

Status of Implementation of Action plans for Howrah area as on September 2016

Short Term Action Points:

Sl no.	Action points	Stake holder	Status (Bamungachi area) as on September 2016	Compliance status	Remarks
1	Technological development of earthen pottery cluster so that emission can be arrested & treated	Earthen Pottery units	<ul style="list-style-type: none"> In this region, there is a pottery cluster consisting of about 50 pottery units. They are making earthen cups (Kullahad). During discussion with pottery makers, they informed that most of the families are below poverty Line (BPL) and illiterate. Silty clay/ Black clay (procured from Canning, Diamond Harbour region) is raw material for pottery items. Coal is used as fuel for baking of the green pottery items. The burning of coal is main source of pollution. The coal consumption varies between 20 – 40 kg / day per unit depending upon market demand/ quality of clay and weather condition. During 2007-2008 an initiative was taken by WBPCB for technological improvement of pottery kilns in this cluster by installation of a kiln using cleaner fuel with support from GTZ, Germany. It was also decided that the proposed kiln will be used by all the potteries in this cluster on sharing basis. However this could not materialise due to number of constraints such as lack of awareness, tiny individual units etc. 	Major nos. of earthen pottery manufacturing units located at this area have been relocated due to upcoming housing projects. No new earthen pottery units (using coal as fuel) are allowed to set up at this area.	
2	Rolling mills are to be encouraged to adopt coal gas	Individual industry	40 nos. Re-Rolling mills are in operation at Bamungachi area of Howrah. Out of which 10 nos. units are closed at present and 05 nos. are being operated by using coal gas as fuel. The rest		

			Re-Rolling mills are being operated by Furnace Oil as fuel. Howrah Chamber of Commerce & Industries has already acquired land (600 acres approx.) at Jagatballavpur area of Howrah for industry cluster development. The Re-Rolling mills of Bamungachi area will shift their plant to this area.	Complied by some stake holders	Implementation is under progress
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Long Term Action Points

Sl no.	Action points	Stake holder	Status as on September 2016	Compliance status	Remarks
1	Installation of CETP at Jalan Industrial Complex	Industry Association Industry, WBPCB, MOEF as per CETP cost sharing principle of MOEF, coordinated by SPCB	Out of 480 units located within Jalan Industrial Complex, out of which 25 are major water polluting in nature. 04 nos. are Edible Oil Processing units, 15 nos. are Hot Dip Galvanising units and 06 nos. are Dyeing and Bleaching units. All these units are located in a scattered manner within the complex and liquid waste generated from these units passes through a common drain which leads to Saraswati river. The quality of mixed effluent available at the end point of the drain is not fit for treatment in a common effluent treatment plant (CETP). Moreover, for discharging storm water the drainage system within the complex is same. So it will be very difficult to assess the load of the CETP during rainy season. However all the major water polluting industries situated within the complex have their individual ETP.	Action initiated for compliance	Individual industries are mostly complying with effluent discharge norms
2	Installation of AAAQM at Jalan Industrial Complex	Industry association and Industry	<ul style="list-style-type: none"> Installation of AAAQM Station to be done with joint funding of WBPCB and CPCB as discussed during 58th Chairmen and Member Secretaries Conference held at Bangaluru. 	Action initiated for compliance	
3	Development of proper drainage facility in Jalan Industrial Complex	Industry association and Industry	<ul style="list-style-type: none"> Main drainage system- 5.325 Km concreted 	Complied	Implemented

Sl no.	Action points	Stake holder	Status as on September 2016	Compliance status	Remarks
4	Development of proper roads in Jalan Industrial Complex	Industry association and Industry	<ul style="list-style-type: none"> Road construction- 25 Km (Black stone brick laying) 	Complied	Implemented
5	Embankment and desilting of effluent carrying canal at Jalan Industrial Complex	Industry association and Industry	<ul style="list-style-type: none"> De-silting of the drains is carried out in a regular interval. 	Under compliance	Implemented
6	Development of roads in Bamungachi area	Howrah Municipal Corporation and Bally Municipality	<ul style="list-style-type: none"> Maintenance of existing road is being done time to time. 	Under compliance	Under implementation
7	Development of drainage system in Bamungachi area	Howrah Municipal Corporation and Bally Municipality	<ul style="list-style-type: none"> Maintenance of existing drainage system is regular activity of concerned municipality. Strengthening of drainage system is under consideration. 	Under compliance	Under implementation
8	Tree plantation in both areas	Howrah Municipal Corporation and Bally Municipality, local Panchayats and Industry Association	<ul style="list-style-type: none"> Some plantation program has been initiated in both the areas 	Under compliance	Under implementation

Summary of Compliance Status:

During assessment of the progress made in implementation of Action Plans and subsequent improvement in the environmental condition of Howrah area, following points have been noticed:

- Some of the Short Term Action Plans implemented by few individual industries and stake holders.
- Some of the Long Term Action Plans already complied. Few other Action Plans are either partially complied or under consideration.
- It has been observed that there is a decreasing trend in current CEPI score (61.11) as compared to CEPI score (74.84) during 2010, both calculated by CPCB (available in CPCB website). Efforts will be continued in future for further improvement of environmental quality and a lower CEPI.