

**GOVERNMENT OF INDIA  
EARTH SCIENCES  
LOK SABHA**

UNSTARRED QUESTION NO:5969  
ANSWERED ON:08.09.2011  
MARINE POLLUTION  
Dubey Shri Nishikant

**Will the Minister of EARTH SCIENCES be pleased to state:**

- (a) whether the National Institute of Ocean Technology (NIOT) has taken note of the recent oil spillages, chemical leakages and pollution reported along the sea coast of Mumbai;
- (b) if so, the details thereof;
- (c) the details of damage caused to the mangroves, sea creatures, human beings etc. along the coasts;
- (d) whether NIOT has conducted a study in this regard; and
- (e) if so, the outcome thereof?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES(SHRI ASHWANI KUMAR)

(a) National Institute of Ocean Technology (NIOT) has not conducted any study in this regard. However, Integrated Coastal and Marine Area Management-Project Directorate as a nodal organization of MoES has taken note of the recent oil spillages, chemical leakages and pollution reported along the sea coast of Mumbai;

(b) The oil spill caused by a sunken ship M.V. Rak Carrier was observed by the Indian Coast Guard about 19 Nautical miles south west of Prongs Ltd., Mumbai.

Subsequently, the Integrated Coastal and Marine Area Management-Project Directorate under the Ministry of Earth Sciences predicted the movement of oil spill onwards and provided position of the spills to the Coast Guard. The Coast Guard used the dispersant to remove the oil along its track to the best possible extent.

(c) Field observations were conducted by the Regional Centre, National Institute of Oceanography, Mumbai at Juhu Alibagh, Khar Danda and Sewri mud flat. Patches of oil in seawater and beaches were observed on 7 & 8th August, 2011 at Juhu beach which disappeared on 9th August, 2011. No trace of oil observed at Alibagh. The mangroves at Khar Danda were found to be coated with oil films at the protruding root levels on 8th August, 2011 and it gradually reduced to trace levels on 17th August, 2011. The mangroves of Sewri were not found to be affected by the oil spill caused by sunken ship M. V. Rak.

(d) No Madam.

(e) Question does not arise in view of 'd' above.