

Subject: Proceeding of the meeting taken by the Hon'ble Chief Secretary to Govt. of Punjab, at 4.00 p.m on 19/1/2012 in the matter of CWP no. 7036 of 2005 titled as Nirbhai Singh V/s State of Punjab regarding Cleaning of Budha Nallah.

The following were present.

1. Sh. S.S. Channy, I.A.S.
Principal Secretary, to Govt. of Punjab,
Department of Industries and Commerce,
Udyog Bhawan, Chandigarh.
2. Sh. Viswajeet Khanna, I.A.S.
Secretary to Govt. of Punjab,
Deptt. of Science, Technology and Environment,
Chandigarh.
3. Sh. Raminder Singh , I.A.S.
Secretary to Local Govt. of Punjab,
Chandigarh
4. Sh. Ravinder Singh-I PCS,
Chairman,
Punjab Pollution Control Board,
Patiala.
5. Sh. Jarnail Singh
Conservator of Forests,
Jalandhar
6. Sh. M.S. Jaggi,
Commissioner,
Municipal Corporation, Ludhiana
7. Dr. Babu Ram, Member Secretary,
Punjab Pollution Control Board,
Patiala
8. Sh. H.C. Gujral,
Principal Chief Conservator of Forest, Haryana &
Punjab
Chandigarh
9. Sh. Satpal Augurala ,
Managing Director,
Punjab Water Supply and Sewerage Board,
Chandigarh.
10. Sh. Anil Kumar Sondhi,
Chief Conservator of Soils (Punjab),
Department of Soil and Water Conservation,
Chandigarh
11. Sh. Vinod Chaudhary,
Chief Engineer (Drainage),
Deptt. of Irrigation,
Chandigarh.

12. Sh. A.S. Dhaliwal,
Chief Engineer (O& M),
Local Government.
Chandigarh
13. Sh. S.S. Grewal,
Superintending Engineer (Canal),
Deptt. of Irrigation, Chandigarh.
14. Sh. Krunesh Garg,
Senior Environmental Engineer,
Punjab Pollution Control Board,
Zonal Office-II, Ludhiana

At the outset, Member Secretary, Punjab Pollution Control Board apprised that while disposing of the Civil Writ Petition no. 7036 of 2005 titled as Nirbhai Singh V/s State of Punjab and subsequent Civil Writ Petitions regarding Control of Pollution in Budha Nallah, the Hon'ble High Court had directed that the high power Committee already constituted under the chairmanship of Chief Secretary concerning Budha Nallah shall continue to meet periodically and shall also monitor actively, protection and preservation of Budha Nallah, its environment and ecology and that of Ludhiana city. Hon'ble High Court has ordered, "to ensure probity and transparency in the affairs of the Committee, we direct it to publish the action taken report quarterly so that in case any citizen or a well meaning group is aggrieved he can again approach this Court for redressal of the grievance. We do hope and expect that in the light of what has been noticed in this judgment and the observations made, the above said Committee duly constituted under the Chairmanship of Chief Secretary shall perform its part and achieve desired results".

Thereafter, the Department wise progress report of various activities being performed for Cleaning of Budha Nallah was discussed.

1. Punjab Water Supply and Sewerage Board

It was informed that the work of augmentation of 105 MLD Sewage Treatment Plant at Village Balloke under JNNURM has been completed and commissioned, MPS Balloke has also been completed and commissioned.

The augmentation work of sewage treatment plant at Bhattian by 50 MLD is in progress and 99.5% work has been completed. The progress was found satisfactory

Regarding operation and performance of existing STPs, it was informed that STP are being operated regularly and the monitoring of STPs is being carried out by Punjab Pollution Control Board in association with Punjab Water Supply and Sewerage Board regularly. Member Secretary, Punjab Pollution Control Board informed that the various parameters at the outlet of the STPs installed at Village Balloke & Bhattian

are marginally higher than the prescribed standards with respect to BOD whereas, the STP installed at Village Jamalpur needs to be operated efficiently.

Regarding laying of sewer lines, it was informed that 35.40 Km of Main Sewer & 155.60 Km of Lateral Sewer has been laid. Managing Director, PWSSB informed that the progress is slow due to non-receipt of funds from Municipal Corporation. Commissioner, Municipal Corporation, Ludhiana contested & informed that 60% payment i.e. 154.08 crore has already been made to Punjab Water Supply & Sewerage Board & work wise utilization certificate is required from Punjab Water Supply & Sewerage Board to disburse further funds.

It was decided that Punjab Water Supply & Sewerage Board will operate the existing STPs regularly and ensure the achievement of prescribed standards. The augmentation work of the STPs shall be completed in a time bound manner. The Punjab Pollution Control Board will monitor the STPs regularly on monthly basis. Managing Director, Punjab Water Supply & Sewerage Board was asked to provide the utilization certificates to Municipal Corporation, Ludhiana for provision of further funds for the project.

2. Deptt. of Industries and Commerce

a) 117 MLD, CETP at Tajpur Road, Ludhiana

The Principal Secretary, Deptt. of Industries and Commerce informed that land measuring 32 acres has already been notified on 24/2/2011 as industrial zone for establishment of CETP at Tajpur Road by the Department of Industries and Commerce. DPR has been prepared by the consultant & submitted on 13.6.2011. Punjab Dyers Association, Ludhiana had published notice inviting RFQ on 8.8.2011 & short listed 14 bidders on 14.10.2011. A pre bid conference was held on 7.11.2011. Punjab Dyers Association, Ludhiana has requested the Government to act as guarantor so that the successful bidder can arrange finances for the project which is under consideration. The case for Environmental Clearance for project was considered by EAC of MoEF on 16.12.2011 and committee has raised certain observations before recommending the case to MoEF for grant of Environmental Clearance.

b) 15 MLD, CETP at Bahadur ke Road, Ludhiana

Regarding CETP at Bahadur Ke Road, which is being provided by M/s Bahadur Ke Textile & Knitwear Association, land measuring 4 acres has been arranged. The Punjab Pollution Control Board has granted consent to establish (NOC) to the association for setting up of the common effluent treatment plant based on Zero Liquid Discharge Technology. Case for Environmental Clearance from MoEF, was considered for fixing of Terms of References (TOR) by the Expert Appraisal

Committee (EAC) on 10.1.2012 and the case has been recommended for fixation of TOR.

It was decided that the Department of Industries shall take a meeting with the Punjab Dyers Association so as to pursue the SPVs to make arrangements for the finances for the project as it will not be possible for the Government to provide its land as a guarantee for the project & ask them to implement the project in time bound manner so as to avoid any legal action under the provisions of the Water Act, 1974. The Department of Industries shall ensure that the Common Effluent Treatment Plant (CETP) are installed in a time bound manner.

c) CETP for small scale electroplating industries

It was further informed by Member Secretary, Punjab Pollution Control Board that the CETP for small scale electroplating industries installed at focal point, Ludhiana is being monitored every month to ensure the achievement of standards. The CETP was monitored recently on 21/12/2011. The treated effluent was found to be achieving the prescribed standards. The treated effluent is being reused by nearby dyeing industry for its process. Presently, 605 industries of Ludhiana have joined the CETP. The quantity of effluent being received for the treatment has increased from 4040733 ltrs./month to 4452789 ltrs/month from 1/6/2010 to 31/12/2011 due to regular persuasion of the Board. The Board has also given a project to Guru Nanak Dev Engineering College (GNDEC) students to identify the illegal electroplating units operating in different areas of Ludhiana. GNDEC has indentified 111 such units out of which 65 were found to be engaged in the process of electroplating. All such units have been given notices to join the Common Effluent Treatment Plant for treatment of their effluent. Besides, 158 small scale electroplating units of Jalandhar area are also transporting their effluent to the CETP at Ludhiana.

3. Department of Soil and Water Conservation

The Chief Conservator of Soils (Punjab) submitted that an amount of Rs. 1,25,90,368/- has been utilized for the laying of 8980 meter pipeline and the project is in working condition. Previously, the work on the remaining part of the project was halted by the farmers. The department has persuaded these farmers and also new farmers to complete the project. The work on the project shall be completed according to the funds available. The remaining amount of Rs. 4,94,674/- is kept towards its operational and repair & maintenance cost. The department is pursuing the farmers to use the water for irrigation and also constituted a water user association. Although, the irrigation lines are laid, the users are still reluctant to use this treated wastewater for irrigation because of black color and foul smell. The Punjab Water Supply & Sewerage Board is required to improve the treatment of water so as to make it fit for irrigation. Member Secretary, Punjab Pollution Control

Board intimated that the odors in the treated water may be due to high no. of fecal coli forms which needs to be tackled by proper chlorination. M.D. Punjab Water Supply & Sewerage Board assured to look into the matter and improve treatment of effluent so as to make it fit for irrigation

4. Deptt. of Irrigation (Drainage)

The Chief Engineer, Deptt. of Irrigation (Drainage) was directed to regularly undertake cleaning/ de-silting of Budha Nallah in coordination with Municipal Corporation, Ludhiana.

5. Municipal Corporation, Ludhiana

The Commissioner, Municipal Corporation, Ludhiana intimated that municipal corporation has already paid 1.10 crore out of 2.61 crore for operation & maintenance of sewage treatment plants. the project regarding lining of remaining portion / banks of Budha Nallah as well as construction of new road along banks of Budha Nallah has been started and 70% work has been completed. The temporary disposal plants through which the household sewage is discharged directly into Budha Nallah are going to be plugged in a phased manner. The likely date of plugging for disposals at Sunder Nagar, Kundan Puri, and Tibba Road (being done by NHAI) is 31/3/2012 and disposals at Gaughat, Shingar Cinema, Transport Nagar & Ganesh Nagar will be plugged by 31/12/2012. The cleaning of 3700 meter length of 78" sewer line from Hukam Singh road to Baba Than Singh Chowk is being carried out at a cost of 2.89 crore out of which 2400 meters have been desilted. Desilting of sewer length of 3500 meters from Baba Than Singh Chowk to Pal Singh Pertol Pump, Chandigarh Road will be taken up after election code. Also, an estimate of Rs. 83.76 Lacs for laying rising main of Transport Nagar and Shingar Cinema disposal, has been received from Punjab Water Supply & Sewerage Board and the same will be got approved after lifting of election code.

Regarding municipal solid waste management the project has been assigned to M/s A2Z Infrastructure Ltd; Gurgaon on 30.11.2011 and company has started lifting garbage from 14 wards. The remaining wards will be handed over by 31.3.2012. M.C. Ludhiana has already handed over possession of 55 acre of land at Jamalpur for solid waste management and processing plant to A2Z Company. The agency has started the development work at site.

The Hon'ble Chief Secretary directed that project for municipal solid waste management shall be completed in a time bound manner. The Municipal Corporation, Ludhiana was further directed to plug the various sewerage outlets discharging sewage into Budha Nallah by 31/3/2012.

6. Department of Forests

The Principal, Chief Conservator of Forests, Govt. of Punjab intimated that 58,000 plants have planted till date from RD 0-16 from year 2008-09 to till date along the banks of Budha Nallah in an approximate area of 58 hectares. The survival rate of the plant is around 70% . In addition to this 2,52,763 plants have been planted or distributed to public in the city area of Ludhiana. The Deptt. of Forests was directed to continue to plant trees in and around Ludhiana especially along the Budha Nallah to improve the environment.

7. Deputy Commissioner, Ludhiana

Regarding diversion of sullage of remaining villages namely Gaunspura, Partap Singhwala, Tajpur Bet and Mallewal, it was informed that the decision regarding laying of sewer lines for village Partap Singhwala and Tajpur Bet is pending in the M.C. house. As per information received from DDPO, pond for diversion of sullage of village Gaunspura has been constructed and for Mallewal, Director, Panchyat has been requested to provide funds to lay pipe lines.

The Hon'ble Chief Secretary directed that Department of Rural Development shall lay sewer lines to divert the sullage of these villages to stop the discharge into Budha Nallah and to provide funds for the same. It shall coordinate with MC, Ludhiana for connecting to MC sewer for 2 villages namely Partap Singh Wala and Tajpur Bet. He further directed that the work be completed in a time bound manner.

8. Punjab Pollution Control Board

The Member Secretary, Punjab Pollution Control Board informed that since September, 2010, 2711 industries were monitored to ensure the regular operation of effluent treatment plants and air pollution control devices. Out of these 2711 industries, 518 effluent samples were collected, of which 108 industries were found not achieving the prescribed standards. During 1/9/2010 to 30/11/2011, 428 air emissions samples were collected from the industries. Out of these 428 industries, 14 industries were found not achieving the prescribed standards. Notice for violation of the provisions of pollution control laws have been issued to respective violating industries. Besides, 131 electroplating industries, which were not members of the CETP, have now joined CETP with the vigorous persuasion of PPCB. The Board has also engaged the Guru Nanak Dev Engineering College to carry out the identification of electroplating industries operating in different part of the Ludhiana city without permission & 111 units have been identified out of which 65 are electroplating units.

The Industries are being persuaded to shift their storageable hazardous waste to common TSDF. The total waste shifted from 1/9/2010 to date is 6883.75 MT. Monthly awareness camps/ meetings are being organized with the Industrial Associations. The Board is monitoring these industries for strict compliance. The

surface water flowing in Budha Nallah as well as Sutlej river is being monitored on a regular basis. The concentration of heavy metals in the Budha Nallah has shown a decreasing trend with the regular operation of the CETP for the treatment of effluent of small scale industries and installation of ZLD technology by large & medium electroplating units. The results are as under:

#	Parameters *	Permissible limits for discharge into inland surface water	2006	2008	2010	2011
1.	Zinc	5.0	1.71	1.81	1.0	1.33
2.	Nickel	3.0	5.05	0.462	0.15	0.15
3.	Total Chrome	2.0	0.53	0.42	0.17	0.26
4.	Cadmium	2.0	ND	0.444	ND	ND
5.	Lead	0.1	0.15	0.23	ND	ND
6.	Iron	3.0	9.0	23.3	9.83	2.34
7.	Copper	3.0	0.39	0.30	0.08	ND

*** All results are in mg/l**

The Hon'ble Chief Secretary further directed as under:

1. The concerned departments shall make every effort to complete the projects relating to their departments in a time bound manner.
2. For the compliance of the orders of the Hon'ble High Court, the minutes of the each meeting regarding '**Cleaning of Budha Nallah**' to be held under the Chairmanship of Chief Secretary, Punjab may be displayed on the website of Punjab Pollution Control Board as well as State Govt.

Meeting ended with a vote of thanks to the Chair.

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It is submitted that a meeting on the above noted subject was held under the chairmanship of Hon'ble Chief Secretary to Govt. of Punjab, at 4.00 p.m on 19/1/2012. The draft proceedings of the meeting are placed below for your kind perusal and approval please.

**(Krunesh Garg)
Senior Environmental Engineer
Zonal Office-II, Ludhiana**

Member Secretary