

# AD Hydro Power Limited

## Environment and Social Commitments Register

### Status as on January 31, 2008

#### Status Summary of Issues / sub issues

- Total : 33/143
- CLOSED : 11/51
- ONGOING : 22/92

(January 31, 2008 updates are mentioned in Green Colour font)

Issue Number	Issue	Commitment (paraphrased from ESIA Addendum for clarity and brevity purposes)	Responsible Parties	Status, Actions & Timetable
1)	Public Consultation and Disclosure Plan	Will disseminate project documents in both Hindi and English.	AD Hydro	<b>STATUS: CLOSED</b> <ul style="list-style-type: none"> <li>➤ ESIA reports prepared by RITES are available in the company's office at Prini. Draft ESIA's prepared by M/s ERM are available in the company's office as well as on the URL of IFC, Washington.</li> <li>➤ Both FAQs and the non-technical executive summary were distributed in Hindi &amp; English during multiple public disclosure events.</li> </ul>
		Will hold focus group and public meetings facilitated by independent specialists.	AD Hydro	<b>STATUS: CLOSED</b> <ul style="list-style-type: none"> <li>➤ Public disclosure events were organized by the independent specialist as described in ESIA addendum 4.2.</li> <li>➤ Public consultation and disclosure meetings were organized by company with the help of Experts from ERM before start of construction activities of Project.</li> </ul>
		Will set up Social Management Unit/Cell at the project office to implement the various plans.	AD Hydro	<b>STATUS: CLOSED</b> <ul style="list-style-type: none"> <li>➤ Fully fledged Environment, Health, Safety &amp; Social department has been set-up headed by Asst. General Manager. The Dept. comprises of 12 qualified professionals and members of affected villages.</li> </ul>

2)	Acquisition of private land and Rehabilitation Action Plan (RAP)	Company will deposit land compensation packages with the local Land Acquisition Officer, as directed by the Himachal Pradesh State Govt., who will then disburse these packages to affected landowners.	AD Hydro, Local Land Acquisition Officer	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) reports that company acquired 11 ha. of private land and that the average negotiated purchase rate paid to owners was Rs. 2.1 million per hectare (3-4 times higher than average market rate in Prini and Jagatsukh villages).</li> </ul>
		In accordance with RAP provision, the company will provide a project-affected people's transitional allowance at Rs. 2000 per month for one year.	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ There is no R&amp;R involved as no land owner is becoming landless or homeless due to the acquisition of land by the project.</li> <li>➤ However, the company has already given its consent to the Draft R&amp;R Plan received from the Dept. of MPP &amp; Power, and the Govt. of H.P.</li> <li>➤ The company undertakes to implement the approved R&amp;R Plan as and when received from the Govt. of H.P. in letter and spirit.</li> </ul>
		Families losing more than 75% of their land after acquisition will be provided an option of cash compensation or an alternative land equivalent in size, value, and quality to what they are losing. The company will seek the assistance of the revenue department of the Himachal Pradesh State Govt. for this purpose.	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ ESIA Addendum, Table 3.2, Key Issue #29 reports that land for land compensation has been offered, but the affected villagers have rejected the option and have instead accepted cash compensation.</li> <li>➤ Final ESIA, being prepared by M/s ERM and to be completed by first week of January, 2008 will include a complete and final list of all land and cash compensation paid. The final ESIA will be made available to interested parties at the locations listed in (1) above. A copy also will be provided to IFC.</li> </ul>
		In accordance with RAP provision, the company will build capacity for income generation.	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ At the request of local village women, ADHPL organised a training programme for manufacturing of Soap &amp; Detergents. Attendance was poor and there did not seem to be significant interest in a follow up session.</li> <li>➤ Villagers are receiving ONGOING benefits by opening shops, taking contracts in the project etc.</li> </ul>

		In accordance with RAP provision, the company will implement a community development program using a participatory approach.	AD Hydro	<p><b>STATUS: ONGOING</b></p> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) reports that the community development program is being developed in consultation with the Deputy Commissioner Kullu and Jagatsukh Panchayat.</li> <li>➤ AD Hydro memo (Dec 09, 2006) also reports that the company has constructed/provided the following: <ul style="list-style-type: none"> <li>(1) Sarai for Jamdagani temple in Prini.</li> <li>(2) Kitchen at Shawarni temple Shuru.</li> <li>(3) Building renovations and furniture for Mahila Mandal in Prini (Women's group).</li> <li>(4) Store building for Jamdagani temple in Prini.</li> <li>(5) Two stone garbage bins near Phali bridge</li> <li>(6) Donation for Prini village development (150,000 Rs.)</li> <li>(7) Path from Jagatsukh to Bhanara Village.</li> <li>(8) Street lighting</li> <li>(9) Grants have been provided to 20 places of worship, at a total cost of Rs221,100.</li> </ul> </li> </ul> <p><b>FUTURE ACTIONS PLANNED &amp; TIMETABLE:</b></p> <ul style="list-style-type: none"> <li>➤ ADHPL is committed for the protection of religious sentiments / beliefs of the villagers in the vicinity. Grants for supporting these causes are being released from time to time wherever deemed necessary.</li> </ul>
		In accordance with RAP provision, the company will establish a Monitoring & Evaluation Cell for monitoring of RAP.	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ There is no displacement of families resulting from project activities. However, a social team has been established for monitoring and Evaluation of Rehabilitation Action Plan (RAP). ADHPL is also committed for the implementation of R&amp;R Policy of H.P. Govt.</li> </ul>
		Company will provide "rehabilitation assistance including skill development family members above 18 yrs have been considered as a separate unit."	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ Youths from the villages have been directly employed by ADHPL or through its Contractors. Overall 85 % of all ADHPL employees are Himachalis.</li> <li>➤ In addition to employment, more than 3000 contracts valued at approximately Rs. 70 Crores have been awarded to local contractors, suppliers, vehicles &amp; equipment owners, etc.</li> <li>➤ Many eligible candidates have also been posted on</li> </ul>

				company's payrolls as teachers/clerks in nearby schools and offices.
		The company will provide a budget of Rs 50.1 Lakh for RAP.	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ There is no R&amp;R involved as no land owner is becoming landless or homeless due to the acquisition of land by the project.</li> <li>➤ Budget for RAP has already been allocated and ADHPL is committed to assist the rehabilitation of the villagers, in case we will get any direction from Government of Himachal Pradesh.</li> </ul> <p><b>FUTURE ACTIONS PLANNED &amp; TIMETABLE:</b> No further acquisition of land is required, therefore no R&amp;R is expected in future.</p>
		All monitoring under the Environmental & Social Management & Monitoring Plan will be participatory and will include representatives of the affected villages.	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ Full fledged Environmental &amp; Social team is established headed by Asst. General Manager. As noted, the team comprises of 12 qualified professionals and members of affected villages.</li> </ul>
3)	Availability of previous ESIA reports	Copies of previous ESIA reports prepared by RITES in 1996 and updated by the company in 2001 are available at the project office in Prini.	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ ESIA reports prepared by RITES are available in the company's office at Prini.</li> <li>➤ Draft ESIA's prepared by ERM are also available in the company's office as well as on the URL of IFC, Washington.</li> </ul>
4)	Impact Assessment of 185 km Transmission Line from switchyard at Prini to Nalagarh	After finalization of pooling point by Power Grid Corporation of India, a detailed ESIA shall be carried out.	AD Hydro	<p><b>STATUS: ONGOING</b></p> <ul style="list-style-type: none"> <li>➤ Impact assessment of Transmission line is in progress. Details are available in Head Office.</li> </ul>
5)	Financial Responsibilities to Local Govts. and	The company will make payments for works within the state of Himachal Pradesh and deposit the tax deducted at	AD Hydro	<p><b>STATUS: ONGOING</b> Tax deducted at source for the payments made for all the project works and other community developmental works is being deposited with the corresponding office of Income Tax Department, Govt. of India.</p>

	Individuals	source with the Income Tax Dept. Offices located in Himachal Pradesh.		<b>FUTURE ACTIONS PLANNED &amp; TIMETABLE:</b> <ul style="list-style-type: none"> <li>➤ Maintain current procedures</li> </ul>
		The company will be fully responsible for any damage or loss arising out of the construction, operation, or maintenance of the project to any property or person. <sup>a</sup>	AD Hydro	<b>STATUS: ONGOING</b> <ul style="list-style-type: none"> <li>➤ Any loss or damage to property or person arising due to project activities is regularly compensated immediately after such case appears. ADHPL maintains a registry of these losses and damages, as well as compensation paid.</li> <li>➤ <b>No Compensation paid in the month of January 2008. (Update January 31, 2008).</b></li> </ul> <b>FUTURE ACTIONS PLANNED &amp; TIMETABLE:</b> <ul style="list-style-type: none"> <li>➤ Maintain current procedures and registry.</li> </ul>
6)	Drinking & Irrigation Water	There will be no disturbance to the Dhani drinking water source. <sup>b</sup>	AD Hydro	<b>STATUS: CLOSED</b> <ul style="list-style-type: none"> <li>➤ Dhani water source has not been disturbed by project activities.</li> <li>➤ Road construction is complete at this location; hence no further chance of disturbance.</li> </ul>
		Impacts to the Dhani source will be monitored jointly with the community. <sup>k</sup>	AD Hydro and Dhani Community	<b>STATUS: CLOSED</b> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) reports contract awarded to one project-affected person along with the ADHPL staff for monitoring stream discharge.</li> </ul>
		There will be no disturbance to the Pahali drinking water source. <sup>k</sup>	AD Hydro	<b>STATUS: CLOSED</b> <ul style="list-style-type: none"> <li>➤ Phali Drinking water source is a part of Water Supply Scheme (WSS) to Villager Prini.</li> <li>➤ As a strengthening measure for this WSS Company has protected the water storage tanks.</li> </ul>
		Impacts to the Pahali source will be monitored jointly with the community. <sup>k</sup>	AD Hydro and Pahali Community	<b>STATUS: CLOSED</b> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) reports contract awarded to one project-affected person along with the ADHPL staff for monitoring stream discharge. Phali source is far away and totally untouched by the project activities and very difficult to</li> </ul>

				access. However, we are monitoring the storage tanks of this supply scheme in coordination with local villagers and Irrigation & Public Health Department, Govt. of H.P.
		There will be no disturbance to the Chor Pani drinking water source. <sup>k</sup>	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) reports water source not disturbed and that source has been enclosed and protected from storm runoff, with expenses amounting Rs. 1 million approximately.</li> </ul>
		Impacts to the Chor Pani source will be monitored jointly with the community. <sup>k</sup>	AD Hydro and Chor Pani Community	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) reports contract awarded to one project-affected person along with the ADHPL staff for monitoring stream discharge. Chor Pani water source is a part of Water Supply Scheme to Village Jagatsukh provided maintained by Irrigation &amp; Public Health (IPH) Department, Government of H.P.</li> <li>➤ IPH itself is directly monitoring the running, maintenance and effectiveness of this scheme. IPH has not authorized others to interfere with any components of the scheme. ADHPL has deposited Rs. 19.00 Lakhs for IPH Department, Government of Himachal Pradesh for improvement the quality of drinking water.</li> </ul>
		There will be no disturbance to the Jamlu Devta drinking water source. <sup>k</sup>	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ Jamlu Deveta water source is not being disturbed due to the project activities.</li> </ul>
		Impacts to the Jamlu Devta source will be monitored jointly with the community. <sup>k</sup>	AD Hydro and Jamlu Devta Community	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) reports contract awarded to one project-affected person along with the ADHPL Staff for monitoring stream discharge.</li> <li>➤</li> </ul>
		There will be no disturbance to any of the existing irrigation water sources in Prini. <sup>c</sup>	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) reports temporary restoration of Irrigation Water Channel (Kuhl) and the construction of this channel towards Chanala village and Jagatsukh village (all in Jagatsukh). Memo also reports the following: construction of an irrigation water channel on the left and right banks of the Duhangan river has begun. The</li> </ul>

				<p>left bank's irrigation channel, which runs to Jagatsukh and Gojra, and the right bank's irrigation channel for Village Jagatsukh and Chhanala have been made functional. To compensate for this, the company has installed a pumping station near Jagatsukh bridge to pump water from the river into the existing Jagatsukh irrigation system.</p> <p>➤ <b>UPDATE SINCE MAY MEETINGS:</b> Irrigation water channels on both the banks of Duhangan river have been constructed by ADHPL and in operation currently.</p>
		In the event of any disturbance to drinking water sources the company will provide sufficient water of potable quality to cover the gap to the affected community. <sup>k</sup>	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ ADHPL is committed to provide safe drinking water to all concerned including affected villagers.</li> <li>➤ ADHPL will provide sufficient water of potable quality in response to any disturbance in supply.</li> <li>➤ To avoid interruptions, the company has provided Rs. 48 Lakhs to the Irrigation &amp; Public Health Department, Government of Himachal Pradesh to support the strengthening of water supply security.</li> </ul>
		In the event of any disturbance to the quality or quantity of surface and/or groundwater, the company will respect the riparian rights of users and compensate accordingly. <sup>d</sup>	AD Hydro	<p><b>STATUS: ONGOING</b></p> <ul style="list-style-type: none"> <li>➤ ADHPL agrees to compensate users in the event of any disturbance to the quality or quantity of surface/groundwater.</li> </ul> <p><b>FUTURE ACTIONS PLANNED:</b></p> <ul style="list-style-type: none"> <li>➤ Respond to incidents as and when arises.</li> </ul>
		The company will install mechanical and electronic flow measuring devices to monitor flow of water for downstream users. <sup>k</sup>	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ Flow is regularly being measured and recorded for the Allain, Duhangan &amp; Kala Streams.</li> <li>➤ Measuring activity will be continued after the commissioning the project to monitor the flow the water available to the downstream users.</li> </ul>
		Town & Country Planning Dept. letter dated 17 June 2002 has confirmed a water requirement of 100 LPS (litres per second) for Allain & Duhangan streams.	AD Hydro	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) states that a committee being headed by Deputy Commissioner, Kullu, constituted by Hon'ble High Court of Himachal Pradesh, reports that an adequate water supply for Jagatsukh Panchayat is being</li> </ul>

		Company has agreed to ensure that the project releases a minimum discharge of 150 LPS from the Duhangan barrage, if necessary, even at the cost of generation. In addition, the downstream tributaries of Duhangan add a minimum of 360 LPS of water, making a minimum water to be available downstream to be 510 LPS. <sup>k</sup>		provided.
7)	Forest	Compensatory afforestation as approved by Govt. of India (GOI) will be carried out. <sup>e</sup> Company will deposit money for compensatory afforestation with the Govt. of Himachal Pradesh for 64.334 ha of degraded forest land. <sup>f</sup>	AD Hydro	<b>STATUS: CLOSED</b> According to ESIA Addendum, Annex IV, Ans. 24, company had paid Rs. 29,50,722 to Govt. of Himachal Pradesh for compensatory afforestation as of that date. AD Hydro memo (Dec 09, 2006) reports that, to date, the company has deposited 0.42 Rs. Crores to Himachal Pradesh State Forest Authorities for compensatory afforestation of 75 ha. and another Rs. 0.13 Crores for fencing.
		Catchment Area Treatment (CAT) Plan, as approved by the MoEF GOI and the State Forest Dept., along with detailed budget, will be developed. <sup>n</sup>	AD Hydro	<b>STATUS: CLOSED</b> ADHPL has already deposited Rs. 61.57 million with H.P. Forest Department towards CAT plan vide letter no. ADHPL/ENV/DFO/2004-05/325 dated 29 December 2004
		GOI has approved diversion of 32.167 ha of forestland for the project. <sup>g</sup>		<b>STATUS: CLOSED</b> AD Hydro memo (Dec 09, 2006) reports that to date, 37.629 ha. of forest has been diverted for project works, and an application has been made for the diversion of another 9.55 ha.
		1352 trees have been enumerated for felling for the project. <sup>h</sup>		<b>STATUS: CLOSED</b> A proposal was submitted to MoEF and clearance was obtained in 2005 vide which permission for clearing of 1370 trees was granted. However, out of 1370 only 1232 trees felled and the company was able to avoid felling of 138 trees of which additional expense was incurred by way of diverting the road alignment etc.



		Only the Mohru trees that have been approved and have been marked for felling by the Himachal Pradesh State Forest Dept. will be removed. <sup>i</sup>		<b>STATUS: CLOSED</b> Mohru trees were felled only which were marked and approved by Himachal Pradesh State Forest Department.
		Company will pay compensation against loss of environmental value (loss of trees) at the market rate to the Himachal Pradesh State Govt. <sup>o, j</sup>	AD Hydro	<b>STATUS: CLOSED</b> ESIA Addendum, Annex IV, Ans. 24 reports that company had paid Rs. 2,57,33,600 to State Govt. AD Hydro memo (Dec 09, 2006) reports that, to date, the company has deposited the following sums (in Rs. Crores) with the State Forest Authorities: (1) 5.29 for cost of trees for felling, (2) 2.57 for loss of environmental value of 32.167 ha., (3) 0.89 for net present value, and (4) 2.14 for compensation for additional trees.
		Provision of an estimated Budget of Rs 39.8 million for CAT plan covering cost of afforestation of 800 ha, pastureland development of 200 ha, engineering measures like check dams, spurs etc. and their maintenance. The funds will be provided in a phased manner over seven years. <sup>n</sup>	AD Hydro	<b>STATUS: CLOSED</b> AD Hydro memo (Dec 09, 2006) reports that company has deposited, to date, 6.16 Rs. Crores with Himachal Pradesh State Forest Authorities for the CAT plan.
		The company will carry out tree felling on the basis of GOI's approval. The tree felling will be done by the Himachal Pradesh State Forest Dept. <sup>n</sup>	AD Hydro and GOHP Forest Dept.	<b>STATUS: CLOSED</b> Trees approved by Govt. of India, had already been felled by the H.P. State Forest Corporation only.
		Joint Monitoring Committees will be constituted by the Govt. for ensuring implementation of CAT plan and compensatory afforestation program. <sup>n</sup>	AD Hydro and GOHP and Communities	<b>STATUS: CLOSED</b> ADHPL has already deposited Rs. 6.15 Crores for CAT plant to the Forest Department. We are requesting H. P. Forest Department, Government of Himachal Pradesh for the status of implementation of CAT Plan. A response in this regard is still awaited from HP Forest Department.
		The company will request the Govt. to include a provision for local participation in the monitoring of the felling and	AD Hydro and Govt.	<b>STATUS: CLOSED</b> ADHPL has requested to the Govt. for local participation in the monitoring of the felling and compensatory afforestation programme.

		compensatory afforestation program. <sup>n</sup>		
		As a part of the company's community development support, local afforestation activities will develop their own nurseries and carry out plantation in agreed areas. <sup>n</sup>	AD Hydro and Communities	<b>STATUS: CLOSED</b> The nurseries are to be developed by the H.P. Forest Department. However ADHPL is in process to encourage the local community for the same.
8)	Fuel wood for force	Labour contracts will contain conditions to ensure that illegal felling is not done by the contract labour. <sup>k</sup>	AD Hydro and subcontractors	<b>STATUS: ONGOING</b> Illegal felling is not allowed in any case and such conditions are also a mandatory part of all the work orders issued by ADHPL for any work in the project or in the vicinity. ADHPL's EHS team monitors labour camps weekly to ensure compliance with these contract provisions.
		Provisions for use of kerosene oil or LPG as the primary fuel by the labour. This will be the contractor's responsibility and included in the Contract. <sup>t</sup>	AD Hydro and subcontractors	<b>STATUS: ONGOING</b> As per condition imposed by ADHPL all the concerned contractors are providing free fuel to their worker. For the same ADHPL has taken the permission from HP Forest Corporation for 300 MT fuel wood. Sample copy of Fuel Wood release orders were attached in last report.
		Use of fuel wood as secondary option. This will be sourced from the Himachal Pradesh State Forest Dept. and records of procurement and distribution for use, will be maintained by the contractor. <sup>t</sup>	AD Hydro and subcontractors	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that the project is providing free fuel wood to the labourers and that 3 fuel wood depots have been opened at Hamta Potato Farm, Pandu Ropa on Allain Side and Khanoon on Duhangan side. More than 4.0 MT of fuel wood has been procured for this use during the past year. In view of preparedness plan for winters and to save forest resources, we have purchased another 100 quintals of fuel wood from H. P. Forest Corporation in the month of December 2007 and will be distributed among workers through out the project. <b>(Update December 31, 2007).</b>
		All contractors will be bound through contractual provisions to observe environmental, health and safety regulations of the company, including compliance with	AD Hydro and subcontractors	<b>STATUS: ONGOING</b> Contractual provisions have already been made since beginning. However, we are taking monthly compliance status in a checklist form from all the contractors.

		conditions regarding no-illegal felling of trees for meeting fuel wood requirements. Violations of these regulations will result in fines and/or cancellation of contracts.		
9)	Access to and impact on pastureland	The company will deposit Rs. 19,000,000 with the State Govt. for pasture development in Sathan, Pahali Nallah, Hamta Garh, Tangra/Chikka Springs, and upstream of storage reservoir to be distributed over seven years, as outlined in CAT. <sup>l</sup>	AD Hydro and Himachal Pradesh State Govt.	<b>STATUS: ONGOING</b> The amount has been deposited by the company with the H.P. Forest Department to develop the pasture in Sethen, Pahali Nalla, Hamta Garh, Tangra/Chikka Spring and upstream of reservoir. However, ADHPL is conducting an activity for pasture land development and plantation.
		The company will ensure that access to pasture land is maintained through the construction and later during the operation phase of the project. <sup>m</sup>	AD Hydro	<b>STATUS: ONGOING</b> We have requested H.P. Forest Department to inform the status of implementation of CAT plan.
		Any footpath damaged during the construction of the roads will be repaired.	AD Hydro	<b>STATUS: CLOSED</b> AD Hydro memo (Dec 09, 2006) reports that company has constructed a foot path from Phali bridge to Jamdagani temple in Prini, a paved footpath from ADHPL Barrier to village Prini, a foot bridge near ADIT I, and repaired the road and village path in Shuru. Report also states that company has constructed drains along Shuru path as well as soling/PCC and drainage along Prini paths.
		Appropriate steps will be provided in the retaining wall structures to facilitate movement of people and livestock to the pastures.	AD Hydro	<b>STATUS: CLOSED</b> Stair cases on the retaining walls have been provided at various locations proposed by villagers and pathways have been provided in consultation with villagers.
		Ramps will be provided where necessary (temporary or permanent) with slopes appropriate for animal movement.	AD Hydro	<b>STATUS: CLOSED</b> Stair cases on the retaining walls have been provided at various locations proposed by villagers and pathways have been provided in consultation with villagers.
		Realigning road where feasible.	AD Hydro	<b>STATUS: CLOSED</b> Roads have been realigned wherever possible to save some

				trees from felling.
		Enhance existing degraded pasturelands by restoring degraded areas in consultation with the community. <sup>v</sup>	AD Hydro	<b>STATUS: ONGOING</b> Afforestation is being carried out to restoring the degraded areas in consultation with the community.
		Develop 30 ha. of pasture in Sathan, as identified in the CAT plan with the help of State Forest Dept. <sup>u</sup>	AD Hydro and State Forest Dept.	<b>STATUS: ONGOING</b> We have requested H.P. Forest Department to inform the status of implementation of CAT plan vide our letter no. ADHPL/HPFD/CAT/2006-07/9595 dated September 1, 2006.
		Develop 20 ha. of pasture in Pahali Nallah, as identified in the CAT plan with the help of State Forest Dept. <sup>u</sup>	AD Hydro and State Forest Dept.	
		Develop 30 ha. of pasture in Hamta Garh, as identified in the CAT plan with the help of State Forest Dept. <sup>u</sup>	AD Hydro and State Forest Dept.	
		Develop 30 ha. of pasture in Tangra/Chikka Springs, as identified in the CAT plan with the help of State Forest Dept. <sup>u</sup>	AD Hydro and State Forest Dept.	
		Develop 90 ha. of pasture upstream of reservoir, as identified in the CAT plan with the help of State Forest Dept. <sup>u</sup>	AD Hydro and State Forest Dept.	
10)	Muck Disposal	Muck will not flow during rains because catchment and toe drains will carry excess water to natural streams. <sup>n</sup>	AD Hydro	<b>STATUS: ONGOING</b> All the muck is being disposed in the designated and approved muck disposal areas. These areas have been provided with proper retaining structures with RCC toe walls. Relevant photographs were attached as annexure in commitment register dated August 1, 2007.
		Muck from the Allain and Duhangan Head Race Tunnels will be disposed in muck Disposal Site. No. 1 near Hamta. <sup>o</sup>	AD Hydro	<b>STATUS: ONGOING</b> All the muck is being disposed in the designated and approved muck disposal areas. These areas have been provided with proper retaining structures with RCC toe walls.
		Reuse of minimum 30% of muck, disposal as per Muck Disposal	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports reusing more than 35%

		Plan, proper staking and compaction of muck and spoil, afforestation and landscaping of filled muck sites. <sup>p</sup>		of muck.
		Temporary muck dumping site to be provided with adequate safeguards - location compatibility with topography, retaining wall of suitable material with adequate weepholes. <sup>y</sup>	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports establishment of muck disposal sites to prevent the spilling of muck.
11)	Impact on wildlife habitat and flora	World Pheasant Association (WPA), will carry out three seasons monitoring to establish baseline for terrestrial flora and fauna studies. <sup>q</sup>	AD Hydro and WPA	<b>STATUS: ONGOING</b> Baseline data for terrestrial flora and fauna has been collected by ERM consultant and mentioned in draft ESIA report.
		Maintenance of minimal light to avoid disturbance to night animals/birds, if any, and for safe and secured project operations. <sup>z</sup>	AD Hydro	<b>STATUS: ONGOING</b> Minimal light is maintained in the night at all possible areas. Therefore, road lights have not been installed on the road to Allain barrage and to Duhangan weir site. However, for safe movement of traffic in the nights, fluorescents stickers on the roadside railings and delineators have been fixed.
		The contractors and their employees will be bound through contractual provisions to observe environmental, health and safety regulations of the company, and those who hunt or gather and otherwise disturb wildlife and vegetation in the project area will be fined heavily leading to cancellation of contracts. <sup>z</sup>	AD Hydro and subcontractors	<b>STATUS: ONGOING</b> All the contractors are bound with the contractual conditions to follow the guidelines of Environment, Health, Social and Safety provided by ADHPL. A monthly return is sought from the contractors in the form of checklist.

12)	Impact on fisheries	It is already recommended that minimum flows shall be maintained downstream of diversion structures for sustenance of any aquatic ecology downstream. <sup>r</sup>	AD Hydro	<b>STATUS: ONGOING</b> As per State Government notification no. PC-F(2)-1/2005 dated Shimla-2, 9-9-2005 and thereafter our commitment, 15% of the lean season flow will be maintained by the project to fulfil the requirement of downstream.
		A Fisheries Monitoring Plan will also be implemented during the construction and operation phases. <sup>aa</sup>	AD Hydro	<b>STATUS: ONGOING</b> We are in contact with H. P. Fisheries Department regarding its management plan to be followed by ADHPL. The same shall be implemented as and when it is finalized.
		Although no fish were found in fish catch attempts in Allain and Duhangan streams, a 12 month aquatic/riverine biodiversity study will be carried out by the Foundation for Ecological Security (FES). <sup>aa</sup>	AD Hydro and FES	<b>STATUS: ONGOING</b> Our consultant ERM has conducted a study through Foundation for Ecological Security (FES), Dehradun. Outcome of this study shall be incorporated in the ESIA by ERM and the recommendations will be implemented.
		The company will implement the recommendations of FES. <sup>aa</sup>	AD Hydro	<b>STATUS: ONGOING</b> Our consultant ERM has conducted a study through Foundation for Ecological Security (FES), Dehradun. Outcome of this study shall be incorporated in the ESIA by ERM and the recommendations will be implemented.
13)	Potential "shrinkage" of glaciers not considered	"The likely emissions of green house gases from the project is limited to construction phase that too during power interruption from the state electricity supply when diesel generators are run to meet construction power requirement. The operation phase of the project will actually result in saving fossil fuel emissions due to combustion of over 40 tonnes	AD Hydro	<b>STATUS: ONGOING</b> A remote sensing study for the Catchments of Allain & Duhangan streams has been awarded to State Council for Science, Technology & Development, Govt. of H.P. Final copy of the report is expected by the end of September 2007.

		per hour of fuel oil equivalent to generate 192 MWh of power. Thus the proposed hydropower project does not have global warming concerns. Further, the diversion structures at Allain and Duhangan streams are at a much lower elevation than the glaciers.		
14)	Women's safety and security	The company will fund a police station to be set up at village Prini.	AD Hydro	<b>STATUS: CLOSED</b> As already planned and committed a Police Station has been made functional.
		Company will provide security staff at all project component sites. Security Staff will have instructions to ensure women's safety.	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that around 100 security guards have been deployed in the project area.
		Provision of security will also be considered at additional locations if requested by the villagers.	AD Hydro	<b>STATUS: ONGOING</b> ADHPL has provided the sufficient security guards where ever is required. Company is also committed to provide the security to the additional locations if requested by villagers.
		Separate colony for labour force with segregated facilities and regular checks to monitor the same.	AD Hydro	<b>STATUS: ONGOING</b> Separate labour camps have been established with all basic facilities. All the facilities are being monitored by the social cell as per schedule prepared by ADHPL based on the guidelines by IFC.
		The Govt. will be requested to depute women police staff at the Prini Police station to register local complaints related to women. It is suggested that the GRC will liaise with the Police Station to monitor complaints relating to women's security in particular.	AD Hydro and GOI and local police	<b>STATUS: CLOSED</b> Women police staff will be requested once the police station becomes operational. A police check post has been made operational with women police staff.
		All contractors will be bound through contractual provisions to observe environmental, health	AD Hydro and subcontractors	<b>STATUS: ONGOING</b> All the contractors are bound with the contractual conditions to follow the guidelines of Environment, Health, Social and Safety

		and safety regulations of the company, including compliance with local security requirements. Violations of these regulations will result in fines and/or cancellation of contracts. <sup>cc</sup>		provided by ADHPL. A monthly return is sought from the contractors in the form of checklist. Sample checklist was attached as annexure in Commitment Register dated August 1, 2007.
15)	Influx of labour force in the area	In Prini, the company will give contractors direction to prevent their labourers from entering villages unnecessarily. <sup>s</sup>	AD Hydro and contractors	<b>STATUS: ONGOING</b> This system is already in practice.
		The Construction Labour Management Plan will address laborers' accommodations, laborers' fuel use, and health management issues. <sup>t</sup>	AD Hydro	<b>STATUS: ONGOING</b> Separate labour camps have been established with all basic facilities. All the facilities are being monitored by the social cell as per schedule prepared by ADHPL based on the guidelines by IFC.
		Labor camps will be set up catering to all migrant labor force. This should be located at a suitable distance from the nearest settlement. This clause will be included in the contract. <sup>ee</sup>	AD Hydro and subcontractors	<b>STATUS: ONGOING</b> Separate labour camps have been established with all basic facilities. All the facilities are being monitored by the social cell as per schedule prepared by ADHPL based on the guidelines by IFC.
		The contractors will be required to provide civic amenities for construction labor including toilets and sewage collection systems. <sup>ee</sup>	AD Hydro and subcontractors	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that the workers' colony is regularly inspected to check the drinking water quality and the hygienic conditions.
16)	Solid waste disposal	Identification of all solid waste generation sources. All bio-degradable including kitchen waste to be put into humus pit.	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that garbage is being collected in the project area for vector control. Collected garbage is transferred to Municipal Corporation's treatment facility at Nagar Panchayat. Installation of an incinerator in the project area is in progress.  <b>Incinerator has been installed on July 1, 2007 and functioning effectively.</b> <b>All the garbage collected from the project area is being incinerated every day.</b>
		Construction of toilet facilities and	AD Hydro	<b>STATUS: ONGOING</b>



		sewage collection & treatment systems for labor camps. <sup>ff</sup>		<p>Toilet facilities with sewage treatment system are available with all the labour camps in the project area. Regular scheduled inspection is carried out by the social team of the project.</p> <p><b>Installation of Sewage Treatment Plant is under process. This will be commissioned along with the Residential colony for ADHPL Staffs.</b></p> <p><b>STP has been erected. Final commissioning will be carried out with start of residential colony.</b></p>
		Provision of toilets at all construction sites. <sup>ff</sup>	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>All the construction sites have the toilet facility available. These toilets have been provided with Septic Tanks for sewage generated from these facilities.</p>
		Development of codes of practice for safety and disposal of muck and solid waste prior to taking up construction activities.	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>This is the basic policy of the company to keep the area neat and clean. Codes of Ethics are already in place.</p> <p><b>A notice regarding garbage management has been circulated to all concerned.</b></p> <p><b>Work orders have been issued to local persons for collection of garbage from Project area and Prini Village.</b></p>
17)	Waste water treatment	Provision of treatment plants for wastewater (from camp, colony and workshop).	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>AD Hydro memo (Dec 09, 2006) reports that workers colonies' sewage is diverted into septic tanks and soak pits.</p> <p><b>STP has been erected. Final commissioning will be carried out with start of residential colony. All the treated water will be used for green belt development and spraying on roads for dust suppression in the project area.</b></p>
		Provision of sewage treatment plant for domestic wastewater, controlled discharge of flushing from desilting chambers.	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>STP has been erected. Final commissioning will be carried out with start of residential colony. All the treated water will be used for green belt development and spraying on roads for dust suppression in the project area.</p> <p>STP consists of Bar Screen Chamber, Raw water tank, Electro-cell, Activated Charcoal filter, Filter Press and treated water</p>

				<p>tank.</p> <p>Raw water tank is proposed to be flushed once in six months and flushing silt / sludge will be treated in filter press and dried cakes will be used as manure for gardening purposes.</p> <p>The desilting regime at the Allain &amp; Duhangan diversion structures will be as follows,</p> <p><b>Allain Barrage:</b></p> <p>The Allain Barrage is designed in such a manner that during monsoon the spillway gates will remain open through out the period. However, depending upon the silt load in the river one out of four desilting chamber will be operated one a week during the period of June to September. Meaning that there will be four flushing in a month for the entire desilting system. Thus there will be no concentrated flushing of silt.</p> <p>During winters, the remaining part of year i.e. Oct to May the desilting chambers will be operated once in a month. This would also depend upon the silt load of the river during this period.</p> <p><b>Duhangan Weir Sit:</b></p> <p>Since there is no storage of water a Duhangan weir site, during monsoon, i.e. between June to September, all the surplus water will continue to overflow the structure and the desilting valve will also be kept open.</p> <p>During the remaining part of year, desilting system is designed to be opened once a month, depending on the silt load in the river.</p>
		Regular participatory monitoring of treated water before it is discharged into disposal outlet.	AD Hydro	<b>STATUS: ONGOING</b> Treated water will be tested in our environmental laboratory as per schedule prepared by the ADHPL as per guidelines of IFC.
		Organic sludge from treatment plant will be used as manure for plantation activities around project area.		<b>STATUS: ONGOING</b> Water and Organic sludge from the SWRP will be used for greenery development.
18)	Noise pollution and Blasting	Limiting demolition and removal of structures, if any, limited to daytime only.	AD Hydro	<b>STATUS: ONGOING</b> All works other than the construction of barrage, reservoir and underground works are limited to daytime only.
		Daytime operation, regular	AD Hydro	<b>STATUS: ONGOING</b>

		maintenance and provision of enclosures for high noise generating equipment.		All works other than construction of barrage, reservoir and underground works are limited to daytime only. Acoustic enclosures are in use for DG sets are installed on sites.
		Adoption of optimized blasting techniques and controlled traffic management to minimize noise.	AD Hydro	<b>STATUS: ONGOING</b> Open cast blasting is adhered to notified timing and optimized. Special attention is given to traffic management by posting traffic controlling personnel on traffic jam prone sections. Contractors are also advised through work order to take care for the same.
		Provision of mufflers on DG sets, rubber padding of enclosure foundation of DG sets to control vibrations, optimized operation of construction related machinery.	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that all DG-sets in project area have been provided with acoustic jackets and all sounds within Govt.-specified limits.
		Fleet management, vehicular traffic confined to project area.	AD Hydro	<b>STATUS: ONGOING</b> Special attention is given to traffic management by posting traffic controlling personnel on traffic jam prone sections.
		Limited vehicular movement during operation phase, regular maintenance of company owned vehicles.	AD Hydro	<b>STATUS: ONGOING</b> Vehicular movement by the project authorities will be very limited during operation phase as the work will also be very limited.
		Provision of barrier sheets along road construction especially in areas near settlements.	AD Hydro	<b>STATUS: ONGOING</b> Barriers have been provided at strategic locations through out the project especially near settlements.
		Use of specialized techniques and explosives, ground vibrations will not affect structures beyond 81 m from point of blast.	AD Hydro	<b>STATUS: ONGOING</b> Controlled blasting is being followed, and ground vibrations are being monitored with portable equipment wherever vibration suspected above limit.
		Adoption of optimized blasting techniques using delay detonators, blasting in confined areas.	AD Hydro	<b>STATUS: ONGOING</b> Standard blasting techniques are being used in the confined areas.
		Regular monitoring of ground vibrations will be undertaken.	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that vibrations are being monitored.
		The company will intimate blast timings to villagers and ensure	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that open cast blasting

		cattle and local people are away from the locations of blasting.		is conducted only at notified blasting times and that display boards in the area announce blasting times.
		Ground vibrations generated by blasting during tunnel excavations will not affect existing structures beyond 80 m from point of blast.	AD Hydro	<b>STATUS: ONGOING</b> Maximum care is being taken during tunnel excavation for minimal vibrations. Intensity of blast is depend on the vibration readings.
19)	Reservoir safety	Hydraulic model testing to confirm the safety of the water storage structures proposed for the project. The company is carrying out such hydraulic model tests to confirm the safety of the structures.	AD Hydro	<b>STATUS: ONGOING</b> Hydraulic Model Testing has already been carried out by Lasalle Laboratory, Montreal, Canada. Detailed report will be delivered by January 15, 2008.
		The company is to undertake regular inspection and maintenance of diversion structure safety design and appoint an independent engineer to verify design and conduct inspections during project construction phases of the project.	AD Hydro	<b>STATUS: ONGOING</b> Lahmayer International (India) Pvt. Ltd., IFC's independent Engineer inspects the project on a quarterly basis.
		An independent-engineer will periodically report to project lenders about review findings of the safety of all structures at the design, construction and operation stages.	AD Hydro	<b>STATUS: ONGOING</b> Lahmayer International (India) Pvt. Ltd., IFC's independent Engineer inspects the project on a quarterly basis.
		The company will ensure a well-rehearsed emergency response plan to be in place before project commissioning with mechanisms of mock trials for regular checks and controls to effectively meet any emergency.	AD Hydro	<b>STATUS: ONGOING</b> Emergency Response Plan is being prepared by M/s Saras Consultants, New Delhi. This plan is expected to be finalized by December 31, 2007.
20)	Risk due to	Inclusion of adequate engineering	AD Hydro	<b>STATUS: CLOSED</b>

	natural hazards (earthquakes , forest fires, landslides, etc.)	measures during detailed design and engineering of project structures to protect them from natural hazards.		Detailed Geo-Technical Investigations have been carried out by M/S RITES (GeoTechnology Wing), A Government of India Enterprise, New Delhi.  Earth Quake Engineering Studies have been conducted by Department of Earthquake Engineering, Indian Institute of Technology, Roorkee, India.  Outcome of these studies have been incorporated into the design of all the project structures.
The project structures need to be verified for its designs with the highest applicable safety factor for the Himalayan Zone (Zone - V).		AD Hydro		
The company has engaged Roorkee University to carry out studies to assess seismic impacts on tunnels.		AD Hydro and Roorkee University		
The company will ensure a well-rehearsed emergency response plan to be in place before project commissioning with mechanisms of mock trials for regular checks and controls to effectively meet any emergency.		AD Hydro		
21)	Potential public health impacts of labor force and construction operations (including disease transmission and air quality)	The compulsory use of all stipulated personal protective equipment.	AD Hydro	<b>STATUS: ONGOING</b> The personal protective equipments wherever applicable are mandatory to use. Circulars from safety department are given to the employees for the same.
		Health Management Plan including budgetary support.	AD Hydro	<b>STATUS: ONGOING</b> Primary Health Centre is established with qualified Medical Officer along with paramedical staff.  New First Aid Centres have been made operational at Duhangan Weir Site and Hamata Potato Farm.  Monthly budget for the medicines is increased to Rs. 1,70,000/- from Rs. 1,00,000/- earlier.  Above budget doesn't include the expenditure incurred by our contractors such as M/s Larsen & Toubro Ltd. is spending about Rs. 60,000/- on medicines every month on the workers.

	Maintenance of health and settlement and provision of medical facilities for the labor force as stipulated under the Environmental Clearance.	AD Hydro	<b>STATUS: ONGOING</b> Separate labour camps have been established with all basic facilities. All the facilities are being monitored by the social cell as per schedule prepared by ADHPL based on the guidelines by IFC. Primary Health Centre is open for all including ADHPL staff, workers, contractors, villagers, etc.
	Company will conduct regular field surveys and will take necessary actions to curb the spread of diseases.	AD Hydro	<b>STATUS: ONGOING</b> Regular health survey is being carried out by the health team. Outcome of survey and OPD, jointly provide the baseline for the future action in terms of health management.
	Conduct community awareness programs on AIDS among villages and labour camps.	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that HIV/AIDS and STD awareness programs are being conducted. It appears that outreach to project laborers has already begun, but outreach to villagers on this topic has not yet begun (letter states that local NGOs will be involved for implementation).  <b>Update</b>  <b>Various HIV/AIDS awareness programmes are being conducted in project area on. Outreach to villagers on this topic is begun by our health team but a large scale programme is also planned for disseminating the awareness of HIV/AIDS among all. This programme is involving the local NGOs also.</b>
	Water trucks will sprinkle roads under construction to minimise dust. <sup>u</sup>	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that project roads are continuously sprinkled with water to suppress dust.  <b><i>About 20 water tankers are deployed for the water sprinkling works on the project roads.</i></b>
	All roads will be bitumen topped.	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that black topping of the road connecting the State Highway to Allain Barrage is in progress.

				<b>Bitumen topping completed</b> <b>Allain Road : 11.2 kilometers</b> <b>Duhangan Road : 3 kilometers</b>
		Traffic management through daily fleet management to avoid accidents and congestions at various points.	AD Hydro	<b>STATUS: ONGOING</b> Special attention is given to traffic management by posting traffic controlling personnel on traffic jam prone sections to avoid any vehicular accident.
		Vehicles carrying construction material to be covered and use of water sprinkling.	AD Hydro	<b>STATUS: ONGOING</b> Construction material like cement etc. is being transported in covered vehicles.
		The company will be restricting vehicular movements at the areas other than project sites.	AD Hydro	<b>STATUS: ONGOING</b> Vehicle movement is allowed for other areas only if it is necessary.
		The company will ensure DG sets adhere to norms specified by HP State Environment Protection and Pollution Control Board (including emission standards). <sup>v</sup>	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that the company has established 5 fixed air quality monitoring stations at Aleo, Sethan, Prini, Shuru, and Jagatsukh and is conducting regular monitoring to assess the impacts of dust emissions.
22)	Impact on apple crops	The company will discuss crop insurance with the community during construction phase of the project. <sup>pp</sup>	AD Hydro	<b>STATUS: ONGOING</b> Matter has been discussed with Pradhans of Gram Panchayat. Letter has been written to Insurance Agency and reply is awaited.
		The company will help farmers relocate their trees. <sup>w</sup>	AD Hydro	<b>STATUS: CLOSED</b> ADHPL had offered the villagers for relocating the trees but no case appeared. Villagers were interested to take compensation of the tree.
		The company will compensate for standing crops on acquired private lands per Govt. guidelines. <sup>rr</sup>	AD Hydro	<b>STATUS: CLOSED</b> All such crops had been compensated as per the policy agrees by the company and villagers.
		The company will consider any	AD Hydro	<b>STATUS: ONGOING</b>

		and all claims of impacts on crop production for appropriate compensation through the established grievance redressal mechanism. <sup>pp</sup>		Grievance Redressal Cell (GRC) Mechanism is functional and such cases will be considered as and when they appear.
23)	Availability of potato seeds	Project will provide seeds of similar quality to the village Panchayats, as requested. <sup>x</sup>	AD Hydro	<b>STATUS: ONGOING</b>  Requirement for seeds have been received from Prini and Jagatsukh Panchayats. The same will be provided as per the crop pattern.
		The company will make arrangements to provide potato seeds at same rate at which farmers procured it from the Hamta potato farm. <sup>ss</sup>	AD Hydro	
24)	Employment Opportunities	The company will stipulate in its labor contracts that preference will be given to hiring local laborers first, and then to Pahari/Nepali laborers. <sup>ee</sup>	AD Hydro and subcontractors	<b>STATUS: CLOSED</b>  AD Hydro memo (Dec 09, 2006) reports that villagers have been given priority in award of contracts in all infrastructure works and that more than 3000 contracts have been awarded locally.
		Restriction on deployment of child labor. <sup>y</sup>	AD Hydro	<b>STATUS: ONGOING</b>  Contractors are bound with the contractual conditions for not employing the child labour. In addition to this, our Social team takes care of the compliance of these conditions by surveillance to the work sites.  Team of security personnel has been deputed and started enforcing safety measures on site.
		Participatory approach to prepare	AD Hydro	<b>STATUS: ONGOING</b>



		and implement Community Development Plan. <sup>tt</sup>		Community development plan is being implemented in consultation with the Gram Panchayat and Village Development Committee of respective villages. Rs. 5.96 Crores have already been spent for the community development works by the company.
		Employment in project to at least one member of each project affected family as per clause No.5.16 of the Implementation Agreement with the Govt of HP. <sup>tt</sup>	AD Hydro	<b>STATUS: CLOSED</b>  One member of the every affected family has been provided the employment in the company.
		Hiring of taxis from village where requirement and rates match with company's needs. <sup>tt</sup>	AD Hydro	<b>STATUS: ONGOING</b> AD Hydro memo (Dec 09, 2006) reports that all of the vehicles hired by the project are owned by locals.
25)	Impact on local culture and tourism	Any damage to the trekking route due to construction work would be repaired. <sup>z</sup>	AD Hydro	<b>STATUS: ONGOING</b> Trekking route will be replenished as soon the project construction work is complete. It cannot be continued during project construction phase because of safety reasons.
26)	Religious sentiments	The company respects all the religious sentiments of the villagers and will discuss construction schedules along the streams with the community to flag religious and cultural sensitivities, and observe the advised safeguards as applicable and to the extent possible.	AD Hydro	<b>STATUS: ONGOING</b> All possible care is being taken to protect the religious sentiments of the villagers and protection measures are being taken wherever is required in consultation with Gram Panchayat of the respective villages.
		The company will ensure that all employees and contracted staff of the project will be required to adhere to the provisions related to the World Bank policy on Cultural Property, where applicable.	AD Hydro	<b>STATUS: ONGOING</b> Contractors are bound with the contractual conditions for respecting the religious sentiments of the local villagers. This is being ensured by giving most of the contracts to the locals only. In addition to this, our Social team takes care of the compliance of these conditions by surveillance to the work places.

27)	Availability of education and health facilities	The company will construct a school building on the land provided by the village Panchayat.	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>AD Hydro memo (Dec 09, 2006) reports that the company has provided furniture for the Govt. Primary School in Prini and Shuru and has built the 1<sup>st</sup> floor of the existing primary school building at Prini. At the Govt. High School in Prini the company has provided building renovations. The company has also provided the seven schools in town with various teachers.</p> <p>-School building in Aleo village is under construction. -Vashishth school has been provided with a play ground by constructing a slab on the nallah flowing between the school area. -Various schools in the vicinity have been provided the teachers on its payroll.</p>
		The company will build a school for the project staff where admission will be open to children of the Prini and Jagatsukh Panchayats.	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>A school will be constructed after completion of the project. This facility will be open to children from neighbouring villages.</p>
		The company also has a plan to set up a hospital in the village Prini.	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>A Primary Health Centre (PHC) has been established in Prini / Jagatsukh with qualified Medical Officer. This PHC is open for all free of cost for all including Project staff, workers, contractors, villagers, etc. However, full-fledged hospital will be constructed in the project area and the facilities will be extended for all.</p> <p><b>New first aid centers have been made operational at Duhangan Weir Site and Hamata Potato farm. Monthly budget for Medicines has been increased to Rs. 1,70,000/- from Rs. 1,00,000/- earlier.</b></p>
		The company will build a dispensary in village Jagatsukh.	AD Hydro	
		The company will establish some public conveniences in Prini. <sup>aa</sup>	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>AD Hydro memo (Dec 09, 2006) reports company has built two community bathrooms, four toilets for the primary school, four toilets for the high school in Prini, two toilets in Chhalet village, a water tank and bathroom near Jamdagani Devta temple at 1600</p>

				RD, toilets for the Govt. Primary School in Shuru, and community toilets at Dehugra and near Pali Nali Bridge (all in Prini).
		Medical facilities constructed for project staff will be available to villagers. <sup>bb</sup>	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>AD Hydro memo (Dec 09, 2006) reports that primary health centers have been constructed in Prini and Jagatsukh and that they are open to villagers. Free of Cost.</p> <p><b>New first aid centers have been made operational at Duhangan Weir Site and Hamata Potato farm. Monthly budget for Medicines has been increased to Rs. 1,70,000/- from Rs. 1,00,000/- earlier.</b></p>
		Three ambulances will be provided for urgent medical calls, including emergency calls from local villagers. <sup>cc</sup>	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>AD Hydro memo (Dec 09, 2006) reports that five ambulances have been deployed.</p>
		Available facilities will include diagnostics, emergency operating facilities, oxygen (cylinders), fracture attendance, as well as pre-natal and post-natal care for mother and child. <sup>zz</sup>	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>All these facilities have already been provided in the existing PHCs except ante &amp; post natal care of mother and child, which will be made available in the Proposed Hospital after completion of the project.</p> <p><b>A pathological laboratory is established and tests are being carried out at nominal costs. Earning from this laboratory is being used for the educational help to poor children through the schools in the vicinity.</b></p>
		The company will appoint a medical officer, a compounder, a lab technologist, an epidemiologist and other health care workers to staff the facilities.	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p><i>All the staff members have already been appointed except an epidemiologist for whom we are in process of appointment.</i></p>
28)	Public access to project roads	People and vehicular movement will have full access to the project roads with the safety rider that they follow all safety rules and regulations for the construction	AD Hydro	<p><b>STATUS: ONGOING</b></p> <p>People and vehicles have access to the project roads. They are allowed to access the roads only after permission from Project administration and full road safety measures i.e. in supervision of safety / security team at critical points.</p>

		period. <sup>dd</sup>		
29)	Access to cremation ground	The company has agreed to build access road to the cremation ground once the village Panchayat provides the land without trees with all statutory approvals. <sup>ee</sup>	AD Hydro	<b>STATUS : CLOSED</b> AD Hydro memo (Dec 09, 2006) reports that company has provided 0.5 inch pipe to the cremation ground in Prini. Memo also states that company has constructed a shed and a path to the Cremation ground in Shuru. Company also reports that they have constructed a water pipeline.
30)	Provision of public lighting and electricity	In Prini, the company will provide 10 poles and tube lights for electrification of the village road. <sup>ff</sup>	AD Hydro	<b>STATUS: CLOSED</b> ➤ AD Hydro memo (Dec 09, 2006) reports that the company has provided 10 street lights for Prini and 20 for Jagatsukh. <b>UPDATE SINCE MAY MEETINGS:</b> ➤ More street lights are being installed as per following details. Shuru :10 Jagatsukh : 16 (including 6 Solar lights) Sethan : 5
		Electrification of roads within the village shall be carried out by the company in the village as per the terms of the Agreement signed with the village Panchayat. <sup>gg</sup>	AD Hydro	<b>STATUS: CLOSED</b> ➤ Street lights with electrical connections have been provided in villages as per advice of the Pradhan, Gram Panchayats of Prini and Jagatsukh.
31)	Implementation of Environmental Action Plan	Compliance of environmental action plans under statutory approvals of the Ministry of Environment & Forests and the Himachal Pradesh State Environment Protection and Pollution Control Board. <sup>hh</sup>	AD Hydro	<b>STATUS: ONGOING</b> ➤ All the conditions stipulated by Ministry of Environment and Forest (MoEF), Govt. of India and Himachal Pradesh State Environment Protection and Pollution Control Board (HPSEP&PCB), Govt. of H.P. are being complied and regular compliance reports are being sent to respective authorities. <b>FUTURE ACTIONS PLANNED &amp; TIMETABLE:</b> ➤ Continue reporting as required by regulations.
		Setting up of Environmental cell to implement, manage and monitor the environmental action plans drawn up for the project. <sup>eee</sup>	AD Hydro	<b>STATUS: CLOSED</b> ➤ Full fledged Environmental & Social team is established headed by Asst. General Manager. The team comprises of qualified professionals and members of affected villages. ➤ Department has an environmental laboratory for the analysis of Air and Water Parameter as advised by IFC, MoEF and HPSEP & PCB.

		The company's environmental and social programs will be evaluated by an environmental audit carried out by an independent party during the operational phase of the project. <sup>ii</sup>	AD Hydro	<p><b>STATUS: ONGOING</b></p> <ul style="list-style-type: none"> <li>➤ Lahmeyer International conducts a quarterly audit for all the project activities including environmental and social programmes. Their reports are provided to IFC and the Company.</li> </ul> <p><b>FUTURE ACTIONS PLANNED:</b></p> <ul style="list-style-type: none"> <li>➤ Continue responding to Lahmeyer's recommendations.</li> </ul>
		All monitoring under the environmental & Social Management & Monitoring Plan will be participatory and will include representatives of the affected villages.	AD Hydro	<p><b>STATUS: ONGOING</b></p> <ul style="list-style-type: none"> <li>➤ ADHPL has a team for social and environmental management. The team comprises of local villagers for monitoring of social programmes.</li> </ul>
32)	Recourse/ Compliance Mechanism	Company will set up a Grievance Redressal Cell. <sup>jj</sup>	AD Hydro	<p><b>STATUS: ONGOING</b></p> <ul style="list-style-type: none"> <li>➤ According to ESIA Addendum, Annex XI, a Grievance Redressal Cell was set up in Prini on May 23, 2004, to hold meetings with villagers to consider and act on the grievances received from the affected villagers.</li> <li>➤ A schedule for hearing concerns from Prini, Jagatsukh, and Aleo Panchayats was established.</li> </ul> <p><b>UPDATE SINCE MAY MEETINGS:</b></p> <ul style="list-style-type: none"> <li>➤ Company will maintain a Grievance Log and report this quarterly to the CAO</li> </ul> <p><b>FUTURE ACTIONS PLANNED:</b></p> <p>Maintain responsive approach to grievances</p>
		Company will set up a separate committee, that includes representatives of affected villages, to act as an Independent Appeal Mechanism for redressing grievances and ensuring that the GRC works properly. <sup>ggg</sup>	AD Hydro	<p><b>STATUS: ONGOING</b></p> <ul style="list-style-type: none"> <li>➤ According to ESIA Addendum, Annex XII, a separate committee was constituted on June 24, 2004.</li> </ul> <p><b>FUTURE ACTIONS PLANNED &amp; TIMETABLE:</b></p> <ul style="list-style-type: none"> <li>➤ Convene as required</li> </ul>

33)	Recreation Grounds	The company agrees that in the event of Prini Panchayat providing land, the company will level the land so that it may be used for recreational purposes and social gatherings. <sup>kk</sup>	AD Hydro, Prini Panchayat	<p><b>STATUS: CLOSED</b></p> <ul style="list-style-type: none"> <li>➤ AD Hydro memo (Dec 09, 2006) reports that the company has contributed Rs. 1.1 million for a sports tournament and that they are holding other tournaments from time to time.</li> </ul> <p><b>UPDATE SINCE MAY MEETINGS:</b></p> <ul style="list-style-type: none"> <li>➤ Company has taken a ground of about 1100 sq. mtrs. on lease in village Prini. Ground has been levelled and fenced by the company. This ground has been provided to village for recreational purposes.</li> <li>➤ Further, an area above a nalla flowing through the school in Vashishth panchayat has been developed and prepared as a play ground for the school.</li> </ul>
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