: However, the following issues need to be addressed.

Sl	Issues/Deviations	Compliance	Corrective Actions to be taken
1	Safety measures (Helmets, barricades, caution board and First aid kits) should be ensured at all the sites mandatorily.	Partially complied	Contractor should ensure adequate safety measures at all the work sites..
2	As per KUIDFC MD's Circular no. KUIDFC/PPD/NKUSIP/R&R/2009-10/1650 dated 07/08/2013, (1) Metal barricading must be compulsorily ensured (2) All the Contractors should have a Health, Safety and Environment Person who must possess at least a diploma or certificate course in Occupational Health and Safety	(1) Partially complied. (2) Not complied	(1) Metal barricading must be provided at all work sites. (2) Gaurav Murey, site engineer for the package 02 DWD 02 A is an Environmental Engineer. In the other packages both at Dharwad and Hubli, qualified persons as per the order has to be recruited.

Attachment 3(a) – Hubli Photographs

Package – 02 HUB 02

Location: Gabbur

Date: 23.05.2014



Excavated soil eroded into Agriculture land



No Caution board or tape provided at trenching site

Package – 02 HUB 02B

Location: STB Site

Date: 23.05.2014



Workers at work with helmet, mask and gloves

Attachment 3(b) – Dharwad Photographs

Package – 03 DWD 02 Sewerage System

Location: Madhihal

Date: 23.05.2014



Deep excavaton in front of the Govt. Primary school



Side barricading provided partially

Location: Sivaji Circle

Date: 23.05.2014



Caution board and tape provided



Trenching site without side protection.

Location: Maratha Colony



Date: 23.05.2014



Caution board and barricade at the trenching site



Side protection, barricade or tape not provided

Package – 03 DWD 02A STP	
Location : STP at Madhihal	Date: 23.05.2014
 <p>Work in progress at SBRsite, not all having PPEs</p>	 <p>New Labour camp at the STP sites</p>

4. EMP for Haveri Town

4.1. Introduction – Haveri Town

The components taken up for Haveri are detailed in the following Table.

Package	Sub Project	Physical Completion	Date of Award	Date of Completion	Date of Extensions if any	
01 HVR 01	Water Supply	98.2 %	19.12.2009	18.06.2011	30.04.2013	Extended up to 30.09.13
01HVR 02	Sewerage System, Urban Drain & STP	79.34 % 82.00 % 36.22 %	19.12.2009	18.06.2011	30.06.2013	Extended up to 31.10.13

The Initial Environmental Examination (IEE) Report was approved by ADB in the year 2009. The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections

4.2. Permissions/Consents/Clearances/Approvals:

Particulars	Sub Project	KSPCB	Railways	PWD	KPTCL / HESCOM	Forest	Minor Irrigation	Irrigation*
Consent/Clearances/Permissions / Approval Status (Date of Clearance and completion status)	Water Supply	NA	18.05.2011 Completed	19.02.2011 Completed	19.12.2010 Completed	18.06.2011	01.01.2009	NA
	UGD & STP	CFE expired on 24.08.12. Renewed up to 24.08.2013 Requested for extension (Copy attached along with EMP Report December 2013)	17.09.2010 One completed and other awaited for clearance	19.02.2011 One out of three completed	01.07.2010	NA	NA	NA

Note: For details refer Monthly Progress Report April 2014. NA-Not Applicable; * for withdrawal for water from reservoir for demand of year 2041/2044

4.3. Field Visits & Training Conducted

Activity	Date	Sites Visited	Persons Met	Remarks
Field Visit	Nil	Nil	Nil	Currently no work is going on.
		Nil	Nil	Currently no work is going on. The Contractor (Gautham Jahnavi Constructions) has demobilized without completing the works.

4.4. Compliance to EMP

Particulars	Sub Project	Complied	Compliance to EMP
Design/Location/Preconstruction Stage Monitoring	Water Supply	√	Details on EMP page 57 of Initial Environmental Report, March 2009, is made part of Contractor Agreement Page No.76 & 77

Particulars	Sub Project	Complied	Compliance to EMP
	Sewerage System, STP & Storm Water drain	√	Details on EMP page 55 of Initial Environmental Report, March 2009, is made part of Contractor Agreement Page No. 81 & 82
Construction Stage Monitoring	Water Supply	√	Contractor's compliance with EMP is monitored by the CSS and AEE at NKUSIP Cell on daily basis (Provided in Annexure 11)
	Sewerage System, STP & Storm Water drain	√	Contractor's compliance with EMP is monitored by the CSS and AEE at NKUSIP Cell on daily basis (Provided in Annexure 12)
Occupational Health Risks and Safety Plan for Workers	Water Supply	√	Currently no work is going on.
	Sewerage System, STP & Storm Water drain	√	Currently no work is going on.

4.5. Redress of Grievances

Sub Project	Registers Maintained	No. of Grievances received in the month	Action Taken
Sewerage System & STP	Nil	Nil	N.A
Water Supply	Nil	Nil	N.A

4.6. Labour Registration

The license period is completed and accordingly informed the Contractors to provide the new license. The Contractor for *01 HVR 01* (Water Supply) has almost completed the works. Contractor for *01 HVR 02* (UGD & STP) has demobilized without completing the works.

4.7. Summary and Conclusions

EMP monitoring being done daily (see Annexure 1 & 2) on the critical issues and following improvements/positive developments are observed.

SI	Details	Compliance Status
1	Display of IEE Executive Summary in Kannada on Notice Board of NKUSIP Cell office and CMC office	Complied
2	KSPCB's CFE Condition (V.7)	Complied
3	CFE issued by KSPCB for three years Validity expired on 24 Aug 2012	Renewed up to 24.08.2013 (Expired) Request submitted to KSPCB for renewal.
4	Road restoration	Contractor has demobilized. The CMC is doing the remaining road restoration works. 4.04 km is pending.

However, the following issues need to be addressed.

SI	Issues/Deviations	Compliance	Corrective Actions to be taken
1	As per the KSPCB's CFE Condition (I.3), the ULB shall maintain 500 mts buffer zone around STP area (I.7).	Yet to be complied.	Vide letter no. AEE/NKUSIP/HV/STP/2013-14/100 dated 24.06.2013, the AEE, NKUSIP Cell has requested the Town Planning department for earmarking no development zone around the STP site.
2	Name of contact person with phone number to be included in project information board.	Yet to be complied.	For UGD, STP and Urban Drainage, the Contractor has demobilized. For water supply, the work has been completed (98.2%).
3.	Safety measures, First Aid Kits,	Partially	For UGD, STP and Urban Drainage, the

	barricading, Project Information board etc. needs to be provided	complied	Contractor has demobilized. For water supply, the work has been completed (98.2%).
4.	Labour License	Not complied	For UGD, STP and Urban Drainage, the Contractor has demobilized. For water supply, the work has been completed (98.2%).
5	As per KUIDFC MD's Circular no. KUIDFC/PPD/NKUSIP/R&R/2009-10/1650 dated 07/08/2013, (1) Metal barricading must be compulsorily ensured (2) All the Contractors should have a Health, Safety and Environment Person who must possess at least a diploma or certificate course in Occupational Health and Safety	(1) Partially complied (2) Not complied	(1) Metal barricading must be provided at all work sites. (2) Contractors should appoint qualified health, Safety and Environment person.

5. EMP for Ranebennur Town

5.1. Introduction – Ranebennur Town

The components taken up for Ranebennur are detailed in the following Table.

Package	Sub Project	Physical Completion (%)	Date of Award	Date of Completion	Date of Extensions if any	
02 RNR02	Sewerage System & STP	89 %	23.06.2010	22.12.2011	20.06.2013 20.12.2013	Extension given up to 20.06.2014

The Initial Environmental Examination (IEE) Report was approved by ADB in the year 2009. The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections.

5.2. Permissions/Consents/Clearances/Approvals:

Particulars	Sub Project	KSPCB	Railways	PWD	KPTCL / HESCOM	Forest	Minor Irrigation	Irrigation*
Consent/ Clearances / Permission s/ Approval Status (Date of Clearance and completion status)	UGD & STP	Expired on 22.10.12. KSPCB has informed that renewal is not required since the STP is almost completed (Copy attached in EMP report December 2013)	08.09.2010 All three Completed	17.02.2011 1 Five numbers completed (2 nos. Deleted)	20.01.11 (Power sanction) 23.02.11-UG cables	NA	NA	NA

Note: For details refer Monthly Progress Report April 2014.; NA-Not Applicable; * for withdrawal for water from reservoir for demand of year 2041/2044

5.3. Field Visits & Training Conducted

Activity	Date	Sites Visited	Persons Met	Remarks
Field Visit	22 nd May, 2014	Maruti Nagar Manhole works	Sekhar Hadimani, CSS Kashynath, RE Ravi, Supervisor	Residential area. Caution board and side protection not provided. Caution tape provided partially. Workers are having helmets.
		Doddakere Trunk Main	Sekhar Hadimani, CSS Jagadeesh, Site Engr	Warning board, caution tape provided at the excavation site. FA kit available at the excavator.

5.4. Compliance to EMP

Particulars	Sub Project	Complied	Compliance to EMP
Design/ Location/ Preconstruction Stage Monitoring	Sewerage System. & STP	√	Details on EMP page 49 of Initial Environmental Report, October 2009, is made part of Contractor Agreement Page No. 41 & 42
Construction Stage Monitoring	Sewerage System & STP	√	Contractor's compliance with EMP is monitored by the CSS and AEE at NKUSIP Cell on daily basis (Provided in Annexure 13)
Occupational Health Risks and Safety Plan for Workers	Sewerage System & STP	√	Contractor complying with EMP. The photographs are enclosed as Attachment 4. Also see Annexure 13.

5.5. Compliance to Mitigation Measures

Field	Anticipated Impact	Mitigation Measures	Compliance of Mitigation Measures
Inconvenience to access business, residential, schools, hospitals, places of worship and other immediate facilities for the public and impact on livelihood due to loss of access to business.	M/T The access for business and other Facilities along the Proposed sewer laning areas will be Disturbed during construction period.	During construction period, planks / makeshift pathways should be provided along the construction areas for the public to access their requirements for residential, shopping and other facilities. Any business losses will be compensated as per the Resettlement Framework. Contractor shall deploy more work force for speedy completion of activities in these areas. Shop keepers will be informed prior to construction along the commercial areas	Complied. Shop keepers and the resident people are given advance information before starting the trenching work. Makeshift pathways are not provided in residential areas. Debris are piled in the worksite till the back filling.
Destruction of buildings due to vibration during Construction activities.	M/P Permanent destruction of buildings.	Buildings of risk will be identified prior to construction and pneumatic drilling will be avoided in these areas.	Complied. No building of risk identified in the current stretch.
Inconvenience to public during sewer laying along thick commercial areas and narrow streets; where public facilities are located	M/T Reduced pedestrian and vehicle access to residences and businesses	Construction should be expedited in the least time frame. Activities requiring maximum access control should be done during non peak hours. Excavation along the road should be done in such a way that entire stretch will not be trenched at a time. Traffic management with diversion through alternate routes will be implemented by providing adequate sign boards.	Complied. Traffic diversion / management is provided where ever necessary. On busy roads, the work is expediting at the shortest time interval.

		Trenching and pipe laning along the traffic routes will be planned and integrated to avoid retrenching / modifying trench during pipe laning along the same lane	
Nuisance due to dust and noise; road blocking due to laying of sewer network; and, increased traffic flow due to vehicle movement for construction activities.	M/T Dust generation may be significant as the dry weather condition prevails in the town.	Construction material shall be stockpiled to minimize traffic blockages. In case of excavations for sewer lines in busy streets such as central areas of the town (market area, old town area), adequate arrangements for traffic diversion including prior intimation and by erecting proper sign board shall be provided. Considering the market and dense residential areas in the core town area, preparation of construction site management plan is necessary. Poor performance of the contractor may potentially exacerbate these impacts and therefore qualified contractors to be appointed. The contracted work includes the implementation of construction site management plan, which will address these issues.	Partly Complied. Traffic diversions are doing wherever necessary. Sign boards are not provided at all the worksites. Construction materials are providing during non-peak hours only. Construction Site Management plan is not prepared.
Air and noise from construction of STP and lying/ rehabilitation of sewer network activities.	M/T Sewer network will be laid all over the town including high density areas. As the proposed STP is located away The habitation, as far as laying of sewer network is considered, the dust and noise nuisance may be considerable in the core town area and in all other areas it may be negligible.	Concrete roads where trenching is done through Pneumatic drilling will be providing fencing to avoid noise and air pollution. Construction material shall be stockpiled. Adequate arrangements for traffic diversions including erection of proper sign boards. Dust generation must be arrested by water spraying. Ensure usage of standard equipment to reduce the noise nuisance. Equipment shall comply with the noise levels of construction equipment laid out by the CPCB. High noise generating activities including material unloading shall be avoided during nights. The surrounding people shall be informed, especially in densely populated area, of nature and schedule of the high noise generating activities, if any A construction site management plan shall be prepared. Poor performance of the contractor may potentially exacerbate these impacts and therefore qualified contractors to be appointed. The contracted work includes the implementation of construction site management plan, which will address these issues.	Complied. Construction of STP is almost complete.
Improper disposal of Bituminous waste	M/P	Bituminous waste to be disposed in approved waste disposal sites.	Complied. Bituminous wastes are disposing at pre-identified sites.

Stockpiling of excavated soil creating dust emission during windy weather and also during transportation for reusing. Plying of lorries transporting soil during peak hours and narrow / heavy traffic routes	M/T Inconvenience for public travel. Chances of accidents for motorists due to dust emission from Uncovered lorries. Traffic congestion in narrow / busy corridors	The excavated soil should be removed from construction area at the earliest for beneficial reuse such as land raising / filling of excavated areas. Soil should be covered with tarpaulin sheets during transportation. Soil transportation should not be done during peak hours and should be avoid narrow and heavy traffic routes and important religious or tourist sites etc.	Complied. Excess excavated soils are removing from the site, soon after the back filling of the trenches. Soils are transporting only during non peak hours.
Improper handling of excess soil	N/T	Excess soil should not be piled up along the construction areas and shall be disposed in low laying areas other than water bodies	Complied. Excess soils are transporting soon after the back filling. There is no water bodies along the current stretch.
Rain / ground water collection in excavated areas.	M/T	Trenching and sewer laning should be planned to be completed in seasons other than rainy season. If ground water is collected in trenches, the water should be pumped out and opportunities for channeling to agricultural fields for irrigation should be sought.	Complied. Most of the trenching activities are scheduled for non-rainy season.
Economic benefits if local people are employed in Contractor's workforce	M/T Sourcing of local Employers will give employment opportunities for local people and also avoid influx of labours from outside and competition for basic resources such as water, shelter, health care etc.	Contractor should employ at least 50% of workforce from local communities.	Complied. All the laborers for the trenching and pipe laying work are local laborers.
Finding of any archeologically /geographically important materials during construction.	M/P	If articles such as fabrics, coins, artifacts, structures or other geographically or archaeologically important materials are discovered, the excavation should be stopped and the Archaeological Department should be intimated at the earliest and all the articles received during sewer laning should be handed over to ASI. Ranebennur CMC should include the above instruction in the	Complied. No archeological sites present along the current stretch.

		contract document	
Risk for workers and public due to accidents at site.	M/T	Health and Safety plan should be prepared and implemented at site and workers should be trained for safe working practices, using of machineries and immediate response at emergencies. Construction area should be properly isolated with temporary fencing to avoid accidents to public. Construction workers should be provided with Personnel Protective Equipments and should be made compulsory to wear during working hours.	Partly complied. Not all the workers are having PPEs.
Impact on construction workers during sewer lining along existing sewer / abandoned water supply network with AC pipes.	S/T AC dust can Be carcinogenic if inhaled as dust particles	Train all construction personnel in dangers of AC pipes and how to recognize them in situ Develop and apply protocol if AC pipes are encountered. This should include: <ul style="list-style-type: none"> • Immediate reporting of any occurrence to management • Removal of all persons to a safe distance • Use of appropriate breathing apparatus and protective suits by workers delegated to deal with AC material Safe removal and long-term disposal of AC material 	Complied. No AC pipes been used in any of the sites.
Loss of trees during sewer laning.	N/P	No tree cutting is envisaged; each tree lost should be replaced with two trees. The plantation should be done at the onset of monsoon immediately after completing the construction along the identified corridor. Saplins should be provided with protective fencing and survival should be ensured by Contractor with monitoring by CMC, Ranebennur.	Complied. No tree cutting is done along the current stretch.
Impact on public due to destruction of public utilities such as water pipes, electric / telephone lines etc.	M/T	The impacts on utilities will be repaired and restored in the least time frame in with the support of concerned authorities.	Complied. The broken / disturbed utilities are restoring on the same day or with shortest possible delay.

5.6. Redress of Grievances:

Sub Project	Registers Maintained	No. of Grievances received in the month	Action Taken
Sewerage System & STP	√	Nil	NA

5.7. Labour Registration

The labour license is renewed and submitted. Period is 15/06/2013 to 14/06/2014.

5.8. Summary and Conclusions

EMP monitoring being done daily (see Annexure 12) on the critical issues and following improvements/positive developments are observed.

SI	Details	Compliance Status
1	Display of IEE Executive Summary in Kannada on Notice Board of NKUSIP Cell office and CMC office	Complied on 22.08.2011.
2	KSPCB's CFE Condition (V.7)	Complied on 04.10.2011
3	Letter to Town Planning department informing the KSPCB's CFE Condition (I.3), for maintaining 500 mts buffer zone around the sewage treatment plant area.	Complied on 03.10.2011
4	Documentation mechanism of grievances is evolved and entered in the Grievances register(opened on 23.05.2011) and being maintained	Complied
5	The CFE issued by KSPCB for three years Validity expired on 22 October 2012	The Commissioner, CMC, Ranebennur has applied for the renewal of CFE. However, the KSPCB has informed that since construction of STP is almost completed, renewal of CFE is not required. CMC has to apply for Consent for Operate after completing the construction.

However, the following issues need to be addressed.

SI	Issues/Deviations	Compliance Status	Corrective Actions to be taken
1	Caution Boards, Barricades, Helmets, Gum boots, and First Aid Kits are not provided at all sites.	Partly complied	Informed Contractor to provide Caution board, Barricades, Helmets, Gum boots, and First Aid Kits at all the work sites.
2	The contact phone number of the Contractor and the NKUSIP Cell Office to be included in the project information board.	Not complied	Informed Contractor to provide the contact numbers on the project information board.
3	As per KUIDFC MD's Circular no. KUIDFC/PPD/NKUSIP/R&R/2009-10/1650 dated 07/08/2013, (1) Metal barricading must be compulsorily ensured (2) All the Contractors should have a Health, Safety and Environment Person who must possess at least a diploma or certificate course in Occupational Health and Safety	(1) Not complied. (2) Not complied	(1) Metal barricading must be provided at all work sites. (2) Contractors should appoint qualified health, Safety and Environment person.

Attachment 4: Ranebennur Photographs

Location : Maruti Nagar

Date : 22.05.2014



No caution board or side barricade at the site



Caution tape provide at the main road.

Location : Doddakere

Date : 22.05.2014



Caution board provided



Caution tape provided at the excavation site

6. EMP for Davanagere Town

6.1. Introduction – Davanagere Town

The components taken up for Davanagere are detailed in the following Table.

Package	Sub Project	Physical Completion (%)	Date of Award	Date of Completion	Date of Extensions if any
02DVG01	Water Supply	94.2 %	22.08.2011	21.02.2013 30.09.2013	30.04.2014 Waiting for extension.
03DVG02	Sewerage System	1.00 %	17.02.2014	16.08.2015	NA
03DVG02A	STP	1.50 %	10.02.2014	26.12.2015	NA

The Initial Environmental Examination (IEE) Report was approved by ADB in the year 2010. The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections.

6.2. Permissions/Consents/Clearances/Approvals:

Particulars	Sub Project	KSPCB	NHAI	Railways	PWD	KPTCL / HESCOM	Forest	Minor Irrigation	Irrigation*
Consent/ Clearances/ Permissions / Approval Status (Date of Clearance and Completion status)	Water Supply	NA	One along & One crossing completed One crossing to be done	NA	Two crossing & two along road completed	X	NA	√	√
	UGD & STP	08.08.2015	NA	Applied on 22.02.2012 (2 crossing & 3 along)	Applied on 16.03.2012 (2 Crossing)	ND	NA	NA	NA

Note: For details refer Monthly Progress Report April 2014.; NA-Not Applicable; * for drawal for water from reservoir for demand of year 2041/2044

6.3. Field Visits & Training Conducted

Activity	Date	Sites Visited	Persons Met	Remarks
Field Visit	15 th May 2014	02DVG01 – Water Supply Kunduvare lake. Installation of flow meters.	Srinath Reddy, CSS Chandrasekhar, Site Engr.	No laborers present. Project information board provided. No barricade or side protection given for the trench on the side of the road leading to park, which is a tourist place. Potential danger to the visitors.
		Doddabathi	Srinath Reddy, CSS Sudha, RE	Work in progress in the main road. No laborers or contractor staff at the site. No barricade caution tape provided. The

Activity	Date	Sites Visited	Persons Met	Remarks
		PSR Road Installation of zero velocity valve.	Srinath Reddy, CSS Patil, RE	caution board provided is in the middle of the trenching stretch not on the end. No warning / signs / boards provided at the ends. Repeated instructions in this regard is not complied.
		Near DB canal. Road restoration.	Srinath Reddy, CSS	No laborers present. On side of main road, but no barricade of tape provided. Debris and construction materials are piled on the side of the road.
		DB Canal, Trenching	Srinath Reddy, CSS	Road fully blocked for restoration. No warning board, diversion board provided.
				Work in progress in the main road. No warning board, tape provided. No barricade or side protection given.
		03DVG02 – Sewerage System. Shivapuram	Srinath Reddy, CSS Suresh, Site in charge	Construction of Labour shed and casting yard in progress.
		03DVG02A – STP Dewatering the excavated sites in progress.	Srinath Reddy, CSS Mallesh, Junior Engg.	Provided barricade around the work site and excavated areas. First aid box available at the site office. Instructed not to dump the waste or excavated debris on the nalla nearby. Workers are not having PPEs

6.4. Compliance to EMP

Particulars	Sub Project	Complied	Compliance to EMP
Design/ Location/ Preconstruction Stage Monitoring	Water Supply	√	Details on EMP page 61, 62 and 63 of Initial Environmental Examination Report, April 2010, is made part of Contractor Agreement Clause no. PCC 76.5, Page No.33 and Appendix 1 page no.136,137 (02DVG01). Letters have been issued by the Commissioner to the contractors incorporating the EMP guidelines into the contracts. (Copies of the letters are attached as Annexure in December 2013 EMP report.
Construction Stage Monitoring	Water Supply	√	Contractor's compliance with EMP is monitored by the CSS and AEE at NKUSIP Cell on daily basis (Provided in Annexure 14)
	Sewerage System	√	Contractor's compliance with EMP is monitored by the CSS and AEE at NKUSIP Cell on daily basis (Provided in Annexure 15)

	STP	√	Contractor's compliance with EMP is monitored by the CSS and AEE at NKUSIP Cell on daily basis (Provided in Annexure 16)
Occupational Health Risks and Safety Plan for Workers	Water Supply	√	Contractor complying with EMP. The photographs are enclosed as Attachment 5 (a) . Also see Annexure 14 in this report.
	Sewerage System	√	Contractor complying with EMP. The photographs are enclosed as Attachment 5 (b) .
	STP	√	Contractor complying with EMP. The photographs are enclosed as Attachment 5 (c)

6.5. Compliance to Mitigation Measures – Construction Phase

Field	Anticipated Impact	Mitigation Measures	Compliance of Mitigation Measures – 02DVG01
Inconvenience to access business, residential and other immediate facilities for the public and impact on livelihood, to loss of access to business.	M/T The access for business and other facilities along the proposed sewer laning areas will be disturbed during construction period.	During construction period, planks / makeshift pathways should be provided along the construction areas for the public to access their requirements for residential, shopping and other facilities.	Complied. Present stretch is not passing through any market area or heavy traffic roads.
Inconvenience to public during sewer laying along thick commercial areas and narrow streets; where public facilities are located.	M/T Reduced pedestrian and vehicle access to residences and businesses	Construction should be expedited in the least time frame. Activities requiring maximum access control should be done during non peak hours. Excavation along the road should be done in such a way that entire stretch will not be trenched at a time. Traffic management with diversion through alternate routes will be implemented by providing adequate sign boards	Complied. Present stretch is not passing through any market area or heavy traffic roads.
Nuisance due to dust and noise; road blocking due to laying of sewer network; and, increased traffic flow due to vehicle movement for construction activities.	M/T Dust generation may be significant as the dry weather condition prevails in the town.	Construction material shall be stockpiled to minimize traffic blockages. In case of excavations for sewer lines in busy streets such as central areas of the town (market area, old town area), adequate arrangements for traffic diversion including prior intimation and by erecting proper sign board shall be provided. Considering the market and dense residential areas in the core town area,	Partly complied. Traffic diversion boards are providing at main were not provided in all the roads. Construction Site Management Plan not prepared.

		preparation of construction site management plan is necessary. Poor performance of the contractor may potentially exacerbate these impacts and therefore qualified contractors to be appointed. The contracted work includes the implementation of construction site management plan, which will address these issues.	
Improper disposal of Bituminous waste	M/P	Bituminous waste to be disposed in approved waste disposal sites	Complied Bituminous waste will be disposed at pre-determined sites only
Improper handling of excess soil	N/T	Excess soil shall not be disposed in low laying areas other than water bodies	Complied. Excess soils will be disposed at pre-determined sites only.

6.6. Redress of Grievances

Sub Project	Registers Maintained	No. of Grievances received in the month	Action Taken
Water Supply	√	1	Attended
Sewerage System	No	Nil	NA
STP	No	Nil	NA

6.7. Labour Registration

The license has been submitted by the contractor (Validity from 29.06.2013 to 28.06.2014) for 02DVG01 package. The contractors yet to submit the copies of the labour licenses for the packages 03DVG02 and 03DVG02A.

6.8. Summary and Conclusions

EMP monitoring being done daily (see Annexure 13) on the critical issues and following improvements/ positive developments are observed.

SI	Details	Compliance Status
1	Display of IEE Executive Summary in Kannada on Notice Board of NKUSIP Cell office and Corporation office	Complied
2	Labour license	Complied for 02DVG 01. The contractors yet to submit the copies of the labour licenses for the packages 03DVG02 and 03DVG02A

Issues to be addressed: However, the following issues need to be addressed.

SI	Issues/Deviations	Compliance Status	Corrective Actions to be taken
1	Proper barricades are not provided at all work sites	Being Complied	Informed Contractor to provide safety measures including barricading, caution tape and project information board for all locations.
2	Workers are not provided with personal protective equipments like helmet, gum boots etc.	Yet to be Complied	Informed Contractor to provide the PPEs and First Aid kit at all work sites
3	As per KUIDFC MD's Circular no. KUIDFC/PPD/NKUSIP/R&R/2009-10/1650 dated 07/08/2013, (1) Metal barricading must be compulsorily ensured (2) All the Contractors should have a Health, Safety and Environment Person who must possess at least a diploma or certificate course in Occupational Health and Safety	(1) Partially complied. (2) Not complied	(1) Metal barricading must be provided at all work sites. (2) Contractor should appoint qualified health, Safety and Environment person.

Attachment 5: Davanagere Photographs

PACKAGE – 02 DVG 01	
Location: Kunduvara Lake	Date: 15.05.2014
 <p>Project Information Board</p>	 <p>No caution board / tape of barricading provided</p>
Location: Doddabathi	Date: 15.05.2014
 <p>No caution board, tape or barricading</p>	 <p>Trenching site</p>
Location: PSR Road	Date: 15.05.2014
 <p>Caution board and tape not provided</p>	 <p>Debris and materials piled on the side of road</p>

Location: DB Canal - Road restoration	Date: 15.05.2014
	
Traffic fully blocked, but no diversion / caution board provided.	
Location: DB Canal - Trenching	Date: 15.05.2014
	
Trenching site without caution board / barricade or fencing	
PACKAGE – 02 DVG 02	
Location: Shivapuram	Date: 15.05.2014
	
Site office and Workers' camp in construction	

PACKAGE – 02 DVG 02A	
Location: Shiva Nagar	Date: 15.05.2014
 <p>Dewatering from excavated trenches</p>	 <p>Construction site, Workers are not having PPEs</p>

7. Monitoring Sheets

Annexure 1

Daily Monitoring Sheet – Sewerage System, Bijapur (02 BJR 02)

CTTY, Bijapur
Package No. 02B1202
Month: Apr-14
Work Completed (% to total)

Name of Work: Rehabilitation of existing sewerage system and interception and extension of sewerage system to new areas (District 1A) and rehabilitation of primary storm water drain in Bijapur City Municipal Council of Karnataka State (02B1202).

Date of Commencement and Completion: 1-2-2013 and 31-7-2012

Extended date of completion: 31-07-2014

Description of Work Ongoing: Sewer Network, Road Restoration

Location of Work Ongoing: AHEC, Basishwar Hahis, towards Jamkhandi main road, Near main drain, storm water near Ind road.

DAY - tick (✓) for Complied, x for not applicable and blank for not complied

SN	Parameters	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Direction boards, warning boards/signs, etc. provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Safety measures (baricading and warning signs) for excavated earth works observed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Warning for dust mitigation undertaken	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Project Sign Board provided with complete details including contact no.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Blockage clearance of drains done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Clearing of drains to avoid obstruction to vehicles and walking done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Trenches are opened and filled in the least possible time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Proper disposal of debris done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Proper coverage to vehicles while transporting debris observed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Wetting stockpiles of sand and metals discarded	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Contamination of groundwater / surface water is not noticed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Informant public of work in the area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Construction work stopped during night and early morning hours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Access to public and private properties provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Alternative Traffic Plan provided especially for vehicles and pedestrians	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	No Persons below under the age of 14 employed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Workers wearing helmets, gloves and boots, etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Handicap and inconvenience to public/business organized received	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Signature of Program Consultant - CSS	[Signature]																														
	Signature of Contractor	[Signature]																														
	Signature of NDISIP Cell - AEE	[Signature]																														

Annexure 2

Daily Monitoring Sheet – Sewerage System, with STP - Bijapur (02 BJR 02A)

CITY, Bijapur
Package No 02BJR02A
Name of Work Sewerage system in alati-kt 2B and Constn of FAL type STP in Bijapur City Municipal Council of Karnataka state
Date of Commencement and Completion 1-2-2011 and 31-7-2012
Extended date of completion 31-07-2014

Month: APR-14
Work Completed (in % to total)

Description of Work Ongoing Sewer Network, Lining concrete at STP
Location of Work Ongoing Vishal Nagar, Barea Nagar, Aina Road, STP

SN	Parameters	DAY - tick (✓) for Completed, x for not applicable and blank for not completed																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	Direction boards, warning boards/signs, etc avoided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Safety measures (barricading and warning signs) for Excavated Earth Works observed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Warning for dust mitigation undertaken	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Project Sign Board provided with complete details including contact no. only at STP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Blockage clearance of drains done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Clearing of debris to avoid obstruction to vehicles and walking done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Trenches are spined and filled in the least possible time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Proper disposal of debris done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Proper coverage to vehicles while transporting debris avoided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Wetting stockpiles of sand and materials carried out	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Contamination of groundwater / surface water is not noticed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Informal public of work in the area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Construction work stopped during night and early morning hours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Access to public and private properties provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Alternative Traffic Plan provided especially for vehicles and pedestrians	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	No persons below under the age of 14 employed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Workers wearing helmets, gloves and boots, etc	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Hardship and inconvenience to public/business interference avoided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Signature of Program Consultant - CSS																																
	Signature of Contractor																																
	Signature of MCHSP Cell - All																																

Annexure 3

Daily Monitoring Sheet – Sewerage System, Bijapur (02 BJR 02B)

CITY: Bijapur
Blockage Rn: B2B JRG2B
Name of Work: Improvements to Sewerage collection System in District 1B, 2B, 2C, 2D and 3A under Bijapur City Municipal Council, Bijapur
Date of Commencement and Completion: Karnataka State (02BJR02B) 16-4-2011 and 16-10-2012
Extended date of completion: 19-09-2014 (11 Extension)
Description of Work Ongoing: UGD WORKS

Month: Apr-14
 Work Completed (% to Total)

Location of Work Ongoing: Ramahapur Colony, Vijaya Hanuman Nagar, Acharya Nagar, Resulva Nagar.

SN	Parameters	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Direction boards, warning boards, etc provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Safety measures (baricading and warning signs) for Excavated Earth works observed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Watering for dust mitigation undertaken	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Project Sign board provided with complete details including contact no.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Blockage clearance of drains done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Clearing of Debris to avoid obstruction to vehicles and walking done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Trenches are opened and filled in the least possible time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Proper disposal of debris done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Proper coverage to vehicles while transporting debris provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Warning stickers of sand and metals carried out	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Contamination of groundwater / surfacewater is not noticed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Informed public of work in the area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Construction work stopped during night and early morning hours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Access to public and private premises provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Alternative Traffic Plan provided especially for vehicles and pedestrians	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	No persons below the age of 14 employed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Workers wearing helmets, gloves and boots, etc	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Health and inconvenience to public/business if noticed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Signature of Program Consultant - CSS / R.E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Signature of Contractor		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Signature of NUSIP Cell - AEE		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Annexure 4

Daily Monitoring Sheet – Water Supply, Gadag (03 GDG 01)

NOT RECEIVED

Annexure 5

Daily Monitoring Sheet – Water Supply with STP, Gadag (03 GDG 01A)

NOT RECEIVED

Annexure 7

Daily Monitoring Sheet – Sewerage System - (Zone 1&3), Hubli (02 HUB 02A)

Package No. & Name of Work		Month: Apr-14																															
Description of work ongoing:		Work completed (% to total): < 20%																															
Locations of work ongoing:		Date of Commencement and Completion: 10-03-2011 & 09-09-2013 - EO																															
Status of Work		III Period: 01.03.2014 to 31.05.2014																															
Providing Sewer Trunk Main, Sub mains and Interceptors in Sewer Zone 1 & 3, sub main and Force main in Sewer Zone-4 and Construction of Storm water drain in Hubli Charavali Municipal Corporation.		Hubli																															
Mobilisation of Collection system and Nalla Storm Water drainage work since commissioned		Hubli																															
Sub Main-5 CRM Office, Karwar Road crossing + Bharat Hill Road (Trenchless Technology) Sub Main-4A Interceptors, Wet well at Bhairavkuppola Road Respiration work.		Hubli																															
SN	Parameters	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	Direction boards, warning boards/signs, etc provided	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Safety measures (barricading and warning signs) for Excavated Earth works observed	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
3	Watering for dust mitigation undertaken	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
4	Project Sign Board provided with complete details including contact no.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
5	Blockage clearance of drains done	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
6	Clearing of Debris to avoid obstruction to vehicles and walking done	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
7	Trenches are opened and filled in the least possible time	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
8	Proper disposal of debris done	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
9	Proper coverage to vehicles while transporting debris provided	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
10	Wetting stockpiles of sand and metals carried out	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
11	Contamination of groundwater / surfacewater is not noticed	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
12	Informed public of work in the area	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13	Construction work stopped during night and early morning hours	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
14	Access to public and private properties provided	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15	Alternative Traffic Plan provided especially for vehicles and pedestrians	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
16	No Persons below under the age of 14 employed	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
17	Workers wearing helmets, gloves and boots, etc	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
18	Handship and inconvenience to public/business grievance received	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Signature of Program Consultant - CSS		[Signature]																															
Signature of Contractor		[Signature]																															
Signature of NKUSIP Cell - AEE		[Signature]																															

Annexure 8

Daily Monitoring Sheet – STP, Hubli (02 HUB 02B)

CITY, Package No. & Name of Work
Description of work ongoing: Design supply installation commissioning and O & M of 40 mld STP using sequential Batch Reactor Process Plant at Gabbur in Hubli Taluk in HDMC limits
Month: Apr-14
Work completed (% to total): <95 %

Locations of work ongoing: 28/02/2014
Date of Commencement and Completion: 04-05-2011 & 03-05-2013
EOI Period: Up to 01.05.2014

In STP Basin unit, out of 4 basins have come up to 6.5 mtrs height. Mechanical equipments installation work is under progress. Staff quarters work under progress.

Sl. No.	Parameters	DAY - tick (✓) for Completed, x for not applicable and blank for not completed																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	Direction boards, warning boards/signs, etc provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Safety measures (barricading and warning signs) for Excavated Earth works observed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Watering for dust mitigation undertaken	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Project Sign Board provided with complete details including contact no.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Blockage clearance of drains done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Clearing of Debris to avoid obstruction to vehicles and walking done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Trenches are opened and filled in the least possible time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Proper disposal of debris done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Proper coverage to vehicles while transporting debris provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Waiting stockpiles of soil and metals carried out	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Contamination of groundwater / surface water is not noticed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Informed public of work in the area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Construction work stopped during night and early morning hours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Access to public and private properties provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Alternative Traffic Plan provided especially for vehicles and pedestrians	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	No Persons below under the age of 14 employed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Workers wearing helmets, gloves and boots, etc	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Hardship and inconvenience to public/business grievance received	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Signature of Program Consultant - CSS		[Signature]																															
Signature of Contractor		[Signature]																															
Signature of INKUSIP Cell - AEP		[Signature]																															

Annexure 9

Daily Monitoring Sheet – Sewerage System, Dharwad (03 DWD 02)

CITY, Package No. & Name of Work			Improving Sewerage System in District 6 and 10 of Dharwad city in Hubli Dharwad Municipal Corporation limits										Month: Apr-14																					
Description of work ongoing:			Work completed (% to total) : 45%																															
Locations of work ongoing:			1200 dia Madihal, Toli naba, Kamalapur road, Jannath Nagar, Tivargeri hospital, Channarayana Nagar & road restoration works at Ranta nagar.										Date of Commencement and Completion : 31-08-2012 to 28-03-2014																					
SN	Parameters	DAY - tick (✓) for Complied, x for not applicable and blank for not compiled	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Remarks	
1	Direction boards, warning boards/signs, etc provided		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Safety measures (barricading and warning signs) for Excavated Earth works observed		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Watering for dust mitigation undertaken		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Project Sign Board provided with complete details including contact no.		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Blockage clearance of drains done		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	Clearing of Debris to avoid obstruction to vehicles and walking done		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
7	Trenches are opened and filled in the least possible time		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8	Proper disposal of debris done		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
9	Proper coverage to vehicles while transporting debris provided		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
10	Wetting stockpiles of sand and metals carried out		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
11	Contamination of groundwater / surfacewater is not noticed		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
12	Informed public of work in the area		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
13	Construction work stopped during night and early morning hours		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
14	Access to public and private properties provided		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
15	Alternative Traffic Plan provided especially for vehicles and pedestrians		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
16	No Persons below under the age of 14 employed		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
17	Workers wearing helmets, gloves and boots, etc		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
18	Hardship and inconvenience to public/business grievance received		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Signature of Program Consultant - CSS			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Signature of Contractor			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Signature of N-KUSIP Cell - AEE			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Annexure 10

Daily Monitoring Sheet – STP, Dharwad (03 DWD 02A)

CITY, Package No. & Name at Work: 20 MLD Sewerage Treatment Plant using Sequential Batch Reactor (SBR/CNSP) process plant at Madhal in Dharwad City in H.D. Limits package 03DWD02A.

Description of work ongoing: Earth work excavation & PCC for SBR Basin Reinforcement for SBR. Right & wet well wall. SBR float concrete & CCT excavation.

Locations of work ongoing: STP At Madhal

Month: April-14

Work completed (% to total): 12%

Date of Commencement and Completion: 31-01-2013 to 30-10-2013

Parameters	DAY - tick (✓) for Completed, x for not applicable and blank for not completed																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Direction boards, warning boards/signs, etc provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Safety measures (barricading and warning signs) for Excavated Earth works observed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Watering for dust mitigation undertaken	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project Sign Board provided with complete details including contact No.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Blockage clearance of drains done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Clearing of Debris to avoid obstruction to vehicles and walking done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trenches are opened and filled in the least possible time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Proper disposal of debris done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Proper coverage to vehicles while transporting debris provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetting stockpiles of sand and metals carried out	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Contamination of groundwater / surfacewater is not noticed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Informed public of work in the area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Construction work stopped during night and early morning hours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Access to public and private properties provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alternative Traffic Plan provided especially for vehicles and pedestrians	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
No Persons below under the age of 14 employed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Workers wearing helmets, gloves and tools, etc	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hardship and inconvenience to public/business grievance received	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Signature of Program Consultant - CSS	[Signature]																															
Signature of Contractor	[Signature]																															
Signature of NKUSIP Cell - AEE	[Signature]																															

Annexure 11

Daily Monitoring Sheet – Haveri Water Supply (01HVR 01)

NO WORK GOING ON

Annexure 12

Daily Monitoring Sheet – Sewerage System, Haveri (01 HVR 02)

The Contractor has demobilized without completing the works and hence the daily monitoring sheet has not been submitted.

Annexure 13

Daily Monitoring Sheet – Ranebennur Sewerage System (02 RNR 02)

Package Name & Package No.: Supplying and Laying Sewerage Network and Constructing FAL type STP in Ranebennur City Municipal Council, Package No. 02 RNR 02

Description of work ongoing: UCD Net works and STP, Month: April-2014

Locations of work ongoing: Huchunajya Nagar, Main Hole Precasting Yard, Manali Nagar, Siddhanta dia Work completed = 83%

UCDP line at Doddaballare and STP site Date of Completion: 22-12-2012 Estimated upto 20-06-2014

DAY - tick (✓) for Completed, x for not applicable and blank for not completed

Sr. No.	Parameters	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Direction boards, warning boards, etc. provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Safety measures (hoarding and warning signs) for Excavated Earth works observed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Watering for dust mitigation undertaken																														
4	Project Sign Board provided with complete details including contact no.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Blockage clearance of drains done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Clearing of Debris to avoid obstruction to vehicles and walking done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Trenches are opened and filled in the least possible time																														
8	Proper disposal of debris done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Proper coverage to vehicles while transportation/debris provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Wetting stockpiles of sand and metals carried out	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Contamination of groundwater / surface water is not noticed																														
12	Informed public of work in the area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Construction work stopped during night and early morning hours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Access to public and private properties provided																														
15	Alternative Traffic Plan provided especially for vehicles and pedestrians																														
16	No Persons below the age of 14 employed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Workers wearing helmets, gloves and boots, etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Harassment and inconvenience to public/business grievance received																														
	Signature of Program Consultant - CSS																														
	Signature of Contractor																														
	Signature of NARSIP Call - AEE																														

Annexure 14

Daily Monitoring Sheet – Water Supply, Davanagere (02 DVG 01)

Davanagere, 02DVG01

Providing and laying of raw water Pumping main from Ballasahalli Head works to Kuvrayada lake. Installation of new Vertical Turbine, Centrifugal pump sets, Construction of 15.11 CM Water Storage Reservoir. 20 RLP Filter House and Sanitary and Installation of Bulk Flow meters for Water Supply scheme to Davanagere City Corporation

Month: Apr-14
Work completed (% to total):
Date of Commencement & Completion: 22-08-2013 & 28-02-2013

CITY, Package No. & Name of Work:

Description of work ongoing:

Location of work ongoing:

WTP at Ballasahalli, Mysore-Harbar.

SN	Parameters	DAY – tick (✓) for Completed, x for not applicable and Blank for not compiled																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	Direction boards, warning boards/signs, etc. provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Safety measures (barriering and warning signs) for Excavated Earth works observed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Warning for dust mitigation undertaken	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Project Sign Board provided with complete details including contact no.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Blockade clearance of drains done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Clearing of Debris to avoid obstruction to vehicles and walking zone	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Trenches are opened and filled in the least possible time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Proper disposal of debris done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Proper coverage to vehicles while transporting debris provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Warning stockpiles of sand and metals carried out	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Contamination of groundwater / surface water is not noticed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Informed public of work in the area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Construction work stopped during night and early morning hours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Access to public and private properties provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Alternative Traffic Plan provided especially for vehicles and pedestrians	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	No persons below the age of 14 employed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Workers wearing helmets, gloves and boots, etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Hardship and inconvenience to public/businesses/attendance received	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Signature of Program Consultant - CSS		[Signature]																															
Signature of Contractor		[Signature]																															
Signature of NKUSIP Cell - AEE		[Signature]																															

Annexure 15

Daily Monitoring Sheet – Water Supply, Davanagere (02 DVG 02)

Davanagere: 02DVG01

CITY, Package No. & Name of Work
Providing and laying of Raw Water Pumping main from Rajanahalli
lited works to Kurdamada lake, Installation of New Vertical
Turbine, Centrifugal pumps sets, Construction of 15LL Clear Water
Storage Reservoir, 20 MLD Filter House and Supplying and
Installation of Bulk Flow meters for Water Supply scheme to
Davanagere City Corporation

Description of work ongoing:
Filter House : Laying of Filter media Other Works: Laying of valve
Chambers and thrust blocks, Pipe laying work & Restoration works.

Month: APR-14
Work completed (% to total) :
Date of Commencement & Completion : 22-08-2011 & 21-02-2013

WTP at Rajanahalli, Davanagar-Barnahalli.

DAY - tick (✓) for Completed, x for not applicable and blank for not completed

SN	Parameters	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Direction boards, warning boards/signs, etc provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Safety measures (baricading and warning signs) for Excavated Earth works observed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Watering for dust mitigation undertaken	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Project Sign Board provided with complete details including contact no.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Blockage clearance of drains done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Clearing of Debris to avoid obstruction to vehicles and walking done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Trenches are opened and filled in the least possible time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Proper disposal of debris done	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Proper coverage to vehicles while transporting debris provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Wetting stockpiles of sand and materials carried out	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Contamination of ground/water / surface water is not noticed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Informed public of work in the area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Construction work stopped during night and early morning hours	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Access to public and private properties provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Alternative Traffic Plan provided especially for vehicles and pedestrians	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	No Persons below under the age of 14 employed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Workers wearing helmets, gloves and boots, etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Hardship and inconvenience to public/business activities received	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Signature of Program Consultant - CSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Signature of Contractor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Signature of NKUSIP Cell - AEE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Assistant Executive Engineer

Annexure 16

Daily Monitoring Sheet – Water Supply, Davanagere (02 DVG 02A)

NOT RECEIVED

8. Status of Clearances/Approvals

Town	Component	Consent obtained from KSPCB (Estab) ¹	Compliance to KSPCB consent submitted ²	Consent obtained from KSPCB (Operation) ³	Remarks ⁴
Bijapur	Sewerage (02 BJR 02)	NA	NA	NA	Work under progress
	STP & Sewerage (02 BJR 02A)	31-Mar-2011	15-Jul-2011	ND	Work under progress
	Sewerage (02 BJR 02B)	NA	NA	NA	Work under progress
Gadag-Betageri	WS (03 GDG 01)	NA	NA	NA	Work under progress
	WS & WTP (03GDG01A)	NA	NA	NA	Work under progress
Hubli	Sewerage (02 HUB 02)	NA	NA	NA	Work under progress
	Sewerage (02 HUB 02A)	NA	NA	NA	Work under progress
	STP (02 HUB 02B)	15-Apr-2011	4-Jun-2011	ND	Work under progress
Dharwad	Sewerage (03 DWD 02)	NA	NA	NA	Work under progress
	STP (03 DWD 02A)	28-Jan-2013	Not submitted	ND	Work under progress. Compliance to KSPCB due
Haveri	WS (01 HVR 01)	NA	NA	NA	Work completed
	STP & Sewerage (01 HVR 02)	25-Aug-2009 (Expired)	15-Oct-2011	ND	No Contractor. Applied for renewal of CFE
Ranebennur	STP & Sewerage (02 RNR 02)	23-Oct-2009 (Expired)	04-Oct-2011	ND	Work under progress. Applied for Renewal of CFE
Davangere	WS (02 DVG 01)	NA	NA	NA	Work under progress
	Sewerage (03 DVG 02)	NA	NA	NA	Work under progress
	STP (03 DVG 02A)	09-Aug-2012	07-Jan-2013	ND	Work under progress

¹ For STP only; consent valid for 3 years

² For STP only; this should be done within 30 day of receipt of KSPCB consent for establishment

³ For STP only this has to done 45-60 days prior to commissioning for trial

⁴ Any other important deviations/notes/clearances should be recorded here and IEE status of Tranche 3. Application submission dates of clearances/consent, etc. Conditions/compliance of consent should also be recorded here. Training on environmental safeguards register.

9. Display of Executive Summary of IEE, in Kannada

Tranche 1 & 2

Bijapur, Hubli, Haveri, Ranebennur and Davangere – Displayed in August 2011 and information provided in November 2011 EMP Report

Tranche 3

Gadag Betageri – Displayed in August 2011 and information provided in November 2013 EMP Report

Dharwad – Displayed in April 2013 and information provided in April 2013 EMP Report

Davanagere – Displayed in February 2012 and information provided in February 2012 EMP Report


10. Status of Labour Registration

The status of submission of Labour Licenses and its validity are presented below;

Town	Submission Status	License Period	Reference	Remarks
Ranebennur	02RNR02 - Submitted	15.06.2013 - 14.06.2014	Enclosed in June 2013 Report	Contractor submitted the renewed license
Bijapur	02BJR02 – Submitted	04.06.2013 - 31.01.2014, Extended upto 31.01.2015	Given as Annexure 14 (b) in this report	Contractor submitted the renewed license
	02BJR02A – Submitted	04.06.2013 - 31.01.2014 Extended up to 31.01.2015	Given as Annexure 14(c) in this report	Contractor submitted the renewed license
	02BJR02B – Submitted	02.06.2012 – 02.06.2013 Extended up to 10.01.2015	Given as Annexure 14 in the EMP monthly report March 2014	Contractor submitted the renewed license
Hubli	02HUB02 - Submitted	19.12.2012- 13.09.2013. Extended to 13.09.2014	Enclosed as Annexure 13 in the Dec 2013 EMP report	Contractor submitted the renewed license.
	02HUB02A - Submitted	19.12.2012- 13.09.2013; Extended to 13.09.2014	Enclosed as Annexure 13 in the Dec 2013 EMP report	Contractor submitted the renewed license.
	02HUB02B - Submitted	30.05.2013- 30.05.2014	Enclosed in May 2013 Report	Contractor has submitted the renewed license
Dharwad	03 DWD 02 - Submitted	31.07.2013- 31.07.2014	Enclosed in Jan. 2013 Report	Contractor has submitted the renewed license
	03 DWD 02A - Submitted	01.04.2013 – 31.03.2014 Extended upto 31.03.2015	Given as Annexure 14 (a) in this report.	Contractor submitted the renewed license
Haveri	01HVR01 – Not Submitted	Nil	Nil	
	01 HVR 02 – Submitted Labour Registration copy in Form	11.09.2012 - 31.12.2016	Enclosed in Aug Report	Contractor has demobilized without completing the works.
Davanagere	02 DVG 01 - Submitted	28.06.2013 to 28.06.2014	Enclosed in June 2013 Report	Contractor has submitted the renewed license
	03 DVG 02	Not Submitted		Contractor has not submitted the license
	03 DVG 02A	Not Submitted		Contractor has not submitted the license

Annexure 14 (a)

Labor License – Dharwad (03DWD02A)



**GOVERNMENT OF KARNATAKA
DEPARTMENT OF LABOUR**

**FORM -VI
(See Rule 25 (1))
LICENCE**

Office of the
Asst. Labour Commissioner
& Licensing Officer,
Dharwad Division,
HUBLI.

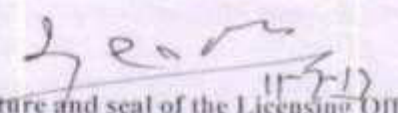
Licence No. ALCH/CLA/LICE: 51/2013.
Fees Rs 1500/-S.B.I, Hubli. Ch.No:7
Date: 03-07-2013

Dated: 11-07-2013
Security Deposit Rs 2500/-
Ch.No:08 Dated 03-07-2013

1 Licence is hereby granted to **DOSHION VEOLIA WATER SOLUTIONS PVT LTD., MADIHAL, DHARWAD** under section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure.

2 This Licence is for doing the work of **SEWAGE TREATMENT PLANT AT MADIHAL DHARWAD** in the establishment of **MUNCIPAL COMMISSIONER, HUBLI-DHARWAD MUNCIPAL CORPORATION, SIR SIDDAPPA KAMBALI MARG, HUBLI** This Licence shall remain in force till **31-03-2014 (01-04-2013 to 31-03-2014)**

Date: 11-07-2013


 Signature and seal of the Licensing Officer
 Licensing Officer,
 Under Contract Labour Act &
 Assistant Labour Commissioner
 Dharwad Div., HUBLI


**Renewal
(Rule-29)**

Date of renewal	Fee paid for renewal	Date of Expiry	Signature and seal of the Licensing Officer
1	2	3	4
21-5-2014	Rs 1875/- 500/- 23-05-14, 03-06-14, 03-07-14, 03-08-14, 03-09-14, 03-10-14, 03-11-14, 03-12-14, 04-01-15, 04-02-15, 04-03-15, 04-04-15, 04-05-15, 04-06-15, 04-07-15, 04-08-15, 04-09-15, 04-10-15, 04-11-15, 04-12-15, 05-01-16, 05-02-16, 05-03-16, 05-04-16, 05-05-16, 05-06-16, 05-07-16, 05-08-16, 05-09-16, 05-10-16, 05-11-16, 05-12-16, 06-01-17, 06-02-17, 06-03-17, 06-04-17, 06-05-17, 06-06-17, 06-07-17, 06-08-17, 06-09-17, 06-10-17, 06-11-17, 06-12-17, 07-01-18, 07-02-18, 07-03-18, 07-04-18, 07-05-18, 07-06-18, 07-07-18, 07-08-18, 07-09-18, 07-10-18, 07-11-18, 07-12-18, 08-01-19, 08-02-19, 08-03-19, 08-04-19, 08-05-19, 08-06-19, 08-07-19, 08-08-19, 08-09-19, 08-10-19, 08-11-19, 08-12-19, 09-01-20, 09-02-20, 09-03-20, 09-04-20, 09-05-20, 09-06-20, 09-07-20, 09-08-20, 09-09-20, 09-10-20, 09-11-20, 09-12-20, 10-01-21, 10-02-21, 10-03-21, 10-04-21, 10-05-21, 10-06-21, 10-07-21, 10-08-21, 10-09-21, 10-10-21, 10-11-21, 10-12-21, 11-01-22, 11-02-22, 11-03-22, 11-04-22, 11-05-22, 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94-03-105, 94-04-105, 94-05-105, 94-06-105, 94-07-105, 94-08-105, 94-09-105, 94-10-105, 94-11-105, 94-12-105, 95-01-106, 95-02-106, 95-03-106, 95-04-106, 95-05-106, 95-06-106, 95-07-106, 95-08-106, 95-09-106, 95-10-106, 95-11-106, 95-12-106, 96-01-107, 96-02-107, 96-03-107, 96-04-107, 96-05-107, 96-06-107, 96-07-107, 96-08-107, 96-09-107, 96-10-107, 96-11-107, 96-12-107, 97		

Annexure 14 (b)

Labor License – Bijapur (02BJR02)

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FORM VI
[See Rule 25(1)]

OFFICE OF LICENSING OFFICER

Licence No. 02BJR02/1500/2011 Dated: 26 APR 2011


Dated 26 APR 2011 Fee paid Rs 1500/- 537/03 2011 540/34 2011


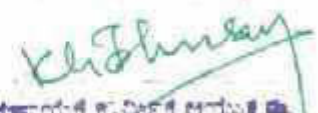

Licence is hereby granted to M/s Ramky Infrastructure Limited in under JV with M/s. APR Projects Limited, H. No: 153 Teachers Colony opp. Sidhswat Ashram, Bijapur Section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure).

This licence is for doing the work of Civil work & A new Areas and Rehabilitation of primary Storm water in Bijapur.
 (nature of work to be indicated) in the establishment of 02BJR02/1500/2011
 (name of principal employer to be indicated) at Bijapur
Bijapur (place of work to be indicated).

The licence shall remain in force till 01-2-2011 to 31-01-2012 (date to be indicated.)


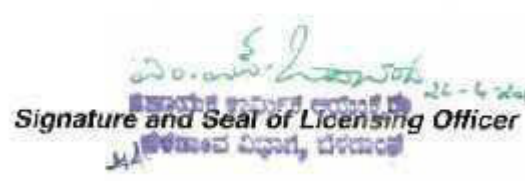
Date: 26 APR 2011


Signature and Seal of Licensing Officer

S. No.	Date of renewal	Fee paid for renewal	Date of expiry
01	2.01.2012	501887 304. 150000 25.50. 286 25.01.2012	31.01.2013  ನಿರ್ದೇಶಕರ ಕಛೇರಿ, ಕುಮಾರ್ ಬೆಂಗಳೂರು ವಿಭಾಗ, ಬೆಂಗಳೂರು
	- 4 JUN 2013	1500+ renewal fee 375+ late fee 1875/- Ch no: 302/04.06.13	31.01.2014  ನಿರ್ದೇಶಕರ ಕಛೇರಿ, ಕುಮಾರ್ ಬೆಂಗಳೂರು ವಿಭಾಗ, ಬೆಂಗಳೂರು
	4-2-2016	1500/- renewal fee 375/- late fee 1875/- 466 25.05.4/2/2014	31-01-2015  ನಿರ್ದೇಶಕರ ಕಛೇರಿ, ಕುಮಾರ್ ಬೆಂಗಳೂರು ವಿಭಾಗ, ಬೆಂಗಳೂರು

Annexure 14 (c)

Labor License – Bijapur (02BJR02A)

 <h2 style="margin: 0;">FORM VI</h2> <p style="margin: 0;">[See Rule 25(1)]</p> <h3 style="border: 1px solid black; padding: 5px; display: inline-block;">OFFICE OF LICENSING OFFICER</h3>	
Licence No. <u>ಕೆ.ಎ.ಎಸ್. ಇಂಫ್ರಾಸ್ಟ್ರಕ್ಚರ್ಸ್ ಪ್ರಾ. ಸಂ. - 28. / 2011. ಬಿಜಾಪುರ</u> <u>26 APR 2011</u>	
Dated <u>26 APR 2011</u> <u>1500/- Rupee: 538/23</u> <u>4/2011</u>	Fee paid Rs. <u>1500/- Rupee: 538/23</u> <u>4/2011</u>
<p>Licence is hereby granted to <u>"M/s. Ramky Infrastructure Limited, in JV with M/s. APR Projects Pvt. Limited, No. H-153, Teachers Colony, opp. Siddeshwar Ashram, Bijapur."</u> Section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure).</p>	
<p>This licence is for doing the work of <u>"CIVIL WORK" 2 B and Construction of - FAL TYPE STP. in Bijapur.</u> (nature of work to be indicated) in the establishment of <u>City Municipal Council, Bijapur.</u> (name of principal employer to be indicated) at _____ <u>BIJAPUR</u> (place of work to be indicated).</p>	
<p>The licence shall remain in force till <u>31-01-2012</u> <u>01-02-2011 to</u> <u>16</u> (date to be indicated.)</p>	
Date <u>26 APR 2011</u>	
 <p>Signature and Seal of Licensing Officer</p>	

S. No.	Date of renewal	Fee paid for renewal	Date of expiry
01	24.01.2012	<p>ಶೇಟರ್ ಶುಲ್ಕ: 1500/-</p> <p>ಶೇ. ಶುಲ್ಕ: <u>285</u></p> <p>24.01.2012</p>	<p>31.01.2013</p> <p><i>[Signature]</i></p> <p>ಮಾನ್ಯ ಸರ್ಕಾರಿ ಅಧಿಕಾರಿ, ಕೆ.ಎಂ.ಸಿ.ಪಿ.ಎಲ್.</p>
	- 4 JUN 2013	<p>190/- Renewal fee</p> <p>375/- Rate fee</p> <p>1875/-</p> <p>Ch. No. 300/04.06.13</p>	<p>31.01.2014</p> <p><i>[Signature]</i></p> <p>ಮಾನ್ಯ ಸರ್ಕಾರಿ ಅಧಿಕಾರಿ, ಕೆ.ಎಂ.ಸಿ.ಪಿ.ಎಲ್.</p>
	4-2-2014	<p>ಶೇ. 1500/- ಶೇ. 1500/-</p> <p>ಶೇ. 375/- ಶೇ. 375/-</p> <p>ಶೇ. 2500/- ಶೇ. 465</p> <p>ಶೇ. 4/2/2014</p>	<p>31-01-2015</p> <p><i>[Signature]</i></p> <p>ಮಾನ್ಯ ಸರ್ಕಾರಿ ಅಧಿಕಾರಿ, ಕೆ.ಎಂ.ಸಿ.ಪಿ.ಎಲ್.</p>

**EMP MONITORING REPORT OF PACKAGE 4 –
MAY 2014**

Monthly Report on Environmental Management Plan (EMP) in BELLARY, CMC

1. Introduction:

The components taken up for BELLARY CMC are detailed in the following Table.

Package	Sub Project	Physical completion (%)	Date of award of contract	Date of scheduled completion	Date of extensions if any
02 BLY 01 A	Water supply	93	27.04.2011	26.10.2012	26.06.2014
02 BLY 01 B	Water supply	70	17.10.2011	16.10.2013	16.04.2014
02 BLY 01 C	Water supply	72	27.04.2011	26.10.2013	26.10.2014

The Initial Environmental Examination (IEE) Report submitted to ADB in the year 2010. The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections.

2. Permission/ Consents/ Clearances/ Approvals:

Particulars	Sub project	NH	Railways	KPTCL/ HESCOM	BSNL	KSPCB
Status of Consents / Clearances / Permissions / Approval	Water supply	Obtained on 07.02. 2012	Obtained on 19.10.2012	Obtained as and when required	Obtained on 06.09.20 12	NA

3. Field Visit & Training Conducted

Field Visit	Date	Site Visited	Persons met	Remarks
	09.04.14, 11.04.14 & 19.04.14	Works at Moka, Sangankal, Alipura, Dodda Market	CSS – PC, RE-PC, PM - Contract agency, site engineer, Supervisor & workers.	ES (PC) visited the intake pump house at Moka, water treatment plants at Sangankal and Allipura and ELSR at Dodda market area. The pump house at Moka water works was in operation. Work was in progress in the water treatment plant areas at Sangankal , Allipura and ELSR at Dodda market area. ES observed a number of non- compliances at all the above sites. The details of non – compliances along with the photographs are given in the subsequent paragraphs.

Training	Date	Place	Subject	Participants
	09.04.14 11.04.14 & 19.04.14	Near WTP at Sangakal & Allipura, Pumping station at Moka water works & ELSR at Dodda market.	Orientation Program for Implementing agency and executing agency covering following topics: <ol style="list-style-type: none"> 1. Review of the mitigation measures included in the contract agreement. 2. Environmental issues related to urban infrastructure investment programs during construction 3. Importance of on - the -job - training on safety of workers, hazards related to construction work site and the preventive measures, 4. Arising inconvenience to community at the project site and plan to mitigate the impacts, 5. Environmental safeguard and responsibilities of the Contractor. 6. Importance of EMP. 7. Environmental monitoring at site. 8. On site waste management plan. 	38 participants Including workers at site (List of participants given in annexure-3)

4. Compliance to EMP:

Package : 02BLY 01A			
Particulars	Sub Project	Status of compliance	Compliance to EMP
Construction Stage Monitoring	Water supply	Compliance	<ol style="list-style-type: none"> 1. Project sign board provided with complete details including contact phone number 2. Contamination of ground water / surface water is not noticed. 3. No persons employed below 14 years of age. 4. Excluded the public from site.
		Non - compliance	<ol style="list-style-type: none"> 1. A number of electrical connections were found without earthing, proper socket & plugs. 2. Workers were found working without safety shoes, helmets & ear plugs. 3. A number of in-flammable materials were littered in the electrical sub - station. The electrical sub station should be dry & free from any such materials. 4. The fire extinguisher do not have date of calibration & due date of calibration.

			<ol style="list-style-type: none"> 5. Large openings found in jack well near vertical turbine pumps. The openings need to be covered with grating so that the level of water is seen as well as acting as a cover. 6. Incomplete rubber mat for electrical panels. 7. Oil soaked cotton waste (which is catergorised as hazardous waste) is stored inside the pump house. This has to be disposed off by controlled burning 8. The accident register & public grievance register could not be produced at site by the contracting agency. 9. Labour License certificates could not be produced by the contract agency. 10. The grating on the inlet well is not strong & safe. It needs be replaced immediately with a stronger material,
Package 02BLY 01B			
Construction Stage Monitoring	Water supply	Compliance	<ol style="list-style-type: none"> 1. Project sign board provided with complete details including contact phone number 2. Contamination of ground water / surface water is not noticed. 3. No persons employed bellow 14 years of age 4. Public were excluded from the project site.
		Non-compliance	<ol style="list-style-type: none"> 1. The adherence to PPEs was found to be very poor in Sangankal area. .The situation is slightly better, but not satisfactory in Allipur area. 2. Labour colony in Sangankal do not have the toilet facility for the workforce. 3. There were no records of occupational health of the workers. 4. The accident register & grievance register could not be witnessed during the inspection by ES. 5. The house keeping in Sangankal was found to be below the general standard. 6. There was no water spraying near

			<p>the working area to suppress the dust.</p> <ol style="list-style-type: none"> The temporary ladder at the filter house in Sangankal was very steep and found to be unsafe. This was brought to the notice of the contract agency immediately for rectification. No water spraying was being done on the sand & metal. There was no barricading to a number of open, excavated & water logged areas at Alipur & Sangankal sites. Labour licence copy could not be witnessed at site.
Package 02BLY 01C			
Construction Stage Monitoring	Water supply	Compliance	<ol style="list-style-type: none"> Project sign board provided with complete details including contact phone number Contamination of ground water / surface water is not noticed. People / shopkeepers of the working area have been informed before execution of the work. No persons of age less than 14 were found to be employed at the project site. Most of the workers in Dodda market were found to be wearing safety helmets, There was improvement in the house keeping at the Dodda market area when compared to the month of March 2014.
		Non-compliance	<ol style="list-style-type: none"> No water spraying was being done on the sand & metal. The entrance to the housing area, which has a common divider between the ELSR area and the housing colony, was unsafe. The beam was found to be in dilapidated condition. Accident register & public grievance register could not be witnessed at site. The hand railing at the top of ELSR at Dodda market area was unsafe with wide gap between horizontal & vertical supports.

5. Redress of Grievances:

Sub project	Registers maintained	No. of grievances received	Action taken
Water supply	No	No records found as the register is not being maintained.	Instructed the contracting agency to maintain public grievance register

6. Summary and Conclusions:

Monitoring of EMP (Environment Management Plan) is being done daily for the critical issues and Environmental Safeguards being followed, however, the following issues need to be addressed.

SL	Issues/ Deviations	Corrective Actions to be taken
1.	Helmets, hand gloves, safety shoes not available for all workers.	Instructed the contractor's representative to provide helmets, hand gloves, safety shoes to all workers with immediate effect. Ear plug & safety goggles to be provided for the workers engaged in blasting operation. Hand gloves to be provided for the persons engaged in cement work, concreting & bar banding work. Safety belt to be provided to the workers working at height.
2.	Records of accidents register	Has informed AEE, NKUSIP to maintain the records of accidents with details on date, name of person, address and contact phone number, type of injuries, remarks, causes etc. This was also informed to the site engineer.
3.	Records of public grievance register	Has informed AEE, NKUSIP to maintain the grievance register with details on date, name of person, address and contact phone number, type of grievances, remarks, signature etc. This was also informed to the site engineer.
4.	Safety measures (barricading and warning sign) not provided at excavated site.	Instructed the contractor's representative to provide the barricading & warning boards at work site with immediate effect. This is more important & serious at Alipur & Sangankal areas where work is in progress in dull swing.
5.	Labour License	Informed the contractor to provide a copy of the same. .
6.	No safety talk before start up of any activities / work	Instructed the contractor to initiate tool box talk at the project site every day morning before start of the work
7.	Clear work place	The work place at WTP site at Allipua was littered. The debris & useful construction material to be kept in an earmarked area.
8.	Dust control	Water spray was not being done at the area to control the dust arising due to blasting activity. Water to be sprayed on sand & metal.
9.	Unsafe ladders	The ladder to the ELSR at Allipua site was in very unsafe condition. Instructed the site supervisor to make it safe & strong.
10.	Facility of toilets	Toilet facility to be made available at all the labour colonies separately for men & women.

Annexure:



1. Photographs.
2. List of participants in training on Compliance of EMP at Bellary CMC.

Annexure: 2 – Bellary CMC, Project site Photographs

Project Package: 02 BLY 01 A	
Location: Head works, Moka, Bellary Date: 9th & 11th April 2014	Location: Head works, Moka, Bellary Date: 9th & 11th April 2014
	
Unsafe electrical connection Location: Head works, Moka, Bellary Date: 9th & 11th April 2014	Unsafe electrical connection Location: Head works, Moka, Bellary Date: 9th & 11th April 2014
	
Worker without Personal protective Equipment	No calibration date on the fire extinguisher

Project Package: 02 BLY 01 A	
Location: Head works, Moka, Bellary Date: 9th & 11th April 2014	Location: Head works, Moka, Bellary Date: 9th & 11th April 2014
	
Opening in the jack well	In-flammable material inside the electrical sub station

Project Package: 02 BLY 01 B	
Location: Sangankal WTP, Bellary Date: 9th & 19th April 2014	Location: Sangankal WTP, Bellary Date: 9th & 19th April 2014
	
Unsafe scaffolding at the filter house - Sangankal (with inadequate supports)	Workers carrying out concreting work at Sangankal without wearing PPEs.

Location: Alipur WTP, Bellary (Micro tunneling work) Date: 9th & 19th April 2014	Location: Alipur WTP, Bellary (Micro tunneling work) Date: 9th & 19th April 2014
 <p>Workers with Helmets, safety shoes & safety goggles at the micro tunneling work site, Alipur</p>	 <p>Barricading of the excavated trench at the micro tunneling work site, Alipura</p>

Project Package: 02 BLY 01 C	
Location: ELSR area, Dodda market, Bellary, Date: 21.03.2014	Location: ELSR area, Dodda market, Bellary, Date: 21.03.2014
 <p>Unsafe hand railing at the top of ELSR</p>	 <p>The chain of the winch without chain cover.</p>

Annexure: 3

List of participants attended the training on Compliance of EMP

Sl. No	Name	Designation	Contact no.
2	Mr. Rahamtullah	CSS - PC	9632254856
3	Mr. Sreenivas Reddy	RE – PC	9902145953
4	Mr. S.N.Mallikarjuan	RE – PC	9036048915
5	Mr. K. B. Gururaj	RE – PC	9845804651
6	Mr. Imtiaz	PM - Contract agency	9008026404
7	Mr. Gajanana Hegde	Site Incharge - Contract agency	
8	Mr. Shivanna	Site supervisor - contract agency	
9	7 workers at Moka head works		
10	12 workers at Sanganka		
11	4 workers at Dodda market		
12	8 workers at Allipur		

Monthly Report on Environmental Management Plan (EMP) in Chamarajnagar, CMC

1. Introduction:

The components taken up for Chamarajnagar, CMC are detailed in the following Table.

Package	Sub Project	Physical Completion (%)	Date of award	Date of scheduled Completion	Date of Extensions if any
IV- Bellary - 02CRN 01	Water Supply Improvement	97	07.06.2011	06.12.2012	Requested for extension till 20 th July 2014
IV- Bellary - 02CRN 02	Sewerage System	49	23.01.2012	22.07.2013	31.10.2014

The Initial Environmental Examination (IEE) Report submitted to ADB in the year 2010. The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections

2. Permission/ Consents/ Clearances/ Approvals:

Particulars	Sub projects	NH	PWD	KPTCL/ HESCOM	BSNL	KSPCB
Consent/Clearance/ Permission/Approval Status (Obtained- ✓ and Not Obtained X)	Water Supply Improvement	Last request Letter Submitted on 08.07.11	Obtained on 17.03.12	Obtained on 17.03.12	Obtained on 01.07.11	NA
	Sewerage System	-as above-	Obtained on 17.03.12	Obtained on 17.03.12	Obtained on 01.07.11	Obtained on 24.11.11

3. Field Visit & Training Conducted

Field Visit	Date	Site Visited	Persons Meet	Remarks
	28.04.14	Water Supply Improvement Works.	AE - NKUSIP (water supply), AE - NKUSIP (Sewerage systems) RE-PC, Site engineers- Contractor, Supervisors- Contractor, Workers at site.	Field visited by ES (PC) with RE of PC, AE -NKUSIP (Water supply) and site engineers of contractor. Observed a number of non – compliances with reference to the “Environmental Safeguards”.
		STP construction work at Banditittu area, UGD work at court road & double road		

	Date	Location	Nature of Training	Participants
Training	28.04.2014	Water supply improvement work	Orientation Program for Implementing agency and executing agency covering following topics:	AE- NKUSIP, RE- PC & 7 workers at site.
		STP construction work at Banditittu, UGD work at Court road & double road.	<ol style="list-style-type: none"> 1. Explanation on ADB Safeguards policy 2009. 2. Summary of IEE report and explanation of mitigation measures. 3. Review of the mitigation measures included in the contract agreement. 4. Environmental issues related to urban infrastructure investment programs during construction 5. Importance of on - the -job - training on safety of workers, hazards related to construction work site and the preventive measures, 6. Arising inconvenience to community at the project site and plan to mitigate the impacts, 7. Environmental safeguard and responsibilities of the Contractor. 8. Importance of EMP. 9. Environmental monitoring at site. 10. On site waste management plan. 	AE- NKUSIP, RE – PC, Site engineers & Supervisor of M/s GSJ – Arvind (JV) Ltd., & 30 workers. List of participants given in Annexure- 3.

4. Compliance to EMP:

Particulars	Sub Project	Status of compliance	Compliance to EMP
Construction Stage Monitoring	Water Supply Improvement at Mangala	Compliance	<ol style="list-style-type: none"> 1. Project sign board provided with complete details including contact no. 2. Contamination of ground water / surface water was not noticed. 3. No persons employed below 14 years of age.
		Non - Compliance	<ol style="list-style-type: none"> 1. Workers not using personal protective equipment like helmets, hand gloves & safety shoes. 2. No barricade for excavated areas near double road. 3. No water spraying for dust control. 4. No accident register being maintained at site.
Construction Stage Monitoring	Sewerage system (STP & UGD area)	Compliance	<ol style="list-style-type: none"> 1. Project sign board provided with complete details including contact no. 2. Contamination of ground water / surface water was not noticed.

			<ol style="list-style-type: none"> 3. No persons employed below 14 years of age. 4. First aid box with required minimum medicine was noticed at STP site. 5. Sign board “Work in progress” was provided at the UGD site in Court road. 6. Labour licence which is valid till 15.03.2015 was witnessed. 7. Barricading with safety tape was partly in place.
		Non - Compliance	<ol style="list-style-type: none"> 1. No hard barricading for excavated areas & trenches. 2. Unsafe scaffolding supports, which may result in safety hazard 3. Electrical panel was found partly opened. This may result in rain water ingress into the panel leading into a safety hazard. 4. Electrical wires laid on the ground without any protection. 5. No accident register being maintained at site. 6. No water spraying arrangement for the construction site, especially on the UGD work site area in Court road. 7. Out of 27 workers at STP site, only 11 were found to be wearing helmets and 3 persons were wearing shoes. The balance work force was without any PPEs. 8. The workers near Court road, where drilling was in progress for laying UGD line were not wearing safety shoes, ear plugs, safety helmets, goggles. 9. No toilets for the workers residing at the labour colony 10. No records of medical check up of the work force. 11. Demolished structure with steel scrap lying at the STP site.

8. Redress of Grievances:

Sub project	Registers Maintained	No. of Grievances received	Action Taken
Water Supply	√	Nil during the month	
Sewerage system	√	Nil during the month	

9. Summary and Conclusions:

EMP monitoring being done daily on the critical issues and Environmental Safeguards being followed however, the following issues need to be addressed.

SL	Issues/ Deviations	Corrective Actions to be taken
1.	Helmets, hand gloves, safety shoes not available for all workers.	Instructed the contractor's representative to provide helmets, hand gloves, safety shoes to all workers with immediate effect.
2.	Records of accidents register	Informed to AE- NKUSIP & RE - PC to maintain the records of accidents with details on date, name of person, address and contact phone number, type of injuries, remarks, causes etc. This was also informed to the project Engineers of contract agency.
3.	Safety measures (barricading) not provided at excavated site.	Instructed the contractor's representative to provide the barricading at work site with immediate effect. This is of utmost importance in UDG areas where habitation is more and more prone to accidents. Hard barricading needs to be done at UDG areas where the area is exposed to more general public.
8	No safety talk before start up of any activities work	Instructed the contractor to initiate tool box talk at the project site every day morning before start of the work
9	Clear work place	The house keeping at STP site was not in order. The debris & useful construction material to be kept in an earmarked area.
10	Dust suppression at the work area	Water spraying / sprinkling to be intensified at the construction site. This is to be done religiously at the UDG areas where the exposure to public is more
	Toilets for the labour colony	Separate toilets for men & women to be constructed for the labours residing at construction site.
	Electrical safety	The electrical panel was exposed. Live electrical wires were laid on the ground. This is very serious issue and may result in fatal accident
	Health records	The health records of all the staff working at site to be maintained.

Annexures:

1. Photographs.
2. List of participants in training on Compliance of EMP.

Annexure: 2

PACKAGE: 02CRN 01, Water Supply improvement work.

Location: Near WTP area
Date: 28.04.2014



Working without safety helmet & shoes

Package : 02 CRN 01
Location: Near WTP area
Date: 28.04.2014

Location: Near WTP area
Date: 28.04.2014



Working without safety helmet & shoes

Package : 02 CRN 01
Location: Near WTP area
Date: 28.04.2014



Concrete mixer without cover for the chains



RE - PC with PPEs

Sewerage System Package: 02 CRN 02 Location: Near STP area Date: 28.04.2014	
 <p>Part compliance to safety.</p>	 <p>Excavated area without barricade / safety tape</p>
Package : 02 CRN 02 Location: Near STP area Date: 28.04.2014	Package : 02 CRN 02 Location: Near STP area Date: 28.04.2014
 <p>Part compliance to safety.</p>	 <p>Live electrical wires without protection</p>

Package : 02 CRN 02
Location: Near STP area Date: 28.04.2014



Exposed Panel board - unsafe practice

Package : 02 CRN 02
Location: Near STP area Date: 28.04.2014



Project information board with contact details

Package : 02 CRN 02
Location: UGD area near Court road
Date: 28.04.2014



Sign board with all round safety tape

Package : 02 CRN 02
Location: UGD area near Court road
Date: 28.04.2014



Working with helmet, shoes, ear plug & barricading of the area.

Package : 02 CRN 02
Location: UGD area near BD colony
Date: 28.04.2014



Site supervisor with safety gadgets

Package : 02 CRN 02
Location: STP area
Date: 28.04.2014



Steel scrap along with demolished structure

Annexure: 3

List of participants in the training program on Compliance of EMP at Chamarajnagar CMC

Sl. No	Name	Designation	Contact no.
	Mr. M. Ramesh	AE - NKUSIP	98441102282
	Mr. C. Mahadevaiah	AE - NKUSIP	
	Mr. Mogappa	RE- PC	9964947313
	Mr. Rajanikanth	Site engineer GSJ- Arvind Ltd)	9632880789
	Mr. Charan Raj	Site engineer, GSJ- Arvind Ltd	
	Mr. Stalin	Site supervisor – GSJ- Arvind Ltd	
	Mr. Arun	Site supervisor – GSJ- Arvind Ltd	
	27 workers at STP site		
	4 workers at UGD site		
	7 workers at WTP site		

Monthly Report on Environmental Management Plan (EMP) in HOSPET, CMC

1. Introduction:

The components taken up for HOSPET, CMC are detailed in the following Table.

Package	Sub Project	Physical Completion (%)	Date of Award	Date of Completion	Date of Extensions if any
01HPT 02 A	Improvements to sewerage system in Hospet (UGD system)	44	31.10.2011	29.03.2012	31.12.2014
01HPT 02 B	Improvements to sewerage system in Hospet (STP)	65	31.10.2011	29.03.2012	31.12.2014

The Initial Environmental Examination (IEE) Report submitted to ADB in the year 2010. The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections.

2. Permission/ Consents/ Clearances/ Approvals:

Name of the scheme	Contract package	NH	Railways	PWD	KPTCL/ Hescom	Irrigation	KSPCB
UGD	01HPT02A	NA	Approved on 12-08-2013	NA	Approved	Approved 24-12-2010	NA
UGD	01HPT02B	NA	Approved 12-08-2013	Approved 06/12/2010	Approved	NA	Approved 10-12-2010

3. Field Visit & Training Conducted

Field Visit	Date	Site Visited	Persons met	Remarks
	10 th & 15 th April 2014	UGD & Sewage Treatment Plant	AEE– NKUSIP, CSS - PC, RE-PC, project manager – Contractor, site engineer, Supervisor & workers.	ES (PC) visited the STP & UGD areas. Work was in progress in both the STP & UGD areas. ES observed a number of non-compliances at the STP & UGD sites. The details of non – compliances along with the photographs are given in the subsequent paragraphs.

Training	Date	Place	Subject	Participants
	10 th & 15 th April 2014	Near STP site.	<p>Orientation Program for Implementing agency and executing agency covering following topics:</p> <ol style="list-style-type: none"> 1. Explanation on ADB Safeguards policy 2009. 2. Summary of IEE report and explanation of mitigation measures. 3. Review of the mitigation measures included in the contract agreement. 4. Environmental issues related to urban infrastructure investment programs during construction 5. Importance of on - the -job - training on safety of workers, hazards related to construction work site and the preventive measures, 6. Arising inconvenience to community at the project site and plan to mitigate the impacts, 7. Environmental safeguard and responsibilities of the Contractor. 8. Importance of EMP. 9. Environmental monitoring at site. 10. On site waste management plant 	15 participants Including workers at site. (List of participants given in annexure-3)

4. Compliance to EMP:

	<i>Sub Project</i>	<i>Status of compliance</i>	<i>Compliance to EMP</i>
Construction Stage Monitoring	UGD	Compliance	<ol style="list-style-type: none"> 1. Blockage clearance of drains done 2. Trenches are opened and filled in the least possible time. 3. Proper coverage of vehicles while transporting the debris provided. 4. Contamination of ground water /

			<p>surface water is not noticed.</p> <ol style="list-style-type: none"> The people / shopkeepers of the working area have been informed before execution of the work. Alternative traffic plan have been followed during execution of the work especially for vehicles. No persons employed bellow 14 years of age. Excluded the public from site. Barricading found around the trenches
Construction Stage Monitoring	UGD	Non - compliance	<ol style="list-style-type: none"> Project sign board with complete details including contact phone number has not been provided as the work was going on in small pieces in a number of areas. Labour licence certificate could not be produced by the contractor at site Helmets, gloves & safety shoes are not issued to all the workers. Records of accident register not being maintained No accident register & records of public grievance being maintained. No records of occupational health register of the employees being maintained.
Construction Stage Monitoring	STP	Compliance	<ol style="list-style-type: none"> Project sign board provided with details including contact phone number Contamination of ground water / surface water is not noticed. No persons employed bellow 14 years of age Excluded the public from site.
		Non - compliance	<ol style="list-style-type: none"> No barricading of the site for excavated & low lying areas. No water spraying for the sand & metal was being done. Material lying haphazardly all round the area No water spray was noticed to suppress the dust.

			<p>5. Labour licence certificate could not be witnessed during the site visit.</p> <p>6. There is no accident register being maintained</p> <p>7. The percentage of workers wearing PPEs was less than 20%.</p> <p>8. No toilets have been provided for men & women, who are residing at the labour colony.</p>
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5. Redress of Grievances:

<i>Sub project</i>	<i>Registers maintained</i>	<i>No. of grievances received</i>	<i>Action taken</i>
Sewerage Treatment Plant	No	No records found as there was no register	Instructed the contracting agency to maintain public grievance register with immediate effect.
UGD	No	No records found as there was no register	

6. Summary and Conclusions:

Monitoring of EMP (Environment Management Plan) is being done daily for the critical issues and Environmental Safeguards being followed, however, the following issues need to be addressed.

<i>SL</i>	<i>Issues/ Deviations</i>	<i>Corrective Actions to be taken</i>
1.	Helmets, hand gloves, safety shoes not available for all workers.	Instructed the contractor's representative to provide helmets, hand gloves, safety shoes to all workers with immediate effect. The contractor has been advised to insist on all the work force for use of PPEs.
2.	Records of accidents register	Informed to the contractor to maintain the records of accidents with details like date, name of person, address and contact phone number, type of injuries, remarks, causes etc. This was also informed to the site engineer.
3.	Records of public grievance register	Informed to the contractor to maintain the grievance register with details like date, name of person, address and contact phone number, type of grievances, remarks, signature etc. This was also informed to the site engineer.
4.	Safety measures (barricading and warning sign) not provided at excavated site.	Instructed to Contractor's representative to provide the barricading and warning boards at all the work sites with immediate effect.
5.	Labour License	Could not be witnessed during the site visit. Informed the contractor to furnish the same immediately. .
6	Ambient air quality monitoring of the area	Instructed the contractor to carry out the ambient air quality monitoring at minimum three locations once in every quarter to know the dust level of the area so as to enable corrective and preventive measures.

7	Noise monitoring of the area	Instructed the contractor to carry out the noise monitoring to know the dust level of the area so as to enable corrective and preventive measures.
8	No safety talk before start up of any activities / work	Instructed the contractor to initiate tool box talk at the project site every day morning before start of the work.
9	Clear work place	The work place at STP site was littered. The debris & useful construction material to be kept in an earmarked area.
10	No toilet for the lacour colony	Toilets have not been provided for the labour colony. To provide two toilets; one each for men & the other for ladies.

Annexure:

1. Photographs.
2. List of participants in training on Compliance of EMP at Hospet, CMC.

Annexure: 2 □ HOSPET CMC, Project site Photographs

Project Package: 01 HPT 02B	
Location: STP construction site, Hospet. Date: 10th & 15th April 2014	Location: STP construction site, Hospet. Date: 10th & 15th April 2014
 <p>Work force working without Personal protective Equipment (hand gloves, Helmet & shoes)</p>	 <p>The workers at fabrication site & concreting area do not have any PPEs.</p>
Location: STP construction site, Hospet. Date: 10th & 15th April 2014	Location: STP construction site, Hospet. Date: 10th & 15th April 2014
 <p>No dust suppression by water sprinkling for the work site at STP, Hospet</p>	 <p>No barricading at the excavated area.</p>

Annexure: 3

List of participants attended the training on Compliance of EMP at Hospet

Sl. No	Name	Designation	Contact no.
1	Mr. M. Hyati	CSS - PC	9480296194
2	Mr. Subhash	Resident Engineer - PC	9731208096
3	Mr. P.Pachamuthu	Site in-charge- contract agency	9900030835
4	Mr. Rahim Ahmed	Site engineer - contract agency	9611133051
5	PM - Chandrashekhar Reddy	PM - contract agency	9900030834
6	10 no. of workers at site		

Monthly Report on Environmental Management Plan (EMP) in KOPPAL, CMC

1. Introduction:

The components taken up for KOPPAL, CMC are detailed in the following Table.

Package	Sub Project	Physical Completion (%)	Date of Award	Date of scheduled Completion	Date of Extensions if any
02KPL02	UGD & Sewage Treatment Plant	52	31.10.2011	30.04.2013	31.01.2014 & 30.09.2014

The Initial Environmental Examination (IEE) Report submitted to ADB in the year 2010. The status of Environmental Management Plan (EMP) for the month of April 2014 is presented in the following sections.

2. Permission/ Consents/ Clearances/ Approvals:

Particulars	Sub project	NH	Railways	PWD	KPTCL/ HESCOM	BSNL	KSPCB	Irrigation
Status of Consents / Clearances / Permissions / Approval	UGD & Sewage Treatment Plant	Obtained on 07.02. 2012	Latest request sent to Southern Railways on 03.01.2014. Two permissions pending with the Railways.	Obtained on 24.08. 2011	Obtained as and when required	Obtained as and when required	Obtained on 16.04.20 12	Obtained on 27.02.2012

3. Field Visit & Training Conducted

Field Visit	Date	Site Visited	Persons met	Remarks
	26.04.20 14	UGD & Sewage Treatment Plant	AEE– NKUSIP, CSS – PC, RE-PC, project manager – Contractor, site engineer, Supervisor & workers.	ES (PC) visited the STP & UGD areas. Work was in progress in both the STP & UGD areas. There is a good progress with reference to environment safeguards when compared to the month of March 2014. However, there are a number of non-compliances at the STP site & at the UGD site. The details of non – compliances along with the photographs are given in the subsequent paragraphs.

Report on Environmental Management Plan (EMP) – April, 2014

Training	Date	Place	Subject	Participants
	26.04.2014	Near STP site & Ganesh Taggu (UDG site).	<p>Orientation Program for Implementing agency and executing agency covering following topics:</p> <ol style="list-style-type: none"> 1. Explanation on ADB Safeguards policy 2009. 2. Summary of IEE report and explanation of mitigation measures. 3. Review of the mitigation measures included in the contract agreement. 4. Environmental issues related to urban infrastructure investment programs during construction 5. Importance of on - the -job - training on safety of workers, hazards related to construction work site and the preventive measures, 6. Arising inconvenience to community at the project site and plan to mitigate the impacts, 7. Environmental safeguard and responsibilities of the Contractor. 8. Importance of EMP. 9. Environmental monitoring at site. 10. On site waste management plan. 	23 participants Including workers at site. (List of participants given in annexure-2)

4. Compliance to EMP:

Particulars	Sub Project	Status of compliance	Compliance to EMP
Construction Stage Monitoring	UGD	Compliance	<ol style="list-style-type: none"> 1. Blockage clearance of drains done 2. No obstruction to vehicles pedestrians by removing debris. 3. Proper disposal of debris done. 4. Contamination of ground water / surface water is not noticed. 5. The people / shopkeepers of the working area have been informed before execution of the work. 6. Alternative traffic plan have been followed during execution of the work especially for vehicles. 7. No persons employed bellow 14 years old. 8. Excluded the public from site. 9. 50% of the workforce was found wearing helmets & shoes.
	UGD	Non - compliance	<ol style="list-style-type: none"> 1. There was no 100% compliance for safety helmets & shoes by the workers. 2. Ear plug / ear muff was not being worn by the workers near drilling operation.

			<ol style="list-style-type: none"> No water spraying was being done neat the construction work site at UGD area. No warning sign board was provided at the UGD site near Ganesh Taggu. The excavation was being done at a depth of ~ 4.5 m below GL. The labour licence of the contract agency could not be witnessed. Barricading was from only red tapes. There should barricading made from bamboo
	STP	Compliance	<ol style="list-style-type: none"> Part barricading of the work site done. The work force is found working with necessary PPEs like, safety helmets, safety shoes, & hand gloves. Contamination of ground water / surface water is not noticed. No persons employed bellow 14 years old. Water spray at the work site was being done in some areas to suppress the dust.
	STP	Non - compliance	<ol style="list-style-type: none"> The barricading at a number of areas needs to be strengthened. The water spray in the work site needs to be intensified as there is more dust generation during summer months. The sign board giving the project information needs to be updated. Though there is improvement in the housekeeping when compared to the month of March 2014, still there were a number of mix up materials / scrap at the STP entrance. No toilet for the workers residing at the labour colony Labour licence certificate could not be witnessed during the site visit. A number of construction equipment like drilling machine, cutters were kept in the office room in un-organised manner.

5. Redress of Grievances:

<i>Sub project</i>	<i>Registers maintained</i>	<i>No. of grievances received</i>	<i>Action taken</i>
Sewerage Treatment Plant	Yes, Register on public grievance being maintained at AEE office with effect from 26.04.2014	No grievances rerecorded.	Informed the AEE to record the public grievances in the register
UGD	Yes, Register on public grievance being maintained at AEE office with effect from 26.04.2014	No grievances rerecorded.	

6. Summary and Conclusions:

Monitoring of EMP (Environment Management Plan) is being done daily for the critical issues and Environmental Safeguards being followed, however, the following issues need to be addressed.

<i>SL</i>	<i>Issues/ Deviations</i>	<i>Corrective Actions to be taken</i>
1.	Helmets, hand gloves, safety shoes not available for all workers.	AT the STP site, all the work force was found working with PPEs, whereas at UGD site, the adherence to PPEs was ~ 50%. Instructed the contractor's representative to provide helmets, hand gloves, safety shoes, ear plug to all the workers wherever applicable with immediate effect.
2.	Safety measures (barricading and warning sign) not provided at excavated site.	Barricading was done at the UGD site. The barricading needs to be strengthened at STP site. There was no warning sign board at the UGD work sites. Instructed the contractor's representative to provide the barricading & warning boards at work site with immediate effect.
3.	Labour License	Informed the contractor to provide the same during next visit.
4	No safety talk before start up of any activities / work	Instructed the contractor to initiate tool box talk at the project site every day morning before start of the work
5	Clear work place	The work place at STP site was not upto the mark. This has been informed to the contract agency to assort the materials / scrap and keep the work area neat & clean.
6	Water spraying at the work site	Water spraying was not being done at the STP site resulting in dust generation during the movement of vehicles. Instructed the contractor to carry out dust suppression action by regular water spraying near the areas of construction activity.
7	No toilets for labour colony	The labour colony at the STP site do not have any toilets. Instructed the contractor to build two toilets - one for ladies & the other one for gents with immediate effect.
8	No records of medical check up of the work force.	Instructed the contractor to carry out medical check up of the work force once in six months & maintain the records.

Annexure:

1. Photographs.
2. List of participants in training on Compliance of EMP at Hospet, CMC.

Annexure: 1 □ KOPPAL CMC, Project site Photographs

Project Package: 02KPL02	
Location: STP construction site, Koppal. Date: 26.04.2014	Location: STP construction site, Koppal. Date: 26.04.2014
	
Work force working with safety appliances	RE, Koppal with PPEs at STP site
Location: STP construction site, Koppal Date: 26.04.2014	Location: STP construction site, Koppal Date: 26.04.2014
	
Part barricading at the site	Part barricading at the work site

Project Package: 02KPL02	
Location: STP construction site, Koppal. Date: 26.04.2014	Location: STP construction site, Koppal. Date: 26.04.2014
 <p>The project information board needs to be updated.</p>	 <p>Materials at the office room in un-organised & unsafe manner.</p>
Location: Office of AEE, KUIDFC, Koppal. Date: 26.04.2014	Location: STP construction site, Koppal. Date: 26.04.2014
 <p>Public grievance & accident register</p>	 <p>House keeping at the construction site</p>

Project Package: 02KPL02	
Location: UGD site at Ganesh Taggu, Koppal. Date: 26.04.2014	Location: Office of AEE, KUIDFC, Koppal. Date: 26.04.2014
	
Barricading around UGD site	No water spraying at the UGD at Ganesh Taggu.

Annexure: 3

List of participants attended the training on Compliance of EMP at KOPPAL CMC

Sl. No	Name	Designation	Contact no.
1	Mr. Dafedar	AEE - NKUSIP	9448644916
2	Mr. S. H. Hulamani	CSS – PC	9343221815
3	Mr. Doddamani	RE – PC	9164517862
4	Mr. Sunil pal	Site engineer- contract agency (GSJ-Arvind Ltd)	9035643045
5	Mr. Ravi	Contractor	9448235567
6	Md. Zakir Hussain	Contractor supervisor	9492673662
7	Mr. Nanda Kumar	Site in charge - Contract agency (UGD site)	
8	Mr. Aftab	Site engineer	
5	15 no. of workers at site		