

# Land Location Preparation Lean Improvement Project

## Eliminate Stage: Tollgate Engagement with project Sponsor

Date:12/7/2012

### Attendance:

Okee Elechi	Project Sponsor
Godian Ehirim	Project Mgr
Chuks Bisike-Ojiako	Lean Facilitator/Coach
Chigbu Innocent	Project Team
Adigwe Mike	Project Team
Freedom Imala	Project Team
Bayo	HSE

### Eliminate Stage Activities Status

ITEM	Status
✓ Has Kaizen event been held?	Yes
✓ Have improvement opportunities been identified and prioritized?	Yes
✓ Have potential causes of defects been identified?	Yes
✓ Do opportunity/objective/scope remain the same?	Yes
✓ Have Champion/ process owner approved recommendations?	Yes
✓ <i>Has Pilot Implementation team been identified &amp; ring-fenced?</i>	No
✓ <i>Has pilot project plan, milestones and timeline been developed?</i>	No
✓ Have key recommended solutions been initiated?	Yes

### Meeting Highlights

A brief presentation showing an overview of the Lean project maturation cycle for the Land Location Preparation project was presented, showing the results of the IDENTIFY stage (Charter, Voice of the Customer, VSM, and results of process walk) and Eliminate stage (Kaizen, Problem identification and recommended solutions).

### Steers from the Project Champion

Recommendations for immediate implementation

- ✓ Pilot use of durabase mats immediately (in work over locations)
- ✓ Review concrete requirements and asphaltting (the only structural concrete on a location is the cellar slab)

- ✓ Complete all Pre Mob recommended solutions (Logistics, Security & HSE)
- ✓ Produce implementation plan for the above recommendations with accountable persons and dates
- ✓ Produce SOPS for the above recommendations by end July 2012
  
- ✓ Continue engaging Development on Wells Clustering with a view to further presentations at DRB

### General Comments

- MPS personnel functioning as Contract Holders is inappropriate
- Separate drilling sequence and Rig selection
- Pilling hammer – institute visual inspection and training as immediate solutions.
- Review the need for asphalt pavements on location platforms. Why not bituminous surface dressing as it used to be years back?
- Review thickness of the crushed rock layer in location platforms
- Explore possibilities of storage space at Gbaran CPF for Durabase materials in order to reduce haulage distances from KI to remote locations as presently practiced.
- Review pricing of durabase materials from units to truck loads in contract
- SLA with the Wells team and wider consultations with Development on well clustering for the various fields
- Strong push for total removal of waste pit
- Immediate deployment of Durabase materials for all work over locations
- Daily inspection of piling equipment to identify early signs of failing hoses and breakdowns
- Location preparation engineers to escalate delays in budget delegation and release in SAP
- Total review of all concrete slabs including mud tank slab(except cellar slab) with a view to eliminating them from location layout
- Procure additional 2 sets of Durabase material for immediate deployment
- As much as practicable construct fit for purpose, less expensive Field access roads.
- Commence immediate implementation of solutions with high potentials in cost/time savings.