

# OilGps System – Oil Spill Detection Report

Image Name: Screenshot 2026-01-01 135004.png

Detection Status: Oil Spill Detected

Confidence Score: 90.47%

Oil Spill Percentage: 36.47%

Affected Area: 54.7 sq.km

Uploaded Time: 04-01-2026 12:32:00

## Methodology:

- Image converted to grayscale
- Threshold-based segmentation applied
- Morphological operations remove noise
- Pixel analysis estimates affected area