

**GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA**

UNSTARRED QUESTION NO:4265
ANSWERED ON:19.08.2010
OIL LEAKAGE IN ONGC AREA
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Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) whether the Government is aware of oil leakage in the areas of Oil and Natural Gas Corporation in the country;
- (b) if so, the details of oil leakage, State-wise;
- (c) whether the Government are aware that due to oil leakage 10,000 hectares of land in 1600 villages of eight districts of Gujarat i.e. Bharuch, Ahmedabad, Patan, Mehsana, Khambhat, Gandhinagar and Anand have been rendered unsuitable for cultivation;
- (d) if so, whether any compensation has been paid to affected farmers;
- (e) if so the details thereof; and
- (f) the steps taken or proposed to be taken by the Government to avoid incidence of such oil leakages?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI JITIN PRASADA)

(a) & (b): In the operational areas of Oil and Natural Gas Corporation Limited (ONGC), no major oil spill /leakage has occurred. However, there were minor leakages in different areas. The State-wise details of minor oil leakages primarily from pipelines are as under:

Assam : 41 incidents in Financial Year (FY) 2009-10

Tamil Nadu : 57 incidents in FY 2009-10

Gujarat : 64 incidents in 2010

Andhra Pradesh : 1 incident in FY 2009-10

Compensation has been paid to affected land owners/farmers wherever required.

(c) (d) & (e): No such land has been rendered unsuitable for cultivation in the districts of Gujarat. Contaminated soil is either replaced or bio remediated or compensated for restoration. ONGC is paying compensation to the affected farmers. Details of Damage/ Compensation paid during the last three years in Gujarat are as under: -

S.No. Year Amount in Rs. (Approx.)

1. 2007-2008 26912300/-

2. 2008-2009 63119800/-

3. 2009-2010 21704000/-

4. 2010-Till date 5802600/-

(f): ONGC has taken/is taking following steps to avoid such incidence of oil leakages: -

Replacement of oil pipelines based on condition monitoring/health of pipelines

Intelligent pigging of trunk lines is being carried out to monitor the health of pipelines.

Improved 3 'Layer Polymer' coating for pipelines for better resistance to external corrosion.

Technologies like Cathodic Protection, 'Glass Reinforced' lines for better pipeline protection.

Biotechnologies like PDB (Paraffin degrading bacteria), Chemical Injection to protect pipelines.

In offshore areas all pipeline risers in the splash zone area (most susceptible for corrosion) are inspected at regular intervals for assessing their health and to take necessary remedial measures, as required.

All subsea rigid pipelines are concrete coated and cathodically protected from outside. Out of these, all trunk pipelines carrying large volume of hydrocarbons are also buried in the sea bed by 1-2 mts for extra protection. In case of any damage or leak in these sub-sea pipelines, in-house facilities are available on Multi Support Vessels (MSV) for immediate repair of the same.