



November 30, 2016

HONORABLE MR. JOSÉ SARNEY FILHO, MINISTER OF ENVIRONMENT  
MINISTRY OF ENVIRONMENT OF BRAZIL  
ESPLANADA DOS MINISTÉRIOS, BLOCO B, 5º ANDAR  
CEP: 70.068-900  
BRASÍLIA – DF  
BRAZIL

Dear Minister Sarney Filho:

The Overseas Private Investment Corporation (OPIC) is proposing to issue financing to Açú Petróleo S.A. for the T-Oil Project to support ship-to-ship oil transshipment at the offshore Terminal 1 of the Açú Port being developed by Prumo Logística Global in the state of Rio de Janeiro, Brazil. The T-Oil Project consists of two main activities:

- (1) Supporting the ship-to-ship transfer of crude oil at three berths at Terminal 1. The Project is currently licensed to transfer 61.3 million tons of crude oil per year – equal to an average of approximately 1.2 million barrels per day.
- (2) Dredging the existing Terminal 1 turning basin and berth area from their current dredged depth of 20.5 meters down to 25 meters. Additionally, the existing Terminal 1 maritime access channel will be widened from 230 m to 280 m, extended from 13.2 km to 19.3 km, and dredged from its current depth of 20.5 meters down to 25 meters.

OPIC is an agency of the United States Government with a mandate to encourage and support U.S. private sector investments in developing countries and emerging economies. All OPIC-supported projects must be economically and environmentally sound. OPIC is required by U.S. law to notify appropriate governmental authorities of investments under consideration for OPIC assistance that have the potential to pose significant consequences for the environment.

OPIC also is required by U.S. law to provide your government with information about standards and guidelines that have been developed by international organizations and by federal environmental regulatory authorities of the United States that are applicable to such investments. OPIC applies guidelines and standards established by the World Bank Group and other similar international organizations. The web site links to these relevant guidelines are attached to this letter.

According to the documentation submitted by T-Oil, the key areas of environmental and social concern are characterization and disposal of dredged material, air emissions, hazardous materials and oil management, occupational health and safety, emergency preparedness and response, and impacts on marine biodiversity. The potential also exists for limited economic displacement of local fishermen.



Our analysis confirms that the T-Oil Project has been designed to minimize social and environmental impacts. The facility will use internationally accepted environmental management practices to mitigate potential impacts to acceptable levels. Based on information provided by T-Oil, the Project does not appear to pose significant hazards to the environment, public health, or safety.

We understand, of course, that the project will also be subject to the laws of Brazil with regard to protection of the environment, public health, and safety.

If you have any questions about OPIC's environmental and social assessment of this project, you may contact Mary Boomgard, Managing Director, Environmental Impact Analysis Group, at the above address or at [Mary.Boomgard@opic.gov](mailto:Mary.Boomgard@opic.gov).

Respectfully yours,

Meryll Burpoe  
Acting Vice President for Investment Policy

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## Applicable U.S. and International Standards and Guidelines

- (1) The International Finance Corporation's 2012 Performance Standards on Environmental and Social Sustainability:  
[http://www.ifc.org/wps/wcm/connect/c8f524004a73daeca09afdf998895a12/IFC\\_Performance\\_Standards.pdf?MOD=AJPERES](http://www.ifc.org/wps/wcm/connect/c8f524004a73daeca09afdf998895a12/IFC_Performance_Standards.pdf?MOD=AJPERES)
- (2) The International Finance Corporation's Environmental, Health, and Safety General Guidelines (April 30, 2007):  
<http://www.ifc.org/wps/wcm/connect/554e8d80488658e4b76af76a6515bb18/Final%2B-%2BGeneral%2BEHS%2BGuidelines.pdf?MOD=AJPERES>
- (3) The International Finance Corporation's Environmental, Health, and Safety Guidelines for Ports, Harbors, and Terminals (April 30, 2007):  
<http://www.ifc.org/wps/wcm/connect/9e558c00488556ebbf4fa6a6515bb18/Final%2B-%2BPorts%252C%2BHarbors%2Band%2BTerminals.pdf?MOD=AJPERES&id=1323152828015>
- (4) The International Finance Corporation's Environmental, Health, and Safety Guidelines for Offshore Oil and Gas Development (June 5, 2015):  
[http://www.ifc.org/wps/wcm/connect/f3a7f38048cb251ea609b76bcf395ce1/FINAL\\_Jun+2015\\_Offshore+Oil+and+Gas\\_EHS+Guideline.pdf?MOD=AJPERES](http://www.ifc.org/wps/wcm/connect/f3a7f38048cb251ea609b76bcf395ce1/FINAL_Jun+2015_Offshore+Oil+and+Gas_EHS+Guideline.pdf?MOD=AJPERES)
- (5) The International Finance Corporation's Environmental, Health, and Safety Guidelines for Crude Oil and Petroleum Product Terminals (April 30, 2007):  
<http://www.ifc.org/wps/wcm/connect/81def8804885543ab1fcf36a6515bb18/Final%2B-%2BCrude%2BOil%2Band%2BPetroleum%2BProduct%2BTerminals.pdf?MOD=AJPERES&id=1323162170625>
- (6) U.S. Environmental Protection Agency's Evaluation of Dredged Material Proposed for Ocean Disposal:  
[https://www.epa.gov/sites/production/files/2015-10/documents/green\\_book.pdf](https://www.epa.gov/sites/production/files/2015-10/documents/green_book.pdf)
- (7) U.S. Environmental Protection Agency's National Pollutant Discharge Elimination System (NPDES): <https://www.epa.gov/npdes>
- (8) Endangered Species Act: <https://www.epa.gov/laws-regulations/summary-endangered-species-act>
- (9) Clean Air Act: <https://www.epa.gov/laws-regulations/summary-clean-air-act>