

OilGps System – Oil Spill Detection Report

Image Name: oil6.jpg

Detection Status: Oil Spill Detected

Confidence Score: 90.96%

Oil Spill Percentage: 39.74%

Affected Area: 59.61 sq.km

Uploaded Time: 02-01-2026 10:07:00

Methodology:

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