

**Minutes of review meeting with the officials of Punjab State Government held on 06-10-2018 at 'PPCB, Ludhiana' by Punjab Pollution Control Board for ensuring compliance to Hon'ble NGT Order dated 24.07.2018 in the matter of O.A No 101/2014 titled Sobha Singh &Ors. Vs State of Punjab & Ors.**

Review meeting with the officials of Punjab State Government was held on 06-10-2018 at 'PPCB, Ludhiana' by the Punjab Pollution Control Board. The list of officials who attended the afore-said meeting is annexed (**Annexure-I**).

At the outset, Shri.Pawan Garg, Chief Environmental Engineer (CEE), Punjab Pollution Control Board (PPCB), Ludhiana welcomed Shri. Balbir Singh Seechewal, Member of Monitoring Committee, Shri. J Chandra Babu, Scientist-D (Nodal Officer), CPCB, Shri A.S. Dhaliwal, Member representing Local Government, Punjab State, as well as officials of Punjab State Government present in the meeting.

Thereafter, Sh. Rajeev Sharma, Senior Environmental Engineer (SEE), Punjab Pollution Control Board (PPCB), Ludhiana briefed the Officials that today's meeting is convened by PPCB to review the status of preparation of action plans by the concerned departments including local bodies as per decision taken in 3<sup>rd</sup> meeting of the Monitoring Committee held at PPCB Office, Jalandhar on 26-09-2018. All the concerned departments are required to submit their final action plans to the committee which will be discussed in the 4<sup>th</sup> meeting of the Monitoring Committee proposed to be held at CPCB, New Delhi. He also informed that Shri J Chandra Babu, Scientist-D (Nodal Officer), CPCB and Member of the Monitoring Committee and Shri. Balbir Singh Seechewal were also requested by PPCB to attend the meeting to provide their guidance and both were kind enough to accept the request and have joined the meeting.

Thereafter, Shri J Chandra Babu, Scientist-D (Nodal Officer), CPCB informed that in compliance of the decisions taken in the 3<sup>rd</sup> meeting of the Monitoring Committee, Chief Environmental Engineer (CEE), Punjab Pollution Control Board (PPCB), Jalandhar was requested to provide the necessary information/documents related to the incident of discharge of molasses in river Beas and subsequent action taken by PPCB. CEE, Jalandhar assured that the necessary documents will be provided within 2 days. He further apprised the committee that next meeting of the Expert Committee constituted by the Board for finalizing the action plans of ecology of river Beas is scheduled to be held on 12-10-2018 at PPCB, Patiala.

Shri J. Chandra Babu requested PPCB to submit all the visits reports ( as per the formats) in respect of the STPs visit made by Shri Balbir Singh Seechewal as well as PPCB Officials in compliance to the decision taken by the monitoring committee along with the analysis results of the treated effluent collected during the visits for including in the monitoring committee report. He also suggested PPCB to share the analysis results of sludge generated from STPs (to be get analyzed by the different operating agencies for relevant parameters from a laboratory approved under the Environment (Protection) Rules, 1986 or NABL approved lab) with the agriculture department seeking their opinion for use of STP sludge as manure and for any other mode of final disposal depending on the suitability. Till such time, all the STPs operators be directed to store such sludge in a safe manner. He also requested PPCB to include action plan for dedicated infrastructure required for conveyance of industrial effluent from industrial estate should also be included in preparation of action plan with time lines.

Local Bodies/Department of Housing & Urban Development agencies were requested that their action plans being prepared should include atleast basic components such as identified cities, towns, total water supply, total wastewater

generation, existing scenario with respect to the sewage treatment infrastructure, O & maintenance issues, sludge treatment and disposal, gap analysis and future action plans to cover the gap with timelines depending on the activity. All the departments were also advised to finalize the action plans by incorporating the suggestions and outlines given by the committee.

Shri J.Chandra Babu also suggested all the concerned departments to provide electromagnetic flow meters at four points in STPs i., at inflow, bye-pass arrangement, actual inflow for further treatment, after treatment and records should be maintained and submitted to PPCB once in fifteen days. Such data also should be placed in website. All the outlets of STPs also should be fitted with continuous online effluent monitoring system in consultation with PPCB and action plan should also be included. Further, he stated that infrastructure required for conveyance of sewage from every house hold should be included in the action plans.

It was also suggested that only head of the department along with concerned Nodal officer of the said department shall attend the future meetings of the Monitoring Committee. Department wise Action Plan shall be presented by the Head of the Department only in the next meeting.

The Municipal Corporation, Jalandhar was advised to include the issue of treatment and disposal of waste water generated from Jamsher Dairy Complex in their Action Plan.

Sh. Balbir Singh Seechewal pointed out that besides Jamsher Dairy Complex, other dairy complexes are also discharging their untreated waste water into Kala Singhian Drain directly. To this observation, Municipal Corporation, Jalandhar stated that these dairy complexes are situated outside the Municipal Corporation limits. The Committee decided that in case these dairy complexes are situated outside municipal limits, then Deptt. of Rural Development & Panchayats should include the issue in its Action plan.

Shri.Balbir Singh Seechewal informed that there are various direct outlets into drains in almost all the cities where untreated waste water is being discharged into drains directly. He quoted examples of Jalandhar city which are in his knowledge. The committee decided that Punjab Water Supply & Sewerage Board should conduct a survey and include a proposal with timelines in the final action plan to close the outlet being operated to discharge untreated waste water directly into drains and connect them to STPs through proper conveyance system. Similar exercise shall be carried out by all other agencies/departments in their respective jurisdictions and detailed proposal with timelines be included in the final action plans to be submitted to the monitoring committee.

Shri.Balbir Singh Seechewal also intimated that in case of Noor Mahal town, only fraction of waste water generated is sent to STPs and major component of waste water is still being discharged directly into drain and capacity of STP is not being utilized. To this observation, Sh. Amardeep Singh Dhaliwal, Chief Engineer (O & M), Local Govt. briefed the committee that in Noor Mahal, only 116 sewer connections have been provided against more than thousand water supply connections provided to various households in the town. The issue has been brought to the notice of Highest Authorities and is likely to be resolved very soon. The Committee decided that GLADA who is responsible for operations of STP at Noor Mahal shall include the complete proposal in this regard in the final Action Plan.

Finally, Shri J.C.Babu reiterated that the action plans should be prepared covering all the aspects as discussed in three meetings of the monitoring committee and mainly covering the back ground, existing scenario (details in the form of quantitative,

qualitative and the details depicting in the digital maps), gap analysis (identifying the problems) and prepare action plans with time lines. Apart from submission of the report, a power point presentation also be presented covering the above aspects in the next meeting of the monitoring committee by all the concerned departments.

All the desired information should be provided and also collected from all the concerned departments ( both in hard copy and soft copy) by Nodal Officer, PPCB and same should be submitted to CPCB, within the due date for ensuring compliance to the Hon'ble NGT.

### **Visit to CETP at Focal Point, Phase-VIII, Ludhiana by the Monitoring Committee members**

After the meeting, the monitoring committee members comprising Shri. Balbir Singh Seechewal, Shri J Chandra Babu, Scientist-D (Nodal Officer), CPCB and other officials of PPCB Viz., Sh. Rajeev Sharma, Senior Environmental Engineer, PPCB, Zonal Office-2, Ludhiana; Sh. D.K. Singla, Environmental Engineer, PPCB, Regional Office-4, Ludhiana; Sh. Sushil Kumar, Junior Environmental Engineer, PPCB, Regional Office-4, Ludhiana decided to visit the CETP being operated by M/s JBR Technologies Pvt. Ltd located at Focal Point, Phase-VIII, Ludhiana for treatment of effluent being lifted from small scale electroplating industries of Ludhiana, Jalandhar, Amritsar, Mohali etc.

The CETP Operator informed that there are 1615 members providing their trade effluent to the CETP. About 45 KLD of trade effluent from 150-200 industries is being lifted daily. 80% of the trade effluent received and treated goes to the adjoining dyeing industry. Vehicle used by the CETP for collection of industrial effluent from member industries is fitted with GPS.

Following suggestions were made by the monitoring committee members for carrying out necessary improvements by the CETP Operator within two months:-

- (i) The CETP Operator is required to provide information on industry-wise information regarding quantity for which agreement has been made, quantity actually lifted on monthly basis for the last one year. PPCB shall also provide the list of all these electroplating industries along with consented quantity of trade effluent to be generated.
- (ii) The transportation vehicles used for collection of industrial effluent should be lined with acid proof lining on sides and at bottom with a spill collection provision at the bottom for collection of spillages during the transportation or may also use closed type of tanker with all necessary provisions. Such collected spillages may be ensured further treatment.
- (iii) The transportation vehicles should be provided with name and contact details of the CETP Operator on all the four sides so that the information can be provided in case of any eventuality/accident.
- (iv) PPCB should direct all the member industries of CETP to provide only neutralised industrial effluent to the CETP Operator, considering the safety aspects during transportation and handling of such industrial waste water.
- (v) Automatic dosage system in place of the manual dosage of lime bepracticed by the CETP operator for neutralisation of untreated effluent.

- (vi) All the CETP areas should be properly earmarked by providing proper sign boards and also a layout of ETP at the entrance and also display board at the entrance indicating validity of consent and authorisation, wastewater treatment capacity and contact details of the CETP, should be provided by the Operator.
- (vii) The CETP should provide acid proof lining in the collection tank and the trenches in which the effluent is collected from the tankers, with proper sealing to avoid soil contamination.
- (viii) House keeping needs improvement.
- (ix) Instead of sludge drying beds, drum filter or centrifuge may be used for sludge handling prior to the disposal through TSDF Operator.
- (x) Proper records should be maintained by the CETP Operator and submitted.

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**List of Participants**

**Review Meeting for ensuring compliance to Hon'ble NGT Order dated 24.07.2018 in the matter of O.A No 101/2014 titled Sobha Singh &Ors. Vs State of Punjab &Ors (Held on 06-10-2018 in PPCB, Focal Point, Ludhiana)**

<b>Sr. No</b>	<b>Name of the Official</b>	<b>Designation and Organization</b>	<b>Contact Tel. No/Mobile No. and E-mail ID</b>
1.	ShBalbbir Singh Seechewal	Member of Monitoring Committee	
2.	ShJ.ChandraBabu	Scientist and Nodal Officer, CPCB	<a href="mailto:jcb.cpcb@nic.in">jcb.cpcb@nic.in</a> 9868278903
3.	Sh. A.S. Dhaliwal	Chief Engineer (O & M), Local Govt.	9988824055
4.	Sh. Kul Bhushan	E.O. M.C. Kapurthala	9876810010
5.	Tarlochan Singh	J.E. M.C. Kapurthala	9646135696
6.	Dasmander Singh	A.M.E. M.C. Jallalabad	9646003360
7.	Ravinder Garg	S.E. (O & M) M.C. Ludhiana	9988820840
8.	Rajinder Singh	S.E. M.C. Ludhiana	9780900123
9.	Pardeep Kumar	Xen (O & M), M.C. Ludhiana	9780039407
10.	Ashish Rai	Xen, PWSSB, Hoshiarpur	9815985242
11.	H.L. Gupta	S.E. PWSSB, Ludhiana	9417373073
12.	Jitin Vasudeva	EE, PWSSB, Div-1, Jalandhar	9427663503
13.	G.P. Singh	EE, PWSSB, Ludhiana	8054006924
14.	Chhinderpal Singh	SDE, Punjab Water Supply and Sewerage Board, Ludhiana	7589406164
15.	Anmol Chopra	J.E. GLADA	7986795342
16.	Rajesh Mahajan	SDO GLADA	9646138595
17.	Ranbir Singh	Xen (O & M)	9780039477
18.	Ekjot Singh	SDO (O & M), M.C. Ludhiana	9780013004
19.	Gagandeep Singh	SDE/MCJ	9814224554
20.	Kishar Bansal	S.E./M.C. Jal	9780042183
21.	Madan Singh	E.O. M.C. Dasuya	9915102702
22.	S.S. Randawa	E.O. M.C. Jagraon, Mullanpur	9814338927

23.	Satyajeet	J.E. M.C. Jagraon	9646020300
24.	Sandeep	PPCB, Zonal Office Lab, Jalandhar	9878950576
25.	Lata Chauhan	Xen, PWSSB	9780448438
26.	Sandeep Himalayan	Project Manager (HWTSDB, Nimbua)	9914260516
27.	Zorawar Singh Sidh	Deputy Project Head (CHWTDF, Nimbua)	9781034120
28.	Narinder Singh Sidhu	S.D.E. West and & Sanitation Sub Division no. 6, Sri Muktsar Sahib	9876500369
29.	AviTuteja	S.D.E. West and & Sanitation Sub Division no. 1, Sri Anandpur Sahib	8837703259
30.	MukeshJaggi	Sr. Manager Medicare, Ludhiana	9814022361
31.	Gaurav Dhir	ADO, Ludhiana Deptt. of Agriculture & Farm	9646104075
32.	Hardev Singh	CAO Ludhiana and Agronomist	9888483098
33.	Sunny Gogna	Executive Engineer PWSSB, Div No. 2, Jalandhar	9646818881
34.	Dr.Dhanminder Singh	Deptt. of Soil Science, PAU, Ludhiana	9988246643
35.	Dr. Ramesh Kumar	Dish Epidemiologist Civil Surgeon Officer, Ludhiana	9855716180
36.	Babit Singh	E.O. M.C. SultanpurLodhi	9780002220
37.	A.K. Kalsi, Senior Environmental Engineer	SEE, PPCB, Zonal Office-1, Ludhiana	9878950508
38.	Er. Sandeep Behl	SEE, PPCB, Zonal Office, Amritsar	9878950518
39.	G.S. Majithia	CEE, PPCB, Jalandhar	9878950509
40.	Pawan Garg	CEE, PPCB, Ludhiana	9872794400
41.	Shena Aggarwal	ADC, D Ludhiana	9872751154
42.	Sukhjeet Singh	Seechewal	9417044263
43.	Shri R.Sharma	EE and Nodal Officer, PPCB	9779054005