

OilGps System – Oil Spill Detection Report

Image Name: images2.jpg

Detection Status: Oil Spill Detected

Confidence Score: 89.36%

Oil Spill Percentage: 29.08%

Affected Area: 43.62 sq.km

Uploaded Time: 01-01-2026 13:38:46

Methodology:

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