

OilGps System – Oil Spill Detection Report

Image Name: oil6.jpg

Detection Status: Oil Spill Detected

Confidence Score: 95.07%

Oil Spill Percentage: 50.7%

Affected Area: 76.05 sq.km

Uploaded Time: 04-01-2026 17:26:01

Methodology:

- Grayscale conversion and noise reduction
- Threshold-based segmentation
- Small region filtering
- Pixel-based oil estimation