

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

Image Name: Screenshot 2025-12-19 185809.png

Detection Status: Oil Spill Detected

Confidence Score: 91.63%

Oil Spill Percentage: 44.17%

Affected Area: 66.26 sq.km

Uploaded Time: 02-01-2026 22:11:33

## Methodology:

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