

# **OilGps System – Oil Spill Detection Report**

Image Name: Screenshot 2026-01-01 135139.png

Detection Status: Oil Spill Detected

Confidence Score: 87.75%

Oil Spill Percentage: 18.34%

Affected Area: 27.51 sq.km

Uploaded Time: 02-01-2026 10:51:32

Methodology:

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