

OilGps System – Oil Spill Detection Report

Image Name: water-of-ocean-is-so-clear-that-you-can-see-sand-and-shells-in-water-photo.jpg

Detection Status: Oil Spill Detected

Confidence Score: 90.86%

Oil Spill Percentage: 8.6%

Affected Area: 12.9 sq.km

Uploaded Time: 05-01-2026 17:52:40

Methodology:

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