

# **OilGps System – Oil Spill Detection Report**

Image Name: gettyimages-187450692-612x612.jpg

Detection Status: Oil Spill Detected

Confidence Score: 92.19%

Oil Spill Percentage: 47.93%

Affected Area: 71.9 sq.km

Uploaded Time: 02-01-2026 10:49:15

Methodology:

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