



# FEDERAL MINISTRY OF ENVIRONMENT

## Environment House

Independence Way South, Central Business District, Abuja - FCT.

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## ENVIRONMENTAL ASSESSMENT DEPARTMENT

FMEEnv/CONF/EIA/123:716/VOL.I/188

1<sup>st</sup> June, 2015

The Managing Director,  
Shell Petroleum Development Company Nigeria Limited (SPDC),  
Shell Industrial Area, Rumuobiakani,  
P. O. Box 263,  
Port-Harcourt,  
Rivers State.

### ENVIRONMENTAL IMPACT ASSESSMENT (EIA) APPROVAL FOR THE PROPOSED ASSOCIATED GAS SOLUTION (AGS) FACILITIES UPGRADE OF SAGHARA FLOW STATION PROJECT IN DELTA STATE

Please refer to your letter requesting for an EIA permit to embark on the above project, the Ministry's letter Ref FMEEnv/CONF/EIA/123:716/VOL.I/152 dated 24<sup>th</sup> June, 2010 and your letter UIO/G/SHE21/04/037 dated 21<sup>st</sup> April, 2015 submitting the final EIA report.

2. Sequel to the successful conclusion of the evaluation of the project's EIA, I am directed to convey the Ministry's EIA Approval for the project subject to the following conditions:

a. The EIA Approval covers:

- i. The construction and commissioning of a new bulk-line (6" x 5km) and test-lines (4" x 5km) for Saghara flow station and all its associated tie-ins and manifold works.
- ii. The installation of 21km long fibre optic cable from Saghara wells to Otumara CPF for data transmission and communication with the wells.
- iii. Installation of pipeline manifolds and end facilities (Pig Launchers and Receivers)
- iv. Decommissioning, preservation and re-routing of all Saghara and Otumara wells to Otumara flow station.
- v. Installation of process piping, vent, drain lines and flush line along with supports and,
- vi. Mothballing and in-situ preservation of existing Saghara flow station and the 8" oil delivery line from Saghara to Trans-Forcados Pipeline (TFP) only.

b. SPDC shall ensure that the pipelines are specially coated with cathodic protection and buried at a minimum of three meters (3m) below the water bed at river crossings.



- c. SPDC shall ensure that marine habitat or river bed disturbances and mangrove clearing for project implementation are as minimal as reasonably possible.
  - d. SPDC shall implement an effective Traffic Management Plan at roads crossing during project implementation.
  - e. SPDC shall embark on continuous consultation with the project's host communities, relevant authorities and other stakeholders throughout the project's life span.
  - f. SPDC shall implement a robust Environmental Management Plan (EMP) throughout the project's life span.
  - g. SPDC shall sign an agreeable Memorandum of Understanding (MoU) with all affected project host communities. This shall be witnessed by the FMEnv and other relevant regulators.
  - h. The Federal Ministry of Environment (FMEnv) in collaboration with other relevant regulatory authorities shall carry out Impact Mitigation Monitoring (IMM) on the project. This shall be facilitated by SPDC.
  - i. There shall be full implementation of an Environmental Management Systems (EMS) for the project throughout the project's life span.
  - j. There shall be Environmental Audit and Compliance Monitoring on the project to be approved by the Federal Ministry of Environment (FMEnv). This shall be facilitated by SPDC.
3. The Environmental Impact Assessment (EIA) Certificate and Environment Impact State (EIS) shall be issued to you in due course.
4. Congratulations.



**J. A. Alonge**

**Director, Environmental Assessment Dept.,  
For: Honourable Minister**