

# OilGps System – Oil Spill Detection Report

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

Detection Status: Oil Spill Detected

Confidence Score: 87.62%

Oil Spill Percentage: 17.49%

Affected Area: 26.24 sq.km

Uploaded Time: 02-01-2026 10:25:34

## Methodology:

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