

OilGps System – Oil Spill Detection Report

Image Name: 211005125119-05-wildlife-oil-spill-file.jpg

Detection Status: Oil Spill Detected

Confidence Score: 91.6%

Oil Spill Percentage: 15.98%

Affected Area: 23.97 sq.km

Uploaded Time: 05-01-2026 17:51:49

Methodology:

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