



# Environmental Monitoring Report

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Project Number: 40648-023  
May 2019

Period: July 2018 – December 2018

## IND: Infrastructure Development Investment Program for Tourism - Tranche 1

Submitted by

Project Management Unit, Tourism Development Board, Shimla

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**Asian Development Bank**

## Tourism Development Board

**IDIPT-HP (ADB Loan No. 2676-IND & 3223-IND)**

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Unforgettable Himachal

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No. IDIPT-HP/2676-IND/EMR/2019- 67

Dated: 04.04.2019.

Project Director

To

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**Subject: Loan 2676- IND: Infrastructure Development Program for Tourism, Project 1- Submission of Semi- annual Environmental Monitoring Report (EMR) for the period July to December, 2018.**

Sir,

Please find enclosed the Semi-annual Environmental Monitoring Report (EMR) for the period July to December, 2018. This is for your information and approval please.

Yours Sincerely,

  
**Project Director,  
IDIPT-H.P.**

**Encl: As Above.**



Self copy recd 4.04.19

# ENVIRONMENTAL MONITORING REPORT (Semi- annual)

**Loan Number: 2676-IND**

**Reporting period: July-December 2018**



**Prepared by : Government of Himachal Pradesh**  
**Implementing Agency : Himachal Pradesh Tourism Development Board, Shimla (PMU)**  
**Executing Agency : Department of Tourism and Civil Aviation, Govt. of Himachal Pradesh**

This report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management or staff and may be preliminary in nature.

## ABBREVIATIONS

ADB–Asian Development Bank  
BOD–Biological Oxygen Demand  
CCMP–Comprehensive Conservation Master Plan  
DC–Deputy Commissioner  
DP –Development Plan  
DSC –Design & Supervision Consultants  
EA- Executing Agency  
EARF – Environmental Assessment Review Framework  
EIA –Environmental Impact Assessment  
EMP –Environmental Management Plan  
FCA–Forest Conservation Act  
GoI –Government of India  
GoHP – Government of Himachal Pradesh  
HPIPH–Himachal Pradesh Irrigation & Public Health  
HPPCB–Himachal Pradesh Pollution Control Board  
HPSEB –Himachal Pradesh State Electricity Board  
IDIPT–Infrastructure Development Investment Program for Tourism  
IEE–Initial environmental examination  
MLD–Million Liters per day  
MOEF–Ministry of Environment and Forests  
MSL–Mean Sea Level

NGO–Non-Governmental Organization  
NHAI–National Highways Authority of India  
NOC –No Objection Certificate  
O &M–Operations & Management  
PFR –Periodic Financing Request  
PIU –Project Implementation Unit  
PMC–Project Management Consultants  
PMU–Project Management Unit  
REA –Rapid Environmental Assessment  
RH –Rest House  
RPM–Respirable Particulate Matter  
SADA –Special Area Development Authority  
SEAC –State Expert Appraisal Committee  
SEIAA–State Environment Impact Assessment Authority  
SPM–Suspended Particulate Matter  
SPS –Safeguards Policy Statement  
TCP–Town & Country Planning  
TDS –Total Dissolved Solids  
TSS–Total Suspended Solids  
VFDS –Village Forest Development Society  
YSS–Youth Services & Sport

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## PART A

### 1. Introduction



- 1.1 The Infrastructure Development Investment Program for Tourism (IDIPT) envisages environmentally and culturally sustainable and socially inclusive tourism development in the project states of Himachal Pradesh, Punjab, Tamil Nadu and Uttarakhand. The expected impact of the project in the four states is sustainable and inclusive tourism development in priority State tourism sub-circuits divided into marketable cluster destinations that exhibit enhanced protection and management of key natural and cultural heritage tourism sites, improved market connectivity, enhanced destination and site environment and tourist support infrastructure and enhanced capacities for site improvement and sustainable development with extensive participation of the private sector and local communities.
- 1.2 Supporting programs will be established for developing the capacities to promote private sector participation and small businesses to increase the benefits they gain from tourism, and stimulating more active tourism-related economic and livelihood activities. Consultancy will support project implementation and programs for developing the capacities of sector agencies for sustainable management of tourism and related infrastructure and services. Two batches of subprojects are anticipated from each participating state, which the government will then consolidate, if applicable, and forward to ADB in the form of periodic financing requests (PFRs).
- 1.3 The investment program uses a sector approach which requires reparation of an Environmental Assessment Review Framework (EARF) that sets out specific procedures to be followed for subprojects, and for implementation of the project as a whole. The EARF is in accordance with Government of India (the Government) rules and Asian Development Bank ADB) safe guard policies. The EARF reviews the types of subprojects anticipated under the project and summarizes potential environmental impacts. The EARF provides an overview of the regulations of the Government, as well as the states and ADB (as per its Safe guards Policy Statement, 2009 [SPS, 2009]) related to environmental assessment, specifically concerning project environmental classification, review and clearance requirements. Organization for environmental management and responsibilities for project tasks are enumerated within the project team and the respective state Tourism Departments, along with guidance on capacity building needs.
- 1.4 This report is divided into three parts.
- Part A contains the status of compliance for subprojects in accordance with applicable national, state and local environmental legislation. It also contains the compliance status as per the ADB Loan Covenants and status of subproject documentation especially with respect to IEE and EMP and the proposed monitoring mechanism to be followed.
  - Part B contains the factual information on the basis of site visits by the Safeguards Specialist.
  - Part C contains Environmental Closure Report.

**2. Compliance status with National / State /Local statutory requirements is as follows:**

Sr. No.	Name of project	Stipulations	Compliance Status			Remark/ Remedial Actions	Status
			Complied	Partially complied	Not complied		
1	Naina Devi sub project proposal						
1.1	Circular Road – 1000 m x 3.75 m):	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
1.2	Car parking and other amenities	Work completed. The project handed over to Temple Trust, Naina Devi. Environmental Closure Report submitted with EMR (July to December, 2017)					
2	Chintpurni area sub project proposal						
2	Integrated parking, interpretation Centre, toilets & other visitor amenities and Rest sheds, toilet facilities and view points along road from TRC to temple at Chintpurni	Work completed and Environmental Closure Report submitted with EMR (Jan-June 2018)					
3	Pong dam area subproject proposal						
3.1	Information Centre at Pong Dam	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
3.2	Parking and toilet facilities at Pong Dam	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
3.3	Camping facilities, with provisions for 10 tents, including toilets etc at Pong Dam	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					

Sr. No.	Name of project	Stipulations	Compliance Status			Remark/ Remedial Actions	Status
			Complied	Partially complied	Not complied		
3.4	Jetty development at Pong Dam	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
3.5	Landscaping and signage and Allied Civil and Electrical Works near Pong Dam	Work completed and Environmental Closure Report submitted with EMR ( January to June, 2017)					
4	Ranser island and Karu island improvement subproject proposal						
4.1	Redevelopment of Forest rest house- Ranser Island	Work completed and Environmental Closure Report submitted with EMR ( January to June, 2017)					
4.2	Jetty development, Ranser and Karu Island	Work completed and Environmental Closure Report submitted with EMR ( January to June, 2017)					
4.3	Treks around the Ranser and Karu island - 4km	Work completed and Environmental Closure Report submitted with EMR ( January to June, 2017)					
4.4	Landscaping, planting along the peripheral trail and directional signage at Ranser and Karu Island.	Work completed and Environmental Closure Report submitted with EMR ( January to June, 2017)					
4.5	Watch towers for bird watching in Karu island	Work completed and Environmental Closure Report submitted with EMR ( January to June, 2017)					
5	Forest rest houses & camping sites of VFDS subproject proposal						
5.1 A	Camping sites development at Nagrota Suriyan	Work completed and Environmental Closure Report submitted with EMR ( January to June, 2017)					



Sr. No.	Name of project	Stipulations	Compliance Status			Remark/ Remedial Actions	Status
			Complied	Partially complied	Not complied		
5.1 B	Forest rest house - improvement and camping sites development at Dhameta	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015).					
6	Community based tourism activities subproject proposal						
6.1	Community based tourism activities in villages, including skill development, training, etc.	Statutory approval for coordinated planning & imparting skills training may be required from the Regional Water Sports Centre, GoHP at Pong Dam & Department of Forests & Wildlife, HP at later stages of the project development.				As & when required	a) CBT 2, 3, 4 & 5 completed. b) An awareness manual on Solid Waste Management has been in Hindi and English by CBT-06. c) Trainings organized by CBT 3 & CBT 4 clusters on Clean Street/ Clean Village Competition and Mass awareness campaign & Cleanliness through Schools & Colleges.  
8	Kangra Town subproject proposal						
8.1	Parking for 100 vehicles at Brajeshwari temple, Kangra	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
9	Shimla subproject proposal						
9.1 A	Shimla Mall Road restoration project + Lift	Work completed and Environmental Closure Report attached in part C of this EMR (July to December, 2018)					
9.1 B	Shimla Rehabilitation of town hall	Work completed and Environmental Closure Report attached in part C of this EMR (July to December, 2018)					
10	Tutikandi Multistorey Parking Facility	Work completed and Environmental Closure Report attached in part C of this EMR (July to December, 2018)					

**3. Compliance status with the environmental covenants as stipulated in the Loan Agreement****3.1 SCHEDULE 5, Loan Covenant 1**

3.1.1 The subprojects under taken as part of the project meet the selection criteria set out in Schedule 4 to the FFA.

**3.2 SCHEDULE 5, Loan Covenant 3 (ii)**

3.2.1 The subproject IEEs and EMPs have been implemented in nearly/fully in accordance with their terms.

3.2.2 The Contractors & the Field Staff of PIU/DSC is aware of their responsibilities during construction/implementation of subprojects towards the following: (a) environmental parameters to be monitored (b) occupational health & safety and (iii) material handling & storage. The task of environmental testing for various sites required co-ordination between many groups/units earlier, hence it has been delayed. However, the testing reports for all packages are in place. Capacity Building is one of the main tasks of the Consultants, Safeguard orientation workshops for PMU/PIU/DSC/PMC has been done to follow stipulated guidelines/EMPs and has made a positive impact. The site situation with respect to implementation of safeguards is nearly/fully complied with sustained efforts of the entire teams of PMU/PIC/DSC/PMC/Contractor it being maintained satisfactorily. Three workshops for IHM students have also been done for environmental conservation in hotel industry. Environmental trainings on organic farming, solid waste management & cleanliness have been done under CBT.

3.2.3 The reasons for better compliance now are: (a) the prepared (IEEs & EMPs) documents are being read and interpreted properly (b) field staff for day-to-day monitoring and supervision has been placed. (c) PMC and DSC Safeguards Specialist held onsite training/interaction with the Contractors and other field staff members available on site and have enthusiastically understood roles and responsibilities at all levels & mechanism safeguards to adhere at site. (d) Organized workshops on safeguards for PMU/PIU/contractors have given clarity in implementation. During workshops/orientation training at site done till date and the detailed discussions with the Contractors & their representatives to inform them of their Contractual obligations and take steps to remedy the shortcomings in project execution on top priority especially with respect to the Environmental aspects which resulted in positive action. Now implementation of EMP is being fully complied.

**3.3 SCHEDULE 5, Loan Covenant 3 (iv)**

3.3.1 A revised IEE/EMP for subproject 1.1/2.1 was done as required and submitted to ADB.

**3.4 SCHEDULE 5, Loan Covenant 3 (vii)**

3.4.1 Quarterly reporting to PMU by DSC on the implementation of the IEEs and EMPs was started from the second quarter of 2013. The first annual report was submitted by PMC/PMU to the ADB for the period January to December 2013 based on the quarterly field visits to the subprojects by

DSC & PMC Safeguards Specialists. The first Environmental Monitoring Report (EMR, Jan to Mar, 2014) was submitted to ADB and later it has been decided to submit the semiannual EMR.

**4. Compliance status with the environmental management and monitoring plans and environmental assessment and review framework/ procedures, as stipulated in the environmental documentation as agreed with ADB.**

4.1 A consolidated IEE and EMP were prepared for the project dated July, 2010 that outlined the identification of overall environmental impacts and corresponding mitigation measures for envisaged subprojects. Thereafter, individual IEEs and EMPs have been prepared for each of the packages and submitted to ADB for approval. Over the course of time, since PMC took over at Shimla (January 2012) all IEEs and EMPs have been prepared afresh/updated, There are 19 civil packages (package 2.2 have been merged with package 2.1) and one community based activity package under Tranche-1.

4.2 The sub-project list is as follows:

S.N.	Name of sub-project	Compliance Status for Environmental Documentation of ADB
<b>1</b>	<b>Naina Devi</b>	
1.1	Circular Road–1 Km long	Complied (Environmental Closure Report submitted)
1.2	Car parking and other amenities	Complied Environmental Closure Report submitted
<b>2</b>	<b>Chintpurni</b>	
2.1	Integrated parking, interpretation Centre, toilets & other visitor amenities	Complied. (Environmental Closure Report submitted)
2.2	Rest sheds, toilet facilities & view points along road from TRC to temple at Chintpurni	Complied. (Environmental Closure Report submitted)
<b>3</b>	<b>Pong Dam</b>	
3.1	Information Centre at Pong Dam	Complied (Environmental Closure Report submitted)
3.2	Parking and toilet facilities	Complied (Environmental Closure Report submitted)
3.3	Camping facilities, with provisionsfor10 tents, including toilets etc.	Complied (Environmental Closure Report submitted)
3.4	Jetty development	Complied (Environmental Closure Report submitted)
3.5	Landscaping & Signage	Complied (Environmental Closure Report submitted)
<b>4</b>	<b>Ranser &amp; Karu Island Improvements</b>	
4.1	Redevelopment of Forest rest house- Ranser island	Complied (Environmental Closure Report submitted)
4.2	Jetty development, Ranser and Karu Island	Complied (Environmental Closure Report submitted)
4.3	Treks around the island -4km	Complied (Environmental Closure Report submitted)
4.4	Landscaping, planting along the peripheral trail and directional signage	Complied (Environmental Closure Report submitted)
4.5	Watchtowers for bird watching in Karu Island	Complied (Environmental Closure Report submitted)
<b>5</b>	<b>Forest Rest Houses &amp; Camping Sites for VFDS</b>	
5.1 A	Forest rest house- improvement and camping sites development at Nagrota	Complied (Environmental Closure Report submitted)
5.1 B	Forest rest house- improvement and camping sites development at Dhameta	Complied (Environmental Closure Report submitted)

S.N.	Name of sub-project	Compliance Status for Environmental Documentation of ADB
<b>6</b>	<b>Community Based Tourism</b>	
6.1	Community based tourism activities in villages, including skill development, training, etc.	Project completed.
<b>8</b>	<b>Kangra</b>	
8.1	Parking for 100 vehicles at Bajreshwari temple, Kangra	Complied (Environmental Closure Report submitted)
<b>9</b>	<b>Shimla</b>	
9.1A	Rehabilitation of Shimla Town Hall	Complied (Environmental Closure Report attached in this EMR)
9.1B	Shimla Mall Road Restoration Project	Complied (Environmental Closure Report attached in this EMR)
10.	Tutikandi Multistorey Parking Facility	Complied (Environmental Closure Report attached in this EMR)

### Workshops/Trainings/ organized by PMU/PIU/DSC

#### Workers training for safeguards for on-going sub projects:

During the period of July to December 2018, on-site training on social and environment safeguards (health, sanitation and hygiene, legal awareness, PPEs and site safety etc.) for the staff/labourers of the contractor have been conducted at Tutikandi, Mall Road and Town Hall sites by DSC safeguard specialist. Summary of trainings and photographs are as below-

Sl.No	Date	Site	Awareness & Training Program Topics	Participants		Implementer
				Total	Women	
1	20 Sep 2018	Mall Road	<ul style="list-style-type: none"> <li>• Use of PPEs as per their nature of works. E.g. nose mask for high dust works, ear plug for nigh noise works and safety shoes and helmet.</li> <li>• Electrical Safety</li> <li>• General Health and Hygiene including HIV Aids awareness.</li> <li>• Public Safety</li> <li>• Applicable Govt Laws and beneficial scheme(Labor laws, BOCW benefits</li> <li>• Emergency Response and other issues covered in EMP</li> </ul>	8	2	Mr. Jyoti Dhari Singh, Social Safeguard Specialist, DSC
2	20 Sep 2018	Tutikandi	<ul style="list-style-type: none"> <li>• Use of PPEs as per their nature of works. e.g. nose mask for high dust works, ear plug for nigh noise works and safety shoes and helmet.</li> <li>• Electrical Safety</li> <li>• General Health and Hygiene including HIV Aids awareness.</li> <li>• Public Safety</li> <li>• Applicable Govt Laws and beneficial scheme(Labor laws, BOCW benefits</li> <li>• Emergency Response and other issues covered in EMP</li> </ul>	40	15	Mr. Jyoti Dhari Singh, Social Safeguard Specialist, DSC
<b>Total</b>				<b>48</b>	<b>17</b>	



### Photographs of Orientations



**Orientation of Labours at New Lift construction site at Mall Road, Shimla**

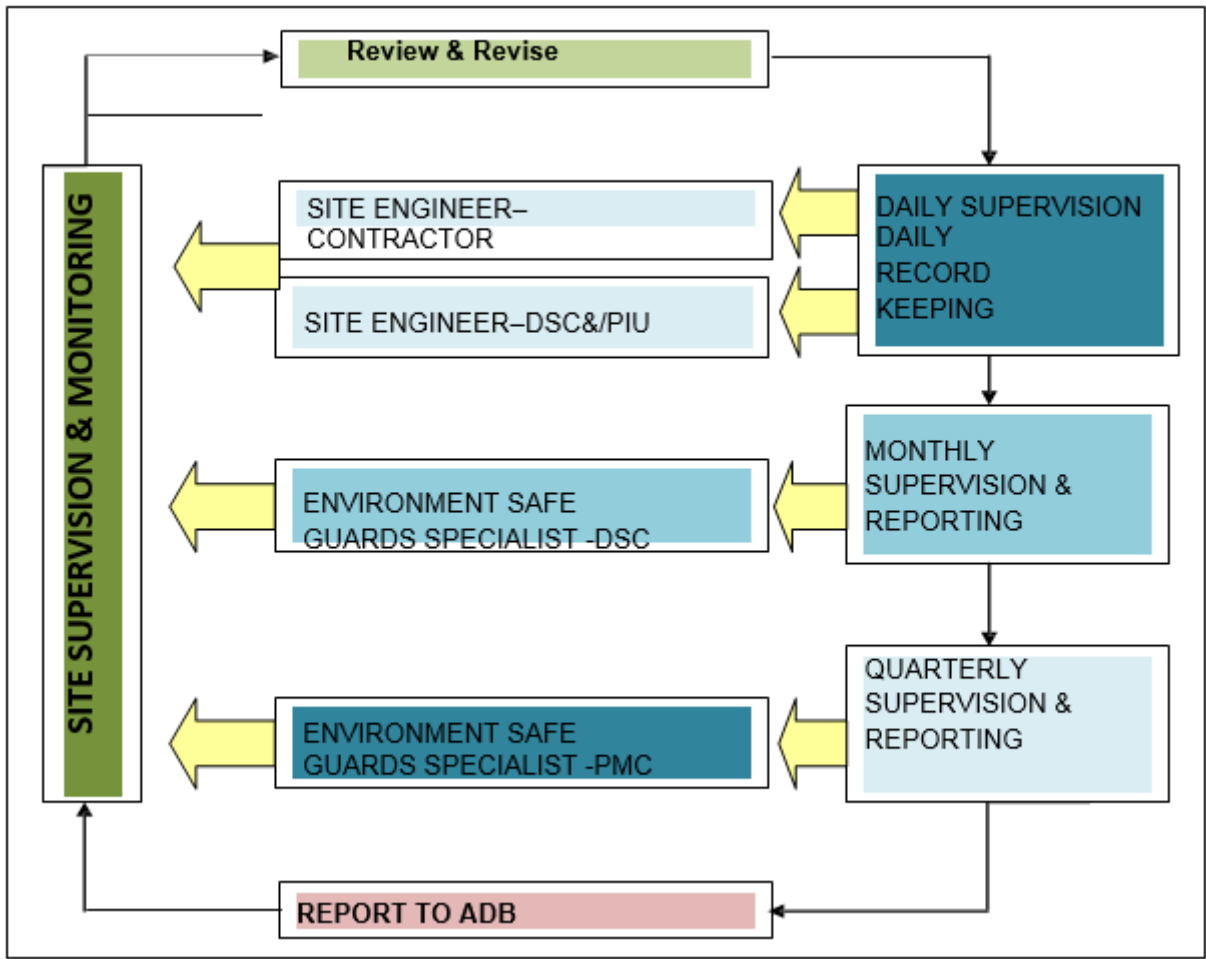


**Orientation of Labours at Tutukandi Site**



### 5. Approach and methodology for environmental monitoring of the project

Table 1: SCHEMATIC DIAGRAM OF THE MONITORING MECHANISM





## 6. Follow-up actions and conclusions

6.1 A regular and meaningful monitoring mechanism has been established as mentioned in Table 1 and Final Monitoring Mechanism decided for the project is attached as **Annexure 1**. The details and job responsibilities are clearly stipulated in the EARF and there is a strong need for transforming these stipulations into actions so that environmental monitoring can lead to preventive measures rather than curative and now actions are in place. The sites are being visited regularly by the Safeguards' Specialists since, July 2013.

6.2 The field staff such as the site engineers/support engineers and the respective Contractors on site have been advised and oriented time to time on maintaining a constant vigil in respect of all environmental parameters to be monitored and adherence to record keeping on site. The day to day site supervision is being strengthened regularly.

## Part B

### 7. Environmental Monitoring Status Chart (Ref. IEE/EARF July 2010)

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
<b>Package 1.1: Circular Road at Naina Devi</b>	O & M impacts	1.Environmental conditions	<b>Line agency (Temple Trust Naina Devi)</b>	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 15).
		2.Uncontrolled tourism		2. Yet not witnessed	
		3. Adequate drainage		3. Yes	
		4. Road safety		4. Proper provisions made	
<b>Package 1.2: Car parking and other amenities at Naina Devi</b>	O & M impacts	1.Environmental conditions	<b>PMU, Contractor, DSC &amp; Line Agency (Temple Trust Naina Devi)</b>	1. Environmental conditions restored at earlier stage.	<b>Work Completed.</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 17).
		2.Uncontrolled tourism		2. Yet not witnessed	
		3. Adequate drainage		3. Yes	
		4. Road safety		4. Proper provisions made	
<b>Package 2.1: Integrated parking, interpretation Centre, toilets &amp; other visitor amenities at Chintpurni</b>	O & M impacts	1. Environmental conditions 2..Uncontrolled tourism 3. Adequate drainage 4. Road safety	<b>PMU, Contractor, DSC &amp; Line Agency (Temple Trust Chintpurni)</b>	1. Environmental condition restored at earlier stage. 2. Yet not witnessed 3. Yes 4. Proper provisions made	<b>Work Completed.</b> Implementation status is satisfactory. Environment closure report submitted with EMR (January to June, 18).
<b>Package 2.2: Rest sheds, toilet facilities and view points along road from TRC to temple at Chintpurni</b>	O & M impacts	1.Environmental conditions	<b>Line Agency (Temple Trust Chintpurni)</b>	1. Environmental condition has been restored	<b>Work Completed</b> Project merged with package no. 2.1 and Environment closure report submitted
		2.Uncontrolled tourism		2. Asset owner will plan to manage it	
		3. Adequate drainage		-do-	
		4. Road safety		-do-	
<b>Package 3.1:</b>	O & M impacts	1. Environmental conditions	<b>Line Agency</b>	1. Environmental condition has been	<b>Work Completed</b>

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
Information Centre at Pong Dam			(HPTDC)	restored.	Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 15).
		2. Uncontrolled tourism development		2. Asset owner will plan to manage it	
		3. Mgt of toilet blocks		3. Handed over to asset owner (HPTDC).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 3.2: Parking and toilet facilities at Pong Dam	O & M impacts	1. Environmental conditions	Line Agency (HPTDC)	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 15).
		2. Uncontrolled tourism development		2. Asset owner will plan to manage it	
		3. Mgt of toilet blocks		3. Handed over to asset owner (HPTDC).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 3.3: Camping facilities, with provisions for 10 tents, including toilets at Pong Dam	O & M impacts	1. Environmental conditions	Line Agency (HPTDC)	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 15).
		2. Uncontrolled tourism development		2. Asset owner will plan to manage it	
		3. Mgt of toilet blocks		3. Handed over to asset owner (HPTDC).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 3.4: Jetty development at Pong Dam	O & M impacts	1. Environmental conditions	Line Agency (Regional Water Sports Centre, Pong Dam Department)	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure
		2. Uncontrolled tourism		2. Not yet	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
		development			report submitted with EMR (July to December, 15)
		3. Mgt of toilet blocks		3. Not Applicable	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner (Regional Water Sports Centre, Pong Dam Department) will plan to manage it.	
<b>Package 3.5: Landscaping and signage at Pong Dam</b>	O & M impacts	1. Environmental conditions	<b>Line Agency (HPTDC)</b>	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with last EMR (July to December, 15)
		2. Uncontrolled tourism development		2. Asset owner will plan to manage it	
		3. Mgt of toilet blocks		3. Handed over to asset owner (HPTDC).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
<b>Package 4.1: Redevelopment of Forest rest house-Ranser island</b>	O & M impacts	1. Environmental conditions	<b>Line Agency (Wildlife Department)</b>	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (January to June, 17).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Yet to be handed over to asset owner (Wildlife Department).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
<b>Package 4.2: Jetty development, Ranser and Karu Island</b>	O & M impacts	1. Environmental conditions	<b>Line Agency (Wildlife Department)</b>	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (January to June,
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Not Applicable	
		4. Adequate drainage on site		4. Yes	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
		5. Hygiene & sanitation		5. Good	17).
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
<b>Package 4.3: Treks around the island - 4km</b>	O & M impacts	1. Environmental conditions	<b>PMU &amp; Line Agency (Wildlife Department)</b>	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (January to June, 17).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Yet to be hand over to asset owner.	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility.		7. Asset owner will plan to manage it	
<b>Package 4.4: Landscaping, planting along the peripheral trails and signage</b>	O & M impacts	1. Environmental conditions	<b>Line Agency (Wildlife Department)</b>	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (January to June, 17).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Not Applicable	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
<b>Package 4.5: Watch towers for bird watching in Karu island</b>	O & M impacts	1. Environmental conditions	<b>Line Agency (Wildlife Department)</b>	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (January to June, 17).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Not Applicable	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
<b>Package 5.1 A: Forest rest house -</b>	O & M impacts	1.Environmental conditions	<b>Line Agency (H.P.T.D.C)</b>	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
improvement and camping sites at Nagrota Suriyan		2.Uncontrolled tourism Development	Department)	2. Not yet	implementation status is satisfactory.
		3. Adequate drainage on site		3. Yet to be handover to asset owner.	Environment closure report submitted with EMR (January to June, 17).
		4. Road safety		4. Yes	
		5. Hygiene & sanitation		5. Good	
Package 5.1 B: Forest Rest House-improvement and camping site at Dhameta	O & M impacts	1. Environmental conditions	Line Agency (H.P.T.D.C Department)	1. Environmental condition has been restored.	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 15).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Yet to be handover to asset owner.	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 6.1: Community based tourism activities in villages, including skill development, training, etc.	Five CBT projects named CBT-02 (Dhameta), CBT-03 (Pragpur), CBT-04 (Chintpurni), CBT-05 (Naina Devi) and CBT-06 (Shimla) have been completed in all respects. Trainings organized by CBT 3 & CBT 4 clusters on Clean Street/ Clean Village Competition and Mass awareness campaign & Cleanliness through Schools & Colleges. Environmental concerns are inbuilt part of these subprojects and one of the key expected outcome is “Improved basic urban infrastructure and incidental services (such as public toilets, street signage, and lighting) at existing and emerging tourist destinations and gateways” and “Enhanced quality of natural and cultural tourist attractions to ensure convenience and safety for visitors.				
Package 8.1: Parking for 100 vehicles at Bajreshwari temple, Kangra.	O & M impacts	1. Environmental conditions	Line agency (Temple Trust)	1. Environmental conditions restored and handed over to the asset owner (Temple Trust).	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 15).
		2. Uncontrolled tourism development		2. Asset owner will monitor it.	
		3. Mgt of toilet blocks		3. Asset owner will manage it.	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will manage it.	
Package 9.1A: Shimla Mall Road Restoration	O & M impacts	1. Environmental conditions	Line agency M.C., Shimla &	1. Environmental conditions restored and handed over to the asset	<b>Work Completed</b> Overall EMP

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
<b>Project</b>			<b>HPTDC</b>	owner	implementation status is satisfactory. Environment closure report submitted with this EMR in <b>Part C</b>
		2. Uncontrolled tourism development		2. 2. Asset owner will monitor it.	
		3. Mgt of toilet blocks		3. Asset owner will manage it	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility.		6. Asset owner will manage it.	
<b>Package 9.1B: Rehabilitation of Shimla Town Hall</b>	O & M impacts	1. Environmental conditions	<b>Line agency (M.C., Shimla)</b>	1. Environmental conditions restored and being handed over to the asset owner	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with this EMR in <b>Part C</b>
		2. Uncontrolled tourism development		2. 2. Asset owner will monitor it.	
		3. Mgt of toilet blocks		3. Asset owner will manage it	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will manage it.	
<b>Package HPTDB/10: Tutikandi Multi Storey Parking Facility</b>	O & M impacts	1. Environmental conditions	<b>Line agency (M.C., Shimla)</b>	1. Environmental conditions restored and handed over to the asset owner	<b>Work Completed</b> Overall EMP implementation status is satisfactory. Environment closure report submitted with this EMR in <b>Part C</b>
		2. Uncontrolled tourism development		2. 2. Asset owner will monitor it.	
		3. Mgt of toilet blocks		3. Asset owner will manage it	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will manage it.	

The Contractors are complying with the EMP for each contract which is attached as per **Annexure 2**

## Part C

### 8. Environmental Closure Report-1

<b>Sub-Project Name</b>	<b>: Tutikandi Multi Storey Parking Facility</b>
<b>Package Number</b>	<b>: IDIPT/HPTDB/10</b>
<b>Contractor</b>	<b>: M/s A.S Enterprises -Sam India Built Well Pvt. Ltd.(JV), SCO 319, 2<sup>nd</sup> Floor, Sector 40-D, Chandigarh. Pin: 160 040</b>
<b>Sub-Project Period</b>	<b>: The contract was awarded on 06.04.15 and the completion date was 25.09.17, which was extended up to 30.09.18</b>

**Background:** As part of the Investment Program, the project aims to complete subprojects under four or five different components of the Investment Program in the State of Himachal Pradesh (Part A).

- A. Component 1: Urban Infrastructure and Service Improvement
- B. Component 2: Connectivity Improvement
- C. Component 3: Quality Enhancement of Natural and Cultural Attractions
- D. Component 4: Community-based Activities
- E. Component 5: Capacity Development, Community Participation and Project Management

***This subproject pertains to Component 1***

**IEE disclosure:** As per Schedule 5 of FFA, Subproject Concept Report (SCR) and Subproject Appraisal Report (SAR) of subproject have been approved and it has been categorized as “B Category” subproject. Accordingly, Initial Environmental Examination (IEE) was prepared following project Environmental Assessment and Review Framework (EARF, July 2010) and disclosed on the ADB website and project website.

**Land Acquisition:** The proposed sub-project location is on the land made available by Municipal Corporation, Shimla at Tutikandi location, near Tourist Information Centre and NoC has been received from the Municipal Corporation, Shimla, Govt. of Himachal Pradesh. (Refer **Appendix 1**)

**Required NOCs and Consents:** In compliance of schedule 6 (viii) of FFA, all consent and approvals required for implementation of subproject under the Investment Program have been obtained in accordance with the applicable laws and regulations of the Government/state including other relevant agencies. NOCs were in place prior to the project implementation and were part of QPR & EMR regularly submitted to the ADB and had also been disclosed on its website. NOC from Ministry of Forest and Climate Change (MOEF &CC) and H.P. Pollution Control Board (HPPCB) is obtained. Copies of these NOCs are attached in **Appendix 2 & 3** herewith. As this project was categorized under Category A as per EIA Notification 2016, Environmental



Clearance (EC) was taken from Himachal Pradesh State Environmental Impact Assessment Authority (SEIAA) which is attached as **Appendix 4**.

**Implementation of Provisions of Environmental Management and Monitoring Plans:** Provisions of following key environmental management and monitoring plans have been addressed as per IEE and identified certain shortcomings in terms of implementation has been considered on top priority, and the corrective actions taken accordingly throughout the project period.

<b>Stages:</b> Pre-construction/Construction/Post construction phase	
<b>Activity</b>	<b>Parameter monitored</b>
Activity 1: Signage & Display	Complied
Activity 2: Ambient Air Quality	Complied (Ambient air, noise and Water quality)
Activity 3: Solid Waste Management & Debris Disposal	Complied (Through Municipal Corporation Shimla collection and disposal system)
Activity 4: Water & Drainage	Complied
Activity 5: Noise	Complied
Activity 6: Site Operations & Management	Complied
Activity 7: Occupational Health & Safety	Complied
As per Loan <u>Covenant 6</u> under <u>Schedule 5</u> for HPIDIPT: "The State shall ensure that civil works Contracts under the projects follow all applicable labour laws of the Borrower and the State and that these further include provisions to the effect that Contractors .....	
... (i) carry out HIV/AIDS awareness programs for labour and disseminate information at worksites on risks of sexually transmitted diseases and HIV/AIDS as part of health and safety measures	Complied
... (ii) follow and implement all statutory provisions on labour, health, safety, welfare, sanitation and working conditions.	Complied

Compliances of above conditions monitoring is regularly been submitted to ADB through quarterly and semi-annual monitoring reports to ADB.

**Local Grievance Redress Status:** No any grievance or any complaint was received by Grievance Redressal Committee and PIU, Shimla throughout the project period.

**Source of construction materials:** All the materials were sourced from local registered quarries / vendors. The contractor purchased construction materials from approved sources and were verified/approved by PIU Shimla.

**Requisite environmental impacts after sub-project completion:** The design, construction, operation, and implementation of subproject have been carried out in accordance with EARF and IEE/EMP agreed upon between the Government, the state and ADB and complied with environmental laws and regulations of the Government and the state and ADB Safeguard Policy Statement.

The objective and desired outcomes of the safeguard plans have been achieved, taking into account the baseline conditions and the results of monitoring. Environmental monitoring reports (**Appendix 5**) are within limit and no requisite impact has been identified after project completion at site.

**Loan Agreement Compliance:** Compliance of conditions of loan agreement is as below-

Loan Agreement Conditions	Compliance
1. The project is undertaken, and the project facilities are designed, constructed, implemented, operated, and maintained, in accordance with the Borrowers applicable laws and regulations; ADB's Safeguard Policy Statement (2009) as set forth in; and the EARF	<b>Complied</b> , IEE is part of contract agreement and is in accordance with the country/state applicable laws and regulations and ADB Safeguard Policy Statement (2009) as set forth in and the EARF. Consent to establish for project from HPPCB is already obtained and Consent to Operate will be applied soon (refer <b>Appendix 2-4</b> )
2. The IEE and EMP are implemented in accordance with their terms	<b>Complied</b>
3. In the event that any unanticipated adverse environmental impact occurs or a mitigation measures under an IEE or EMP does not have the desired effect, this is reported to ADB, and remedial actions are taken to mitigate the relevant impacts in consultation with the affected persons and ADB;	<b>Complied</b> , No unanticipated adverse environmental impact occurred.
4. Any change to the location, land alignment, or environmental impacts on account of detailed designs of the Project facilities are mutually agreed between the Borrower and ADB, and are consistent with the eligibility criteria set forth in schedule 4 to the FFA;	<b>Complied</b> , No change to the location or alignment and are consistent with the eligibility criteria set forth in shedule 4 of the FFA
5. The IEEs and EMPs are updated, as necessary, during the course of project implementation and submitted to ADB for clearance;	<b>Complied</b> , The IEE and EMP submitted to ADB for approval and has been disclosed on its website.
6. The Work Contractors are contractually obliged to implement the IEEs and EMPs and reprot on their implementation on regular basis, along with any deviation; and.	<b>Complied</b> , IEE and EMP was the part of contract agreement and contractor was contractually obliged to follow the provisions of IEE/EMP

Loan Agreement Conditions	Compliance
7. Reports on implementation of the IEEs and the EMPs are submitted to ADB on quarterly basis.	<b>Complied</b> , Reports on implementation of the IEE/EMP/project covenant are submitted to ADB on quarterly basis as whole and specific EMR initially of quarterly basis and since July, 2014 onwards semi-annually basis.
<b>Point 11 (Page 22) Specific Actions (Schedule 5)</b> Each State shall ensure following activities on a timely basis:	
(a) All consents and approvals required for implementation of subprojects under the Project shall be obtained in accordance with laws and regulations of the Borrower or the State, including, without limitation, any consent or approvals from the Archaeological Survey of India (ASI) or its branches within the state where applicable, for works on or around archaeological or heritage sites; and any consent or approvals from any other agencies or third parties that have any claim or authority over the site of a Subproject.	<b>Complied</b> , Investment Program has obtained all the consents and clearances in accordance with applicable laws and regulations of the Government/state including other relevant agencies.
(b) Subprojects and business opportunities associated with the Subprojects shall be announced on the websites of the relevant State agencies, together with pertinent information in relation to goods and services procured for subprojects.	Complied, Subprojects and business opportunities associated and tenders with the Subprojects were announced on the websites of the relevant State agencies i.e. IDIPT/HPTDB, together with pertinent information in relation to goods and services procured for subprojects.
(c) The states shall ensure that adequate basic infrastructure and services such as electricity, water supply, sewerage and solid waste management are provided and maintained by the relevant Urban Local Body ("ULB") or the agency concerned at each tourist destination for which investment will be financed under the Project	All the basic infrastructure and services are provided and maintained by concerned line agencies through Department of Tourism
(d) Admission and user fees to tourist facilities rehabilitated or created under the project shall be set at levels that are sufficient to make their operation financially sustainable. Where this is not feasible, the state shall ensure that adequate funds will be provided to meet any shortfall between the costs and revenues for the operation and maintenance of facilities rehabilitated or creates under the project.	Considerable entrance/user fees has been decided by Tourism Department in consultation with local body/temple trust
(e) The state shall take appropriate measures including levy of user charges/taxes related policies and outsourcing and contracting models	Complied for the Investment Program as a whole

Loan Agreement Conditions	Compliance
to ensure financial sustainability and accountability of the Facility and Investment Program as a whole.	
(f) Mobility Plans shall be prepared by the state for major tourist destinations as required.	Complied for the Investment Program as a whole
(g) No later than 31 March 2012, the state shall: <ul style="list-style-type: none"> <li>• have developed guidelines for effective and accruable data collection of tourism-related statics relevant to monitor the performance indicators developed for Investment Program;</li> <li>• have developed a set of benchmarks to be monitored by local communities, at a tourist destination or gateway for development of tourism; and</li> <li>• ensure that each ULB where investments will be financed under the Project shall have commenced the collection of relevant data.</li> </ul>	Complied for Investment program as a whole
(h) The state shall develop a tourism policy to mainstream: <ul style="list-style-type: none"> <li>• Balanced distribution of economic opportunities across the state through community-based and ecotourism development with an introduction of relevant monitoring indicators;</li> <li>• Financial sustainability of tourism destinations and their heritage assets, and connectivity infrastructure; and</li> <li>• Policy and regulatory reforms to provide for adaptive reuse of publicity-owned heritage buildings so that additional means of cost recovery is established.</li> </ul>	Complied for Investment Program as a whole

**Photographs of projects sites completed**



## Appendix 1: NoC from Municipal Corporation Shimla

54 61

NO:-MCS/XEN/3977/MU13- 2254  
From SHIMLA MUNICIPAL CORPORATION  
Dated: 8/10/13

To  
Commissioner,  
Shimla Municipal Corporation  
✓ The Director Tourism-cum-  
Mission Director, IDIPT-HP, Shimla


Subject:-  
Regarding issuance of NOC for construction of Multilevel  
Car Parking with civic amenities at Tutikandi by-pass  
opposite Tourist Information Centre, Shimla.

Reference:  
Your office letter No. IDIPT-HP/267-IND/Multi Car-  
Parking/2013/1610-12 dated 10.09.2013.

Sir,

f-27

With reference to your letter referred on the subject cited above,  
this office has no objection for construction of a Multilevel car parking with amenities at  
Tutikandi by-pass opposite Tourist Information Centre Shimla on 11210.94 sqm area  
in Kh. No. 823 mohal. Panjri by you, subject to condition of procurement of NOC from  
National Highway authority, diversion of land under FGA-1980 & approval of maps  
from the competent authority. The necessary photocopy of the case under the  
FGA,1980 prepared by this office & sketch drawings of this proposed parking is also  
enclosed herewith for ready reference. It is also requested that since MC Shimla is the  
proposed user agency, the NPV & CA etc. amount of Rs.53,50,229/- may kindly be  
deposited through this Corporation. In a meeting held on 07.10.2013, it has been  
desired by the Hon'ble Chief Minister, HP that adequate parking space for tourist  
buses may be developed at this site so that the space is utilized to the optimum.

Yours faithfully,  
  
(Amarjeet Singh)  
Commissioner,  
Shimla Municipal Corporation  
Tel. No. 2812899

Copy to:-  
1. The Private Secy.(UD) to the Govt. of HP Shimla-1 for information and  
necessary action.  
2. The Director (UD) H.P Shimla-1 for information and necessary action.  
3. The Executive Engineer (R&B), M.C. Shimla for information and necessary  
action.  
4. The Architect Planner, M.C. Shimla for information and necessary action.

(Amarjeet Singh)  
Commissioner,  
Shimla Municipal Corporation  
Tel. No. 2812899



## Appendix 2: NoC from H.P. Pollution Control Board dated 07-08-2014

**H.P. STATE POLLUTION CONTROL BOARD**  
**"HIM PARIVESH", PHASE III,**  
**NEW SHIMLA-171 009.**

No. HPSPCB /Misc. Consent, R. O. Shimla /14- 8971-73      Dated 7-8-2014

From: Member Secretary

To: ✓ The Commissioner  
Municipal Corporation Shimla

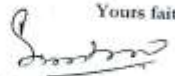
Sub: - Regarding issuance of No Objection certificate for diversion of forest land for establishing Multilevel Car Parking with Civic Amenities at Tutikandi, Shimla, H.P.

Sir,

This has reference to Letter No. IDIPT- HP / 2676-IND/10.2/2014-2132 dated 07-08-2014 of Director (Tourism)-cum- Mission Director IDIPT, H. P. and your Letter No. MCS /Comm./ Parking / 2014- 1734 dated 07-08-2014 vide which No Objection Certificate from the State Pollution Control Board has been requested for establishing Multilevel Car Parking with Civic Amenities at Tutikandi, Shimla, H.P.

In this context, I am directed to intimate that the State Board has No Objection for considering the application for diversion of forest land for establishing the Multilevel Car Parking with Civic Amenities at Tutikandi, Shimla, H.P. subject to the following conditions:-

- i) This NOC is only for the purpose of consideration of application for Forest Clearance for proposed Multilevel Car Parking with Civic Amenities at Tutikandi, Shimla, H. P.
- ii) This shall not be construed by any means, as all encompassing and any other NOC/ Clearance required for proposed institute shall have to be obtained.
- iii) The proponent shall make all the requisite arrangements for treatment & disposal of the sewage and solid waste arising from the institute.
- iv) The prior Environment Clearance shall also be obtained from Govt. of India under the provisions of EIA- 2006 for the proposed car parking in case the total built up area exceeds 20,000 m<sup>2</sup>.

Yours faithfully,  
  
 Senior Environmental Engineer (HQ)  
 Dated

Endst. No. HPSPCB /Misc. Consent, R. O. Shimla /14-

Copy forwarded to the following for information and necessary action:-

1. The Director (Tourism)-cum-Mission Director, Infrastructure Development Investment Program for Tourism H. P. Tourism Development Board Deptt. of Tourism and Civil Aviation, H. P. PMU Office U. S. Club Shimla- 1 w.r.t. Letter No. 2081 dated 05-08-2014 and No. 2132 dated 07-08-2014.
2. The Environmental Engineer, H. P. State Pollution Control Board, Regional Office, Shimla.

/   
 Senior Environmental Engineer (HQ)

## Appendix 3: NoC from Ministry of forest dated 01-10-2014 (Hindi)

  
**Government of India**  
**Ministry of Environment, Forests & Climate Change**  
**Regional Office**

FRI Campus, Pearson Road  
 P.O. New Forest  
 Dehradun – 248006  
 Phone: 0135-2750809

पत्र सं० 9-HPB 830/2011-CHA / 378

दिनांक: 01.10.2014

सेवा में,

प्रधान सचिव,  
हिमाचल प्रदेश सरकार, वन विभाग,  
सिविल सचिवालय, शिमला

**विषय: Diversion of 1.1210 ha of forest land in favour of commissioner Municipal Corporation Shimla for the construction of Car Parking near Tourism information centre at old barrier Shimla, within the jurisdiction of Shimla Forest Division & District Shimla, H.P.**

**सन्दर्भ:** अपर प्रधान मुख्य वन संरक्षक एवं नोडल अधिकारी, हिमाचल प्रदेश का पत्रांक-48-2101/2010 (एफओसीओ) दिनांक 22.09.2014 एवं वन संरक्षक (केन्द्रीय) उत्तरी क्षेत्रीय कार्यालय का पत्रांक -8 -एचओपीओ 830/2011 - सीओएचओ दिनांक-09.12.2011

महोदय,

कृपया उपर्युक्त विषय से सम्बन्धित नोडल अधिकारी एवं अपर प्रधान मुख्य वन संरक्षक, हिमाचल प्रदेश, शिमला का उपरोक्त संदर्भित पत्र का आशय ग्रहण करने का कष्ट करें। जिसमें वन संरक्षण अधिनियम 1980 की धारा-2 के अधीन केन्द्रीय सरकार की उपर्युक्त विषय के लिए अनुमति मांगी गयी थी। राज्य सरकार के प्रस्ताव का ध्यानपूर्वक अध्ययन करने के पश्चात् उपर्युक्त उद्देश्य हेतु 1.1210 हे० वन भूमि के उपयोग के लिए सक्षम प्राधिकारी की विधिपूर्व स्वीकृति निम्नलिखित शर्तों पर प्रदान की जाती है:

1. वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
2. कन से कम वृक्ष कटवाए जायेंगे जिनकी संख्या प्रस्ताव के अनुसार 218 वृक्ष से अधिक नहीं होगी।
3. प्रतिवृत्ति पौधाउपरोपण प्रस्ताव के अनुसार PF/10 Malgi ने प्रयोक्ता एजेंसी से प्राप्त कार्य 2,17,250/- की राशि से कुल 2,242 हे० निम्नकृत वन भूमि में पौधे लगाकर किया जाएगा। प्रतिवृत्ति पौधाउपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
4. एन.पी.डी. की दरो में अगर बढ़ोतरी होती है तो प्रयोक्ता अभिकरण बड़ी दर पर एन.पी.डी. देने के लिए बाध्य होगा।
5. प्रयोक्ता-अभिकरण द्वारा प्रस्तावित वन क्षेत्र के आस-पास मजदूरों/स्टीफ के डिमें किसी भी प्रकार का काम नहीं लगाया जायेगा।
6. प्रयोक्ता अभिकरण के द्वारा निर्माण कार्य के दौरान स्थल पर कार्यरत मजदूरों एवं स्टीफ के डिमें वसोई पैस/कैरेंसिन रोल की आपूर्ति की जायेगी, जिससे निकटवर्ती वनी की क्षति न पहुँचे।
7. परियोजना के निर्माण व रख-रखाव के दौरान आस-पास के क्षेत्र की समस्याएँ एवं जीव-जन्तुओं की किसी प्रकार की क्षति नहीं पहुँचायी जायेगी।
8. वन भूमि का प्रयोग प्रस्ताव में दर्शाये उद्देश्य के अलावा अन्य किसी उद्देश्य के लिए नहीं किया जायेगा।

9. प्रस्तावित भूमि का सीमांकन प्रयोक्ता अभिकरण को बरतें पर Rec pillar द्वारा किया जाएगा, जिसका forward तथा Backward इन्तपदह अंकित होगा।
10. पर्यावरण एवं वन मंत्रालय, नई दिल्ली द्वारा जारी दिश-निर्देश संख्या 11-48/2002-एफ.सी दिनांक 29/30 अप्रैल 2006, 5-3/2007-एफ.सी. दिनांक 17 जनवरी 2011 तथा अन्य जारी दिश-निर्देशों की पालना सुनिश्चित की जायेगी।
11. यदि कोई अन्य सम्बन्धित अधिनियम/अनुच्छेद/विधम/न्यायलय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जल्दी अनुमति लेना राज्य सरकार/प्रयोक्ता एजेंसी की जिम्मेवारी होगी।

उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं जाए जाने पर मंत्रालय इस स्वीकृति को स्वयं/रद्द कर सकता है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों की अनुपालना सुनिश्चित करेगी।

भवदीय,

(डी०पी० सिन्हा)  
अपर प्रमुख, मुख्य वन संरक्षक  
क्षेत्रीय कार्यालय देहरादून

प्रतिलिपि सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित

1. अपर वन महानिदेशक (एफओसीओ), पर्यावरण एवं वन मंत्रालय, पर्यावरण भवन, को.जी.ओ. कॉम्प्लेक्स, लोदी रोड, नई दिल्ली।
2. प्रधान मुख्य वन संरक्षक एवं नोडल अधिकारी, हिमाचल प्रदेश सरकार, वन विभाग, दाली, शिमला।
3. Divisional Forest Officer, Shimla Forest Division, Distt. Shimla, H.P.
4. Commissioner, Municipal Corporation, Shimla, H.P.
5. अतिरिक्त पत्रावली।

(डी०पी० सिन्हा)  
अपर प्रमुख, मुख्य वन संरक्षक  
क्षेत्रीय कार्यालय देहरादून



**Transcript**  
**NoC from Ministry of forest dated 01-10-2014 (English)**

**Government of India**  
**Ministry of Environment, Forests & Climate Change**  
**Regional office**

**FRI Campus, Pearson Road,**  
**P.O. New Forest,**  
**Dehradun- 248006,**  
**Phone: 0135-275080**

Letter No. 9-HPB 830/2011-CHA/378

Dated: 01.10.2014

To,

Principal Secretary,  
 Forest Department, Govt. of Himachal Pradesh  
 Civil Secretariat Shimla.

**Subject: Diversion of 1.1210 Ha of Forest land in favor of Commissioner, Municipal Corporation Shimla for the construction of Car parking near Tourism information Centre at Old barrier Shimla, within the jurisdiction of Shimla Forest Division & District Shimla, H.P.**

**Reference:** Addl. Principal Chief Conservator of Forest cum-Nodal Officer, Himachal Pradesh letter No. 48-2101/2010 (FCA) dated 22.09.2014 and Forest Conservator (Central) North Regional office letter no. 9-HPB 830/2011- CHA dated 09.12.2011.

Sir,

This is with reference to above referred letters vide which permission was requested for the above mentioned subject under clause 2 of Forest Conservation Act, 1980 from Govt of India.

The proposal received from the State Government was thoroughly studied and NoC is granted for construction of parking complex on 1.1210 Ha forest land on the following terms and conditions:

1. The existing legal status of forest land shall not be changed.
2. The number of trees cut should be minimal and it shall not exceed to 215.
3. As per plan PF/10 Malgi for compensatory afforestation of Rs.2,17,250/- has been received from Implementing agency. The planting of trees on 2.242 HA forest land shall be done within one year from date of issue of this letter.

4. N.P.V rates are increased then the implementing agency has to bear the increased amount
5. No camps shall be made by the Implementing Agency for residing the labour/ staff on the proposed site.
6. The implementing agency shall provide LPG/ Kerosene oil to its labour/ staff so that the trees are not damaged.
7. During construction of the project, due care to be taken for plants and animals in the vicinity.
8. The forest land shall be utilized for the said objectives and not for any other purposes.
9. The demarcation of the project land should be done on the expenses of the procurer, RCC pillar method shall be used.
10. The instructions of Ministry of Environment & Forest, New Delhi vide letter no. 11-48/2002-FC dated 29/30<sup>th</sup> April, 2005, 5-3/2007- FC dated 17.January, 2011 and other instructions received should be adhered to.
11. If any clause/ rule/ Court order etc. is applicable on the project, the State Government/ User Agency shall be responsible for taking the permission themselves.

If the above conditions are not fulfilled then the Ministry will cancel the NoC. The State Government, through Forest Department is responsible for fulfilling all the conditions.

Yours Faithfully,  
 -----Sd-----

(D.P. Singh)  
 Principal Chief Conservator of Forest,  
 Dehradun.

-----Sd-----

(D.P. Singh)  
 Principal Chief Conservator of Forest,  
 Dehradun.

## Appendix 4: HPSEIAA EC dated 25 June, 2016

  
**State Level Environment Impact Assessment Authority**  
**Himachal Pradesh**  
 Ministry of Environment, Forest & Climate Change, Government of India,  
 at Department of Environment Science & Technology,  
 Paryavaran Bhawan, Near US Club, Shimla-1  
 Ph: 0177-2656599, 2656608 Fax: 2656609

F. No. HPSEIAA/2016/IDIPT-HP-1731

Dated: 25/6/2016

To

Sh. Manoj Sharma,  
 Project Director,  
 IDIPT-HP, US Club, Shimla 171001,  
 Phone No. 0177-2812899.

Subject: Project proposal for Multi-Story Parking at Tutikandi, Shimla by Sh. Manoj Sharma,  
 Project Director, IDIPT-HP – Environmental Clearance-reg.

Sir,

This has a reference to your application dated 25/5/2016 seeking prior environmental clearance for the above project under Environment Impact Assessment Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the Environment Impact Assessment Notification, dated 14<sup>th</sup> September 2006 on the basis of documents viz: Form-I, Pre-feasibility Report, EIA/EMP etc. by the State Expert Appraisal Committee constituted by the competent authority in its 45<sup>th</sup> Meeting held on May 23-25, 2016. The said project involves following salient features:

a. Project type	Building-Construction Project (Category 8-a) (Multi-Story Parking at Tutikandi, Shimla)
b. Project Location	Khasra number 821 at Mohal Tuni Kandi, Shimla, opposite Tourist Information Centre, Shimla, Himachal Pradesh
c. Project Capacity	700 car spaces + other circulation spaces
d. Cost of Project	Rs. 66.65 Crores
e. Built up Area	33,906.69 m <sup>2</sup>
f. Plot Area	11210.94 m <sup>2</sup>
g. EMP costs	Rs. 1.85 Crores (Including CSR costs)
h. Institutional Mechanisms for Env. Protection	The following will be responsible for maintenance of APCDs and Solid Waste Management sites: i) Construction phase: Developer/ Project Proponent. ii) Operational Phase: Developer/ Project Proponent.

The SEIAA examined the proposal in its 27<sup>th</sup> Meeting held on 10<sup>th</sup> June, 2016 and considered the recommendations made by SEAC in its 45<sup>th</sup> Meeting held on May 23-25, 2016. After considering the recommendations of the State Level Expert Appraisal Committee, the State level Environmental Impact Assessment Authority accords Environmental Clearance to the project as per provisions of the EIA Notification No. S.O. 1533 dated 14<sup>th</sup> September, 2006 of Ministry of Environment & Forests, Govt subject to strict compliance of terms and conditions as mentioned below. The Authority reserves the right to revise, revoke or impose additional condition at any stage.

**Part-A- Specific Conditions:****I- Construction Phase:**

- "Consent to Establish" shall be obtained from H.P. State Pollution Control Board under Water (Prevention and Control of Pollution) Act 1974 and Air (Prevention and Control of Pollution) Act 1981 a copy of same shall be submitted to State Environment Impact Assessment Authority (SEIAA) before start of any construction work at the site.
- Provisions shall be made for the housing of labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, canteen etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

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- All required sanitary and hygienic measures should be taken before, during and after the completion of project.
- A First Aid Room will be provided in the project both during construction and operation phase of the project.
- Adequate drinking water, fuel and sanitary facilities should be provided for construction workers at the site. Provisions should be made for mobile toilets.
- The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
- All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- Disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring communities and disposed-off taking the necessary precautions for general safety and health aspects of public, only in approved sites with the approval of competent authority.
- Soil and ground water samples shall be got tested from authorized agency to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- No hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the competent authority. Diesel generator sets during construction phase should have acoustic enclosures and should conform to Environment (Protection) Act, 1986 and Rules framed there under for air and noise emission standards. Low sulphur diesel type should be used.
- The diesel required for operating DG sets shall be stored in under tanks and if required, clearance from Chief Controller of Explosives shall be taken.
- Vehicles/ equipment deployed during construction phase should be in good condition and should conform to applicable air and noise emission standards, should have vehicle pollution check certificate and should be operated only during non-peak hours.
- Ambient noise levels should conform to residential standards both during day and night. Only limited necessary construction should be done during night time. Fortnightly monitoring of ambient air quality (SPM, SO<sub>2</sub> and NO<sub>x</sub>) and equivalent noise levels should be ensured during construction phase should be closely monitored during construction phase so as to conform to the stipulated standards fixed by the competent authority. Storm water control and its re-use for various applications as per guidelines.
- Boundary wall shall be constructed in such a manner as not to be obstructing the flow of storm water. Necessary arrangement shall be made for the drainage of surrounding area.
- Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and technologies available.
- Permission to draw ground water shall be obtained from the competent Authority prior to construction/ operation of the project. Opaque wall should meet perspective requirement as per Energy.
- Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is operational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
- The proponent shall be liable for action under the Environment (Protection) Act, 1986 for the violation of any provision of the said Act.

**II- Operational Phase:**

- The installation of the Effluent Treatment Plant/Sewage Treatment Plant (STP) shall be certified by an independent expert or NABL approved, authorized dealer/expert and a report in this regard should be submitted to the Member Secretary, HPSEIAA at Director, Department of Environment, Science & Technology before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards prescribed. Necessary measures should be made to mitigate the odour problem from STP.
- The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable materials.

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3. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. The proponent shall be required to use low sulphur diesel. The location of the DG sets may be decided in consultation with the competent authority.
4. Noise pollution should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
5. The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.
6. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon periods.
7. Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and grease.
8. The bore well for rainwater recharging should be kept at least 5 mtrs. above the highest ground water table.
9. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
10. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized as per norms prescribed by the Competent Authority and no public space should be used for this purpose.
11. Energy conservation measures like installation of CFLs for the lighting the surrounding areas/outside areas the building should be integral part of the project design and should be in place before project commissioning. Used CFLs/ TFLs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the possible extent.
12. Adequate steps should be taken to prevent odour problem from solid waste processing site and STP.
13. Sprinkling of water etc. be used for air pollution control during construction phase so as to avoid disturbance to the surroundings.

#### Part-B- General Conditions:

1. The environmental safe guards contained/given in the proposal for management of environmental pollution should be implemented in letter and spirit.
2. Six monthly environment monitoring reports shall be submitted to the State Environment Impact Assessment Authority and Ministry of Environment & Forests Regional Office at Dehradun.
3. Officials from the State Environment Impact Assessment Authority, Regional Office of MoEF, Dehradun and Department of Environment, Science & Technology GoHP who would be monitoring the implementation of environmental safeguards shall be given full cooperation, facilities and documents/ data by the project proponents during their inspection.
4. In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this Authority.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safe guards and measures in a time bound and satisfactory manner.
6. All other statutory clearances shall be obtained, as applicable by the project proponents.
7. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and Environment Impact Assessment Notification, 2006.
8. Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.

9. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

#### Part-C- Special Conditions:

The Project proponent shall submit compliance of following additional conditions prior to start of operations:

1. The Project proponents shall prepare the DMP as per Risk & Hazard Assessment Study and shall submit the copy of approved DMP to SEIAA.
2. The Project proponents may tie up with the Sulabh International or any other agency for management of Toilets.
3. The space for dormitory drivers to be increased in correlation with the number of vehicles to be accommodated in parking as per undertaking given.
4. The Project proponents shall submit detailed floor size MSW collection and disposal plan and its method for disposal.
5. The Project proponents shall also provide a first aid center in the parking.
6. The Project proponents shall provide STP with tertiary treatment technology and connect waste water with MC line.

Yours sincerely,

*[Signature]*  
Member Secretary

State Level Environment Impact Assessment Authority  
Himachal Pradesh

Endst. No. As Above.

Dated: 8/2016.

Copy to following for further necessary action:

1. The Secretary (Environment), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003
2. The Chairman, Central Pollution Control Board, Him Parivesh Bhawan, CBD-cum-office Complex, East Arjun Nagar, New Delhi-110032.
3. The Chairman, Himachal Pradesh State Pollution Control Board, Shimla-171009.
4. The Director (Environment, Science & Technology) to the GoHP, Shimla-171001.
5. Adviser (IA), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003.
6. Additional Pr. Chief Conservator of Forests, Ministry of Environment, Forest & Climate Change, Regional Office, C/o Forest Research Institute, P.O. New Forest, Dehradun, Uttarakhand 248006.
7. Monitoring Cell, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003
8. Record File.

*[Signature]*  
Member Secretary

State Level Environment Impact Assessment Authority  
Himachal Pradesh



### Appendix 5: Environmental Monitoring Test Results

#### ANALYSIS OF TEST RESULTS-TUTIKANDI Jan to March, 18

Environmental Monitoring	Results (Average)						Analysis
	Jan, 2018		Feb, 2018		March, 2018		
	1 <sup>st</sup> Fortnight (10.01.18)	2 <sup>nd</sup> Fortnight (22.01.18)	1 <sup>st</sup> Fortnight (13.02.18)	2 <sup>nd</sup> Fortnight (25.02.18)	1 <sup>st</sup> Fortnight (11.03.18)	2 <sup>nd</sup> Fortnight (28.03.18)	
Ambient Air Quality							
PM10 µg/m3	90.05	94.20	89.10	91.45	87.54	90.40	Results within limit
PM2.5 µg/m3	50.20	51.38	51.18	52.55	51.52	50.30	Results within limit
SO <sub>x</sub> µg/m3	6.50	6.10	7.10	7.50	7.63	7.65	Results within limit
NO <sub>x</sub> µg/m3	23.04	25.20	22.45	21.10	21.60	20.45	Results within limit
CO µg/m3	0.78	0.75	0.89	0.82	0.80	0.91	Results within limit
Ambient Noise Level							
Construction site							
Day time dB(A)	75.00	75.00	75.00	75.00	75.00	75.00	Results within limit
Night time dB(A)	70.00	70.00	70.00	70.00	70.00	70.00	Results within limit
Near Batching Plant							
Day time dB(A)	75.00	75.00	75.00	75.00	75.00	75.00	Results within limit
Night time dB(A)	70.00	70.00	70.00	70.00	70.00	70.00	Results within limit

#### ANALYSIS OF TEST RESULTS-TUTIKANDI April to June, 18

Environmental Monitoring	Results (Average)						Analysis
	April, 2018		May, 2018		June, 2018		
	1 <sup>st</sup> Fortnight (11.04.18)	2 <sup>nd</sup> Fortnight (25.04.18)	1 <sup>st</sup> Fortnight (11.05.18)	2 <sup>nd</sup> Fortnight (27.05.18)	1 <sup>st</sup> Fortnight (11.06.18)	2 <sup>nd</sup> Fortnight (	
Ambient Air Quality							
PM2.5 µg/m3	50.12	52.15	49.30	52.15	55.47	49.58	Results within limit
PM10 µg/m3	84.50	91.30	82.45	91.30	86.23	84.10	Results within limit
NO <sub>x</sub> µg/m3	20.15	20.25	22.45	20.25	26.56	24.32	Results within limit

Environmental Monitoring	Results (Average)						Analysis
	April, 2018		May, 2018		June, 2018		
	1 <sup>st</sup> Fortnight (11.04.18)	2 <sup>nd</sup> Fortnight (25.04.18)	1 <sup>st</sup> Fortnight (11.05.18)	2 <sup>nd</sup> Fortnight (27.05.18)	1 <sup>st</sup> Fortnight (11.06.18)	2 <sup>nd</sup> Fortnight (	
SO <sub>x</sub> µg/m3	7.71	7.12	7.82	7.12	10.32	9.26	Results within limit
CO µg/m3	0.82	0.90	0.90	0.90	1.26	0.90	Results within limit
Ambient Noise Level							
Construction site							
Day time dB(A)	62.50	62.80	63.50	62.80	61.20	63.40	Results within limit
Night time dB(A)	50.52	49.15	52.60	49.15	50.40	53.10	Results within limit
Near Batching Plant							
Day time dB(A)	64.45	62.95	65.60	62.95	66.50	63.40	Results within limit
Night time dB(A)	51.20	46.3	52.40	46.3	47.0	43.60	Results within limit

### ANALYSIS OF TEST RESULTS-TUTIKANDI July to August, 2018

Environmental Monitoring	Results (Average)						Analysis
	July, 2018		August, 2018		September, 2018		
	1 <sup>st</sup> Fortnight (09.07.18)	2 <sup>nd</sup> Fortnight (23.07.18)	1 <sup>st</sup> Fortnight (10.08.18)	2 <sup>nd</sup> Fortnight (22. Aug 2018)	1 <sup>st</sup> Fortnight (08 Sep 2018)	2 <sup>nd</sup> Fortnight (24 Sep 2018)	
Ambient Air Quality							
PM2.5 µg/m3	43.20	35.8	31.40	37.85	36.48	4.21	Results within limit
PM10 µg/m3	89.36	63.18	67.61	68.40	69.80	71.80	Results within limit
NO <sub>x</sub> µg/m3	25.48	27.61	21.40	23.10	19.30	22.40	Results within limit
SO <sub>x</sub> µg/m3	6.20	7.10	7.35	6.98	6.10	7.10	Results within limit
CO µg/m3	0.76	0.68	0.69	0.75	0.75	0.80	Results within limit
Ambient Noise Level							
Construction site							
Day time dB(A)	67.20	56.3	65.40	58.60	67.10	55.30	Results within limit
Night time dB(A)	50.20	49.83	49.50	45.40	43.60	41.60	Results within limit
Near Batching Plant							
Day time dB(A)	54.6	61.85	56.60	63.20	54.60	62.48	Results within limit
Night time dB(A)	42.30	44.95	44.70	46.30	44.30	43.21	Results within limit

**ANALYSIS OF TEST RESULTS-TUTIKANDI October to December, 2018**

Environmental Monitoring	Results (Average)						Analysis
	July, 2018		August, 2018		September, 2018		
	1 <sup>st</sup> Fortnight (12.10.2018)	2 <sup>nd</sup> Fortnight (29.10.18)	1 <sup>st</sup> Fortnight (09.11.18)	2 <sup>nd</sup> Fortnight (24.11.18)	1 <sup>st</sup> Fortnight (12.12.18)	2 <sup>nd</sup> Fortnight (26.12.18)	
Ambient Air Quality							
PM2.5 µg/m3	39.20	45.16	33.41	38.60	48.10	41.63	Results within limit
PM10 µg/m3	73.15	77.40	66.81	70.36	86.73	74.96	Results within limit
NO <sub>x</sub> µg/m3	23.64	27.63	22.40	25.02	28.60	29.02	Results within limit
SO <sub>x</sub> µg/m3	6.83	7.46	7.30	6.91	7.10	7.22	Results within limit
CO µg/m3	0.83	0.87	0.70	0.80	0.86	0.91	Results within limit
Ambient Noise Level							
Construction site							
Day time dB(A)	64.20	52.10	65.10	57.50	68.20	65.30	Results within limit
Night time dB(A)	41.50	38.20	49.22	46.40	49.86	52.10	Results within limit
Near Batching Plant							
Day time dB(A)	51.50	59.40	57.40	64.20	58.73	61.70	Results within limit
Night time dB(A)	40.30	40.12	46.62	48.30	48.16	49.80	Results within limit

**ANALYSIS OF TEST RESULTS-TUTIKANDI March to June, 2017**

Environmental Monitoring	Results (Average)						Analysis
	March (17 Mar 2017)	April (29 Apr 2017)	May (11 May 2017)	May (21 May 2017)	June (11 Jun 2017)	June (29 Jun 2017)	
Ambient Air Quality							
PM10 µg/m3	86.4	93.50	81.50	92.24	90.56	88.31	Results within limit
PM2.5 µg/m3	35.6	56.98	41.20	52.34	50.33	51.74	Results within limit
SO <sub>x</sub> µg/m3		8.10	7.54	8.14	7.62	8.16	Results within limit
NO <sub>x</sub> µg/m3		23.65	20.19	22.46	21.82	20.15	Results within limit
CO µg/m3	0.60	0.73	0.68	0.70	0.60	0.68	Results within limit
Ambient Noise Level							
Construction site							

Environmental Monitoring	Results (Average)						Analysis
	March (17 Mar 2017)	April (29 Apr 2017)	May (11 May 2017)	May (21 May 2017)	June (11 Jun 2017)	June (29 Jun 2017)	
Day time dB(A)	60.70	68.19	65.10	75	75	75	Results within limit
Night time dB(A)	55.40	55.45	58.50	70	70	70	Results within limit
<b>Near Batching Plant</b>							
Day time dB(A)	-	64.23	70.10	75	75	75	Results within limit
Night time dB(A)	-	53.97	53.10	70	70	70	Results within limit
<b>Water Quality</b>							
pH	7.40	-	-	-	-	-	Results within limit
TDS, mg/l	174.6	-	-	-	-	-	Results within limit
Chloride mg/l	10.0	-	-	-	-	-	Results within limit
Fluoride mg/l	1.6	-	-	-	-	-	Results higher than limit
Total hardness (as CaCO <sub>3</sub> ), mg/l	148.0	-	-	-	-	-	Results within limit
Phosphate mg/l	0.02	-	-	-	-	-	Results within limit
Iron mg/l	0.05	-	-	-	-	-	Results within limit
Sulphate mg/l	23.0	-	-	-	-	-	Results within limit
Nitrate Nitrogen mg/l	4.3	-	-	-	-	-	Results within limit
Hexavalent Chromium mg/l	<0.05	-	-	-	-	-	Results within limit
Alkalinity (as CaCO <sub>3</sub> ), mg/l	128.0	-	-	-	-	-	Results within limit
Manganese mg/l	0.037	-	-	-	-	-	Results within limit
Copper mg/l	0.023	-	-	-	-	-	Results within limit
Cadmium mg/l	<0.003	-	-	-	-	-	Results within limit
Lead mg/l	0.019	-	-	-	-	-	Results within limit
Zinc mg/l	0.091	-	-	-	-	-	Results within limit
Dissolved Oxygen mg/l	4.5	-	-	-	-	-	Results within limit
Phenols mg/l	<0.001	-	-	-	-	-	Results within limit
Mercury µg/l	<1	-	-	-	-	-	Results within limit
<b>Soil Quality</b>							

Environmental Monitoring	Results (Average)						Analysis
	March (17 Mar 2017)	April (29 Apr 2017)	May (11 May 2017)	May (21 May 2017)	June (11 Jun 2017)	June (29 Jun 2017)	
pH	7.2	-	-	-	-	-	Results within range
Moisture Content %	1.4	-	-	-	-	-	Results within range
Organic Matter %	0.93	-	-	-	-	-	Results within range
Electrical Conductivity $\mu\text{S}/\text{cm}$	402.3	-	-	-	-	-	Results within range
Available Nitrogen mg/kg	112.0	-	-	-	-	-	Results within range
Calcium (as Ca) mg/kg	96.0	-	-	-	-	-	Results within range
Magnesium (as Mg) mg/kg	52.0	-	-	-	-	-	Results within range
Available Potassium (as K) mg/kg	28.5	-	-	-	-	-	Results within range
Available Phosphorus (as P) mg/kg	37.6	-	-	-	-	-	Results within range
Exchangeable sodium mg/kg	86.9	-	-	-	-	-	Results within range
Texture	Clay Loam	-	-	-	-	-	Results within range
Sand %	23.5	-	-	-	-	-	Results within range
Silt %	38.8	-	-	-	-	-	Results within range
Clay %	36.8	-	-	-	-	-	Results within range
Permeability cm/hr	0.69	-	-	-	-	-	Results within range



## ANALYSIS OF TEST RESULTS-TUTIKANDI July to September, 2017

Environmental Monitoring	Results (Average)						Analysis
	July, 2017		August, 2017		September, 2017		
	1 <sup>st</sup> Fortnight (15.7.17)	2 <sup>nd</sup> Fortnight (26.3.17)	1 <sup>st</sup> Fortnight (17.8.17)	2 <sup>nd</sup> Fortnight (29.8.17)	1 <sup>st</sup> Fortnight (11.5.17)	2 <sup>nd</sup> Fortnight (11.5.17)	
Ambient Air Quality							
PM10 µg/m3	89.35	89.50	89.52	86.13			Results within limit
PM2.5 µg/m3	50.40	49.16	48.24	47.85			Results within limit
SO <sub>x</sub> µg/m3	6.58	8.14	6.79	5.99			Results within limit
NO <sub>x</sub> µg/m3	15.65	17.74	16.10	17.25			Results within limit
CO µg/m3	0.65	0.62	0.68	0.70			Results within limit
Ambient Noise Level							
Construction site							
Day time dB(A)	63.23	61.35	62.76	64.12			Results within limit
Night time dB(A)	54.21	55.75	56.19	57.26			Results within limit
Near Batching Plant							
Day time dB(A)	68.25	67.16	69.50	68.44			Results within limit
Night time dB(A)	56.18	58.28	59.98	60.19			Results within limit
Water Quality							
pH	-	-	-	-	-	7.40	Results within limit
TDS, mg/l	-	-	-	-	-	174.6	Results within limit
Chloride mg/l	-	-	-	-	-	10.0	Results within limit
Fluoride mg/l	-	-	-	-	-	1.6	Results higher than limit
Total hardness (as CaCO <sub>3</sub> ), mg/l	-	-	-	-	-	148.0	Results within limit
Phosphate mg/l	-	-	-	-	-	0.02	Results within limit
Iron mg/l	-	-	-	-	-	0.05	Results within limit
Sulphate mg/l	-	-	-	-	-	23.0	Results within limit
Nitrate Nitrogen mg/l	-	-	-	-	-	4.3	Results within limit
Hexavalent Chromium mg/l	-	-	-	-	-	<0.05	Results within limit
Alkalinity (as CaCO <sub>3</sub> ), mg/l	-	-	-	-	-	128.0	Results within limit

Environmental Monitoring	Results (Average)						Analysis
	July, 2017		August, 2017		September, 2017		
	1 <sup>st</sup> Fortnight (15.7.17)	2 <sup>nd</sup> Fortnight (26.3.17)	1 <sup>st</sup> Fortnight (17.8.17)	2 <sup>nd</sup> Fortnight (29.8.17)	1 <sup>st</sup> Fortnight (11.5.17)	2 <sup>nd</sup> Fortnight (11.5.17)	
Manganese mg/l	-	-	-	-	-	0.037	Results within limit
Copper mg/l	-	-	-	-	-	0.023	Results within limit
Cadmium mg/l	-	-	-	-	-	<0.003	Results within limit
Lead mg/l	-	-	-	-	-	0.019	Results within limit
Zinc mg/l	-	-	-	-	-	0.091	Results within limit
Dissolved Oxygen mg/l	-	-	-	-	-	4.5	Results within limit
Phenols mg/l	-	-	-	-	-	<0.001	Results within limit
Mercury µg/l	-	-	-	-	-	<1	Results within limit
Soil Quality							
pH	-	-	-	-	-	7.2	Results within range
Moisture Content %	-	-	-	-	-	1.4	Results within range
Organic Matter %	-	-	-	-	-	0.93	Results within range
Electrical Conductivity µS/cm	-	-	-	-	-	402.3	Results within range
Available Nitrogen mg/kg	-	-	-	-	-	112.0	Results within range
Calcium (as Ca) mg/kg	-	-	-	-	-	96.0	Results within range
Magnesium (as Mg) mg/kg	-	-	-	-	-	52.0	Results within range
Available Potassium (as K) mg/kg	-	-	-	-	-	28.5	Results within range
Available Phosphorus (as P) mg/kg	-	-	-	-	-	37.6	Results within range
Exchangeable sodium mg/kg	-	-	-	-	-	86.9	Results within range
Texture	-	-	-	-	-	Clay Loam	Results within range
Sand %	-	-	-	-	-	23.5	Results within range
Silt %	-	-	-	-	-	38.8	Results within range

Environmental Monitoring	Results (Average)						Analysis
	July, 2017		August, 2017		September, 2017		
	1 <sup>st</sup> Fortnight (15.7.17)	2 <sup>nd</sup> Fortnight (26.3.17)	1 <sup>st</sup> Fortnight (17.8.17)	2 <sup>nd</sup> Fortnight (29.8.17)	1 <sup>st</sup> Fortnight (11.5.17)	2 <sup>nd</sup> Fortnight (11.5.17)	
Clay %	-	-	-	-	-	36.8	Results within range
Permeability cm/hr		-	-	-	-	0.69	Results within range

### ANALYSIS OF TEST RESULTS-TUTIKANDI October to December, 2017

Environmental Monitoring	Results (Average)						Analysis
	Oct, 2017		Nov, 2017		Dec, 2017		
	1 <sup>st</sup> Fortnight (10.10.17)	2 <sup>nd</sup> Fortnight (25.10.17)	1 <sup>st</sup> Fortnight (08.11.17)	2 <sup>nd</sup> Fortnight (25.10.17)	1 <sup>st</sup> Fortnight (07.12.17)	2 <sup>nd</sup> Fortnight (20.12.17)	
Ambient Air Quality							
PM10 µg/m3	89.26	93.80	90.20	93.80	91.06	92.64	Results within limit
PM2.5 µg/m3	50.02	54.10	48.95	54.10	48.75	51.78	Results within limit
SO <sub>x</sub> µg/m3	5.98	6.23	6.71	6.23	6.99	7.66	Results within limit
NO <sub>x</sub> µg/m3	20.18	19.27	22.52	19.27	25.12	24.72	Results within limit
CO µg/m3	0.72	0.74	0.80	0.74	0.91	0.87	Results within limit
Ambient Noise Level							
Construction site							
Day time dB(A)	75.00	75.00	75.00	75.00	75.00	75.00	Results within limit
Night time dB(A)	70.00	70.00	70.00	70.00	70.00	70.00	Results within limit
Near Batching Plant							
Day time dB(A)	75.00	75.00	75.00	75.00	75.00	75.00	Results within limit
Night time dB(A)	70.00	70.00	70.00	70.00	70.00	70.00	Results within limit

## Sample testing Results

### Ambient Air Quality Report: August 2017 (First Fortnight)



## Vardan EnviroLab

Regd. Off: D-142, Sushant Lok-II, Sector-57, Gurgaon - 122001 (Haryana) Tel: 0124-4291036  
 Laboratory: Samaspur, Opposite Amity International School, Sector-51, Gurgaon - 122001 (Haryana)  
 Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan) Tel: 0141-2983404  
 (ISO 9001) ISO 14001 OHSAS 18001 MoEF & CC Recognized NABL Accredited RSPCB Approved

#### Test Certificate

Sample Number:	VEL/TMSPE/AMB	Report No.:	VEL/A/1708/15/01
Issued To:	M/s Shikhi Technical Construction (P) Ltd. (In Association with Grassroot Research and Consultancy)	Format No.:	5.10 F-01
	Tourist Information Centre, Yate-Duhra, Bharat-Kangra.	Party Reference No.:	NIL
		Reporting Date:	24/08/2017
		Period of Analysis:	18/08/2017 - 23/08/2017
Name & Address of the Party:		Receipt Date:	18/08/2017
	Tutikaadi Multi-Stories Parking Facility, Shimla Tutikaadi By pass Crossing, Near Tourist Information Centre, Shimla (HP) - (Package No.-HP/1108/10).		

Sample Description: AMBIENT AIR QUALITY MONITORING

#### General Information:-

Sample collected by	Vardan Enviro Lab Representative
Sampling Location	Inside Construction Site-1
Instrument Used	EDS & FPS sampler with all Accessories
Instrument Code	VEL/RD6/18 & VEL/FPS/10
Instrument Calibration Status	Calibrated
Meteorological condition during monitoring	Partly Cloudy
Date of Monitoring	16/08/2017 to 17/08/2017
Time of Monitoring	10:30 AM - 10:30 AM
Ambient Temperature (°C)	Min. 28.0, Max. 34.0
Surrounding Activity	Human, Vehicular & Construction Activities
Scope of Monitoring	Regulatory Requirement
Control measure if Any	No
Sampling & Analysis Protocol	IS-5182
Parameter Required	As per client requirement.

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM <sub>10</sub> )	ISOP No. VEL/VOP01, Section No. SP-03	48.24	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>2.5</sub> )	IS-5182 (P-2), 2006	89.52	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS-5182 (P-6), Reaffirmed 2008	16.10	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS-5182 (P-2), Reaffirmed 2012	6.79	µg/m <sup>3</sup>	80
5.	Carbon Monoxide (CO)	IS-5182 (P-16), Reaffirmed 2001	0.68	mg/m <sup>3</sup>	4

\*NAAQS - National Ambient Air Quality Standards: Schedule-VII, Table I, Column (1) Part-4, vol. 3 (2018.11.2009)

② SOP - Laboratory Standard Operating Procedure

*(Initials)*  
 Mr. DEEPIKA DHAWAN  
 M.Sc. Env. Science

*(Signature)*  
 Mrs. DEEPIKA DHAWAN  
 M.Sc. Env. Science

*(Signature)*  
 Mr. DEEPIKA DHAWAN  
 M.Sc. Env. Science

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NDR: 1) The results listed refer only to the tested samples & applicable parameters

2) Valid facilities of our lab will be restricted to the location specified only

3) The samples will be destroyed after retention time unless otherwise specified

4) This report is not to be reproduced without prior written consent and cannot be used as evidence in the court of law

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# Vardan EnviroLab

Regd. Off: D-142, Sukhant Lok-II, Sector-57, Gurgaon - 122003 (Haryana) Tel: 0124-4201036  
 Laboratory: Samaipur, Opposite Arany International School, Sector-51, Gurgaon - 122001 (Haryana)  
 Branch Off: Plot No. 24 & 25, Marzan Vihar, B-Block, Jaipur - 302035 (Rajasthan) Tel: 0141-2983404  
 (ISO 9001:2015) (OHSAS 18001) (MoEF & CC Recognized) (NABL Accredited) (RSPCB Approved)

---

**Sample Number:** VEL/TMS/PI/AN/02

**Issued To:** M/s Shikha Technical Construction (P) Ltd.  
(In Association with Greenest Research and Consultancy)  
Tasneem Information Centre, Tab-Dekra,  
Bhiw-Kargra

**Name & Address of Party:** Tatikandi Multi-Storey Parking Facility,  
Shimla Tatikandi By pass Crossing,  
Near Tasneem Information Centre,  
Shimla (HP) (Package No.-HPTD08/16)

**Sample Description:** AMBIENT NOISE LEVEL MONITORING

**Report No.:** VEL/AN/1708/1801

**Format No.:** 5.10-F-01

**Party Reference No.:** NIL

**Reporting Date:** 14/08/2017


**Receipt Date:** 18/08/2017


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**General Information:-**  
**Sample collected by:** Vardan Enviro Lab Representative  
**Sampling Location:** Construction Site-I  
**Instrument Used:** Sound Level Meter  
**Instrument Code:** VEL/S/LM003  
**Instrument Calibration Status:** Calibrated  
**Metereological condition during monitoring:** Partially Cloudy  
**Date of Monitoring:** 16/08/2017 to 17/08/2017  
**Time of Monitoring:** 06:00 AM to 06:00 AM  
**Ambient Temperature (°C):** Max:20.0, Min: 14.0  
**Surrounding Activity:** Harms, Vehicular & Construction Activities  
**Scope of Monitoring:** Regulatory Requirement  
**Control measure if Any:** No any  
**Sampling & Analysis Protocol:** CPCD Guidelines & IS-9599  
**Sampling Duration:** 24 Hours  
**Parameter Required:** As per Work Order

---

S.No.	Parameters	Protocol	Test Result dB(A)		Unit
			Day Time (06:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	$L_{max}$	CPCD Guidelines IS 9599	72.8	62.1	dB(A)
2.	$L_{min}$	CPCD Guidelines IS 9599	54.1	58.3	dB(A)
3.	$L_{eq}$	CPCD Guidelines IS 9599	62.36	55.18	dB(A)
4.	CPCD Limits in dB(A) Leq (Industrial Area)		75.00	50.00	dB(A)

  
 Mr. Anil Kumar  
 B.Sc. Env. Science


  
 Mrs. Chhavi Chawhan  
 B.Sc. Env. Science

  
 Anurag Chandra  
 Instrument Manager

NOTE: If the results stated other than in the stated category & applicable parameter:  
 (a) First Indicator of our lab will be considered in the same category only.  
 (b) No sample will be accepted after retention time unless otherwise specified.  
 (c) This report is not to be reproduced, modified in part and cannot be used as evidence in the court of law.

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# Vardan EnviroLab

Regd. Off: D-142, Sukhant Lok-II, Sector-57, Gurgaon - 122003 (Haryana) Tel: 0124-4201036  
 Laboratory: Samaipur, Opposite Arany International School, Sector-51, Gurgaon - 122001 (Haryana)  
 Branch Off: Plot No. 24 & 25, Marzan Vihar, B-Block, Jaipur - 302035 (Rajasthan) Tel: 0141-2983404  
 (ISO 9001:2015) (OHSAS 18001) (MoEF & CC Recognized) (NABL Accredited) (RSPCB Approved)

---

**Sample Number:** VEL/TMS/PI/AN/02

**Issued To:** M/s Shikha Technical Construction (P) Ltd.  
(In Association with Greenest Research and Consultancy)  
Tasneem Information Centre, Tab-Dekra,  
Bhiw-Kargra

**Name & Address of Party:** Tatikandi Multi-Storey Parking Facility,  
Shimla Tatikandi By pass Crossing,  
Near Tasneem Information Centre,  
Shimla (HP) (Package No.-HPTD08/16)

**Sample Description:** AMBIENT NOISE LEVEL MONITORING

**Report No.:** VEL/AN/1708/1801

**Format No.:** 5.10-F-01

**Party Reference No.:** NIL

**Reporting Date:** 14/08/2017

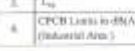
**Receipt Date:** 18/08/2017


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**General Information:-**  
**Sample collected by:** Vardan Enviro Lab Representative  
**Sampling Location:** Batching Plant-I  
**Instrument Used:** Sound Level Meter  
**Instrument Code:** VEL/S/LM004  
**Instrument Calibration Status:** Calibrated  
**Metereological condition during monitoring:** Partially Cloudy  
**Date of Monitoring:** 16/08/2017 to 17/08/2017  
**Time of Monitoring:** 06:00 AM to 06:00 AM  
**Ambient Temperature (°C):** Max:20.6, Min: 14.0  
**Surrounding Activity:** Harms, Vehicular & Construction Activities  
**Scope of Monitoring:** Regulatory Requirement  
**Control measure if Any:** No any  
**Sampling & Analysis Protocol:** CPCD Guidelines & IS-9599  
**Sampling Duration:** 24 Hours  
**Parameter Required:** As per Work Order

---

S.No.	Parameters	Protocol	Test Result dB(A)		Unit
			Day Time (06:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	$L_{max}$	CPCD Guidelines IS 9599	76.20	65.7	dB(A)
2.	$L_{min}$	CPCD Guidelines IS 9599	55.2	54.5	dB(A)
3.	$L_{eq}$	CPCD Guidelines IS 9599	69.50	59.90	dB(A)
4.	CPCD Limits in dB(A) Leq (Industrial Area)		75.00	50.00	dB(A)

  
 Mr. Anil Kumar  
 B.Sc. Env. Science

  
 Mrs. Chhavi Chawhan  
 B.Sc. Env. Science

  
 Anurag Chandra  
 Instrument Manager

NOTE: If the results stated other than in the stated category & applicable parameter:  
 (a) First Indicator of our lab will be considered in the same category only.  
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## Ambient Air Quality Report: August 2017 (Second Fortnight)



**Vardan EnviroLab**

Regd. Off: D-142, Sushant Lok-III, Sector-57, Gurgaon - 122003 (Haryana) Tel: 0124-4291036  
 Laboratory: Samepur, Opposite Amity International School, Sector-51, Gurgaon - 122001 (Haryana)  
 Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan) Tel: 0141-2983404  
 (ISO 9001|ISO 14001|OHSAS 18001|MoEF & CC Recognized|NABL Accredited|RSPCB Approved)

## Test Certificate

Sample Number: VEL/TMSPP/A/001 Report No.: VEL/A/1708/29/01  
 Issued To: M/s Shik Technical Construction (P) Ltd.  
 (In Association with Grassroot Research and Consultancy)  
 Party Reference No.: NIL  
 Tourist Information Centre, Teh- Dehra,  
 Dist- Kangra Reporting Date: 02/09/2017  
 Name & Address of the Party: Tasikandi Multi-Storey Parking Facility,  
 Shimla Tutikandi By pass Crossing Period of Analysis: 29/08/2017 - 02/09/2017  
 Near Tourist Information Centre, Receipt Date: 29/08/2017  
 Shimla (HP) – (Package No.-HPTDB/10).

Sample Description: AMBIENT AIR QUALITY MONITORING

## General Information:-

Sample collected by: Vardan Enviro Lab Representative  
 Sampling Location: Inside Construction Site- I  
 Instrument Used: RDS & FPS sampler with all Accessories  
 Instrument Code: VEL/RDS/18 & VEL/FPS/10  
 Instrument Calibration Status: Calibrated  
 Meteorological condition during monitoring: Partially Cloudy  
 Date of Monitoring: 28/08/2017 to 29/08/2017  
 Time of Monitoring: 10:20 AM - 10:20 AM  
 Ambient Temperature (°C): Min.25.0, Max. 33.0  
 Surrounding Activity: Human, Vehicular & Construction Activities  
 Scope of Monitoring: Regulatory Requirement  
 Control measure if Any: No  
 Sampling & Analysis Protocol: IS-5182  
 Parameter Required: As per client requirement.

S. No.	Parameter	Protocol	Result	Unit	NAAQS <sup>*</sup> Limit
1.	Particulate Matter (PM <sub>10</sub> )	<sup>†</sup> SOP No. VEL/SOP/01, Section No. SP-63	47.85	µg/m <sup>3</sup>	80
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23), 2006	96.13	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (P-6), Reaffirmed-2005	13.25	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2), Reaffirmed-2012	5.99	µg/m <sup>3</sup>	80
5.	Carbon Monoxide (CO)	IS: 5182 (P-10), Reaffirmed-2005	0.70	mg/m <sup>3</sup>	4

\* NAAQS – National Ambient Air Quality Standards; Schedule-VII, (Part-3 (3B)), (Part-4 (4C)) 18.11.2009.

<sup>†</sup> SOP: Laboratory Standard Operating Procedure.

Analysed by: Mr. DHEERAJ DHANWAN  
 Analyst, Env. Science  
 Checked by: Gaurav Chauhan  
 Executive Manager

NOTE: a) The results found refer only to the tested samples & applicable parameters.

b) Test facilities of our lab will be restricted to the volume amount only.


c) The sample will be destroyed after retention time unless otherwise specified.

d) This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law.

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## Ambient Noise Quality Report: August 2017 (Second Fortnight)



## Vardan EnviroLab

Regd. Off: D-142, Sushant Lok-II, Sector-53, Gurgaon - 122003 (Haryana) Tel: 0124-4291036  
 Laboratory: Samaspur, Opposite Amity International School, Sector-53, Gurgaon - 122003 (Haryana)  
 Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jajpur - 302035 (Rajasthan) Tel: 0143-2983404  
 [ISO 9001:2015] [ISO 14001:2015] [MoEF & CC Recognized] [NABL Accredited] [BISMS RSPCB Approved]

---

**Sample Number:** VEL/TMSPT/AN/01 **Test Certificate** **Report No.:** VEL/AN/1708/2901

**Issued To:** M/s Shah Technical Construction (P) Ltd. **Format No.:** 5.10 F-01  
 (In Association with Grassroot Research and Consultancy)  
**Party Reference No.:** NIL  
**Reporting Date:** 02/09/2017  
**Receipt Date:** 29/08/2017



**Name & Address of Party:** Tutikandi Multi-Storey Parking Facility,  
 Shimla Tutikandi Bypass Crossing,  
 Near Tourist Information Centre,  
 Shimla (HP) - (Package No. HPTDB/10).

**Sample Description:** AMBIENT NOISE LEVEL MONITORING

**General Information:-**

Sample collected by	Vardan Enviro-Lab Representative
Sampling Location	Construction Site - I
Instrument Used	Sound Level Meter
Instrument Code	VEL/S/LM03
Instrument Calibration Status	Calibrated
Meteorological condition during monitoring	Partially Cloudy
Date of Monitoring	28/08/2017 to 29/08/2017
Time of Monitoring	06:00 AM to 06:00 AM
Ambient Temperature (°C)	Min. 26.0, Max. 33.0
Surrounding Activity	Human, Vehicular & Construction Activities
Scope of Monitoring	Regulatory Requirement
Control measure if any	No any
Sampling & Analysis Protocol	CPCB Guidelines & IS-9589
Sampling Duration	24 Hours
Parameter Required	As per Work Order


S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	$L_{max}$	CPCB Guidelines/ IS-9589	71.2	63.6	dB(A)
2.	$L_{min}$	CPCB Guidelines/ IS-9589	56.3	51.7	dB(A)
3.	$L_{eq}$	CPCB Guidelines/ IS-9589	64.12	57.26	dB(A)
4.	CPCB Limit (in dB(A)) Leq (Industrial Area)	-	75.00	70.00	dB(A)

 **Mrs. DEEPIKA CHAWLA**  
 (Tested By) **Scientist**  
 **Gourav Chaudhary**  
 (Approved By) **Technical Manager**

NOTE: a) The results stated here only to the extent specified & applicable parameters  
b) Total duration of our lab will be represented in the report whenever applicable  
c) The sample will be destroyed after retention time unless otherwise specified  
d) This report must be reproduced without or in part and cannot be used as evidence in the court of law

Page 1 of 1

Tel: 0124-4522261, 8588859161 | E-mail: lab@vardanenviro.net | www.vardanenviro.net



## Vardan EnviroLab

Regd. Off: D-142, Sushant Lok-II, Sector-53, Gurgaon - 122003 (Haryana) Tel: 0124-4291036  
 Laboratory: Samaspur, Opposite Amity International School, Sector-53, Gurgaon - 122003 (Haryana)  
 Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jajpur - 302035 (Rajasthan) Tel: 0143-2983404  
 [ISO 9001:2015] [ISO 14001:2015] [MoEF & CC Recognized] [NABL Accredited] [BISMS RSPCB Approved]

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**Sample Number:** VEL/TMSPT/AN/01 **Test Certificate** **Report No.:** VEL/AN/1708/2901

**Issued To:** M/s Shah Technical Construction (P) Ltd. **Format No.:** 5.10 F-01  
 (In Association with Grassroot Research and Consultancy)  
**Party Reference No.:** NIL  
**Reporting Date:** 02/09/2017  
**Receipt Date:** 29/08/2017



**Name & Address of Party:** Tutikandi Multi-Storey Parking Facility,  
 Shimla Tutikandi Bypass Crossing,  
 Near Tourist Information Centre,  
 Shimla (HP) - (Package No. HPTDB/10).

**Sample Description:** AMBIENT NOISE LEVEL MONITORING

**General Information:-**

Sample collected by	Vardan Enviro-Lab Representative
Sampling Location	Building Plot - I
Instrument Used	Sound Level Meter
Instrument Code	VEL/S/LM04
Instrument Calibration Status	Calibrated
Meteorological condition during monitoring	Partially Cloudy
Date of Monitoring	28/08/2017 to 29/08/2017
Time of Monitoring	06:00 AM to 06:00 AM
Ambient Temperature (°C)	Min. 25.0, Max. 33.0
Surrounding Activity	Human, Vehicular & Construction Activities
Scope of Monitoring	Regulatory Requirement
Control measure if any	No any
Sampling & Analysis Protocol	CPCB Guidelines & IS-9589
Sampling Duration	24 Hours
Parameter Required	As per Work Order

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	$L_{max}$	CPCB Guidelines/ IS-9589	71.2	63.6	dB(A)
2.	$L_{min}$	CPCB Guidelines/ IS-9589	56.3	51.7	dB(A)
3.	$L_{eq}$	CPCB Guidelines/ IS-9589	64.12	57.26	dB(A)
4.	CPCB Limit (in dB(A)) Leq (Industrial Area)	-	75.00	70.00	dB(A)

 **Mrs. DEEPIKA CHAWLA**  
 (Tested By) **Scientist**  
 **Gourav Chaudhary**  
 (Approved By) **Technical Manager**

NOTE: a) The results stated here only to the extent specified & applicable parameters  
b) Total duration of our lab will be represented in the report whenever applicable  
c) The sample will be destroyed after retention time unless otherwise specified  
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Page 1 of 1

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### **Environmental Closure Report-2**

**Sub-Project Name** : Restoration of Town Hall, Shimla  
**Package Number** : IDIPT/ HPTDB/9/1 (B)  
**Contractor** : M/s Abhiram Infra Project Pvt Ltd, Utsav Seenappa Layout, New BEL Road, Bengaluru (Karnataka).Pin: 560 094  
**Sub-Project Period** : The contract was awarded on 06.08.2014 and the completion date was extended up to 30.09.2018

**Background:** As part of the Investment Program, the project aims to complete subprojects under four or five different components of the Investment Program in the State of Himachal Pradesh (Part A).

- A. Component 1: Urban Infrastructure and Service Improvement
- B. Component 2: Connectivity Improvement
- C. Component 3: Quality Enhancement of Natural and Cultural Attractions
- D. Component 4: Community-based Activities
- E. Component 5: Capacity Development, Community Participation and Project Management

#### ***This subproject pertains to Component 1***

**IEE disclosure:** As per Schedule 5 of FFA, Subproject Concept Report (SCR) and Subproject Appraisal Report (SAR) of subproject have been approved and it has been categorized as “B Category” subproject. Accordingly, Initial Environmental Examination (IEE) was prepared following project Environmental Assessment and Review Framework (EARF, July 2010) and disclosed on the ADB website and project website.

**Land Acquisition:** The proposed sub-project location is on the existing building of Town Hall made available by Municipal Corporation, Shimla at Mall Road location, near Ridge and NoC has been received from the Municipal Council, Shimla, Govt. of Himachal Pradesh. (Refer Appendix 1-2)

**Required NOCs and Consents:** In compliance of schedule 6 (viii) of FFA, all consent and approvals required for implementation of subproject under the Investment Program have been obtained in accordance with the applicable laws and regulations of the Government/state including other relevant agencies. NOCs were in place prior to the project implementation and were part of QPR & EMR regularly submitted to the ADB and had also been disclosed on its website. NOC from Municipal Council, Shimla was obtained prior to start of works, which is attached as Appendix 1-2. No other NOCs/Consents were required for this project.

**Implementation of Provisions of Environmental Management and Monitoring Plans:** Provisions of following key environmental management and monitoring plans have been addressed as per IEE and identified certain shortcomings in terms of implementation has been considered on top priority, and the corrective actions taken accordingly throughout the project period.

<b>Stages:</b> Pre-construction/Construction/Post construction phase	
<b>Activity</b>	<b>Parameter monitored</b>
Activity 1: Signage & Display	Complied
Activity 2: Ambient Air Quality	Complied (Ambient air, noise and Water quality)
Activity 3: Solid Waste Management & Debris Disposal	Complied (Through Municipal Corporation Shimla collection and disposal system)
Activity 4: Water & Drainage	Complied
Activity 5: Noise	Complied
Activity 6: Site Operations & Management	Complied
Activity 7: Occupational Health & Safety	Complied
As per Loan <u>Covenant 6 under Schedule 5</u> for HPIDIPT: “The State shall ensure that civil works Contracts under the projects follow all applicable labour laws of the Borrower and the State and that these further include provisions to the effect that Contractors .....	
... (i) carry out HIV/AIDS awareness programs for labour and disseminate information at worksites on risks of sexually transmitted diseases and HIV/AIDS as part of health and safety measures	Complied
... (ii) follow and implement all statutory provisions on labour, health, safety, welfare, sanitation and working conditions.	Complied

Compliances of above conditions monitoring is regularly been submitted to ADB through quarterly and semi-annual monitoring reports to ADB.

**Local Grievance Redress Status:** No any grievance or any complaint was received by Grievance Redressal Committee and PIU, Shimla throughout the project period.

**Source of construction materials:** All the materials were sourced from local registered quarries / vendors. The contractor purchased construction materials from approved sources and were verified/approved by PIU Shimla.

**Requisite environmental impacts after sub-project completion:** The design, construction, operation, and implementation of subproject have been carried out in accordance with EARF and IEE/EMP agreed upon between the Government, the state and ADB and complied with environmental laws

and regulations of the Government and the state and ADB Safeguard Policy Statement.

The objective and desired outcomes of the safeguard plans have been achieved, taking into account the baseline conditions and the results of monitoring. Environmental monitoring reports (**Appendix 3**) are within limit and no requisite impact has been identified after project completion at site.

**Loan Agreement Compliance:** Compliance of conditions of loan agreement is as below-

Loan Agreement Conditions	Compliance
1. The project is undertaken, and the project facilities are designed, constructed, implemented, operated, and maintained, in accordance with the Borrowers applicable laws and regulations; ADB's Safeguard Policy Statement (2009) as set forth in; and the EARF	<b>Complied</b> , IEE is part of contract agreement and is in accordance with the country/state applicable laws and regulations and ADB Safeguard Policy Statement (2009) as set forth in and the EARF.
2. The IEE and EMP are implemented in accordance with their terms	<b>Complied</b>
3. In the event that any unanticipated adverse environmental impact occurs or a mitigation measures under an IEE or EMP does not have the desired effect, this is reported to ADB, and remedial actions are taken to mitigate the relevant impacts in consultation with the affected persons and ADB;	<b>Complied</b> , No unanticipated adverse environmental impact occurred.
4. Any change to the location, land alignment, or environmental impacts on account of detailed designs of the Project facilities are mutually agreed between the Borrower and ADB, and are consistent with the eligibility criteria set forth in schedule 4 to the FFA;	<b>Complied</b> , No change to the location or alignment and are consistent with the eligibility criteria set forth in shedule 4 of the FFA
5. The IEEs and EMPs are updated, as necessary, during the course of project implementation and submitted to ADB for clearance;	<b>Complied</b> , The IEE and EMP submitted to ADB for approval and has been disclosed on its website.
6. The Work Contractors are contractually obliged to implement the IEEs and EMPs and reprot on their implementation on regular basis, along with any deviation; and.	<b>Complied</b> , IEE and EMP was the part of contract agreement and contractor was contractually obliged to follow the provisions of IEE/EMP
7. Reports on implementation of the IEEs and the EMPs are submitted to ADB on quarterly basis.	<b>Complied</b> , Reports on implementation of the IEE/EMP/project covenant are submitted to ADB on quarterly basis as whole and specific EMR initially of quarterly basis and since July, 2014 onwards semi-annually basis.
<b>Point 11 (Page 22) Specific Actions (Schedule 5)</b> Each State shall ensure following activities on a timely basis:	

Loan Agreement Conditions	Compliance
(a) All consents and approvals required for implementation of subprojects under the Project shall be obtained in accordance with laws and regulations of the Borrower or the State, including, without limitation, any consent or approvals from the Archaeological Survey of India (ASI) or its branches within the state where applicable, for works on or around archaeological or heritage sites; and any consent or approvals from any other agencies or third parties that have any claim or authority over the site of a Subproject.	<b>Complied</b> , Investment Program has been obtained all the consents and clearances in accordance with applicable laws and regulations of the Government/state including other relevant agencies.
(b) Subprojects and business opportunities associated with the Subprojects shall be announced on the websites of the relevant State agencies, together with pertinent information in relation to goods and services procured for subprojects.	Complied, Subprojects and business opportunities associated and tenders with the Subprojects were announced on the websites of the relevant State agencies i.e. IDIPT/HPTDB, together with pertinent information in relation to goods and services procured for subprojects.
(c) The states shall ensure that adequate basic infrastructure and services such as electricity, water supply, sewerage and solid waste management are provided and maintained by the relevant Urban Local Body ("ULB") or the agency concerned at each tourist destination for which investment will be financed under the Project	All the basic infrastructure and services are provided and maintained by concerned line agencies through Department of Tourism
(d) Admission and user fees to tourist facilities rehabilitated or created under the project shall be set at levels that are sufficient to make their operation financially sustainable. Where this is not feasible, the state shall ensure that adequate funds will be provided to meet any shortfall between the costs and revenues for the operation and maintenance of facilities rehabilitated or creates under the project.	The decision is pending from the Hon'ble High Court for handing over the project to Municipal Corporation Shimla or to other Deptt.
(e) The state shall take appropriate measures including levy of user charges/taxes related policies and outsourcing and contracting models to ensure financial sustainability and accountability of the Facility and Investment Program as a whole.	Complied for the Investment Program as a whole
(f) Mobility Plans shall be prepared by the state for major tourist destinations as required.	Complied for the Investment Program as a whole
(g) No later than 31 March 2012, the state shall: <ul style="list-style-type: none"> <li>have developed guidelines for effective and accruable data collection of tourism-related statics relevant to monitor the performance indicators developed for Investment Program;</li> <li>have developed a set of benchmarks to be monitored by local communities, at a tourist destination or gateway for development</li> </ul>	Complied for Investment program as a whole

Loan Agreement Conditions	Compliance
<p>of tourism; and</p> <ul style="list-style-type: none"> <li>ensure that each ULB where investments will be financed under the Project shall have commenced the collection of relevant data.</li> </ul>	
<p>(h) The state shall develop a tourism policy to mainstream:</p> <ul style="list-style-type: none"> <li>Balanced distribution of economic opportunities across the state through community-based and ecotourism development with an introduction of relevant monitoring indicators;</li> <li>Financial sustainability of tourism destinations and their heritage assets, and connectivity infrastructure; and</li> <li>Policy and regulatory reforms to provide for adaptive reuse of publicity-owned heritage buildings so that additional means of cost recovery is established.</li> </ul>	<p>Complied for Investment Program as a whole</p>

## Photographs









## Appendix-1 NoC from Municipal Corporation Shimla dated 13-01-2014

**SHIMLA MUNICIPAL CORPORATION**

**NO:-MCS/XEN/5436/MU/13- 106**

**DATED: 13/1/14**

From Commissioner  
Shimla Municipal Corporation


To The Director, (Tourism)-cum-  
Mission Director, IDIPT-HP,  
Shimla.

Subject:- **NOC for DPR of Shimla Mall Road Restoration Project  
& Rehabilitation of Town Hall (HPTBD/9/1/A) P-224**

Reference:- Your office letter No. IDIPT-HP/2676-IND/HPTBD/9/1/  
(A) /2013/MC 2585-88 Dated 13.12.2013.

Sir,  
With the prior approval of Hon'ble M.C. House dated  
03.01.2014. NOC is hereby granted subject to the following terms and  
conditions:-

1. The Tourism Department shall be responsible for any damage to  
the Govt/Private properties.
2. No inconvenience to be caused to the general public during  
execution of work.
3. Final approval of the project may be obtained from M.C. Shimla.

Yours faithfully,  
  
(Amarjeet Singh)  
Commissioner,  
Shimla Municipal Corporation  
Tel. No. 2812899

Copy to:-

1. The Assistant Commissioner, M.C. Shimla for information.
2. The Executive Engineer, (R&B) M.C. Shimla for information and  
necessary action.
3. The Assistant Engineer-I&II (R&B) M.C. Shimla for information and  
necessary action.

(Amarjeet Singh)  
Commissioner,  
Shimla Municipal Corporation  
Tel. No. 2812899

**Appendix-2: NoC from Municipal Corporation Shimla dated 13-05-2014****MUNICIPAL CORPORATION SHIMLA**Commissioner's Order No. 183.CAPDDated: 13-5-14

Applicant the Director, ( Tourism ) -cum- Mission Director, IDIPT-HP, U.S.Club, Shimla-1 has submitted plan for the rehabilitation of Town Hall building on old existing line situated at The Mall Shimla.

The plan submitted by the applicant Deptt. is in conformity as per M.C. Building Bye Laws. Therefore, as per the approval received from the Heritage Advisory Committee and further decision taken by the Single Umbrella Committee in the 36<sup>th</sup> meeting held on dated 21-4-2014 and 22.4.2014 the plan submitted is hereby sanctioned subject to the conditions that:-

1. Work should be carried out strictly as per plan approved and on old line. <sup>as</sup> The area falls in "Core / Heritage Area" of Shimla planning area.
2. You will exhibit details/ information of this sanction /approval on a signboard, which will be affixed at conspicuous location at the site of construction till completion of the project as per annexure 'A' enclosed.
4. Sanction is granted subject to the final decision in CWP No.4595/2011 titled as Rajeew Verma & others v/s State of H.P. pending before the Hon'ble High Court.

Commissioner,  
Municipal Corporation,  
Shimla.

Dated: 13-5-14No. MCS/AP/291/AP/14-2893  
Copy to: 96

1. The Director, ( Tourism ) -cum- Mission Director, IDIPT-HP, U.S.Club, Shimla-1 alongwith copy of sanctioned plan.
2. The Director-cum-Chairman, Heritage Advisory Committee, w.r.t the letter No. HIM/TCP/PPP.Reg./HAC-case-town Hall / 2014 -13907 dated 20.2.2014 for information.
3. Junior Engineer concerned alongwith plan for information.
4. Commissioner's Order book.

Commissioner,  
Municipal Corporation,  
Shimla.

**Appendix 3: Environmental Testing results**

Concentration of Air Pollutants Monitored at Bus Stand, Shimla												
				SO <sub>2</sub> µg/m <sup>3</sup>			NO <sub>x</sub> µg/m <sup>3</sup>			RSPM µg/m <sup>3</sup>		
	City	Station	Period	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	Shimla	Bus Stand (R)	January 2018	2.0	9.2	2.0	11.9	36.1	24.7	20.2	93.3	50.3
2	Shimla	Bus Stand (R)	February 2018	2.0	11.2	2.0	12.3	36.6	26.4	22.7	93.2	55.3
3	Shimla	Bus Stand (R)	March 2018	2.0	12.1	2.0	2.2	36.6	25.0	20.8	89.0	53.8
4	Shimla	Bus Stand (R)	April 2018	2.0	11.7	4.4	13.3	41.4	25.6	16.0	155.0	65.4

Month	SO <sub>x</sub> in µg/m <sup>3</sup>		NO <sub>x</sub> in µg/m <sup>3</sup>		RSPM in µg/m <sup>3</sup>	
	A.M	Annual Standard	A.M	Annual Standard	A.M	Annual Standard
Apr-15	2.0	50.0	9.3	40.0	43.8	60.0
May-15	2.0	50.0	10.8	40.0	52.4	60.0
Jun-15	2.0	50.0	12.8	40.0	50.0	60.0
Jul-15	2.0	50.0	9.3	40.0	31.2	60.0
Aug-15	2.0	50.0	9.8	40.0	23.0	60.0
Sep-15	2.0	50.0	11.6	40.0	40.8	60.0
Oct-15	2.0	50.0	12.2	40.0	38.8	60.0
Nov-15	2.0	50.0	10.1	40.0	38.1	60.0
Dec-15	2.0	50.0	12.1	40.0	39.1	60.0
Jan-16	2.0	50.0	9.9	40.0	44.8	60.0
Feb-16	2.0	50.0	11.6	40.0	51.6	60.0
Mar-16	2.0	50.0	12.6	40.0	40.6	60.0
Apr-16	2.0	50.0	12.5	40.0	48.6	60.0
May-16	2.0	50.0	11.9	40.0	53.2	60.0
Jan-17	2.0	50.0	12.8	40.0	41.2	60.0
Feb-17	2.0	50.0	15.3	40.0	41.1	60.0

Source: HP Pollution Control Board

### **Environmental Closure Report - 3**

**Sub-Project Name** : Restoration of Shimla Mall Road, Shimla

**Package Number** : IDIPT/ HPTDB/9/1 (A)

**Contractor** : M/s P.K. Construction

**Sub-Project Period** : The contract was awarded on 28.05.2014 and the completion date was extended up to 30.09.2018

**Background:** As part of the Investment Program, the project aims to complete subprojects under four or five different components of the Investment Program in the State of Himachal Pradesh (Part A).

- A. Component 1: Urban Infrastructure and Service Improvement
- B. Component 2: Connectivity Improvement
- C. Component 3: Quality Enhancement of Natural and Cultural Attractions
- D. Component 4: Community-based Activities
- E. Component 5: Capacity Development, Community Participation and Project Management

***This subproject pertains to Component 1***

**IEE disclosure:** As per Schedule 5 of FFA, Subproject Concept Report (SCR) and Subproject Appraisal Report (SAR) of subproject have been approved and it has been categorized as “B Category” subproject. Accordingly, Initial Environmental Examination (IEE) was prepared following project Environmental Assessment and Review Framework (EARF, July 2010) and disclosed on the ADB website and project website.

**Land Acquisition:** There are two components of this project. First is restoration of Mall Road and other is construction of new lift at Mall Road. One of the proposed sub-project location is on the existing Mall road made available by Municipal Corporation, Shimla at Mall Road location and NoC has been received from the Municipal Council, Shimla, Govt. of Himachal Pradesh. For the construction of new lift near existing lift at Mall road land from two parties have been used. Some of the land is under the jurisdiction of PWD and NOC has been taken from PWD, which is attached as. Some of the required land for construction of new lift has been donated by Bhagwati Oberoi Charitable Trust, for which all the legal formalities has been done which. NOC from Municipal Corporation, Shimla is also taken. All NoCs are attached from **Appendix 1-6**

**Required NOCs and Consents:** In compliance of schedule 6 (viii) of FFA, all consent and approvals required for implementation of subproject under the Investment Program have been obtained in accordance with the applicable laws and regulations of the Government/state including other relevant agencies. NOCs were in place prior to the project implementation and were part of QPR & EMR regularly submitted to the ADB and had also been

disclosed on its website. NOC from Municipal Council, Shimla was obtained prior to start of works, which is attached as Appendix 1 & 3.

**Implementation of Provisions of Environmental Management and Monitoring Plans:** Provisions of following key environmental management and monitoring plans have been addressed as per IEE and identified certain shortcomings in terms of implementation has been considered on top priority, and the corrective actions taken accordingly throughout the project period.

<b>Stages:</b> Pre-construction/Construction/Post construction phase	
<b>Activity</b>	<b>Parameter monitored</b>
Activity 1: Signage & Display	Complied
Activity 2: Ambient Air Quality	Complied (Ambient air, noise and Water quality)
Activity 3: Solid Waste Management & Debris Disposal	Complied (Through Municipal Corporation Shimla collection and disposal system)
Activity 4: Water & Drainage	Complied
Activity 5: Noise	Complied
Activity 6: Site Operations & Management	Complied
Activity 7: Occupational Health & Safety	Complied
As per Loan <u>Covenant 6 under Schedule 5</u> for HPIDIPT: "The State shall ensure that civil works Contracts under the projects follow all applicable labour laws of the Borrower and the State and that these further include provisions to the effect that Contractors .....	
... (i) carry out HIV/AIDS awareness programs for labour and disseminate information at worksites on risks of sexually transmitted diseases and HIV/AIDS as part of health and safety measures	Complied
... (ii) follow and implement all statutory provisions on labour, health, safety, welfare, sanitation and working conditions.	Complied

Compliances of above conditions monitoring is regularly been submitted to ADB through quarterly and semi-annual monitoring reports to ADB.

**Local Grievance Redress Status:** No any grievance or any complaint was received by Grievance Redress Committee and PIU, Shimla throughout the project period.

**Source of construction materials:** All the materials were sourced from local registered quarries / vendors. The contractor purchased construction

materials from approved sources and were verified/approved by PIU Shimla.

**Requisite environmental impacts after sub-project completion:** The design, construction, operation, and implementation of subproject have been carried out in accordance with EARF and IEE/EMP agreed upon between the Government, the state and ADB and complied with environmental laws and regulations of the Government and the state and ADB Safeguard Policy Statement.

The objective and desired outcomes of the safeguard plans have been achieved, taking into account the baseline conditions and the results of monitoring. Environmental monitoring reports (**Appendix 7**) are within limit and no requisite impact has been identified after project completion at site.

**Loan Agreement Compliance:** Compliance of conditions of loan agreement is as below-

Loan Agreement Conditions	Compliance
1. The project is undertaken, and the project facilities are designed, constructed, implemented, operated, and maintained, in accordance with the Borrowers applicable laws and regulations; ADB's Safeguard Policy Statement (2009) as set forth in; and the EARF	<b>Complied,</b> IEE is part of contract agreement and is in accordance with the country/state applicable laws and regulations and ADB Safeguard Policy Statement (2009) as set forth in and the EARF.
2. The IEE and EMP are implemented in accordance with their terms	<b>Complied</b>
3. In the event that any unanticipated adverse environmental impact occurs or a mitigation measures under an IEE or EMP does not have the desired effect, this is reported to ADB, and remedial actions are taken to mitigate the relevant impacts in consultation with the affected persons and ADB;	<b>Complied,</b> No unanticipated adverse environmental impact occurred.
4. Any change to the location, land alignment, or environmental impacts on account of detailed designs of the Project facilities are mutually agreed between the Borrower and ADB, and are consistent with the eligibility criteria set forth in schedule 4 to the FFA;	<b>Complied,</b> No change to the location or alignment and are consistent with the eligibility criteria set forth in shedule 4 of the FFA
5. The IEEs and EMPs are updated, as necessary, during the course of project implementation and submitted to ADB for clearance;	<b>Complied,</b> The IEE and EMP submitted to ADB for approval and has been disclosed on its website.
6. The Work Contractors are contractually obliged to implement the IEEs and EMPs and reprot on their implementation on regular basis, along with any deviation; and.	<b>Complied,</b> IEE and EMP was the part of contract agreement and contractor was contractually obliged to follow the provisions of IEE/EMP



Loan Agreement Conditions	Compliance
7. Reports on implementation of the IEEs and the EMPs are submitted to ADB on quarterly basis.	<b>Complied,</b> Reports on implementation of the IEE/EMP/project covenant are submitted to ADB on quarterly basis as whole and specific EMR initially of quarterly basis and since July, 2014 onwards semi-annually basis.
<b>Point 11 (Page 22) Specific Actions (Schedule 5)</b> Each State shall ensure following activities on a timely basis:	
(a) All consents and approvals required for implementation of subprojects under the Project shall be obtained in accordance with laws and regulations of the Borrower or the State, including, without limitation, any consent or approvals from the Archaeological Survey of India (ASI) or its branches within the state where applicable, for works on or around archaeological or heritage sites; and any consent or approvals from any other agencies or third parties that have any claim or authority over the site of a Subproject.	<b>Complied,</b> Investment Program has been obtained all the consents and clearances in accordance with applicable laws and regulations of the Government/state including other relevant agencies.
(b) Subprojects and business opportunities associated with the Subprojects shall be announced on the websites of the relevant State agencies, together with pertinent information in relation to goods and services procured for subprojects.	Complied, Subprojects and business opportunities associated and tenders with the Subprojects were announced on the websites of the relevant State agencies i.e. IDIPT/HPTDB, together with pertinent information in relation to goods and services procured for subprojects.
(c) The states shall ensure that adequate basic infrastructure and services such as electricity, water supply, sewerage and solid waste management are provided and maintained by the relevant Urban Local Body ("ULB") or the agency concerned at each tourist destination for which investment will be financed under the Project	All the basic infrastructure and services are provided and maintained by concerned line agencies through Department of Tourism
(d) Admission and user fees to tourist facilities rehabilitated or created under the project shall be set at levels that are sufficient to make their operation financially sustainable. Where this is not feasible, the state shall ensure that adequate funds will be provided to meet any shortfall between the costs and revenues for the operation and maintenance of facilities rehabilitated or creates under the project.	The Mall Road and lift after restoration has been handed over to Municipal Corporation, Shimla and to HPTDC.
(e) The state shall take appropriate measures including levy of user charges/taxes related policies and outsourcing and contracting models to ensure financial sustainability and accountability of the Facility and	Complied for the Investment Program as a whole

Loan Agreement Conditions	Compliance
Investment Program as a whole.	
(f) Mobility Plans shall be prepared by the state for major tourist destinations as required.	Complied for the Investment Program as a whole
(g) No later than 31 March 2012, the state shall: <ul style="list-style-type: none"> <li>• have developed guidelines for effective and accruable data collection of tourism-related statics relevant to monitor the performance indicators developed for Investment Program;</li> <li>• have developed a set of benchmarks to be monitored by local communities, at a tourist destination or gateway for development of tourism; and</li> <li>• ensure that each ULB where investments will be financed under the Project shall have commenced the collection of relevant data.</li> </ul>	Complied for Investment program as a whole
(h) The state shall develop a tourism policy to mainstream: <ul style="list-style-type: none"> <li>• Balanced distribution of economic opportunities across the state through community-based and ecotourism development with an introduction of relevant monitoring indicators;</li> <li>• Financial sustainability of tourism destinations and their heritage assets, and connectivity infrastructure; and</li> <li>• Policy and regulatory reforms to provide for adaptive reuse of publicity-owned heritage buildings so that additional means of cost recovery is established.</li> </ul>	Complied for Investment Program as a whole

Photographs of project sites completed



Lighting at Ridge







## Appendix-1 NoC from Municipal Corporation Shimla dated 13-01-2014

**SHIMLA MUNICIPAL CORPORATION**

**NO:-MCS/XEN/5436/MU/13-16**

**DATED: 13/1/14**

From: Commissioner  
Shimla Municipal Corporation


To: The Director, (Tourism)-cum-  
Mission Director, IDIPT-HP,  
Shimla.

Subject:- **NOC for DPR of Shimla Mall Road Restoration Project  
& Rehabilitation of Town Hall (HPTBD/9/1/A) P-224**

Reference:- Your office letter No. IDIPT-HP/2676-IND/HPTBD/9/1/  
(A) /2013/MC 2585-88 Dated 13.12.2013.

Sir,  
With the prior approval of Hon'ble M.C. House dated  
03.01.2014. NOC is hereby granted subject to the following terms and  
conditions:-

1. The Tourism Department shall be responsible for any damage to  
the Govt/Private properties.
2. No inconvenience to be caused to the general public during  
execution of work.
3. Final approval of the project may be obtained from M.C. Shimla.

Yours faithfully,  
  
(Amarjeet Singh)  
Commissioner,  
Shimla Municipal Corporation  
Tel. No. 2812899

Copy to:-

1. The Assistant Commissioner, M.C. Shimla for information.
2. The Executive Engineer, (R&B) M.C. Shimla for information and  
necessary action.
3. The Assistant Engineer-I&II (R&B) M.C. Shimla for information and  
necessary action.

(Amarjeet Singh)  
Commissioner,  
Shimla Municipal Corporation  
Tel. No. 2812899

Appendix 2: NoC from MC, Shimla for the construction of Lift dated 9<sup>th</sup> September, 2016

नगर निगम शिमला

क्रमांक:नगनि0हि0/स0शा0/2016- 1636 दिनांक 9-9-16

प्रेषक  
आयुक्त,  
नगर निगम शिमला।

प्रेषित  
प्रोजेक्ट डायरेक्टर,  
आई0डी0आई0 पी0टी0 हि0प्र0,  
बू0 एस0 कल्ब शिमला-171101

विषय:- नई लिफ्ट लगाने हेतु अनापत्ति प्रमाण-पत्र जारी करने बारे।

महोदय,

उपरोक्त विषय के सन्दर्भ में आपके कार्यालय के पत्र दिनांक 24.5.2016 के अनुसार नगर निगम शिमला को प्रस्ताव संख्या 3(13), दिनांक 23.8.16 को महाल स्टेशन वाई छोट शिमला में खतरा न0 58, रकबा 107.45 वर्गमीटर भूमि पर प्रस्तावित नई लिफ्ट के निर्माण बारे आपके पत्र में अनापत्ति प्रमाण-पत्र इस शर्त पर जारी किया गया है कि लिफ्ट की कुल आय में से 30 प्रतिशत शेष नगर निगम शिमला को अदा करना होगा। उक्त प्रस्ताव की प्रति आगामी कार्यवाही हेतु संलग्न की जाती है।

भवदीय,

सहायक आयुक्त,

नगर निगम शिमला।

## Transcript:

NoC is granted for the proposal of new Lift on Kh. No. 58 subject to the condition that 30% of the income from the Lift should be given to M.C. Shimla



## Appendix 3: NOC from Bhagwanti Oberoi Charitable Trust

*REN*  
*8.11.15*  
*NE*

*PR S Oberoi*  
Executive Chairman

29<sup>th</sup> September, 2015

The Commissioner (Tourism)-cum-Mission Director,  
IDIPT-HP,  
Project Management Unit,  
US Club,  
Shimla 171 001,  
Himachal Pradesh.

Dear Sir,

Thank you for your letter no. IDIPT-HP/2676-IND/HPTB/9/1-A/2014-3280 dated 09-2015 which was received on 25<sup>th</sup> September, 2015.

I am pleased to learn that the Government of Himachal Pradesh in partnership with the Asian Development Bank is in the process of implementing projects to beautify Shimla and upgrading tourism infrastructure in Himachal Pradesh.

In your letter, you have asked that Bhagwanti Oberoi Charitable Trust donate 200 square feet of land out of Khasra No. 68 for constructing a new lift which would be adjacent to the present lift.

In principle, Bhagwanti Oberoi Charitable Trust would have no objection to transfer 200 square feet of land out of Khasra No. 68 in the larger interest of the public. I have also noted that the Department of Tourism will put a suitable plate at the site of the lift that the land has been donated by Bhagwanti Oberoi Charitable Trust.

Continued on page...2

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Continuation Sheet 1

I am asking Mr. D.P. Bhatia, General Manager of Clarkes Hotel to get in touch with your office for inspecting the site of Khasra No. 68 with your officers, providing him a sketch of the demarcated area of 200 square feet in Khasra no. 68 that is required for the new lift and also providing him a draft of all legal documentation required for transferring the land of 200 square feet in Khasra no. 68.

Please provide Mr. Bhatia the required assistance so as to conclude the transfer process at the earliest.

Thank you.

Yours sincerely,

Copy: Mr. V.C. Pharka, Additional Chief Secretary Tourism & CA, Shimla,  
Himachal Pradesh.

prso:rk

## Appendix 4: Gift Deed

**GIFT DEED**

*STAMP EXEMPTED*



THIS DEED OF GIFT has been executed on 16<sup>th</sup> day of February 2016 by BHAGWANTI OBEROI CHARITABLE TRUST through Shri Dharam Pal Bhatia (Attorney) hereinafter referred as "Donor" and DEPARTMENT OF TOURISM (GOVT. of H. P.) Through its Authorized Signatory Shri Surinder Jatta, Deputy Director, Tourism and Civil Aviation, Shimla Division, HP, Block No. 28, SDA Complex, Kasumpti, Shimla- 9 hereinafter referred as "Donee".


AND WHEREAS the first party/Donor is an absolute owner in possession of land comprised in Khata Khatoni No. 44min/68, Khalsa No. 68 situated at Mohal U.S. Club Tehsil Shimla (U) District Shimla H.P. according to Nakal Jamabandi for the year 2006-2007 (a true copy of which is enclosed herewith).

And whereas the Donor upon the specific request made by the Donee has agreed to donate a portion of land Khalsa No. 68/1 measuring 18 sq. meters of land as shown in (Red color) in Tatima (Map) attached, out of Khalsa No. 68, Khata Khatoni No. 44min/68 situated at Mohal U.S. Club Tehsil Shimla (U) District Shimla H.P. along with all rights of easements, paths, drainages, Air, Light, Sun-Light, fittings fixtures etc in favour of DEPARTMENT OF TOURISM (GOVT. of H. P.) only for the purpose of establishment of lift to be used by the General Public.

NOW THIS DEED OF GIFT WITNESSETH AS UNDER:-

1. That the Donor has handed over the possession of the said land (described hereinabove) to the Donee with the execution of this deed.
2. That the Donor has no objection in case the mutation of the said land hereby gifted to the Donee is attested in favour of the Donee in the absence of the Donor.
3. That the Donee has the rights to use the said land only for the purpose of establishment of lift to be used by the General Public.
4. The Donee shall be liable to pay any-taxes, cess, etc payable and accruable on the said land.
5. That Donee undertakes to display board/plates at a prominent place that the said land is donated by BHAGWANTI OBEROI CHARITABLE TRUST C/o Shri. P.R.S. Oberoi

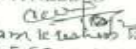

  
  
 पंजीकृत  
 बहीका नं० 73/16  
 का.पं.जी.का.र.  
 हिमालय (महाराष्ट्र)





(Managing Trustee) for the establishment of lift.

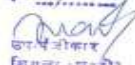
IN WITNESS, WHEREOF the Donor and Donees have put their hands on this GIFT Deed on this 16<sup>th</sup> day of February 2016.


WITNESSES

1.   
 Ram Kishan Bhatia  
 A.E.C.E., IDIPT-H.P.U.S.  
 Chashima
2.   
 Sandhya Sharma,  
 o/o Project Director,  
 IDIPT-H.P., U.S. Club,  
 Shimla-2








  
 DONOR  
 (D.P. Bhatia)

  
 DONEE  
 Surinder Jatta  
 DD

पंजीकृत 73/16  
 बहीका नं० 73/16  
  
 का.पं.जी.का.र.  
 हिमालय (महाराष्ट्र)



[illegible]

Party Details	
जिला: 10.146.129.50	Reference No. 152/2016
सब रजिस्ट्रार : शिमला(शहरी)	
PhotoGraphs	
	
Party Name and Address	Finger Prints and Signatures
<b>Donor</b> 1. Bhagwati Oberoi Charitable Trust ,Nr. Lift Shmala Through OTHER Dharan Pal Bhatia G.M पुत्र Late Sh. Dault Ram / Hotel Clarks पुत्र - ,Hotel Oberoi Clarks The Mall Road Shimla	
<b>Donee</b> 1. Deptt. of Tourism through its ,SDA Complex Kasumpti Shimla -9 Through OTHER Sh. Surinder Justa Deputy Director पुत्र पुत्र - ,O/O Tourism and Civil Aviation Shimla Division HP ,SDA Complex Kasumpti Shimla -9	
<b>Witness</b> 1. Ram Krishan Thakur AE पुत्र - पुत्र - ,O/O Project Director IDIPT U.S Club Shimla	
2. Sandesh Sharma Computer Operator पुत्र - पुत्र - ,O/O Project Director IDIPT U.S Club Shimla	
Identifier	
हिमचिरम - विक्रमेट-डिमावल प्रदेश 	कुल संख्या : 3 दिनांक: 16-02-2016 पंजीकृत 73/16 वसुका नं०  खर नं कीकाह शिमला (शहरी)



73/2016

**GIFT DEED**

**TAX EXEMPTED**

THIS DEED OF GIFT has been executed on 16<sup>th</sup> day of February 2016 by BHAGWANTI OBEROI CHARITABLE TRUST through Shri Dharam Pal Bhatia (Attorney) hereinafter referred as "Donor" and DEPARTMENT OF TOURISM (GOVT. of H. P.) Through its Authorized Signatory Shri Surinder Jasta, Deputy Director, Tourism and Civil Aviation, Shimla Division, HP, Block No. 28, SDA Complex, Kasumpti, Shimla-6 hereinafter referred as "Donee".

AND WHEREAS the first party Donor is an absolute owner in possession of land comprised in Khata Khatoni No. 44min/68, Khata No. 68 situated at Mohal U.S. Club Tehsil Shimla (U) District Shimla H.P. according to Nikal Jamahani for the year 2006-2007 (a true copy of which is enclosed herewith).

And whereas the Donor upon the specific request made by the Donee has agreed to donate a portion of land Khata No. 68/1 measuring 18 sq. meters of land as shown in (Red color) in Tetana (Map) attached, out of Khata No. 68, Khata Khatoni No. 44min/68 situated at Mohal U.S. Club Tehsil Shimla (U) District Shimla H.P. along with all rights of easements, paths, drainage, Air Light, Sun-Light, fittings fixtures etc. in favour of DEPARTMENT OF TOURISM (GOVT. of H. P.) only for the purpose of establishment of lift to be used by the General Public.

NOW THIS DEED OF GIFT WITNESSETH AS UNDER:-

- That the Donor has handed over the possession of the said land (described hereinabove) to the Donee with the execution of this deed.
- That the Donor has no objection in case the mutation of the said land hereby gifted to the Donee is attested in favour of the Donee in the absence of the Donor.
- That the Donor has the rights to use the said land only for the purpose of establishment of lift to be used by the General Public.
- The Donor shall be liable to pay any taxes, cess, etc payable and accreable on the said land.
- That Donor undertakes to display boundary map at a prominent place that the said land is donated by BHAGWANTI OBEROI CHARITABLE TRUST C/o Shri P.R.S. Oberoi

(Managing Trustees for the establishment of lift)

IN WITNESS, WHEREOF the Donor and Donees have put their hands on this GIFT Deed on this 16<sup>th</sup> day of February 2016.

WITNESSES

- Ram & Lakshmi Thakur  
A.C.E., 101 M.T. Road, U.S.  
Club Shimla
- Sandeep Kumar  
c/o Project Director,  
HPST - HP, U.S. Club  
Shimla - 5

पंजीकृत  
बहीका नं० 73/16  
श्री प्रदीप कुमार  
विभागीय अधिकारी  
पर्यटन, जम्मू एवं कश्मीर सरकार

I hereby certify that this document has been signed with mutual consent between both the parties and without any financial implications. The deed has been made to develop and to promote Tourism Infrastructure in the Town keeping in view the larger interest of the public.

प्रमाणित  
Tribal Region Union of Animals

पंजीकृत  
बहीका नं० 73/16  
श्री प्रदीप कुमार  
विभागीय अधिकारी  
पर्यटन, जम्मू एवं कश्मीर सरकार

SHIMLA TOWN

## Appendix 6: NoC of PWD, HP for construction of lift dated 16.8.16

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

NO: - PW-SD-I-WA-NOC /16-17 10399-401 Dated:- 16/8/16

To,

✓  
Project Director,  
IDIPT-HP,  
1 S.Club, Shimla,

Subject: - Regarding issue of NOC for setting up lift at Shimla.

Sir,

This is as per approval conveyed vide the Addl. Chief Secretary ((PW) to the Govt. of Himachal Pradesh letter No. PWB (B) G (6)1/2016-840 dated 06/08/2016 as received in this office from the Superintending Engineer, 4<sup>th</sup> Circle, HP. PWD, Shimla-3 vide endorsement No. SE-IV-R-NOC/2016-9058 dated 08/08/2016 & further Corrigendum vide Superintending Engineer, 4<sup>th</sup> Circle, office letter No. SE-IV-R-NOC/2016-9322 dated 11/08/2016.

Keeping in view the public interest and reasons for construction of lift as explained by your good self, this office has no objection if that portion of land in Kh. No. 55 & 65 in possession of Sarvajanik Nirman Vibhag as recorded in revenue record which only is required for installation of lift at Cart road Shimla-1 is transferred in the name of Tourism Department.

Executive Engineer,  
Shimla Division No-1,  
HPPWD, Shimla-3.

Copy to the Superintending Engineer, 4th Circle, HPPWD, Shimla-3, w.r. to his office letter mentioned as above for information please.

Copy to Assistant Engineer, Shimla Sub Division No-1, HPPWD, Shimla-3 for information.

Executive Engineer,  
Shimla Division No-1,  
HPPWD, Shimla-3.



**Appendix 7: Environmental Testing results**

Concentration of Air Pollutants Monitored at Bus Stand, Shimla												
				SO <sub>2</sub> µg/m <sup>3</sup>			NO <sub>x</sub> µg/m <sup>3</sup>			RSPM µg/m <sup>3</sup>		
	City	Station	Period	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	Shimla	Bus Stand (R)	January 2018	2.0	9.2	2.0	11.9	36.1	24.7	20.2	93.3	50.3
2	Shimla	Bus Stand (R)	February 2018	2.0	11.2	2.0	12.3	36.6	26.4	22.7	93.2	55.3
3	Shimla	Bus Stand (R)	March 2018	2.0	12.1	2.0	2.2	36.6	25.0	20.8	89.0	53.8
4	Shimla	Bus Stand (R)	April 2018	2.0	11.7	4.4	13.3	41.4	25.6	16.0	155.0	65.4


Month	SO <sub>x</sub> in µg/m <sup>3</sup>		NO <sub>x</sub> in µg/m <sup>3</sup>		RSPM in µg/m <sup>3</sup>	
	A.M	Annual Standard	A.M	Annual Standard	A.M	Annual Standard
Apr-15	2.0	50.0	9.3	40.0	43.8	60.0
May-15	2.0	50.0	10.8	40.0	52.4	60.0
Jun-15	2.0	50.0	12.8	40.0	50.0	60.0
Jul-15	2.0	50.0	9.3	40.0	31.2	60.0
Aug-15	2.0	50.0	9.8	40.0	23.0	60.0
Sep-15	2.0	50.0	11.6	40.0	40.8	60.0
Oct-15	2.0	50.0	12.2	40.0	38.8	60.0
Nov-15	2.0	50.0	10.1	40.0	38.1	60.0
Dec-15	2.0	50.0	12.1	40.0	39.1	60.0
Jan-16	2.0	50.0	9.9	40.0	44.8	60.0
Feb-16	2.0	50.0	11.6	40.0	51.6	60.0
Mar-16	2.0	50.0	12.6	40.0	40.6	60.0
Apr-16	2.0	50.0	12.5	40.0	48.6	60.0
May-16	2.0	50.0	11.9	40.0	53.2	60.0
Jan-17	2.0	50.0	12.8	40.0	41.2	60.0
Feb-17	2.0	50.0	15.3	40.0	41.1	60.0

Source: HP Pollution Control Board

### Site Visit Report and Public Consultation

Safeguard Specialist Environment PMC (Sakib N. Qadri) and Safeguards Specialist Social (Dr Basobi Sheel) conducted site visits on 22.12.2018 to following sites, where work has been completed. Public consultation with stakeholders was conducted.

Subproject Name:	1. Rehabilitation of Town Hall, Shimla. 2. Lift at Mall Road Shimla 3. Multilevel car parking with civic amenities at Tutikandi Shimla	Date of visit	22.12.2018
Official met at sites:	1. Ms Poonam FE Contractor, Town Hall Shimla 2. Mr Ram Krishan AE PIU 3. Mr Himanshu JE PIU 4. Mr Kumar Narender Singh CM DSC 5. Mr Parampreet Singh Supervisor Contractor		
Observations:	<b>Town Hall Shimla:</b> 1. Physical work is complete in all respects at Town Hall Shimla in all respects. 2. Handing over of the Town Hall building to line agency is in process. <b>Lift site Shimla</b> 3. Physical work is complete in all respects at Lift site Mall Road. 4. Lift has been handed over to line agency HPTDC on 07.12.2018 and is operational. <b>Tutikandi Car Parking</b> 5. Physical work is complete at Multi-level car parking with civic amenities at Tutikandi Shimla. 6. Site clearance was in progress at the time of the visit.		
Public Consulted	1. Mr Reshi Sharma Local resident Shimla 2. Ms Meenu Sharma Local resident Shimla 3. Ms Nikita Local resident Shimla 4. Mr Kuldeep Kumar Fireman, Fire Station Mall road Shimla 5. Mr Lalit Sharma Fireman, Fire Station Mall road Shimla 6. Mr Sumit Raj Vashisht, Local Artist 7. Mr David Allen Foreign Tourist 8. Mr Mohan Singh Local Restaurant Owner Shimla 9. Mr Kuldip Singh National Tourist 10. Ms Sanjukta Bhadry National Tourist 11. Mr Amba dutt Local resident 12. Mr Kailash Housemen HPTDC 13. Mr Devram Operator HPTDC		

	14. Mr Padam Dev Operator HPTDC	
Key points discussed:	<ul style="list-style-type: none"> <li>Local find renovated Town Hall building as a major tourist attraction particularly in evening time with lighting effects.</li> <li>People suggested that Town hall building must be used in a productive way while ensuring its maintenance.</li> <li>Tourists were observed to be keen to know about the history of the building.</li> <li>Locals suggested that benches and garden in front of Town hall building must be restored for public use.</li> <li>Users at Lift site were upbeat about the operation of newly commissioned lift.</li> <li>People were appreciative about the project with increased carrying capacity.</li> <li>People suggested that the fare/ticket charges for usage of lift should remain constant</li> <li>Operators of lift said revenue has increased with newly commissioned lift.</li> <li>People are happy about completion of construction work of Tutikandi car parking.</li> <li>People at Tutikandi site expressed eagerness about the operation of car parking and allied facilities.</li> </ul>	
Public Consultation pictures		



Public Consultation Record  
 Site visits to Tutikandi, Lift Site &  
 Town Hall Skinned on 22-12-2018

1. Mr Rishi Sharma Ind	<i>Rishi</i>
2. Ms Meenu Sharma	<i>Meenu</i>
3. Mr Nikita	<i>Nikita</i>
4. Mr Kuldeep Kumar Fireman	<i>Kuldeep</i>
5. Mr Lalit Koushik	<i>Lalit</i>
6. Mr Lalit Sharma	<i>Lalit</i>
7. Sumit Raj Vashist	<i>Sumit</i>
8. David Allen, Foreigner Toward	<i>David</i>
9. Mohan Singh, local Resident	<i>Mohan</i>
10. Kuldeep Singh	<i>Kuldeep</i>
11. Sanjukta Bhadury Toward National	<i>Sanjukta</i>
12. Anu Badetti?	<i>Anu</i>
13. Karishma Hameem	<i>Karishma</i>
14. <i>SVTH</i> operator	<i>SVTH</i>
15. Padam Das, operator	<i>Padam</i>



**Annexure 1: Final Monitoring Mechanism decided for the project**

- a) The Department of Tourism (DoT), Government of Himachal Pradesh, is the Executing Agency.
- b) The implementing agency is the Himachal Pradesh Tourism Development Board (HPTDB).
- c) The Project Management Unit (PMU) has been established in Shimla for the overall project management and
- d) Project Implementation Unit (PIU) has been established in Dhaliyara at Distt. Kangra, Shimla and Kullu.
- e) Environmental Specialist has been deputed to the PMU, who will be responsible for implementation of the environmental safeguard provisions. Project Management Consultants (PMC) and Design and Supervision Consultants (DSC) have been recruited to provide assistance to the PMU/PIUs in project implementation.
- f) Within the PMC team, an Environmental Specialist provides overall direction for management of environmental issues, and provides technical support to the PMU including implementation of the environmental safeguards according to ADB requirements, and assist in monitoring impacts and mitigation measures associated with subprojects.
- g) The Environmental Specialist of the DSC team is responsible for preparation of the Environmental assessment documents in line with the EARF and supervises the implementation of the EMP provisions in the subprojects. The DSC Safeguards specialist supports environmental management functions including updating IEEs with respect to sub-project Environmental Management Plans, and assist in monitoring impacts and mitigation measures associated with subprojects. He/she will be required to include mitigation measures in designs where appropriate, and to specify other measures in construction contracts. Contractors will be required by their contracts to implement all specified mitigation, monitoring, and reporting assigned to contractors as presented in the EMP.
- h) The PMU, oversees the implementation of the environmental provisions related to subproject implementation, its responsibilities include preparation and updating of IEEs consistent with the ADBs Safeguards Policy Statement and the environmental compliance requirements of the Government of Himachal Pradesh and the Government of India. Environmental monitoring will be undertaken by the PMU supported by the DSC - Safeguards specialist.
- i) The project includes upfront and on-going supervision and training assistance for environmental monitoring reporting in project management structures. The effective implementation of the measures proposed will be ensured through the building up of capacity towards environmental management within the PMU supplemented with the technical expertise of a Safeguards Specialist as part of the PMC/DSC.
- j) Towards addressing the environmental issues in the project components during design and implementation, the DSC will include provisions for inputs of an Environmental Specialist. In addition to addressing the issues related to environmental management in the project, the Environmental Specialist will play a central role in ensuring capability building on Environmental Management of the PMU/PIU, Contractor and Line Departments.
- k) The sample monitoring plan are as below with responsibility.



Indicators	Parameters	Targets	Frequency	Responsibility	Remedial action
<b>Construction stage</b>					
Ambient Air Quality	PM <sub>10</sub> , PM <sub>2.5</sub> , NO <sub>x</sub> , SO <sub>2</sub> ,	NAAQMS, 2009	Once during construction	Contractor, through approved Monitoring Agency	Stricter implementation of emission norms
Water quality	TDS, pH, Hardness, Faecal coliform, E coli	Designated best use parameters	Once during construction	Contractor, through approved Monitoring Agency	Identify source of contamination & treat effluent before discharge into receiving waters. For continued non-compliance, invoke penalty clauses
Dust suppression	Frequency, timing & location	No dust rising from construction site	Once a week during construction	PIU through DSC	Increase frequency
Machinery noise	dB (A)	<75Db(A) at 1 m free field from M/C	Once during construction	Contractor, through approved Monitoring Agency	Ensure compliance, for continued non-compliance invoke penalty clause
Occupational Health & Safety (OHS) Management Plan	Plan covers all activities	Compliance with applicable labour law	Continuous	Contractor	Identify non-compliance and modify plan
OHS implementation record	Site maintenance, medical facilities, instructions, signage	Compliance with OHS	Continuous	Contractor	In case of continued non-compliance, invoke penalty clauses

**Annexure 2: EMP Compliance Status for the completed/on-going subprojects**

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
1	Naina Devi Destination improvements						
1.1	Circular Road – 1000 m x 3.75 m):	EMP provisions by contractors	✓			Work Completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits (included in <i>Environmental Closure Report</i> submitted with EMR (July to December, 2015)
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
1.2	Car parking and other amenities	EMP provisions by contractors	✓			Work Completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits (Environmental Closure Report attached with EMR (July to December, 2017) and QPR (October to December, 2017)
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring			-		Not required (Calibrations being done)
2	Chintpurni Destination improvements						
2.1	Integrated parking, interpretation Centre, toilets & other visitor amenities	EMP provisions by contractors	✓			Work Completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits (Environmental Closure Report will be submitted in next QPR/ EMR)
		Water Monitoring	✓				-do-

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring			-		Not required (Calibrations being done)
2.2	Rest sheds, toilet facilities and view points along road from TRC to temple at Chintpurni	Part of Contract Package 2.1					
3	Pong dam area subproject proposal						
3.1	Information Centre at Pong Dam	EMP provisions by contractors	✓			Work completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in Environmental Closure Report submitted with EMR (July to December, 2015))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
3.2	Parking and toilet facilities	EMP provisions by contractors	✓			Work completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in Environmental Closure Report submitted with EMR (July to December, 2015))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
3.3	Camping facilities, with provisions for 10 tents, including toilets etc	EMP provisions by contractors	✓			Work completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits.

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
							(included in <i>Environmental Closure Report</i> submitted with EMR (July to December, 2015))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
3.4	Jetty development	EMP provisions by contractors	✓			Work completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> submitted with previous EMR (July to December, 2015))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
3.5	Landscaping and signage	EMP provisions by contractors	✓			Work completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4	Ranser island and Karu island improvement subproject proposal						
4.1	Redevelopment of Forest rest house- Ranser island	EMP provisions by contractors	✓			Work completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017))

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4.2	Jetty development, Ranser and Karu Island	EMP provisions by contractors	✓			Work completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4.3	Treks around the island - 4km	EMP provisions by contractors	✓			Work completed	Inspection reports to be documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in enclosed <i>Environmental Closure Report</i> (January to June, 2017))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4.4	Landscaping, planting along the peripheral trail and directional signage	EMP provisions by contractors	✓			Work completed	Inspection reports to be documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4.5	Watch towers for bird watching in	EMP provisions by contractors	✓			Work completed	Inspection reports to be documented.

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
	Karu island	Ambient Air Monitoring					Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
5	Forest rest houses & camping sites of VFDS subproject proposal						
5.1 A	Camping sites development at Nagrota Suriyan	EMP provisions by contractors	✓			Work Completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017))
		Machinery Noise Monitoring	-	-	-		Not required (calibration being done)
5.1 B	Forest rest house - improvement and camping sites development at Dhameta	EMP provisions by contractors	✓			Work Completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within limit. (included in <i>Environmental Closure Report</i> (July to December, 2015))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
8	Kangra Town subproject proposal						
8.1	Parking for 100 vehicles at Brajeshwari temple, Kangra	EMP provisions by contractors	✓			Work completed	Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (July to December, 2015))
		Ambient Air Monitoring	✓				-do-



Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				Not required
		Machinery Noise Monitoring	-	-	-		Not applicable
<b>9</b>	<b>Shimla subproject proposal</b>						
<b>9.1 A</b>	<b>Shimla Mall Road restoration project</b>	EMP provisions by contractors	✓			<b>Work completed</b>	Contractor is following EMP which is ensured through site visits and Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (July to December, 2018))
		Water Monitoring	-	-	-		NA.
		Ambient Noise Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (July to December, 2018))
		Machinery Noise Monitoring	-	-	-		Not applicable.
<b>9.1 B</b>	<b>Shimla rehabilitation of town hall</b>	EMP provisions by contractors	✓			<b>Work completed</b>	Contractor is following EMP which is verified through site visits and Inspection reports documented. Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (July to December, 2018))
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (July to December, 2018))
		Water Monitoring	-	-	-		NA
		Ambient Noise Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (July to December, 2018))

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
		Machinery Noise Monitoring	-	-	-		NA
10	Tutikandi Multistorey Parking Facility	EMP provisions by contractors	✓			Work completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing being done as per the EC (SEIAA) on fortnightly basis. (included in <i>Environmental Closure Report</i> (July to December, 2018))
		Water Monitoring	✓				Testing being done as per the EC (SEIAA) on fortnightly basis. (included in <i>Environmental Closure Report</i> (July to December, 2018))
		Ambient Noise Monitoring	✓				Testing being done as per the EC (SEIAA) on fortnightly basis. (included in <i>Environmental Closure Report</i> (July to December, 2018))
		Machinery Noise Monitoring	-	-	-		Not required (Calibrations being done)

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