



FEDERAL MINISTRY OF ENVIRONMENT

Environment House

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ENVIRONMENTAL ASSESSMENT DEPARTMENT

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The Manager (HSE Environment),
Corporate Environment Assessment,
Shell Petroleum Dev. Company Nigeria Ltd,
Port Harcourt,
Rivers State.

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA) APPROVAL FOR THE
PROPOSED AGBADA NON-ASSOCIATED GAS (NAG) PROJECT IN OBIO-
AKPOR L.G.A, RIVERS STATE.**

Please refer to your letter Ref: EPG-PN-CFHEV/02.06/06/920 dated 2nd June, 2006 requesting for an EIA permit for the above project.

2. Following 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 Approval covers:
 - i. Drilling of four (4) new wells and hook up in existing locations.
 - ii. laying of a total of 8" x 20km NAG flowlines.
 - iii. Installation of a 120mmscfd capacity leased NAG process plant.
- b) Shell Petroleum Development Company shall ensure the implementation of the project is in line with National and International best practices.
- c) Shell Petroleum Development Company shall ensure that drill cuttings and other forms of wastes are managed in line with National and International standards.
- d) Shell Petroleum Development Company shall put in place a sustainable waste management procedure and ensure adequate monitoring of third party contractors handling wastes including waste water from the rig site prior to the release of the treated wastes.
- e) Shell Petroleum Development Company shall create adequate buffer zone around the NAG processing plant.
- f) Shell Petroleum Development Company shall evaluate the third-party properties to be affected by the pipeline crossing new acquisition and ensure that adequate compensation is paid.



Continuation

- g) Shell Petroleum Development Company shall ensure that all river crossings along the pipeline Right of Way are accessed by Horizontal Directional Drilling (HDD) and also ensure that the pipeline laying is not less than 1.2 meters below ground level along the entire pipeline right of way (RoW).
 - h) Shell Petroleum Development Company shall ensure that all tarred roads and rail crossings shall be through thrust-boring with casings.
 - i) Hydro-testing and discharge of water shall be carried out in line with regulatory standards and shall be witnessed by the Ministry with other relevant Regulators.
 - j) Shell Petroleum Development Company shall ensure that all open cut and dug trenches are backfilled and re-vegetated in line with regulatory standards.
 - k) Shell Petroleum Development Company shall put in place appropriate plans to minimize the effects of thermal pollution on the immediate environment.
 - l) Shell Petroleum Development Company shall put in place adequate Contingency Plans/Emergency Response Procedures to mitigate any fire, gas leakages, oil spill and other incidences.
 - m) Shell Petroleum Development Company shall ensure safety and caution signs are strategically placed across the project area during construction and operational phase of the project.
 - n) Shell Petroleum Development Company shall ensure project implementation is in line with National and International practices on cultural Heritage sites, archeological sites and artifacts.
 - o) There shall be continuous consultation with primary stakeholders/project's host communities and relevant regulatory authorities throughout the lifespan of the project.
 - p) Shell Petroleum Development Company shall fully implement a detailed Corporate Social Responsibility (CSR) on the basis of a signed Memorandum of Understanding (MoU) with relevant stakeholders and the project's host communities in line with global best practices/standards.
 - q) Shell Petroleum Development Company shall fully implement the Environmental Management Plan (EMP) for the project.
 - r) The Federal Ministry of Environment (FMEnv) in collaboration with other relevant regulatory authorities shall carry out EIA Impact Mitigation Monitoring (IMM), Environmental Audit (EAu), Post Impact Assessment (PIA) and Compliance Monitoring exercises on the project.
 - s) There shall be full implementation of Environmental Management Systems (EMS) throughout the project's lifespan.
3. The Environmental Impact Assessment (EIA) Certificate and Environmental Impact Statement (EIS) shall be issued in due course.
4. Congratulations.



J. A. Alonge

Director, Environmental Assessment Dept.
For: Honourable Minister.