

OilGps System – Oil Spill Detection Report

Image Name: Screenshot 2026-01-01 134708.png

Detection Status: Oil Spill Detected

Confidence Score: 89.18%

Oil Spill Percentage: 27.85%

Affected Area: 41.78 sq.km

Uploaded Time: 02-01-2026 09:49:45

Methodology:

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