F. No. J-11011/961/2008- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
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Dated: February 25, 2009

To,

Mr. Kavishwar Dilip Madhav
Director (factory operations)
M/s Siris Crop Sciences Limited
P-3, Athithi Bunglows, Near Revaba Township,
Jhadeshwar Road, Dist. Bharuch, Gujarat

P no. : 02642-246848/ 09725219752 Fax: 0261-2707273
E-mail : dilipkavishwar@yahoo.co.in, info@bharatgroup.co.in

Sub: Proposed pesticide unit at plot nos. 44/1, GIDC estate, Dahej, Dist. Bharuch, Gujarat by M/s Siris Crop Sciences Limited - reg TORs/EC.

Sir,

Kindly refer to your letter dated 28th November, 2008 along with Form-I and proposed TORs as per the EIA Notification, 2006.

The above proposal was considered by the Expert Appraisal Committee in its 91st Meeting held on 9-11th January, 2009 for prescribing TORs for undertaking detailed EIA /EMP study.

The Committee prescribed the following TORs;

A. Project Description

· Executive summery of the project

· A filled in Questionnaire on the Industry sector as devised earlier

· Justification of the project.

· Promoters and their back ground

· Project site location along with site map of 7 km area and site details providing various industries, surface water bodies, forests etc.

· Project cost

· Regulatory framework

· Project location and Plant layout.

· Infrastructure facilities including power sources.

· Total cost of the project along with cost for environment protection measures.

· Water source and utilization including water balance.

· Product spectrum (Proposed products along with production Capacity) and processes

· List of hazardous chemicals with their toxicity levels.

· Storage and Transportation of raw materials and products.

· Mass balance of each product along with the batch size

· Pollution potential from the proposed products

· Detailed scheme for wastewater treatment along with characteristics of inlet and outlet wastewater. The treatment scheme to meet discharge norms of GPCB. Final discharge point.

B. Description of the Environment and Baseline Data Collection

· Demarcation of Impact boundary (5 km from the project site)

· Micrometeorological data for wind speed, direction, temperature, humidity and rainfall in 5 km area.

· Study of Data from secondary sources.

· Topography, drainage and soil characteristics. Local area hydrology, storm water drainage etc.

· Details of the water source available in the impact area (Depth of ground water table, data from the available secondary sources)

· Other industries in the impact area

· Prevailing environment quality standards

· Existing environmental status vis a vis air, water, noise, soil in 5 km area from the project site for SPM, RSPM, SO_2, VOC and NOx

C. Socio Economic Data

Existing socio-economic status, land use pattern and infrastructure facilities available in the study area were surveyed.

D. Impacts Identification and Mitigatory Measures

· Identification of impacting activities from the proposed project during construction and operational phase.

· Impact on air (Organic and inorganic pollutants) and mitigation measures including green belt

· Impact on water environment and mitigation measures (Details of ETP design will be in EMP). Location of final disposal and downstream usages of disposal point.

· Soil pollution source and mitigation measures

· Noise generation and control.

· Ground water abstraction and its impact on water sources.

· Solid waste quantification and disposal.

· Control of fugitive emissions

E. Environmental Management Plan

§ Details of pollution control measures

§ Environment management team

§ Proposed schedule for environmental monitoring including post project monitoring for Air, Water, Soil and Noise.

▪····· Industry should treat the effluent and treated effluent shall comply with the industry specific standards.

F. Risk Assessment

· Objectives, Philosophy and methodology of risk assessment

· Details of manufacturing process of proposed products

· Details on storage facilities

· Process safety, transportation, fire fighting systems, safety features and emergency capabilities to be adopted.

· Identification of hazards

· Compatibility studies and special hazards

· Consequence analysis through occurrence & evaluation of incidents

· Selection of incidents and consequence calculations

· Recommendations on the basis of risk assessment done

· Disaster Management Plan.

· Safety precautions for the storage of Chemicals and vapour condensation.

G. Occupational Health and Safety Program for the Project.

H. Information on Rain Water Harvesting

I. Green Belt Development plan

It was decided that 'TORs' prescribed by the Expert Appraisal Committee (I) should be considered for the preparation of EIA / EMP report for the above mentioned project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. As soon as the EIA/EMP report is prepared, the same may be submitted to the MOEF for obtaining prior environmental clearance. Public hearing is not required as the unit is located in the notified industrial area.

Yours faithfully,

(Dr. P. L. Ahujarai)

Director

Copy to: The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhi Nagar-382 043, Gujarat.

(Dr. P. L. Ahujarai)

Director