

Subject: Emergency response action plan

This refers to the meeting held on 22/2/2015 under the chairmanship of Member Secretary – GPCB, which was also attended by RO-GPCB & GPCB officials, GIDC & NAA officials, NCT officials, President-AIA, President-PIA and Industrialists.

It was unanimously desired that there should be an action plan for emergency response at FETP and it should be effectively and collectively implemented by all stakeholders i.e. member industries, all three associations, Notified Area Authorities, GIDC, NCT and GPCB.

Objective:

1. To improve communication system

Communication plan is required for proper communication with all directly connected member industries to FETP, Presidents of Associations & their respective committee's conveners, GIDC & NAA officials & their pump house operators and Regional office-GPCB particularly in the event of onshore pipeline breakdown / FETP shutdown to avoid effluent overflow into the creeks and Amlakhadi and thereby complying the directives given by the Hon'ble High Court of Gujarat.

2. To minimize response time

Implementation of communication plan will facilitate dissimilation of information to all concerned through the communication network and thereby to minimize the response time for stopping / curtailing the effluent flow coming to FETP in the case of onshore pipeline breakdown / FETP shutdown.

3. To avoid discharge of effluent into the Amlakhadi and thereby complying the order issued by the Hon'ble High Court of Gujarat.

The Hon'ble High Court of Gujarat in its order dated 21/10/1999 directed not to discharge trade effluent in the Amlakhadi.

4. To have better command and control over O & M including emergency.

This required to have complete stoppage of inlet effluent in the event of onshore pipeline breakdown / FETP shutdown for better command and control over O&M. Communication gap may create a situation in which there are probability for violating the directives given by Hon'ble High Court. This is to be avoided by proper implementation of communication plan.

5. Better operational and maintenance (O&M) control of collection, treatment, conveyance and disposal system.

GPCB has given direction to all industries for having guard pond of 48 hrs storage capacity and 24 hrs storage capacity to FETP-NCT. It is required to ensure by all stakeholders to comply this direction. It is required to

explore the possibility to add lagoon at FETP-Inlet having 24 hrs storage capacity additionally. It is also required to install alarm system for advance intimation.

6. Gap analysis for O&M and emergency.

Gap analysis is required to generate and implement action plan to develop foolproof system.

7. Modification and up-gradation of collection, treatment, conveyance and disposal system.

Communication Plan:

| Sr. No. | Action | Responsible persons | Type of information and Intimation | Mode of communication |
|----------------|--------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 1 | Incident reporting from field / FETP | Field personnel of NCT | Damage occurrence GM/Sr. Mgr./Asst. Manager – NCT | SMS and Phone |
| 2 | Immediate assessment and intimation | CEO – NCT GM - NCT | Estimation of damage and down time and to decide maintenance strategy. RO-GPCB SE(CG)-GIDC CO-NAA XEN-GIDC Presidents – AIA, JIA, PIA | SMS and Phone |
| 3 | Intimation for curtailing or | GM – NCT | All directly connected member industries. | Group SMS and Group email |

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| | stopping effluent discharge | | Operators – All pumping stations In-charge – ETL In-charge – PETL | SMS & Phone SMS & Phone SMS & Phone |
| 4 | Further message transmission | RO-GPCB | Field Staff for monitoring and evolution of situation | SMS and Phone |
| | | CO-NAA XEN-GIDC | Ensure regulation of discharge of effluent from all pumping stations and to ensure no overflow from any system. | SMS and Phone |
| | | All Three Presidents through respective committee. | Intimation to all member industries and ensuring that there shall be regulation of discharge from member industries. | SMS and Phone |
| | | Chairman of Environment Committee | Activation of Environment Committee for message transmission and monitoring & to oversee for implementation of direction / message received from concerned authority including NCT. | SMS and Phone |
| | | ETL In-charge | Intimation to all members to ensure there shall be regulation of discharge to ETL. | SMS and Phone |

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| | | PETL In-charge | Intimation to all members to ensure there shall be regulation of discharge to PETL. | SMS and Phone |
| 5 | Damage control | GM-NCT | To deploy damage control agency in the field and to ensure regular update to CEO till completion of the work . | SMS and Phone |
| | | CEO-NCT | Communication with other agencies like CO-NAA, XEN-GIDC, Presidents of Associations, DPMC, Police and Dist. Collectorate. | SMS and Phone |
| | | CO-NAA XEN-GIDC | To extent all possible help to CEO-NCT for need based damage control. | SMS and Phone |
| 6 | Reporting of damage control | CEO-NCT | Updating of progress till completion and probable time to start discharge. RO-GPCB SE(CG)-GIDC CO-NAA XEN-GIDC Presidents – AIA, JIA, PIA | SMS and Phone |
| 7 | Restart of pumping of effluent <ul style="list-style-type: none"> • FETP to sea • Final pumping Station to FETP | GM-NCT CEO-NCT GM-NCT | Field personnel – NCT CO-NAA & XEN-GIDC Operators – All pumping stations | SMS and Phone SMS and Phone SMS and Phone |

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| | <ul style="list-style-type: none"> • Intermediate pumping station to final pumping station • Member industries | <p>CO-NAA XEN-GIDC</p> <p>CEO-NCT GM-NCT</p> <p>Presidents</p> <p>Chairman – Environment Committee</p> | <p>Field personnel-NAA/GIDC</p> <p>Member Industries</p> <p>Chairman – Environment Committee</p> <p>– Member Industries</p> | <p>SMS & Phone</p> <p>Group SMS and Group Email</p> <p>SMS and Phone</p> <p>SMS and Phone</p> |
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