

OilGps System – Oil Spill Detection Report

Image Name: 360_F_146032217_JW5bqxByxQztiMniOYdOi6OjEq69AqdK.jpg

Detection Status: Oil Spill Detected

Confidence Score: 91.38%

Oil Spill Percentage: 13.82%

Affected Area: 20.73 sq.km

Uploaded Time: 05-01-2026 17:51:09

Methodology:

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