

OilGps System – Oil Spill Detection Report

Image Name: Screenshot 2026-01-01 135139.png

Detection Status: Oil Spill Detected

Confidence Score: 92.98%

Oil Spill Percentage: 53.22%

Affected Area: 79.83 sq.km

Uploaded Time: 04-01-2026 12:31:02

Methodology:

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