

OilGps System – Oil Spill Detection Report

Image Name: oil5.jpg

Detection Status: Oil Spill Detected

Confidence Score: 86.14%

Oil Spill Percentage: 7.57%

Affected Area: 11.36 sq.km

Uploaded Time: 04-01-2026 12:31:46

Methodology:

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