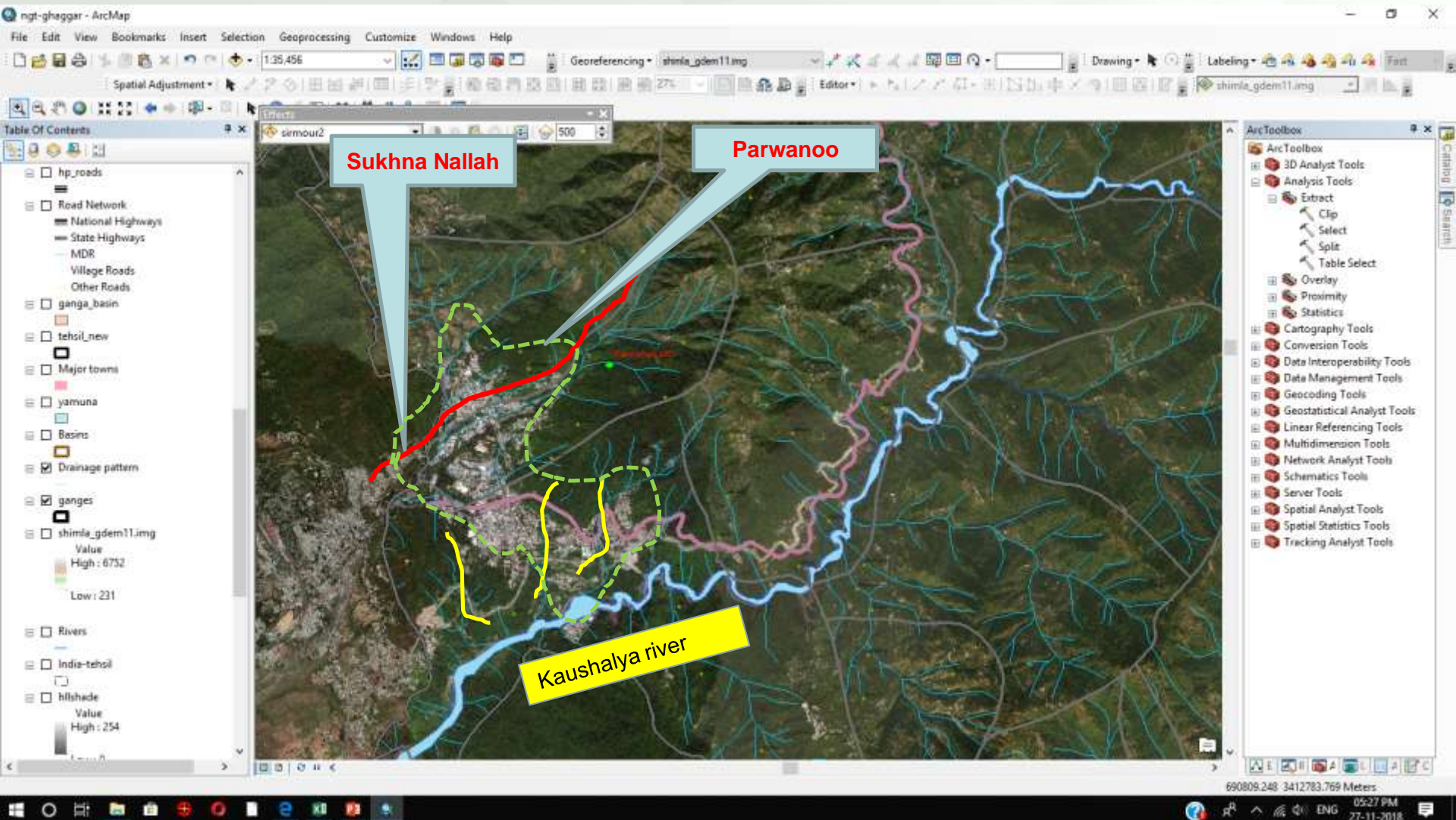


**Action Plan  
for  
Rejuvenation of Sukhna  
Nallah at Parwanoo Area**

# Parwanoo Area



# Action Plan

## (Format supplied by Executing Committee)

### Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar

#### (Sukhna Nallah) at Parwanoo

Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
<b>I</b>	<b>Industrial Pollution Control</b>			
(a)	<b>Inventorization</b> of the <b>water polluting industries</b> in the catchment of Sukhna Nallah covering assessment on aspects relating to status of Consents under Water & Air Acts and Authorization, Effluent Generation, ETP Capacities and final mode of effluent discharge	HPSPCB	Within 15 Days	-
(b)	<b>Action against the identified industries</b> in operation <b>without Consent</b> under Water & Air Act/Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	HPSPCB	Within 1 month and continuous process.	Action as per relevant provisions of Water Act, 1974 and Air Act, 1981 shall be taken against any unit found operating without mandatory consent of the HPSPCB
(c)	<b>Action against the industries who have not installed ETPs</b> or ETPs exist but not operating or treated effluent is not meeting the prescribed standards.	HPSPCB	All inspections shall be completed within 15 days and regular inspections shall be a continuous feature.	.

# Action Plan

## Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar

### (Sukhna Nallah) at Parwanoo

Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
(d)	Prohibition of <b>Burning of any kind of waste including agro residue</b>	Executive Officer, MC Parwanoo and HPSPCB	Within 1 Month	To issue advisory and to take action by involving Industries Association Parwanoo (PIA) in this regard. for non-compliance of the provisions of SWM Rules 2016 as per HP Non-Biodegradable Garbage Control Act.
(e)	Estimation of industrial effluent generation and <b>commissioning of CETP</b>	State Govt., Deptt. of Industries, District Administration	-	Not Viable as only Sewage Load in Sukhna Nallah.
(f)	<b>Solid Waste Management</b>	Executive Officer, MC Parwanoo and HPSPCB	Within 2 months	-

# Action Plan

## Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar

### (Sukhna Nallah) at Parwanoo

Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
<b>II</b>	<b>Domestic Sewage Management</b>			
(a)	Area wise estimation of total population, <b>water requirement and sewage generation.</b>	HIMUDA, IPH, Urban Development, Rural Development Department	Within 1 Month	-
(b)	To undertake channelization and providing system for measurement of flow of all the drains presently contributing pollution load in Ghaggar River.	I & PH and HIMUDA	Within 6 months.	Radar system for depth Measurement can be installed at Border near old barrier Parwanoo, for depth measurement at the <b>cost of Rs. 6.50 Lakhs as informed by IPH.</b>
(c)	Installation of continuous Real Time Water Quality Monitoring Station.	I & PH	Within 6 months	Approximately the <b>cost of Continuous Real Time Monitoring System is 30.0 Lakhs.</b>
(d)	Proper design, execution of Common STP at Parwanoo Area with full utilization capacity.	I&PH	Within 3 years	The estimated cost for laying the sewerage line and installation of <b>common sewage treatment plant is Rs. 50 Crores.</b>



# Action Plan

## Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar

### (Sukhna Nallah) at Parwanoo

Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
<b>III</b>	<b>Ground Water Quality</b>			
(a)	Sampling of Tube wells, Bore wells, Hand Pumps.	I&PH and HPSPCB	To be completed within 15 Days.	-
(b)	Sampling and analysis of Drinking Water Supply Schemes in and around Parwanoo area.	HIMUDA	To be completed within 15 Days.	-
(c)	Sealing of contaminated hand pumps and found to be unfit for drinking purpose by the public.	I&PH and HP GWA	Within 02 months	-
(d)	Carrying assessment of ground water survey for quality and to identify over exploited and critical areas.	I&PH and HP GWA	Within 2 months	-
(e)	To conduct periodic surprise inspection of the industries to rule out any forceful injection of industrial effluents into ground water sources	HPSPCB & I&PH	Every 15 Days	-
(f)	All the industries should be directed to obtain NOC from HPGWA/CGWA and action against the units in operation without obtaining NOC from HPGWA/CGWA.	I&PH HPGWA	Within 15 Days	-

# Action Plan

## Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar

### (Sukhna Nallah) at Parwanoo

Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
<b>IV</b>	<b>Miscellaneous</b>			
(a)	<b>Regular monitoring</b> and sampling of water quality of Sukhna Nallah and various drains <b>on monthly basis.</b>	HPSPCB	Every 01 Month.	-
(b)	Impact of <b>water pollution on health</b> of public by organizing Health camp	State Health Deptt.,	Every 06 Month	-
(c)	Plantation in Flood Plain Zone, Setting up of Bio-diversity Parks	Forest Department	Within 06 Months	-
(e)	Checking Encroachment in FPZ of River Markanda & Tributaries	District Local Administration	Within 06 Months	-
(f)	Prohibition of disposal of Municipal Plastic and Bio-medical Waste particularly in drains	District Local Administration , MC Parwanoo	Within 02 Month	-

**Action Taken Report  
For  
Rejuvenation of Sukhna  
Nallah at Parwanoo Area**



## Action Taken by District Level Task Force

<b>ATR for Rejuvenation of River Ghaggar on (Sukhna Nallah) at Parwanoo</b>			
Sr. No.	Action taken Points for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Action Taken Report
<b>I</b>	<b>Industrial Pollution Control</b>		
(a)	<b>Inventorization</b> of the <b>water polluting industries</b> in the catchment of Sukhna Nallah covering assessment on aspects relating to status of Consents under Water & Air Acts and Authorization, Effluent Generation, ETP Capacities and final mode of effluent discharge	HPSPCB	<ul style="list-style-type: none"> <li>• <b>Completed</b></li> <li>• <b>Total 48 no's of water Polluting industries</b> located at the stretch of Sukhna Nallah with total effluent treatment capacity of <b>1638.3 KLD</b> Out of which <b>28 number of industries</b> have been inspected and samples have also been collected as per inspection format provided by the Executing Committee. Results of <b>20</b> nos. of samples are declared and are within the limits. (<b>Annexure –"A"</b>).</li> </ul>
(b)	<b>Action against the identified industries</b> in operation <b>without Consent</b> under Water & Air Act/Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	HPSPCB	All the industries inspected so far have valid Consent to Operate of the HPSPCB. Action will be taken as and when no-compliance observed.
(c)	<b>Action against the industries who have not installed ETPs</b> or ETPs exist but not operating or treated effluent is not meeting the prescribed standards.	HPSPCB	Directions were issued to <b>08 number of units for the installation of captive Sewage Treatment Plants</b> and <b>06 number of units have installed new STPs</b> or have upgraded the existing ones. 02 are in process.

# Action Taken Report by District Level Task Force

<b>ATR for Rejuvenation of River Ghaggar on (Sukhna Nallah) at Parwanoo</b>			
Sr. No.	Action taken Points for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Action Taken Report
(d)	Prohibition of <b>Burning of any kind of waste including agro residue</b>	Executive Officer, MC Parwanoo and HPSPCB	<p>Directions have been issued to the EO MC Parwanoo and advisory has also been issued to the industries through <b>The President Industries Association Parwanoo (PIA)</b> in this regard.</p> <p>Also, <b>05 number of fines/challans have been issued against defaulting units (Rs 5000/- each)</b> for non-compliance of the provisions of SWM Rules 2016 as per HP Non-Biodegradable Garbage Control Act.</p>
(e)	Estimation of industrial effluent generation and <b>commissioning of CETP</b>	State Govt., Deptt. of Industries, District Administration	<p><b>Not Viable as only Sewage Load in Sukhna Nallah. Estimation of quantum of effluent generation in Parwanoo area is complete.</b> District Level Special task force, decision taken that quantum of effluent of the entire area is very less, the laying of pipelines to each polluting unit is not feasible, movement of tankers to carry effluent by road may cause further road so common STP for the area must be prioritized.</p>
(f)	<b>Solid Waste Management</b>	Executive Officer, MC Parwanoo and HPSPCB	<p><b>MOU is likely to be signed</b> by Executive Officer MC, Parwanoo and the same is under process.</p>

# Action Taken Report by District Level Task Force

ATR for Rejuvenation of River Ghaggar on (Sukhna Nallah) at Parwanoo			
Sr. No.	Action taken Points for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Action Taken Report
<b>II</b>	<b>Domestic Sewage Management</b>		
(a)	Area wise estimation of total population, <b>water requirement and sewage generation.</b>	HIMUDA, IPH, Urban Development, Rural Development Department	Approximately 2.75 MLD water is being supplied by HIMUDA in Parwanoo area. The sewage Load is <b>1.65 MLD</b> Population of this town is approximately 12,000 (Twelve Thousand) persons with floating population for Hotels, Schools, Banks etc. 10,000 (Ten Thousands) persons.
(b)	To undertake channelization and providing system for measurement of flow of all the drains presently contributing pollution load in Ghaggar River.	I & PH and HIMUDA	The Executive Engineer, Irrigation & Public Health Department, Solan has informed in the Second meeting of the District Level Special task Force <b>that there is no need for channelization for flow measurement as it is meant for river training works.</b> The Executive Engineer, I & PH has informed that on the exit point of Sukhna Nallah at H.P. Border near old barrier Parwanoo, <b>Radar system can be installed for depth measurement at the cost of Rs. 6.50 Lakh.</b>
(c)	Installation of <b>continuous Real Time Water Quality Monitoring Station.</b>	I & PH	In the 7th meeting of the Executive Committee held at Chandigarh on 22-12-2018, Hon'ble Justice Pritam Pal the Chairman of the Executive Committee specifically directed that <b>I &amp; PH shall install the real time WATER quality monitoring stations</b>
(d)	Proper design, execution of Common STP at Parwanoo Area with full utilization capacity.	I&PH	The Executive Engineer, Irrigation & Public Health Department, Solan has informed in the Second meeting of the District Level Special task Force that <b>02 no of common STPs with approx. capacity 02 MLD each are proposed in the area and the preliminary proposal of the same has been sent to Agence Francaise de Development an international agency (French) and the same is proposed to be put in place within 03 years.</b>

# Action Taken Report by District Level Task Force


<b>ATR for Rejuvenation of River Ghaggar on (Sukhna Nallah) at Parwanoo</b>			
<b>Sr. No.</b>	<b>Action Plan for Rejuvenation of River Ghaggar</b>	<b>Agency Responsible for Execution of Task</b>	<b>Time Line for Execution</b> <b>Remarks</b>
<b>III</b>	<b>Ground Water Quality</b>		
(a)	<b>Sampling of Tube wells, Bore wells, Hand Pumps.</b>	I&PH and HPSPCB	Total <b>22</b> no. of Samples have been taken by Team of HPSPCB & IPH, results are within the limit.

# Action Taken Report by District Level Task Force

ATR for Rejuvenation of River Ghaggar on (Sukhna Nallah) at Parwanoo			
Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution
<b>IV</b>	<b>Miscellaneous</b>		
(a)	<b>Regular monitoring</b> and sampling of water quality of Sukhna Nallah and various drains <b>on monthly basis.</b>	HPSPCB	Every 01 Month. 10 No's of Sample have been collected from on the stretch of Sukhna every Month. <b>(Annexure- "B" )</b>
(b)	Impact of <b>water pollution on health</b> of public by organizing Health camp	State Health Deptt.,	<b>01 number of health camp has already been organized</b> in Parwanoo area. Another camp in Taksal area near the catchment of Sukhna Nallah is to be organized within 01 month i.e by 10-15 Jan 2019.
(c)	<b>Involvement of Civil Society</b>	HPSPCB	<b>A Cleanliness Drive - "Clean Sukhna"</b> was launched on 19th December, 2018 at Parwanoo by involving various Stake Holders, Institutions, Industrial Units of Parwanoo, and agencies comprising of various teams Constituting more than 500 Volunteers and Cleanliness Drive on 26th December, 2018. <b>(Annexure- "C")</b>
(e)	<b>Involvement of Civil Society</b>	HPSPCB	<b>Cleanliness Drive in Khadeen Industrial Area</b> on 26.12.2018 organised. Total 07 industrial units participated in the drive and waste is disposed through MC Parwanoo.
(f)	Web site for Public Participation	HPSPCB	The Suggestion Tab is created on website of State Board at <a href="http://www.hppcb.nic.in">www.hppcb.nic.in</a> .



# Cleanliness Drive of Sukhna Nallah



H. P. STATE POLLUTION CONTROL BOARD  
invite you for

## Sukhna Nallah Cleanliness Drive


on 19<sup>th</sup> December 2018  
(from 9.00 AM to 2.00 PM)  
at: **Parwanoo (HP).**

**Assembly points**

1. Sukhna Nallah adjacent to Sector 05 Dumping Site.
2. Sector 04 Nallah near Shiv Mandir.
3. Samtel Nallah at Mahle Chowk.
4. Sector 02 Nallah in front of Eshwar Tractor Plant.
5. At Rotary Club Ground Sector 05.

“Come and join the initiative  
AND MAKE OUR WATER SOURCES AND WATER BODIES CLEAN...”

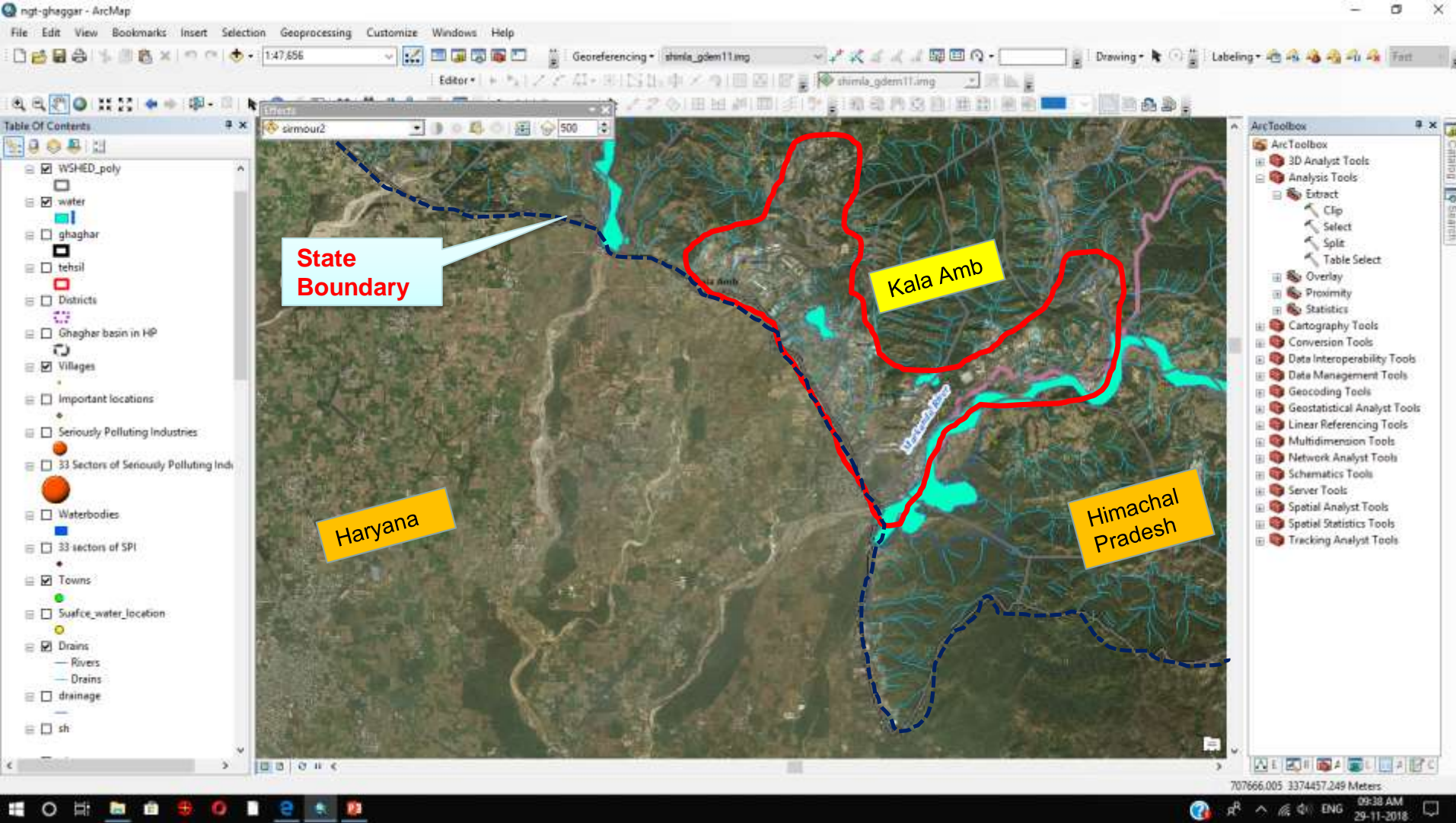
(You can post your suggestions regarding cleanliness of seven polluted rivers of H.P. namely Sukhna, Markanda, Sirsa, Ashwani, Beas, Giri & Pabbar by visiting our website <https://hppcb.nic.in/> and clicking on Suggestion tab.)





**Action Plan  
for  
Rejuvenation of Markanda  
River at Kala Amb Area**

# Kala Amb Town



## Action Plan (Format supplied by Executing Committee)

<b>Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar (River Markanda) Kala Amb, Sirmour</b>				
Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
<b>I</b>	<b>Industrial Pollution Control</b>			
(a)	<b>Inventorization</b> of the <b>water polluting industries</b> in the catchment of Sukhna Nallah covering assessment on aspects relating to status of Consents under Water & Air Acts and Authorization, Effluent Generation, ETP Capacities and final mode of effluent discharge	HPSPCB	Within 1 Month	-
(b)	<b>Action against the identified industries</b> in operation <b>without Consent</b> under Water & Air Act/Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	HPSPCB	Within 1 month and continuous process.	Action as per relevant provisions of Water Act, 1974 and Air Act, 1981 shall be taken against any unit found operating without mandatory consent of the HPSPCB
(c)	<b>Action against the industries who have not installed ETPs</b> or ETPs exist but not operating or treated effluent is not meeting the prescribed standards.	HPSPCB	All inspections shall be completed within 15 days and regular inspections shall be a continuous feature.	.

# Action Plan

## (Format supplied by Executing Committee)

### Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar

#### (Sukhna Nallah) at Parwanoo

Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
<b>I</b>	<b>Industrial Pollution Control</b>			
(a)	<b>Inventorization</b> of the <b>water polluting industries</b> in the catchment of Sukhna Nallah covering assessment on aspects relating to status of Consents under Water & Air Acts and Authorization, Effluent Generation, ETP Capacities and final mode of effluent discharge	HPSPCB	Within 15 Days	-
(b)	<b>Action against the identified industries</b> in operation <b>without Consent</b> under Water & Air Act/Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	HPSPCB	Within 1 month and continuous process.	Action as per relevant provisions of Water Act, 1974 and Air Act, 1981 shall be taken against any unit found operating without mandatory consent of the HPSPCB
(c)	<b>Action against the industries who have not installed ETPs</b> or ETPs exist but not operating or treated effluent is not meeting the prescribed standards.	HPSPCB	All inspections shall be completed within 15 days and regular inspections shall be a continuous feature.	.

# Action Plan

## Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar (River Markanda) Kala Amb, Sirmour

Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
(d)	Prohibition of <b>Burning of any kind of waste including agro residue</b>	District Administration, SADA Trilokpur	Within 1 Month	-
(e)	Estimation of industrial effluent generation and <b>commissioning of CETP</b>	State Govt., Deptt. of Industries, District Administration	Within 2 years as Environment clearance is required.	Once the land is allotted by the Govt. to the Special Purpose Vehicle and DPR is prepared, the case for grant of EC shall be undertaken by the SPV.
(f)	Setting up of a Solid Waste Management Site at Kala Amb	State Govt., Deptt. of Industries, District Administration	Within 2 years	-



# Action Plan

<b>Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar (River Markanda) Kala Amb, Sirmour</b>				
Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
<b>II</b>	<b>Domestic Sewage Management</b>			
(a)	Area wise estimation of total population, <b>water requirement and sewage generation.</b>	IPH, Rural Development Department	Within 1 Month	-
(b)	To undertake channelization of Markanda river from Rukhri to Kala Amb (24 KM) .	I&PH, HPSIDC	Within 2 Years.	Channelization of Markanda River from Rukhri to Kala Amb (24 KM) amounting to <b>Rs. 114.02 Crore</b> has been prepared by I&PH Nahan and submitted to the Chairman Ganga Flood.
(c)	Installation of continuous Real Time Water Quality Monitoring Station.	I & PH	Within 6 months	Approximately Continuous Real Time Monitoring System is <b>30.0 Lakhs.</b>
(d)	Proper design, execution of Sewerage Lines to be incorporated in proposed CETP at Kala Amb	I&PH, Industry Department	Within 2 Years	Preliminary Project Report (PPR) of Sewerage System for Industrial Area Kala Amb and Moginand amounting <b>Rs. 30.40 Cr</b> has been prepared by IPH.



# Action Plan

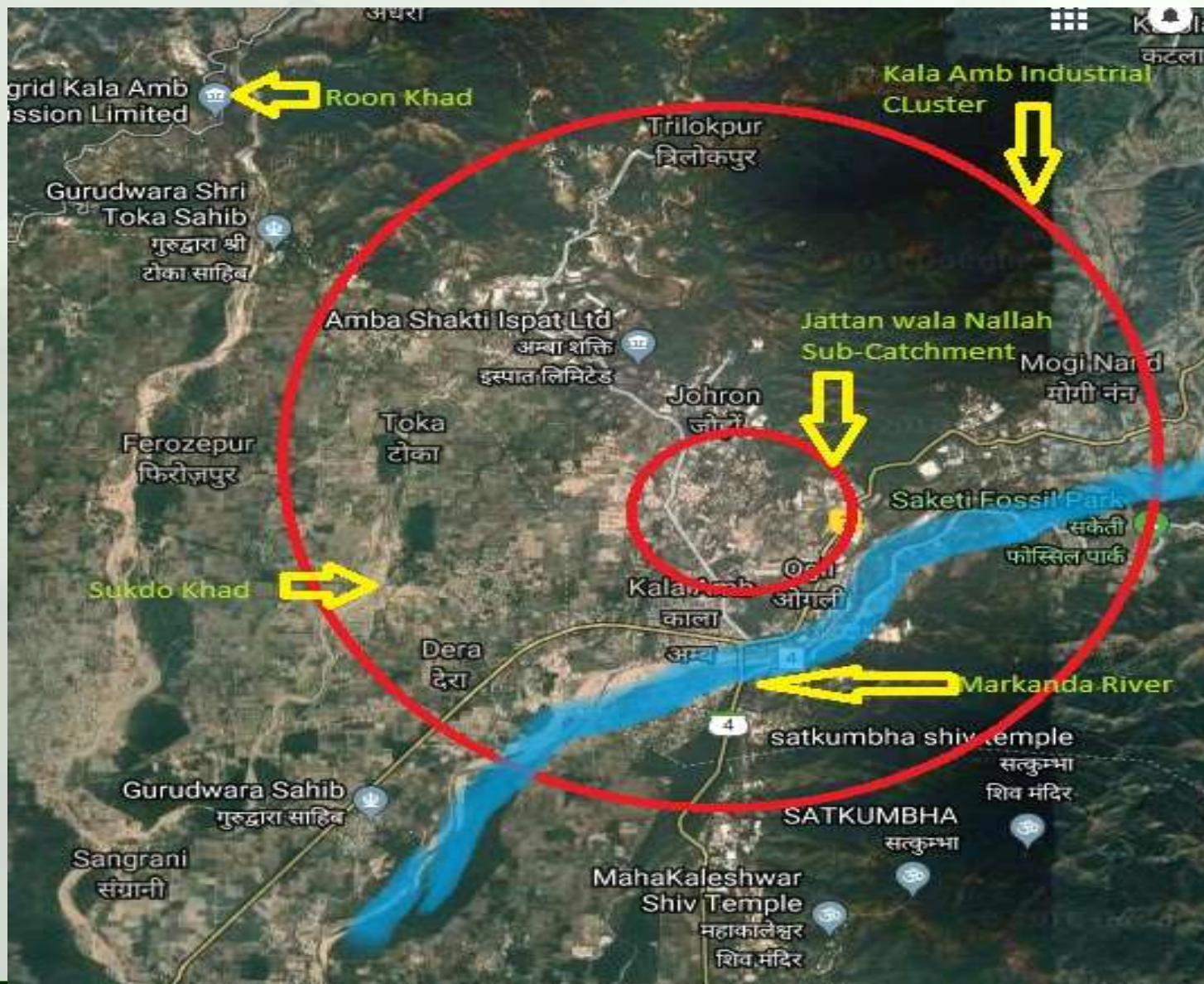
<b>Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar (River Markanda) Kala Amb, Sirmour</b>				
Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
<b>III</b>	<b>Ground Water Quality</b>			
(a)	Sampling of Tubewells, Borewells, Hand Pumps in Kala Amb area.	I&PH, HPSPCB	Within 1 months	-
(b)	Sampling and analysis of Drinking Water Supply Schemes in and around Kala Amb area	I&PH	Within 15 Days	-
(c)	Sealing of contaminated hand pumps and found to be unfit for drinking purpose by the public.	I&PH, HP GWA	Within 3 months	-
(d)	Carrying assessment of ground water survey for quality and to identify over exploited and critical areas.	I&PH, HP GWA	Within 6 months	-
(e)	To conduct periodic surprise inspection of the industries to rule out any forceful injection of industrial effluents into ground water sources	I&PH, HPSPCB	Every 15 Days	-
(f)	All the industries should be directed to obtain NOC from HPGWA/CGWA and action against the units in operation without obtaining NOC from HPGWA/CGWA.	I&PH	Within 15 Days	-

# Action Plan

<b>Proposed Short Term and Long Term Action plan for Rejuvenation of River Ghaggar (River Markanda) Kala Amb, Sirmour</b>				
Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution	Remarks
<b>IV</b>	<b>Miscellaneous</b>			
(a)	<b>Regular monitoring</b> and sampling of water quality of Sukhna Nallah and various drains <b>on monthly basis.</b>	HPSPCB	Every 1 Month.	-
(b)	Impact of <b>water pollution on health</b> of public by organizing Health camp	State Health Deptt.,	Every 6 Month	-
(c)	Plantation in Flood Plain Zone, Setting up of Bio-diversity Parks	Forest Department	Within 6 Months	-
(e)	Checking Encroachment in FPZ of Sukhna Nallah	District Local Administration	Within 6 Months	-
(f)	Prohibition of disposal of Municipal Plastic and Bio-medical Waste particularly in drains	District Local Administration	Within 2 Month	-

**Action Taken Report  
For  
Rejuvenation of Markanda  
River at Kala Amb Area**

# Drainage Map of River Markanda





## Action Taken by District Level Task Force

<b>ATR for Rejuvenation of River Ghaggar on (River Markanda) Kala Amb, Sirmour</b>			
Sr. No.	Action taken Points for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Action Taken Report
<b>I</b>	<b>Industrial Pollution Control</b>		
(a)	<b>Inventorization</b> of the <b>water polluting industries</b> in the catchment of Sukhna Nallah covering assessment on aspects relating to status of Consents under Water & Air Acts and Authorization, Effluent Generation, ETP Capacities and final mode of effluent discharge	HPSPCB	<b>Completed</b>  Total <b>93 no's of water Polluting industries</b> located at the stretch of Sukhna Nallah with total effluent generation is <b>5540.4 KLD</b> . Out of which <b>54 industries have been inspected and samples of 50 industries have been collected</b> . The samples have been sent to the HPSPCB Regional Laboratory, Paonta Sahib and results of the 34 industries have been received so far. Out of 34 industries, results of 5 industries have been found above the prescribed limit and Notices under the provisions of Water Act, 1974 have been issued. <b>(Annexure-D)</b>
(b)	<b>Action against the identified industries</b> in operation <b>without Consent</b> under Water & Air Act/Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	HPSPCB	All the industries inspected so far have valid Consent to Operate of the HPSPCB. Action will be taken as and when no-compliance observed.
(c)	<b>Action against the industries who have not installed ETPs</b> or ETPs exist but not operating or treated effluent is not meeting the prescribed standards.	HPSPCB	ETP was found out of order in <b>one industry</b> . <b>Orders for disconnection of power supply</b> of the unit has been issued by the State Board.

# Action Taken Report by District Level Task Force

ATR for Rejuvenation of River Ghaggar on (River Markanda) Kala Amb, Sirmour			
Sr. No.	Action taken Points for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Action Taken Report
(d)	Prohibition of Burning of any kind of waste including agro residue	District Administration, SADA Trilokpur	Time to time directions are being issued to SADA Trilokpur to prevent open burning of any kind.
(e)	Estimation of industrial effluent generation and commissioning of CETP.	State Govt., Deptt. of Industries, District Administration	The task of preparation of DPR has been already assigned to M/s Environ Technology Ltd and the same is under progress. An advance of <b>Rs. 3.5 Lakhs has already been issued to the agency for preparation of DPR by the SPV i.e. M/s Kala Amb Infrastructure Ltd.</b> The matter regarding <b>acquisition of land</b> is under the consideration of Director, Industries.
(f)	Setting up of a Solid Waste Management Site at Kala Amb	State Govt., Deptt. of Industries, District Administration	SADA Trilokpur and HPSIDC has been directed by Distt level Special Task Force <b>to identify a suitable land</b> for the setting up of a Solid Waste Management Site at Kala Amb.



# Action Taken Report by District Level Task Force

<b>ATR for Rejuvenation of River Ghaggar on (River Markanda) Kala Amb, Sirmour</b>			
Sr. No.	Action taken Points for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Action Taken Report
<b>II</b>	<b>Domestic Sewage Management</b>		
(a)	Area wise estimation of total population, water requirement and sewage generation.	I&PH, Rural Deptt.	I&PH Sub Division Nahan has assessed the <b>Sewerage Load of Kala Amb and Moginand area which comes around 1 MLD.</b>
(b)	To undertake <b>channelization</b> of Markanda river from Rukhri to Kala Amb (24 KM)	I&PH, HPSIDC	DPR for the channelization of Markanda River from Rukhri to Kala Amb (24 KM) amounting to <b>Rs. 114.02 Crore has been prepared</b> by I&PH Nahan and submitted to the Chairman Ganga Flood Control Commission, Patna for approval. As soon as the funds are received from the <b>Ganga Flood Control Commission, Patna</b> , the work of channelization shall be started.
(c)	Installation of <b>continuous Real Time Water Quality Monitoring Station.</b>	I&PH	In the 8th meeting of the Executive Committee held at Chandigarh on 22-12-2018, Hon'ble Justice Pritam Pal the Chairman of the Executive Committee specifically directed that I & PH shall install the real time WATER quality monitoring stations. <b>Approximately Continuous Real Time Monitoring System is 30.0 Lakhs.</b>
(d)	Proper design, execution of Sewerage Lines to be incorporated in proposed CETP at Kala Amb.	I&PH	I&PH will provide the sewerage lines and the primary treatment. Secondary treatment shall be provided in the CETP. <b>The Preliminary Project Report (PPR) of sewerage system for industrial area Kala Amb and Moginand amounting to Rs. 30. 40 Cr</b> has been prepared by I &PH.

# Action Taken Report by District Level Task Force

## ATR for Rejuvenation of River Ghaggar on (River Markanda) Kala Amb, Sirmour

Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution Remarks
<b>III</b>	<b>Ground Water Quality</b>		
(a)	Sampling of Tube wells, Bore wells, Hand Pumps.	I&PH and HPSPCB	Total 33 no's Samples have been taken by Team of HPSPCB & IPH, results are within the limit.

# Action Taken Report by District Level Task Force

ATR for Rejuvenation of River Ghaggar on (River Markanda) Kala Amb, Sirmour			
Sr. No.	Action Plan for Rejuvenation of River Ghaggar	Agency Responsible for Execution of Task	Time Line for Execution
<b>IV</b>	<b>Miscellaneous</b>		
(a)	Regular monitoring and sampling of water quality of River Markanda and various drains on monthly basis.	HPSPCB	10 No's of Sample are being collected from on the stretch of River Markanda every Month. <b>(Annexure- "E")</b>
(b)	Impact of water pollution on health of public by organizing Health camp	State Health Deptt., Govt. Medical College & Hospital Nahan	Multi Specialty Health Camp has already been organized by Deptt. of Health and Family Welfare in Kala Amb area on 07.12.2018.
(f)	Setting up of Website for public participation	HPSPCB	The "NGT matter" Tab is created on website of State Board at <a href="http://www.hppcb.nic.in">www.hppcb.nic.in</a> .