



PUNJAB POLLUTION CONTROL BOARD

REGIONAL OFFICE, FATEHGARH SAHIB

Near RIMT Management College, G.T. Road, Mandi Gobindgarh

TELE- FAX-01765-242400

No. 101535

Dated 27/7/16

To

1. The Senior Superintendent of Police, Fatehgarh Sahib	12. Sh. H.S. Matharu, Executive Engineer, Punjab Small Industries & Export Corporation, 18, Himalya Marg, Udyog Bhawan, Sector-17-A, Chandigarh-160017
2. The Executive Director, Punjab State Council for Science and Technology, MGIPA Complex, Sector 26, Chandigarh, 160019	13. The General Manager, District Industries Centre, Fatehgarh Sahib
3. The Sub Divisional Magistrate, Amloh	14. The Sub Divisional Engineer, Punjab Water Supply & Sewerage Board, Mandi Gobindgarh (Near MC Office)
4. The District Transport Officer, Fatehgarh Sahib	15. The Asstt. Executive Engineer, Punjab Small Industries & Export Corporation, Mandi Gobindgarh
5. The Divisional Forest Officer, Patiala	16. The District Agriculture Officer, Deptt. of Agriculture, Fatehgarh Sahib
6. The Executive Officer, Municipal Council, Mandi Gobindgarh	17. The General Manager-cum- Project Director, NHAI, 17-L, Model Town, Ambala City.
7. The Civil Surgeon, Fatehgarh Sahib	18. GAIL India Ltd., Udyog Bhawan, Annexure Building, 18, Himalya Marg, Chandigarh-1600017
8. Sh. Subhash Chandra, Executive Engineer, Punjab Water Supply & Sewerage Board, Division No. 2, Patiala	19. The President, Gobindgarh Steel Chamber of Commerce & Industries, Mandi Gobindgarh
9. The Executive Engineer, PWD (B & R), Sirhind, Distt. Fatehgarh Sahib	20. The President, All India Steel Re-Rollers Association, Mandi Gobindgarh
10. The Executive Engineer, (Drainage), Deptt. of Irrigation, Drainage Division, Patiala	21. The President, Small Scale Steel Re-Rollers Association, Mandi Gobindgarh
11. The District Town Planner, Fatehgarh Sahib	22. The President, Mandi Gobindgarh Induction Furnace Association, Mandi Gobindgarh

Subject: Proceedings of the local committee meeting held on 21/7/2016 under the Chairmanship of Sh. Kamaldeep Singh Sangha, IAS, Deputy Commissioner, Fatehgarh Sahib to review the progress made by various departments for implementation of Action Plan for abatement of pollution in critically polluted area of Mandi Gobindgarh.

Please find enclosed herewith, a copy of the proceedings of the meeting of local committee held on 21/7/2016 under the Chairmanship of Sh. Kamaldeep Singh Sangha, IAS, Deputy Commissioner, Fatehgarh Sahib, to review the progress made by various departments for implementation of Action Plan for abatement of pollution in critically polluted area of Mandi Gobindgarh.

I am hereby directed to request you to bring written progress report in future in the action plan meetings and an advance copy of the same is to be submitted to this office well before date of meeting.

DA/As above


Environmental Engineer

Endst. no. 1036.....

dated 27/7/16

A copy of the above alongwith copy of proceedings is forwarded to the PA to Deputy Commissioner, Fatehgarh Sahib for kind information please.
DA/As above

Endst. no. 1027.....

dated 27/7/16

A copy of the above alongwith copy of proceedings is forwarded to the Senior Environmental Engineer, Punjab Pollution Control Board, Zonal Office-II, Patiala for kind information please.
DA/As above

Environmental Engineer

Annexure-A

Subject: Proceedings of the local committee meeting held on 21/7/2016 under the Chairmanship of Sh. Kamaldeep Singh Sangha, Deputy Commissioner, Fatehgarh Sahib to review the progress made by various departments for implementation of Action Plan for abatement of pollution in critically polluted area of Mandi Gobindgarh

Following were present:

S.N.	Name of the Officer & Designation	Name of the Department
1.	Sh. Arvind Kumar, PCS	SDM, Amloh
2.	Er. Lavneet Kumar, EE	Transport Department PPCB, Regional Office, Fatehgarh Sahib
3.	Sh. Gurdas Singh, GM	District Industries Centre
4.	Sh. Parshotam Singh, DSP	Punjab Police, Amloh
5.	Sh. Subhash Chandra, Xen	Punjab Water Supply and Sewerage Board, Patiala
6.	Smt. Preet Kanwal, DTP	District Town Planer, Fatehgarh Sahib
7.	Dr. Sandeep Singh, DMC	Civil Surgeon, Fatehgarh Sahib
8.	Sh. H.S. Matharu, EE	PSIEC, Chandigarh
9.	Sh. Parshotam Kumar, ME	Municipal Council, Mandi Gobindgarh
10.	Er. Gursharan Dass Garg, AEE	PPCB, Regional Office, Fatehgarh Sahib
11.	Sh. M.K. Garg, SDE	PWD (B & R), Sirhind
12.	Sh. Ranjit Singh, Process Engineer	PSCST, Chandigarh
13.	Sh. Kunal Sharma, JEE	Irrigation Department (Drainage), Patiala
14.	Sh. Gurvinder Pal Singh, JEE	Municipal Council, Mandi Gobindgarh
15.	Sh. Mewa Singh, Asstt. Agri Engineer	Chief Agriculture Office, Fatehgarh Sahib
16.	Sh. Kuldeep Singh, DPRO	Fatehgarh Sahib
17.	Sh. Shaminder Singh, Block Officer	Forest Department
18.	Sh. Kulwinder Singh	Forest Department
19.	Sh. Vijay Kumar	O/o Civil Surgeon, Fatehgarh Sahib
20.	Sh. Amit Kumar Shankar	AHE (NHAI)
21.	Sh. Sanjeau Mourya	QCE (SOMA-Isolux)
22.	Sh. Kamaljit Singh	GAIL Authorities
23.	Sh. B.C Verma	AISRA, Mandi Gobindgarh

At the outset, Er. Lavneet Kumar, Environmental Engineer, PPCB, Regional Office, Fatehgarh Sahib welcomed the Chairperson of Hon'ble Deputy Commissioner, Fatehgarh Sahib with all the stake holders and presented brief background of action plan to improve the Environment of Mandi Gobindgarh. Punjab Pollution Control Board informed the house that the Industrial cluster of Mandi Gobindgarh was identified as one of the critically polluted clusters by the Ministry of Environment & Forests vide office memorandum J-11013/5/2010-IA II (I) dated 13/1/2010. Punjab Pollution Control Board has taken this as a challenge and also as an opportunity in order to achieve significant improvements in environmental quality and pave the way for sustainable development in the area. A comprehensive remedial environmental action plan was prepared in consultation with all the stakeholders, including industrial Associations. The multidisciplinary action plan is based on Prevention, Promotion and Mitigation (PPM) principles emphasizing on a time bound implementation of effective measures. The target dates given to various departments for the implementation of the action plan has already been expired however, the desired progress has not been made. He requested all the departments to give fresh target dates alongwith the reasons for not achieving the previous target dates. He also informed that issues regarding the Action Plan were discussed during the meeting held on 16/7/2016 under the Chairmanship of Secretary, Science, Technology and Environment. They pointed out certain observations regarding the progress of Action Plan. Then, department wise presentation was given to the house as under:

Deptt. of Industries & Commerce / PSIEC / PSIDC/ DTP

S. N.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Supply of CNG to rolling mills and forging units through the gas pipeline being laid by GAIL (Gas Authority of India Ltd.)	July, 2013	<ul style="list-style-type: none"> • In the previous meeting, Chairperson directed representative of the GAIL authorities to supply the gas to M/s Parbhat Heavy Forge immediately so that this unit become a model unit of the State. • Representative of GAIL authorities informed that GAIL is now not able to supply gas to M/s Parbhat Heavy Forge as the bid has now been awarded to M/s IRM Energy Pvt. Ltd. for District Fatehgarh Sahib by Petroleum and Natural Gas Regulatory Board (PNGRB). He also informed that GAIL has also taken legal opinion from its legal cell and as per the opinion of legal cell, GAIL now cannot supply CNG to M/s Parbhat Heavy Forge. GAIL can only supply gas to its existing customers before the bid. • The representative of GAIL further informed that the security of 102 no. industries have been refunded back by the GAIL. 	<ul style="list-style-type: none"> • Chairperson informed that M/s IRM Energy Pvt. Ltd., should abide the conditions of agreements made between industries and GAIL. • Chairperson directed that representative of M/s IRM Energy Pvt. Ltd. should be called in the next bimonthly meeting.
2.	Provision of environmental infrastructure in Focal Point, Mandi Gobindgarh including wastewater treatment facilities, improved water supply, road infrastructure, parking facilities and green cover within the industrial areas.	(i) Repair of sewerage system by 31.3.2011. (ii) Provision of treatment & disposal facilities by 31.12.2011.	<ul style="list-style-type: none"> • In the previous meeting, Chairperson directed to representative of PSIEC to pursue the mater personally so that STP should be installed within stipulated time period i.e. by 30/6/2016 and commissioned by 30/9/2016 • EE, PSIEC informed that the project is being delayed due to non-availability of funds to be released through MSME scheme. He further informed that meeting for releasing the funds is expected to be held on 27/7/2016 and after approval, the STP will be established and commissioned within one year. 	<ul style="list-style-type: none"> • Chairperson directed to speed up the work and install STP at the earliest after approval.
3.	Shifting of industries, which are located in the non-designated areas, to the designated areas	Industries located in non-designated area will be shifted as per the provisions made in the	<ul style="list-style-type: none"> • In the last meeting, Chairperson directed DTP to follow up the matter with GMADA and get the issuance of necessary continuation certificates to the concerned industries. 	<ul style="list-style-type: none"> • Chairperson directed that DTP will hold a meeting with 2 no. industries and persuade them to take permission from GMADA.

		Master Plan to be notified by the Government for Mandi Gobindgarh.	<ul style="list-style-type: none"> DTP informed that continuation certificates has already been issued to 7 no. industries, 2 no. industries have not submitted some of requisite documents. 	
4.	Awareness campaign to increase green cover in industrial areas.	<ul style="list-style-type: none"> Continuous 	<ul style="list-style-type: none"> In the last meeting, it was decided that more plantation be carried out. 	<ul style="list-style-type: none"> Chairperson directed that more plantation be carried in the rainy season.

Deptt. of Local Bodies / M.C. Mandi Gobindgarh/ PWSSB

S. N.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Installation of STP and disposal of treated wastewater onto land for irrigation / plantation.	31/12/2011	<ul style="list-style-type: none"> Xen, PWSSB informed that 98% of total work of STP has been completed. He further informed that the STP will be commissioned by 31/8/2016. 	<ul style="list-style-type: none"> Chairperson was satisfied with the progress and directed to commission the STP by 31/8/2016. Chairman directed that a joint meeting may be called of Devigarh Mandal, Department of Irrigation, Soil Conservation Department and Chief Agriculture Officer with Xen, PWSSB regarding the utilization of treated domestic effluent of STP into agriculture fields nearby and treated effluent should not be discharged into drain. This committee will submit plan in the next bi-monthly meeting.
2.	Laying of sewer lines in remaining areas and connecting with the sewage treatment facilities.	30/9/2013	<ul style="list-style-type: none"> In the previous meeting, Chairperson suggested that a bare minimum land for pumping station may be bought by MC, Mandi Gobindgarh as acquiring the land is a very lengthy procedure. Chairperson also directed that land should be purchased after negotiation before the next meeting. Xen, PWSSB informed that now the revised project has been prepared, in which no additional land is required. The project has been sent to MC, Mandi Gobindgarh for administrative approval as well as 	<ul style="list-style-type: none"> Chairperson directed MC, Mandi Gobindgarh to release the funds to PWSSB.

			<p>releasing the funds.</p> <ul style="list-style-type: none"> MC, representative informed that resolution of Rs. 49 Lacs has been passed and case has been to Director, Local Govt for approval. 	
3.	Development of engineered municipal solid waste dump site and compliance of provisions of the Municipal Solid Waste (Management & Handling), Rules, 2000	<ul style="list-style-type: none"> Identification of land fill site by 30.09.2010. Development of land fill site by 31.12.2011. 	<ul style="list-style-type: none"> MC, Mandi Gobindgarh submitted a report dated 20/7/2016 in the meeting. As per this report, MC is complying with the 10 point action plan of MSW Rules, 2000. SDM, Amlah and MC authorities informed that 250 no. trees have been planted along the boundary of earlier purchased MSW site at Vill. Badali. 	<ul style="list-style-type: none"> Chairperson directed to maintain plantation made MSW dumping site at Vill. Badali and plant more trees. .
4.	Improvement of Road infrastructure for better and smooth traffic movement.	Continuous	<ul style="list-style-type: none"> MC authorities informed that work of laying of bitumen has been completed except Old Radha Swami Road, which has been delayed due to rainy season. 	<ul style="list-style-type: none"> Chairperson directed the MC, Mandi Gobindgarh to speed up the work.
5.	Upgrading traffic lights for smooth traffic movement.	<ul style="list-style-type: none"> Identification of congested traffic cross sections by 30/9/2010. Upgradation and implementation of plan by 31/12/2010. 	<ul style="list-style-type: none"> MC authorities informed that two no. objections have been raised from the Higher Authorities that who will carry out the maintenance of CCTV cameras and whether the permission has been obtained from Home/ Police Department. MC authorities informed that tenders will be floated for the installation of CCTV camera at different locations. 	<ul style="list-style-type: none"> Chairperson directed the MC to speed up the work in consultation with local police authorities. .
6.	Steps for compulsory installation of rainwater harvesting structure by the different establishments within the city.	Continuous	<ul style="list-style-type: none"> In the last meeting, Chairperson directed MC authorities to issue letters to Architects/ Draftsmen to provide detailed design of rainwater harvesting system in the building plans. Chairperson further directed to impose a condition to Architects/ Draftsmen at the time of issuing licence. The progress will be monitored in the next meeting. ME, MC, Mandi Gobindgarh informed that building plans of the house having area more than 250 Sq. yards are being issued with the provision of rainwater harvesting system. ME, MC, Mandi Gobindgarh also informed that no checking of these houses has been carried out. 	<ul style="list-style-type: none"> Chairperson directed MC authorities to submit a concrete progress report in the next bimonthly meeting. Chairperson also directed MC, Mandi Gobindgarh to provide rainwater harvesting system as modal in MC Office, Mandi Gobindgarh as a model so that people may see it and implement the same in their houses. .

7.	Increasing green cover in city and provision of green belt/ buffer zones separating industrial areas from residential areas.	<ul style="list-style-type: none"> ➤ First phase of plantation by 31/8/2010. ➤ Second phase of plantation by 28/2/2011. ➤ Plantation shall be done regularly. 	<ul style="list-style-type: none"> • ME, MC, Mandi Gobindgarh informed that 1650 no. trees (550 Chakersia, Ficus and other trees) were planted at Truck Stand, MC Office, Shree Hargobind Singh Khalsa School and Aggarsain Park. 	<ul style="list-style-type: none"> • Chairperson directed the MC authorities to plant more trees in co-ordination with District Forest Department in the rainy season.
8.	Mandatory requirement to provide canopies with the exiting D.G sets alongwith stacks as per norms fixed by the PPCB and not to allow any shop, office/ commercial establishment to install D.G. sets without canopy and to take policy decision regarding regulation of D.G. sets in residential houses.	Existing D.G. sets by 31/12/2010.	<ul style="list-style-type: none"> • In the last meeting, Chairperson expressed satisfaction over the progress made in this regard and directed the officials of MC, Mandi Gobindgarh to provide canopies on the remaining DG sets provided with the tubewells of MC, Mandi Gobindgarh and to pursue the commercial establishments identified by it to provide canopies on the DG sets. • ME, MC, Mandi Gobindgarh informed that the DG sets which are without canopies are not being operated as these DG sets are more than 15-years old and will be disposed off shortly. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress.

Deptt. of Transport

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Plan for effective traffic management including provision of traffic lights, notification of one way traffic, parking of vehicles at the designated place, challaning of polluting vehicles etc.	Traffic management plan to be prepared by 31/12/2010 and to be implemented thereafter on regular basis.	<ul style="list-style-type: none"> • The flyovers have been constructed by NHAI in Mandi Gobidngarh for smooth movement of traffic. 	<ul style="list-style-type: none"> • Chairperson directed the DTO, Fatehgarh Sahib to challan the vehicles for wrong parking.
2.	Phasing out of 15 years old commercial transport vehicles.	➤ Continuous	<ul style="list-style-type: none"> • District Transport Officer, Fatehgarh Sahib submitted an undertaking vide its letter no. 4121 dated 17/11/2015 that no commercial vehicle older than 15 years is being used. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress.

3.	Increased monitoring of vehicles running without P.U.C certificates.	➤ Continuous	<ul style="list-style-type: none"> • DTO, Fatehgarh Sahib informed that 37 vehicles were challaned for not having PUC certificates. 	<ul style="list-style-type: none"> • Chairperson directed District Transport Officer to ensure that the PUC certificates are properly issued to the vehicle owners after proper checking.
4.	Banning of pressure horns.	➤ Continuous	<ul style="list-style-type: none"> • DTO, Fatehgarh Sahib informed that 67 no. vehicles have been challaned for noise pollution. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress.
5.	Checking the use of adulterated fuel and impounding of such vehicles.	➤ Continuous	<ul style="list-style-type: none"> • District Transport Officer submitted an undertaking vide its letter no. 4121 dated 17/11/2015 that no adulterated fuel is being used in the vehicles. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress.

Deptt. of Home Affairs/ Police

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Formation and implementation of proper traffic management plan for smooth flow of traffic.	30/09/2010	<ul style="list-style-type: none"> • PPCB requested the Chairperson to drop this item as this activity had already been completed and complied due to completion of National Highway Bridge. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress.
2.	Implementation of Noise (Prevention & Control of Pollution) Act, 2000 for control of noise from D.G. sets and other non-point sources.	Continuous	<ul style="list-style-type: none"> • As per report given by the SSP, Fatehgarh Sahib vide its letter no. 29686-87 dated 13/6/2016 that 108 no. vehicles were challaned in the month of May, 2016 for not having valid PUC certificate and 25 no. vehicles were challaned in the month of May, 2016 for noise pollution. • EE, PPCB informed that there is no big marriage palace in Mandi Gobindgarh and only two small marriage palaces with gathering capacity of only 200 persons are there. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the report.

Deptt. of Forests

S.N	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Implementation of Action plan for greening Mandi Gobindgarh	31.3.2011	<ul style="list-style-type: none"> • Year wise plantation carried out by Deptt. of Forests is given as under 2010-11—5000 2011-12—11000. 2012-13—22500. • Department of Forests informed that no targets were fixed for the year 2013-14 and 2014-15. Therefore, the Deputy Commissioner, Fatehgarh Sahib requested the Principal Chief Conservator of Forests vide letter dated 26/8/2015 to fix the targets for their periods for making plantation in Mandi Gobindgarh. • As per the information given by the Divisional Forest Officer, Patiala vide its letter dated 9/2/2016, no targets have been fixed for the year 2014-15 and 2015-16. • In the last meeting, Chairperson stated that representative of Forest Department informed during the State Level meeting held on 29/4/2016 at Ludhiana that the targets for making plantation during the year 2016-17 would be fixed by their department and accordingly, the plantation should be carried out in Mandi Gobindgarh. • The representative of Forest Department informed that approval of 15000 plants is still awaited from high forest authorities. 	<ul style="list-style-type: none"> • Chairperson directed that proper planning may be made to carry out plantation during the entire year, especially, before the rainy season.

Deptt. of PWD (B&R)

S.N	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Improving road conditions for smooth movement of traffic and provision of flyovers/ underpasses etc.	➤ Identification of traffic bottlenecks and preparation of scheme by	<ul style="list-style-type: none"> • With the construction of flyovers and underpasses by NHAI in Mandi Gobindgarh, the movement of traffic has been improved. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress and further directed that more studies maybe carried out to make energy efficient and pollution free.

		31/12/2010. ➤ Implementation of scheme regarding flyovers / underpasses by 31/12/2012.		
2.	Increasing green cover on roadside under their jurisdiction.	<ul style="list-style-type: none"> ➤ Identification of vacant land for plantation by 30/9/2010. ➤ Preparation of plan for plantation by 30/9/2010. ➤ Plantation in the entire vacant land by 31/3/2011. 	<ul style="list-style-type: none"> • During the last district level meeting, the Chairperson directed the officials of PWD (B & R) to ensure that the plantation work is completed by June, 2016. • SDE, PWD (B & R) informed that the area of berms where the plantation is to be made falls in the MC limits of Mandi Gobindgarh upto 200 meter and rest area falls under Zila Parishad, District Ludhiana. 	<ul style="list-style-type: none"> • Chairperson directed MC authorities to provide plantation on the berms upto its jurisdiction.

District Administration / Deputy Commissioner, Fatehgarh Sahib

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	To impose complete ban on the stubble burning in the agricultural fields around Mandi Gobindgarh.	30/9/2010.	<ul style="list-style-type: none"> • Orders u/s 144 of CrPC have been issued vide letter no. 3887-3917 dated 5/4/2016 by the District Magistrate, Fatehgarh Sahib regarding complete ban on stubble burning. • In the last meeting, Chairperson directed that all concerned departments/authorities shall take necessary steps to ensure that the orders dated 10.12.2015 passed by the Hon'ble National Green Tribunal, New Delhi regarding complete ban on stubble burning are complied with in letter and spirit. • E.E, PPCB informed that a bio gas pilot plant using paddy stubble has been installed in RIMT University Campus with the help of PAU, Ludhiana. This plant will be commissioned in the forthcoming paddy season. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the report.

2.	Regulate the use of loud speaker and sound system by the religious places and marriage palaces.	Immediate	<ul style="list-style-type: none"> • EE, PPCB informed that Committee of SDM & DSP had already been framed to take action under the Noise (Prevention & Control of Pollution) Act, 2000 for DG sets and marriage palaces. • EE, PPCB informed that there is no big marriage palace in Mandi Gobindgarh and only two small marriage palaces with gathering capacity of only 200 persons are there. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the report.
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Punjab State Council for Science & Technology

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Evolving of cleaner technologies and installation of pilot plants for improved effluent / emissions treatment technologies.	Continuous	<ul style="list-style-type: none"> • PSCST had given training to 172 re-rolling mills for achieving better feeding and firing practices on pulverized coal and further suggested that energy saving devices should to be provided for better efficiency and less energy consumption. • Now, all the operational steel re-rolling mills (215) have adopted better coal feeding/ firing practices and have installed the energy saving devices. • 25 no. induction furnaces have upgraded their APCDs on the basis of PSCST design by providing cyclone followed by bag filter house. • Process Engineer, PSCST informed that one no. cupola furnace unit had availed the consultancy for energy efficient cupola furnace (EECF) integrated with air pollution control device designed by PSCST. The EECF is reduced by 20% alongwith its associated pollution emissions in comparison to conventional cupola furnace. The technology has replication potential in around 30 cupola units operating in Mandi Gobindgarh Cluster. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the report.

Deptt. of Agriculture

S.N	Activity	Target date	Progress Report	Decision taken during the meeting
1.	To propagate sustainable technology for bio-mechanization of agricultural waste including compost facilities.	To launch awareness campaign in the rural areas of Mandi Gobindgarh through print and electronic media.	<ul style="list-style-type: none"> • The Department of Agriculture informed that awareness camps are being organized to spread awareness among the farmers, so as to stop stubble burning. Moreover, lot of subsidies are also being offered to the farmers for various farm machineries to encourage them to stop stubble burning. • The representative of Agriculture Department informed that 58 farmers sent to PAU on 27/5/2016 to show the technology of bio-gas plant using paddy stubble as raw material. He further informed that two farmers are ready to install bio-gas plants but they will only install when the 80% subsidy will be given by PAU. • In the last meeting, Chairperson directed SDM to make awareness through mobile van on the similar pattern as in District Gurdaspur with help of PPCB and Agriculture Department. 	<ul style="list-style-type: none"> • Chairperson directed SDM to make awareness through mobile van. • Chairperson directed Agriculture Department to persuade the farmers to install bio-gas plants and make aware the farmers to stop stubble burning in the forthcoming paddy season.

Deptt. of Health and Family Welfare

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Organization of Health Camps	First phase will be started in August, 2010. Thereafter in January, 2011 followed by every six months.	<ul style="list-style-type: none"> • Civil Surgeon, Fatehgarh Sahib informed that medical camps are being organized after every 3-months and camp has been organized on 16/3/2016 at Shanti Nagar, where 172 no. patients have been checked and no major disease reported in these camps 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress and directed that camps may be organized on regular basis.

Punjab Pollution Control Board

S. N.	Activity	Target date	Progress Report	Department to submit report
1.	Upgradation of fugitive emission collection system of induction furnaces.	(a) Preparation of design of modified air pollution control system by IIT, Roorkee by 15.11.2010 (b) Installation, commissioning & monitoring of pilot plant by 28.2.2011. (c) Replication by other similar units by 30.9.2011.	<ul style="list-style-type: none"> • The representative of PPCB informed that there are 58 induction furnaces (out of 102), which are in operation and out of these furnaces 28 furnaces have upgraded their air pollution control systems from wet scrubber to spark arrestor cyclone followed by bag house filter as per design of PSCST. Two no. more induction furnaces have been directed by the PPCB to upgrade their APCDs as per design of PSCST. • There are about 245 no. of rolling mills out of total 342 no. rolling mills, which are in operation and 100% of these rolling mills had already installed energy saving devices. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the report and directed to carry out the monitoring of industries on regular basis.
2.	➤ Installation of online monitoring system.	(i) Pilot project in NFL, Naya Nangal by 31.3.2011 (ii) To be emulated by the large scale polluting industries in Mandi Gobindgarh within six months after successful commissioning of the pilot project.	<ul style="list-style-type: none"> • M/s Modern Steels Ltd., M/s Bhawani Industries and M/s Nagar Sugar Mills installed online monitoring systems. • The results of M/s Nahar Sugar Mills is available on the web online. • Efforts are being made to display the results on web site of PPCB very soon by other these industries. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress made.
3.	Switching over to tunnel type kiln by refractory units.	By 30.6.2011.	<ul style="list-style-type: none"> • Complied. All units have switched over to tunnel type kiln and installed alkali wet scrubber as per the requirement of Pollution Control Board. Therefore, this point is complied herewith. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress made.
4.	Vigorous monitoring of the air and water polluting industries.	Continuous process.	<ul style="list-style-type: none"> • The representative of the PPCB informed that from 1/4/2015 to 20/7/2016, 1241 industries have been visited by the RO, Fatehgarh 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress made.

			<p>Sahib.</p> <ul style="list-style-type: none"> • Notices u/s 33-A of Water Act, 1974 : 23 no. industries. • Notices u/s 31-A of the Air Act, 1981 : 44 no. industries • Directions u/s 33-A of the Water Act, 1974: 11 no. industries • Directions u/s 31-A of the Air Act, 1981: 11 no. industries 	
5.	<p>(i) Shifting of hazardous waste to the Common TSDF by the industries.</p> <p>(ii) To carry out feasibility studies for GPS based tracking system for hazardous waste going to TSDF.</p>	<p>By 31.12.2010.</p> <p>By 31.3.2011</p>	<ul style="list-style-type: none"> • EE, PPCB, Fatehgarh Sahib informed that hazardous waste generated by the industries is being shifted to TSDF regularly and it is a continuous process. • Feasibility studies for GPRS based tracking system for hazardous waste going to TSDF are being carried out. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress made by the Board.
6.	Preparation of inventory of E-waste	By 31.3.2011	<ul style="list-style-type: none"> • The rules for management & handling of E-waste have been notified by Ministry of Environment & Forest, New Delhi which are being effected from 1/5/2012 and action for implementation of these rules is under process by the Board. • The Board has authorized the vendors for lifting and disposal of e-waste as per Rules. Regular monitoring also been carried out by the Officers of PPCB for keeping check on E-waste generated from the professional educational institutes falling under the jurisdiction of RO, Fatehgarh Sahib. • Notices have already been issued in this regard. All the Educational Institutes and 5 no. large industries have already made agreement with M/s Ramky Enviro Engineers Ltd., Vill. Nimbua, Tehsil Dera Bassi. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress made and directed Government Offices to be aware regarding the E-waste.

			<ul style="list-style-type: none"> E. E, PPCB further informed that a camp is being organized in S.D. Public School and RIMT Campus on 18/11/2015 and 4/3/2016, respectively to make aware to the Educational Institutes, industries and various shop owners regarding the E-Waste Management Rules. 	
7.	Proper management of solid waste generated from cooling water recirculation tanks	By 31.3.2011.	<ul style="list-style-type: none"> The solid waste generated from cooling water recirculation tanks is disposed off for filling in low lying areas. 	<ul style="list-style-type: none"> Chairperson was satisfied with the progress made.
8.	<p>(i) Up-gradation of groundwater monitoring network.</p> <p>(ii) Up-gradation of ambient air quality monitoring network.</p> <p>(iii) Regular monitoring of surface water bodies.</p>	<p>By 31/12/2010</p> <p>(ii) By 30.9.2011 subject to availability of funds.</p> <p>(iii) Continuous process.</p>	<p>(i) 6 stations have been set up for collection of the groundwater samples covering the entire critically polluted area of Mandi Gobindgarh. The sampling of the groundwater monitoring is being carried out by PPCB.</p> <p>(ii) Ambient air quality is being monitored on regular basis at the existing 3 stations set up in Mandi Gobindgarh and results are available on the website of Punjab Pollution Control Board i.e. www.ppcb.gov.in</p> <p>CAAQMS has been installed in RIMT Univesity, Mandi Gobindgarh and same is under stabilization. It will start giving results very soon.</p> <p>(iii) There is only one surface water body named as Sirhind Choe, which carries effluents of MC, Mandi Gobindgarh, Sirhind & Bassi Pathana. These MCsp have not installed any STP so far. These MCs may be directed to install the necessary sewage treatment plants. The Deptt. of Local Bodies may be asked to install the STPs in these towns in a time bound</p>	<p>---</p> <p>---</p> <p>The Chairperson directed M.C. Mandi Gobindgarh and PWSSB to expedite the work regarding installation of STP and implement the plan.</p>

	(iv) Source apportionment studies.	(iv) Within two years after the framing of guidelines by the CPCB in this regard.	<p>manner so as to improve the quality of surface water.</p> <p>(iv) Source apportionment studies will be carried out after receiving necessary guidelines from CPCB. Environmental Engineer, PPCB informed that the surface water sampling of Sirhind Choe was carried out before the monsoon and the surface water sampling had already been carried out on 10/6/2015.</p>	---
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