

OilGps System – Oil Spill Detection Report

Image Name: original.jpg

Detection Status: Oil Spill Detected

Confidence Score: 88.78%

Oil Spill Percentage: 25.19%

Affected Area: 37.79 sq.km

Uploaded Time: 31-12-2025 09:59:50

Methodology:

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