

OilGps System – Oil Spill Detection Report

Image Name: Screenshot 2025-12-30 214107.png

Detection Status: No Oil Spill

Confidence Score: 85.28%

Oil Spill Percentage: 1.88%

Affected Area: 2.82 sq.km

Uploaded Time: 30-12-2025 23:20:02

Methodology:

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