

OilGps System – Oil Spill Detection Report

Image Name: Screenshot 2026-01-01 134527.png

Detection Status: No Oil Spill

Confidence Score: 85.44%

Oil Spill Percentage: 2.96%

Affected Area: 4.44 sq.km

Uploaded Time: 01-01-2026 13:46:25

Methodology:

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