

Date:09-12-2010
(Mumbai)

Mumbai Oil Spill Report

Actions taken By Maharashtra Govt with the help of MPCB and other Agencies.Like Indian Coast guard,Director of Shipping,IOCL,TERI,NEERI, NIO,District Collectorate offices,Local bodies and police department etc.

The beach cleaning mechanism shall be carried out by following ways:

- (a) The floating oil are cleaned with the help of gunny bags and collected in one big drum, and stored for inspection to be carried out by insurance agent.
- (b) The rocks and other fixed natural banks of the coastal areas are washed with hot water jet pumps and the spilled oil to be cleaned with the help of gunny bags or mopping / absorbing material.
- (c) The material which has reached to the coast due to tidal currents are physically collected and stored in drums . This information to be communicated to DG shipping & MbPT.
- (d) The floating solid waste are collected and sent to BMC / Local Authority's MSWsite.
- (e) The pesticides bottles are getting cleaned by the team of MSC Chitra Agency (I) Pvt.Ltd. at Revas, Mandwa, Alibag, Dighodi, Awas Beaches.

Bio remediation is carried out by the TERI at the coastal regions(TERI did just field trials by using 50 bags-free of cost) that is still under observation by MPCB.

Bioremediation activity carried out at Awas beach by TERI with Indian Oil Corporation Ltd.

- 1- Decomposition done with the help of oil zapper media which is degrading the oil attached with garbage, and mud.
- 2-For decomposing the site is made of dimensions 13.5 meters long, 5 meters wide and 1.5, meters deep.
- 3- Before dumping waste the HDP black colour sheet spread over the site after it soil layer of 5 cm spread at bottom.
- 4- After the soil layer the waste mixed will oil dumped and the media oil zapper mixed with waste.
- 5-The collection of waste done with help of JCB.
- 6-Collected material brought by cadets under the guidance of military Officers and TERI officials.
- 7-Plastic material like segregated and kept aside near the pit.
- 8-The bioremediation activity done from 9.00 am to 5.00 pm with help of near about 100 cadets and 4 workers with the supervisions of TERI, Indian oil, and military officials.
- 9-**25 bags (50 Kg each) of oil zapper** added in the decomposing site and 20 kg nutrient also added along with waste collected in range of approximately one km.

10-The site will be monitored by TERI after every 15 days for decomposing situation and pit is kept open.

11-During the collection of waste on the site two aluminum container found which is handed to panchayat people.



Pit Prepared for the bioremediation with working cadets and TERI



Oil Zapper-packaging

Action from Green Apple environmental Technologies

India does not have oil spill management systems as per Dr.YB Sontake-MPCB, I have called up to get registered with MPCB as a Disaster management company in case of such type of Disaster in near future. We have to prepare with all technical papers of 'Smart sponge Tech' with 'Ramsorb' proving on what standard it works, credentials with performance certificates etc.

Submitted by:

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