

# OilGps System – Oil Spill Detection Report

Image Name: images.jpg

Detection Status: Oil Spill Detected

Confidence Score: 89.65%

Oil Spill Percentage: 31.0%

Affected Area: 46.5 sq.km

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

## Methodology:

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