

Karnataka State Pollution Control Board
Office of the Chief Environmental Officer-3
“NISARGA BHAVAN”

Thimmaiah Road, 7th ‘D’ Main, Shivanagar,
Opp. Pushpanjali Theatre, Bengaluru -560 079.

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NO. KSPCB/CEO-3 /IR/2016-17/09

Dated: 06/08/2016

**Inspection Report of Sri. D.R. Kumaraswamy, Chief Environmental Officer-3,
Bangalore-79.**

| | |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of the industry | M/s. Biogen Extracts Pvt. Ltd., Plot No. 57, 1 st Stage, Sompura Indl Area, Dobaspet, Bengaluru- 562 111. |
| Date of inspection | 05-08-2016 |
| Factory authorities present | 1. Sri. Murthy- Plant Engineer |
| Consent status | Expired on 30-06-2016 consent under both Acts. |
| Category | Large- Red, Capital Investment:- 1432 Lakhs |
| Products manufactures as per consent in Kgs/annum | Rotodrine Hydrochloride - 300 Pyrimethamine (API) - 6000 Natural Beta Carotene (Nutraceuticals) – 6000 Lycopene (Nutraceuticals) – 3600 Co-enzymne Q10 - 6000 Soya isoflavones – 5000 Rutin – 10000 Glucosamin sulphate sodium – 3000 Lutein oleoresin – 400 Glucosamine Hydrochloric acid - 12000 Glucosamin sulphate potassium - 3000 |

The industry was inspected as per the Board Office letter No.PCB/05/EGV-16/2533, dated: 03-08-2016.

The factory was in operation at the time of inspection. The following observations were made during the inspection:

| Sl. No. | Consent Condition No. | Observations |
|----------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A-I | 1 | No comments. F/a have provided one common water meter. |
| A-II | 1 | They have not provided the terminal manhole to collect samples. The ETP was not at all working due to technical problem. The applicant informed that the suppliers are not co-operating to repair it. Better Board may black list such consultants. |
| | 2 | They have not provided water meter for different streams as per consent. |
| | 3 | Since ETP was not working there is no storage of treated effluent to collect sample. |
| | 4 | The applicant is discharging effluent to the CETP M/s. Govind Solvents, Kunigal. They have disposed 18 KL of high TDS effluent on 15-07-2016. The applicant has no detail about low TDS effluent. |
| | 5 | The applicant have not provided septic tank and soak pit as per IS 2470 part-I and part-II i.e., there is no soak pit. |
| | 6 | Discharge to be tested by the Regional Officer by providing test bore |

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| | | wells. High TDS storage tank is below ground level. |
| | 7 | The applicant not maintains record of daily effluent generated. |
| | 8 | The applicant has not maintained records for effluent generated from process and from scrubber. |
| | 9 | No comments |
| | 10 | No comments. |
| | 11 | There was no discharge of effluent at the time of inspection. |
| B. | 1 | They have provided single water meter at the intake point. |
| C. | 1 | No comments. |
| | 2 | No comments |
| | 3 | No comments |
| | 4 | No comments. No smell was felt at the time of inspection. |
| II | 1 | There are Four Air Pollution Sources. The applicant as to monitor only one air pollution source i.e., process section, for other three sources they use Diesel as Fuel. The applicant has not provided chimney height as per consent to process section but it is sufficient. |
| D | 1 to 5 | No Comments |
| E | 1 | They are submitted Environmental Statement but they have not scientifically filled the application. |
| F | 1 | No comments, no significant from Hazardous Waste Management Rules, 2008. But they have to scientifically store the empty containers. |
| G | 1 | The applicant has not maintained solid waste Management System. All the solid waste are packed and placed near the ETP area in the open field, which require scientific disposal. |
| H | 1 | No comments |
| | 2 | The applicant has provided acoustic measures to DG sets. |
| I | 1 to 7 | No comments |
| | 8 | The applicant has not displayed the flow diagram of pollution control systems. |
| | 9 | The applicant has not having qualified environmental engineer/scientist, which is essential to look after ETP. |
| | 10 | The applicant has obtained ISO 14001:2004 certificate. |
| | 11 | No comments |
| | 12 | The applicant have not opened book for inspecting officers |
| | 13 & 14 | No comments |
| | 15 | The applicant has not displayed the consent order in a prominent place. |
| | 16 & 17 | No comments |
| | 18 | There is no sufficient place to maintain green belt. |
| | 19 | They have not complied consent condition even after one year. |

Comments:- The applicant have provided chimney of 21 meters height above ground level. This is higher than consent condition. The applicant have to scientifically store the HCl acid cans. They have not operating the ETP and complained that the ETP was stopped because it is not giving the proper result. Presently they are disposing it CETP, Kunigal. They are also having one lutein washing section on the roof of the building which requires shifting to the proper place. The applicant and ETP consultant may be called for P.H before renewing consent.

Chief Environmental Officer-3
Nisarga Bhavan, Bangalore-79.