

## **Public Consultation**



# ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ

"ಪರಿಸರ ಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್,  
ಬೆಂಗಳೂರು-560 001 ದೂ : 2558 1383/2558 9112/2558 8151/  
2558 8270/ 2558 8142/2558 6520 ಫ್ಯಾಕ್ಸ್ : 2558 6321

ಇ-ಮೇಲ್ : ho@kspcb.gov.in

ವೆಬ್‌ಸೈಟ್ : http://kspcb.gov.in

## ಪರಿಸರ ಸಾರ್ವಜನಿಕ ಸಭೆಗಾಗಿ ಸೂಚನೆ

ನಂ. ಮಾನಿಮಂ/279/ಹೆಚ್‌ಪಿಬಿ/2013/383

ದಿನಾಂಕ : 31-07-2013

ಮು|| ಎಂ.ಎಸ್. ಪಾಟೀಲ್ ಶುಗರ್ ಲಿಮಿಟೆಡ್, ಸಂಖ್ಯೆ. 54, ವೆಸ್ಟ್ ಮಂಗಲವಾರ್ ಪೇಟ್ ಬಲಿವೇಲ್, ಶೋಲಾಪುರ್-413002, ಇವರು ಬಿಜಾಪುರ ಜಿಲ್ಲೆಯ ಇಂಡಿ ತಾಲ್ಲೂಕು, ನಿಂಬಾಳ ಬಿ.ಕೆ. ಗ್ರಾಮದ ಸರ್ವೆ ನಂ. 348ರಲ್ಲಿ 5000 ಟಿಸಿಡಿ ಕಬ್ಬು ಅರೆಯುವ ಸಾಮರ್ಥ್ಯವುಳ್ಳ ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆಗೆ ಹಾಗೂ 19 ಮೆ.ವ್ಯಾ. ಸಹ ವಿದ್ಯುತ್ ಉತ್ಪಾದನೆಗೆ ಈಗಾಗಲೇ ಸ್ಥಾಪನಾ ಸಮ್ಮತಿ ಪತ್ರವನ್ನು ಪಡೆದಿರುತ್ತಾರೆ. ಈ ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ ಪ್ರದೇಶದಲ್ಲಿನ ಸಹ ವಿದ್ಯುತ್ ಉತ್ಪಾದನಾ ಘಟಕವನ್ನು 19 MW ರಿಂದ 25 MWಗೆ ವಿಸ್ತರಿಸಲು ಹಾಗೂ ಹೊಸದಾಗಿ 45 ಕೆಎಲ್‌ಪಿಡಿ ಸಾಮರ್ಥ್ಯದ ಮದ್ಯಸಾರ ಘಟಕವನ್ನು ಸ್ಥಾಪಿಸಲು ಉದ್ದೇಶಿಸಿದ್ದು, ಈ ಬಗ್ಗೆ ಪ್ರಸ್ತಾವನೆ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ. ಸದರಿ ಯೋಜನೆಯು ಪರಿಸರ ಆಫಾತ್ ಅಧ್ಯಯನದ ಅಧಿಸೂಚನೆ ದಿನಾಂಕ: 14.09.2006ರ (ದಿನಾಂಕ : 01.12.2009ರಲ್ಲಿ ತಿದ್ದುಪಡಿಗೊಂಡಿರುತ್ತದೆ) ಪ್ರಕಾರ ಪರಿಸರ ಮತ್ತು ಅರಣ್ಯ ಮಂತ್ರಾಲಯ, ಭಾರತ ಸರ್ಕಾರ, ಇವರಿಂದ ಪರಿಸರ ವಿಮೋಚನಾ ಪತ್ರವನ್ನು ಪಡೆಯಬೇಕಾಗಿರುತ್ತದೆ ಹಾಗೂ ಈ ಸಂಬಂಧವಾಗಿ, ಪರಿಸರ ಸಾರ್ವಜನಿಕ ಆಲಿಕೆ ಸಭೆಯನ್ನು ನಡೆಸಬೇಕಿರುತ್ತದೆ. ಕಾರಣ, ಪರಿಸರ ಮತ್ತು ಅರಣ್ಯ ಮಂತ್ರಾಲಯ, ಭಾರತ ಸರ್ಕಾರ, ಇವರ ಪತ್ರ ದಿನಾಂಕ: 30.01.2013 ಮತ್ತು 29.04.2013ರ ಪತ್ರ ಹಾಗೂ ಸದರಿ ಯೋಜನೆಯ ಅಧಿಭೋಗದಾರರ ಪತ್ರ ದಿನಾಂಕ: 24.05.2013 ಮತ್ತು 31.05.2013ರಲ್ಲಿನ ಕೋರಿಕೆಯಂತೆ, ಪರಿಸರ ಸಾರ್ವಜನಿಕ ಆಲಿಕೆ ಸಭೆಯನ್ನು ಮಂಡಳಿಯ ವತಿಯಿಂದ ನಡೆಸಲಾಗುತ್ತಿದೆ. ಪರಿಸರ ಸಾರ್ವಜನಿಕ ಆಲಿಕೆ ಸಭೆಯನ್ನು ದಿನಾಂಕ: 31.08.2013ರಂದು ನಡೆಸಲು ತೀರ್ಮಾನಿಸಲಾಗಿದೆ.

ಯೋಜನೆಯ ವಿವರಗಳು ಕೆಳಕಂಡಂತಿವೆ.

1 ಕಂಪನಿಯ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಮು   ಎಂ.ಎಸ್. ಪಾಟೀಲ್ ಶುಗರ್ ಲಿಮಿಟೆಡ್ ಸಂಖ್ಯೆ. 54, ವೆಸ್ಟ್ ಮಂಗಲವಾರ್ ಪೇಟ್ ಬಲಿವೇಲ್, ಶೋಲಾಪುರ್-413002. ದೂರವಾಣಿ ಸಂಖ್ಯೆ : 0217-2727510
2 ಯೋಜನೆಯ ಸ್ಥಳ	ಮು   ಎಂ.ಎಸ್. ಪಾಟೀಲ್ ಶುಗರ್ ಲಿಮಿಟೆಡ್, ಸರ್ವೆ ನಂ. 348, ನಿಂಬಾಳ ಬಿ.ಕೆ. ಗ್ರಾಮ, ಇಂಡಿ ತಾಲ್ಲೂಕು, ಬಿಜಾಪುರ ಜಿಲ್ಲೆ, ಕರ್ನಾಟಕ ರಾಜ್ಯ.
3 ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಮೆಟ್ಟಿ	ದೂ. 319 ಕೋಟಿಗಳು.
4 ಯೋಜನೆಯ ಕಾರ್ಯಾಚಟುವಟಿಕೆ	ಈಗಿರುವ ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ ಪ್ರದೇಶದಲ್ಲಿ ಸಹ ವಿದ್ಯುತ್ ಉತ್ಪಾದನಾ ಘಟಕದ ಸಾಮರ್ಥ್ಯವನ್ನು 19 MW ರಿಂದ 25 MWಗೆ ಹೆಚ್ಚಿಸುವುದು ಹಾಗೂ ಹೊಸದಾಗಿ 45 ಕೆಎಲ್‌ಪಿಡಿ ಸಾಮರ್ಥ್ಯದ ಮದ್ಯಸಾರ ಘಟಕವನ್ನು ಸ್ಥಾಪಿಸಲು ಉದ್ದೇಶಿಸಿರುತ್ತಾರೆ.

### 5 ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಕ್ರಮಗಳು :

ಎ) ಜಲ ಮಾಲಿನ್ಯ : ಸಕ್ಕರೆ ಕಾರ್ಖಾನೆ ಹಾಗೂ ಸಹ ವಿದ್ಯುತ್ ಉತ್ಪಾದನಾ ಘಟಕ: ಈ ಘಟಕದಿಂದ ಹೊರಬರುವ ತ್ಯಾಜ್ಯ ನೀರನ್ನು (ಪ್ರತಿ ದಿನ 856 ಕೆಲೋ ಲೀ.ನಷ್ಟು) Anaerobic reactor ಹಾಗೂ diffused Aeration ವ್ಯವಸ್ಥೆ ಹೊಂದಿರುವ ಶುದ್ಧೀಕರಣ ಘಟಕದಲ್ಲಿ ಶುದ್ಧೀಕರಿಸಿ ವ್ಯವಸಾಯಕ್ಕೆ ಉಪಯೋಗಿಸಿಕೊಳ್ಳುವ ಪ್ರಸ್ತಾವನೆ ಸಲ್ಲಿಸಿದೆ.

ಮದ್ಯಸಾರ ಘಟಕ: ಈ ಘಟಕದಿಂದ ಹೊರಬರುವ ದ್ರವರೂಪದ ತ್ಯಾಜ್ಯ (ಪ್ರತಿದಿನ 60 ಕೆಲೋ ಲೀ.ನಷ್ಟು)ವನ್ನು ಬಯೋ ಡೈಜೆಸ್ಟರ್‌ನಲ್ಲಿ ಬಯೋಗ್ಯಾಸ್‌ನ್ನು ಉತ್ಪತ್ತಿ ಮಾಡಿದ ನಂತರದಲ್ಲಿ ಅದನ್ನು ಸಾಂದ್ರೀಕರಿಸಿ ನಂತರ ಕಾಂಪೋಸ್ಟಿಂಗ್ ಮಾಡಲಾಗುವುದೆಂದು ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ತಿಳಿಸಿರುತ್ತಾರೆ.

ಬಿ) ವಾಯುಮಾಲಿನ್ಯ : ಉದ್ದಿಮೆಯು ತನ್ನ ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ಘಂಟೆಗೆ 130 ಟನ್‌ನಷ್ಟು ಹಬೆ ಉತ್ಪಾದನಾ ಸಾಮರ್ಥ್ಯವುಳ್ಳ ಬಾಯ್ಲರ್‌ನ್ನು ಮತ್ತು 1000 ಕೆವಿಎ ಸಾಮರ್ಥ್ಯವುಳ್ಳ ಡಿ.ಜಿ. ಸೆಟ್‌ನ್ನು ಸ್ಥಾಪಿಸುವುದಾಗಿ ತಿಳಿಸಿದ್ದು, ವಾಯುಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಕ್ರಮವಾಗಿ ಅಗತ್ಯ ಚಿಮಣಿ, ಬ್ಯಾಗ್ ಫಿಲ್ಟರ್ ಹಾಗೂ ESP (Electro Static Precipitator) ಅನ್ನು ಅಳವಡಿಸುವುದಾಗಿ ತಿಳಿಸಿರುತ್ತದೆ. 1000 ಕೆವಿಎ ಡಿ.ಜಿ.ಸೆಟ್‌ಗೆ ಉದ್ದಿಮೆಯು 30 ಮೀಟರ್‌ರಷ್ಟು ಎತ್ತರದ ಚಿಮಣಿ ಹಾಗೂ ಶಬ್ದ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಕವಚ (acoustics) ವನ್ನು ಅಳವಡಿಸಬೇಕಾಗಿರುತ್ತದೆ.

ಸಿ) ಘನ ತ್ಯಾಜ್ಯ ನಿರ್ವಹಣೆ : ಉದ್ದಿಮೆಯು ತನ್ನ ಬಾಯ್ಲರ್‌ನಿಂದ ಪ್ರತಿದಿನ ಸುಮಾರು 23 ಟನ್‌ಗಳಷ್ಟು ಹಾರುವ ಬೂದಿಯನ್ನು ಹೊರಹಾಕಲಿದ್ದು, ಈ ಬೂದಿಯನ್ನು ಫ್ರೆಸ್ ಮಡ್‌ನೊಂದಿಗೆ ಸೇರಿಸಿ ಕಬ್ಬು ಬೆಳೆಗಾರರಿಗೆ ಹಂಚುವುದಾಗಿ ಪ್ರಸ್ತಾವನೆಯನ್ನು ಸಲ್ಲಿಸಿದೆ.

6 ಪರಿಸರ ಸಾರ್ವಜನಿಕ ಸಭೆಯ ಸ್ಥಳ, ದಿನಾಂಕ ಮತ್ತು ಸಮಯ	ಯೋಜನಾ ಸ್ಥಳ - ದಿನಾಂಕ: 31.08.2013ರಂದು ಬೆಳಿಗ್ಗೆ 11.00 ಘಂಟೆಗೆ
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### 7 ಯೋಜನೆಯ ಕಾರ್ಯಕಾರಿ ಸಾರಾಂಶ ಸಾರ್ವಜನಿಕ ಪರಾಮರ್ಶೆಗೆ ಇಡುವ ಸ್ಥಳ :

- ಜಿಲ್ಲಾಧಿಕಾರಿಗಳ ಕಛೇರಿ, ಬಿಜಾಪುರ.
- ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳ ಕಛೇರಿ, ಜಿಲ್ಲಾಪಂಚಾಯತ್, ಬಿಜಾಪುರ.
- ಜಿಲ್ಲಾ ಕೈಗಾರಿಕಾ ಕೇಂದ್ರ, ಬಿಜಾಪುರ.
- ಈ. ಪುರಸಭೆ, ಇಂಡಿ.
- ಗ್ರಾಮ ಪಂಚಾಯತಿ ಕಾರ್ಯಾಲಯ, ನಿಂಬಾಳ ಬಿ.ಕೆ. ಗ್ರಾಮ.
- ಊ.ಪ್ರಾದೇಶಿಕ ಅಧಿಕಾರಿಗಳ ಕಛೇರಿ, ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ, ಬಿಜಾಪುರ.
- ಕೇಂದ್ರ ಅರಣ್ಯ ಮತ್ತು ಪರಿಸರ ಮಂತ್ರಾಲಯ, ದಕ್ಷಿಣ ವಲಯ ಕಛೇರಿ, ನಂ. ಇ-3/240, ಕೇಂದ್ರೀಯ ಸದನ, 4ನೇ ಮಹಡಿ, ಇ ಮತ್ತು ಎಫ್ ವಿಂಗ್ಸ್, 17ನೇ ಮುಖ್ಯ ರಸ್ತೆ, 2ನೇ ಬ್ಲಾಕ್, ಕೋರಮಂಗಲ, ಬೆಂಗಳೂರು - 560 034.
- ಸಹಾಯ ಕೇಂದ್ರ: ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ, ನೆಲ ಅಂತ್ಯ ನಂ. 49. ಪರಿಸರ ಭವನ, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001.

ಸೂಚನೆ : ಯೋಜನೆ ಅಥವಾ ಚಟುವಟಿಕೆಯಿಂದ ಪರಿಸರಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ತೊಂದರೆಗಳಾಗಬಹುದಾದ ಸಾರ್ವಜನಿಕರು ತಮ್ಮ ಪ್ರತಿಕ್ರಿಯೆಯನ್ನು ಲಿಖಿತ ಮೂಲಕ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ/ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳು, ಬಿಜಾಪುರ ಜಿಲ್ಲೆ, ಬಿಜಾಪುರ. ಈ ಅಧಿಸೂಚನೆ ಪ್ರಕಟವಾದ 30 ದಿನಗಳ ಒಳಗೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು. ಹೆಚ್ಚಿನ ವಿವರಗಳನ್ನು ಮಂಡಳಿಯ ವೆಬ್‌ಸೈಟ್ <http://kspcb.gov.in>ನಲ್ಲಿ ಪಡೆಯಬಹುದು.

ಸಹಿ /- ಸದ್ಯ ಕಾರ್ಯದರ್ಶಿ

"ಪ್ರಾಜೆಕ್ಟ್ ಒಳಕೆ ನಿಲ್ಲಿಸಿ, ಪರಿಸರದ ಹಾನಿ ತಪ್ಪಿಸಿ"



# KARNATAKA STATE POLLUTION CONTROL BOARD

"Parisara Bhavan", 1st to 5th Floors, # 49, Church Street,  
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## ENVIRONMENTAL PUBLIC HEARING NOTIFICATION

No. PCB/279/HPI/2013/383

Date : 31-07-2013

M/s M.S. Patil Sugars Ltd., No. 54, West Mangalwar Peth Ballwase, Solapur-413002, have obtained consent for establishing a sugar plant of 5000 TCD and co-generation plant of 19 MW at Sy.No. 348, Nimbal B.K. Village, Indi Taluk, Bijapur District, Karnataka State. They have submitted their proposal to expand their capacity of Co-generation Plant to 25 MW and establish a new molasses based distillery of capacity 45 KLPD in the existing industrial premises at Sy.No. 348, Nimbal B.K. Village, Indi Taluk, Bijapur District, Karnataka State. The project has to obtain Environmental Clearance from Ministry of Environment and Forest, Government of India, as per the EIA Notification dated 14.09.2006 (amended on 01.12.2009) and is required to go through Environmental Public Hearing. As per the Ministry of Environment and Forest, New Delhi, letter dated: 30.01.2013 & 29.04.2013 approving the TOR and request of the project proponent dated: 24.05.2013 & 31.05.2013, the Environmental Public Hearing is being conducted by the Board. The environmental public hearing is scheduled on 31.08.2013.

The details of the project are as follows:

1	Name of the Company & Address	M/s M.S. Patil Sugars Ltd., No. 54, West Mangalwar Peth Ballwase, Solapur-413002. Tel. No. 0217-2727510
2	Location	M/s M.S. Patil Sugars Ltd. Sy. No. 348, Nimbal B.K. Village, Indi Taluk, Bijapur District, Karnataka State.
3	Cost of the Project	Rs. 319 Crores
4	Details of Activity	Proposed to expand its capacity of Co-generation Plant from existing 19 MW to 25 MW and establish new distillery of capacity 45 KLPD in the existing sugar complex.
5	<b>Pollution control measures :</b> <b>a) Water Pollution Control :</b> Sugar and Co-generation : Waste water (856 M <sup>3</sup> /day) from sugar and co-generation plant is proposed to be treated in ETP consisting of Anaerobic reactor followed by diffused aeration system and then used on land for irrigation. Distillery : Distillery spent wash (360 M <sup>3</sup> /day) is proposed to be bio-methanised, concentrated in Triple effect falling film evaporator and then bio-composted using press mud. <b>b) Air Pollution Control :</b> The Industry has proposed to establish 130 TPH boiler and 1000 KVA DG set as air pollution sources. It is proposed to provide chimney of 80 meters above Ground level for the boiler along with bag filters and Electro Static Precipitator as air pollution control equipment. For 1000 KVA DG set, they have to propose adequate chimney along with acoustics. <b>c) Solid waste disposal :</b> About 23 TPD of Fly ash and boiler bottom ash is proposed to be generated which is proposed to be mixed with press mud and given to the farmers.	
6	Date, Time and Venue of Public hearing	31.08.2013 at 11.00 AM at Project Site.
7	<b>Places of availability of project documents as per EIA Notification, which is kept open to Public are:</b> a) Office of the Deputy Commissioner, Bijapur District, Bijapur. b) Office of the Chief Executive Officer, Zilla Panchayat, Bijapur. c) District Industries Centre, Bijapur. d) Town Municipal Council, Indi. e) Village Panchayat Office, Nimbal B.K. Village. f) Regional Office, Karnataka State Pollution Control Board, Bijapur. g) Ministry of Environment and Forest, South Zone Office, E-3/240, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, 2nd Block, Koramangala, Bangalore - 560 034. h) <b>HELP DESK</b> , Karnataka State Pollution Control Board, Ground Floor, No. 49, Parisara Bhavan, Church Street, Bangalore-560 001.	

**Note :** Responses in writing from other concerned persons having a plausible stake in the environmental aspects of the project or activity are invited within 30 days from the date of publication of this notification to the Karnataka State Pollution Control Board / Deputy Commissioner, Bijapur District, Bijapur. For details please visit our website : <http://kspcb.gov.in>

Sd/- Member Secretary

"AVOID USE OF PLASTICS - BE 'ECO' FRIENDLY"

PROCEEDINGS OF THE ENVIRONMENTAL PUBLIC HEARING HELD ON 31.08.2013 AT 11.00 A.M IN RESPECT OF M/SM S PATIL SUGARS LTD., SY NO 348 OF NIMBAL B.K VILLAGE, INDI TALUK, BIJAPURA DISTRICT HAVE PROPOSED TO INCREASE THE CO-GENERATION POWER PLANT FROM 19 MW TO 25 MW AND TO ESTABLISH A NEW 45 KLD MOLASSES BASED DISTILLERY IN THE EXISTING SUGAR INDUSTRY PREMISES:

**VENUE OF THE PUBLIC HEARING** : At Proposed Sugar Industry Premises.

**MEMBERS PRESENT** : Annexure-I.

**OFFICERS PRESENT** : Annexure-II.

**REPRESENTATIVE OF THE PROJECT.** : Annexure-III.

**NAME OF THE PUBLICS PARTICIPATED** : Annexure-IV.

**PREAMBLE:**

M/s M S Patil Sugar Ltd have proposed to increase the Co-Generation Power Plant from 19 to 25 MW and to establish a new 45 KLD Molasses based Distillery plant in the existing Sugar industry premises at Sy.No348, Nimbal B K Village, IndiTaluk, BijapuraDiistrict.

As per the Environmental Impact Assessment notification dated, 14-09-2006 of Ministry of Environment & Forest, Govt. of India, it is mandatory to conduct a public hearing of the above said project. Accordingly the Deputy Director, Ministry of Environment & Forest, Govt. of India, New Delhi after finalizing the **Terms of Reference (TOR)**, has directed the KarnatakaState pollution Control Board to conduct the Environmental Public hearing. The project proponent has also requested the Board to conduct the public hearing as per notification.



The project proponent has submitted the Executive summary of the said project in Kannada and English to the Karnataka State Pollution Control Board, Bangalore as laid down in the procedures of the EIA notification 2006. The Karnataka State Pollution Control Board has issued paper notification in leading newspapers on 01.08.2013 and also issued paper notification in local newspaper on 03.08.2013 of Bijapura District regarding the proposed project by inviting objections/suggestion from the bonafide residents and general public who are affecting from the proposed project either by attending the public hearing/in writing/by e-mail to KSPCB and Chairman, Environmental public hearing committee & Deputy commissioner, Bijapura Dist, Bijapura.

The Environmental public hearing scheduled on 31.08.2013 at 11.00 A.M started with purpose of the meeting and welcome speech by the Environmental Officer, Regional Office, KSPCB, Bijapura. The Additional Deputy Commissioner, Bijapura addressed the gathering on the need of conducting environmental public hearing for the proposed project by increasing the production capacity of Co-generation power plant and establishing new 45 KLD molasses based distillery plant by M/s M S Patil Sugar Limited, Nibal B K Village, Indi Taluk, Bijapura District and informed the project proponent to present the case before the committee as well as to public.

Mr.Prithvi H.J, Dharwad is the project consultant of M/S M S Patil Sugars Ltd., brief about the history and activities of the company, total extent of land available, availability of raw material, sources of water, existing Sugar and Co-generation power plants, product manufactured & by products generation, mode of collection & it disposal, waste water generation and its mode of treatment & disposal and air pollution sources & its controlling measures adopted in the unit.

He explained that the proposed project is integrated unit having Sugar plant, Distillery unit and Co-generation power plant. The byproducts of the Sugar plant are being used as the raw materials for the Distillery & Co-generation power plant. The waste water generation from the different units will be treated in the effluent treatment plants and same will be completely recycled back into the process & excess quantity will be used for green belt development & irrigation purposes. Hence there will be zero discharged from the unit.

Further, he informed that the proponents have proposed to establish the bagasse fired boilers with scrubber and ESP as Air pollution control measures to mitigate air pollution. The bagasse generated from the Sugar unit is being used as fuel to the boilers within the premises. The fly ash generated from the captive power plant will be used in composting for preparation of the manure. He also informed that the molasses generated from the sugar plant is being used as raw material for manufacturing of alcohol within the premises.

Further the company consultant has highlighted the geology of the area, proposed land use plan, afforestation, manufacturing process of sugar, Co-generation power plant, and distillery units. In continuation of the presentation the consultant explained about the likely impacts arising due to proposed integrated unit on the environment through prediction studies and by compiling the base line data collected in a distance of 10.00 KM radius on Air, Water and Noise qualities, ecology of the area and socio-economic details. He briefed that the proposed integrated plant need about 1620M<sup>3</sup> per day of water for the manufacturing and domestic purposes when the integrated plant operate for 210 days ( Sugar, Co-generation & Distillery plants in operation) . The water is procured from the Bhima River and bore wells located within the premises. The project proponent is planning to take up the preventive measures on water & Air pollution control measures, green belt development and socio economics activities for which a budget estimate has been made available in the budget allocation and planning to spent Rs.1003.00 lakhs as initial cost and Rs.53.20 lakhs as recurring cost in each year from the date of commencement of production activities.

After brief presentation on the proposed project, the Additional Deputy Commissioner as the chairman of the environment public hearing informed to the public that the Karnataka State Pollution Control Board issued paper notification in the leading newspaper on the proposed project establishment by inviting objections/suggestions from the public. So far no body has filed objections/suggestions on the proposed project to the State Pollution Control Board as well as to the District Administration.

**Sri Mahmad Laalsab, Devar:**

Public participated in the hearing informed we don't have any objection about this project and due establishment of the unit in this area, it create employment opportunity to the surrounding villagers. But factory authorities have to take proper measures to control pollution problems.

**Sri S S Maradi Nimbal:**

Public participated in the hearing express that we expected that the said sugar plant will start the production activities very long back, but as on date they have not commissioned unit. He requested the public hearing panel members to give necessary clearance to the said unit and Factory authorities shall start the sugar plant as early as possible. Further he informed that all the surrounding villagers are going to tolerate any kind of pollution. And we need the sugar industry in this area.

**Sri D S Saarwad, Tadavalagaa:**

Public participated in the hearing welcome the public hearing panel members and factory authorities, he informed that surrounding villages are sending the sugar cane to other industries which are located far away from this villages. M/S M S Patil Sugar Ltd., management has taken the decision to establish the a Sugar, Co-generation power plants and distillery unit in this area, this is mainly for the benefit for the surrounding villages farmers to grow the sugar cane crops in there agricultural land. But government has to take action to fill the Nimbal tank from Almatti dam it will going to help to all the surrounding villagers to grow more sugarcane in the agricultural land. He requested the public hearing panel members to forward the required proceeding to the Government and issue the necessary clearance for M S Patil Sugar Ltd., and water to Nimbal tank from Almatti dam.

**Sri SidduGowda Biradar, Hanjagi:**

Public participated in the hearing informed we don't have any objection about this project. Further he expressed that considerable numbers of farmers has lost their irrigation land for this factory and he requested the management to provide the suitable employment opportunity to the land looser and localities.

Further the Additional Deputy Commissioner invited the publics to express their comments/ views/suggestions on the proposed project.

**Sri Madeevappa Hereekurubara, Nivaragi:**

Public participated in the hearing informed that, the sugar factories are located in this district are about 30 to 40 kms distance from our villages & farmers are transporting the sugarcane to a longer distance, due to establishment of this unit it will going to help to the surrounding farmers us also it is going to create the employment opportunity to our youths and he informed in the meeting that factory authorizes have to give the employment opportunity to the local peoples. Further he informed that the Sugar factory authorities have to adopt 3 or 4 nearby villages and take up the socioeconomic activities.




**Sri AllaBhaksh, Hanjagi:**

Public participated in the hearing informed that we don't have any objection about the proposed factory, but first we need the water for irrigation purposes and then factory. Further he requested in the public hearing that Government has to take action to fill up the Nimbal tank from Almatti dam through the irrigation canal and extend the irrigation canal up the Nimbal village there by it going to irrigate more agricultural land in this area. Also informed that the factory authority have to give the employment opportunity to the localities.

The Additional Deputy Commissioner and Chairman, Environmental Public Hearing Committee, Bijapur, while addressing the meeting said that the minutes of the proceedings of the meeting, would be sent to the Ministry of Environment & Forests for further action.

After hearing the above discussions, the Chairman informed that based on the remarks and views received from the public, who have attended the environmental public hearing, the recommendations will be sent to Government of India, while considering permission to the proposed projects with the conditions that the project proponents shall take all necessary precautionary measures during the establishment and operation of the unit by following the guidelines / norms / conditions / directions / standards stipulated by Karnataka State Pollution Control Board and the Ministry of Environment & Forest, Government of India and other Competent authorities.

The meeting was concluded with a Vote of Thanks.

  
(SIDDAPPA, K.A.S)

 ADDITIONAL DEPUTY COMMISSIONER &  
CHAIRMAN, ENVIRONMENTAL PUBLIC HEARING  
COMMITTEE, BIJAPUR DISTRICT, BIJAPUR.

**ANNEXURE – I****MEMBERS OF THE PUBLIC HEARING PANEL PRESENT:**

- |    |   |                 |
|----|---|-----------------|
| 1. | Sri G.Siddappa<br>Additional District Commissioner,<br>Bijapur Dist.,<br>Bijapur  | Chairman        |
| 2. | Sri B. Rajesh,<br>Environmental Officer,<br>KSPCB, Bijapur<br>(Representative of Member Secretary,<br>KSPCB, Bangalore) | Member Convener |

**ANNEXURE – II****OFFICERS PRESENT**

1. Shri, H.M Chalvadi  
Deputy Tehsildar Ballolli.

**ANNEXURE –III****REPRESENTATIVES OF THE PROJECT**

SI NO	Name
1	M.S Patil
2	Dr.C.P Vibhute
3	Prithvi H.J

: Annexure-IV.

**NAME OF THE PUBLICS PARTICIPATED**

Sl No	Name	Address
1	Ramanna.S.Hirekurbar	Hanjagi
2	Rajaksab Appalal Kunabi	Hanjagi
3	Mallikarjun .B.Biradar	Hanjagi
4	A.S Karkatti	Hanjagi
5	Ganpati.H.Minchnal	Nimbal
6	Sangangauda.B.Biradar	Nimbal
7	Baba.B.Girgav	Nimbal
8	Jetappa.C.Mathad	Nimbal
9	Appasaheb.B.Bidari	Hanjagi
10	Basavraj .A.Kottalgi	Hanjagi
11	Sharanaaiyya.N.Hiremath	Hanjagi
12	Ibrahimsab Patil	Hanjagi
13	Allahsab.M.Pandu	Hanjagi
14	Appala Kanvi	Hanjagi
15	Kallappa.A.Hirekurbar	Hanjagi
16	Shankargauda.S.Biradar	Hanjagi
17	Nanagauda.A.Patil	Hanjagi
18	Ganpati.L.Rathod	Hanjagi
19	Siddarod.D.Biradar	Hanjagi
20	Appasab.B.Aalur	Hanjagi
21	Lalsab	Hanjagi
22	Muttappa Hugar	Hanjagi
23	Subhash Kale	Hanjagi
24	Sheshilal Mulla	Hanjagi
25	Pirsab Saiyad	Hanjagi
26	Gaudappa Kotalgi	Hanjagi
27	Mallappa .C. Jadar	Hanjagi
28	Ramesh.M.Karkatti	Nimbal B.K
29	Jagveer.U.Rathod	Chandan Tanda
30	Malappa.T.Dappin	Nimbal
31	H.M Chalvadi	Halli
32	Mahadev.O.Hirekurbar	Tadvalga
33	Baburaw .S.Metri	Tadvalga
34	Babusab .B.Biradar	Hanjagi
35	K.M Daded	Lingadalli
36	Jagadish .H.Gollagi	Tadvalga
37	Arjun.S.Naka	Tadvalga
38	S.B Hirebevnoor	Nimbal K.D
39	K	Hanjagi
40	J.A Walikar	Nimbal K.D
41	B.R Bagalkot	Hanjagi
42	B.L Rathod	Hanjagi
43	S.C Biradar	Hanjagi
44	M.M Biradar	Hanjagi
45	A.M Biradar	Hanjagi
46	B.A Kannur	Hanjagi



47	Allabaksh .A. Patil	Hanjagi
48	Md.Farooq Buramani	Indi
49	Mahammad Gulbarga	Indi
50	Ismail Kunbi	Hanjagi
51	B.D Patil	Hanjagi
52	S.S Girgavi	Gornal
53	S.S Metri	Tadvalga
54	Arvindkumar.M.Budihal	Budihal
55	Farooq Munshi	Hanjagi
56	Malsad Nadgeri	Tadvalga
57	Bhimashankar Hosmani	Tadvalga
58	Sudhakar	Hydrabad
59	V.Sumanda	Hydrabad
60	B.Venkateshwar	Hydrabad
61	Shankar .M.Biradar	Tadvalga
62	Malasiddappa.G.Karakatti	Tadvalga
63	Siddaray Guteri	Tadvalga
64	Bhimanna .M.Lokur	Tadvalga
65	Gurusiddappa .G. Kantekar	Hanjagi
62	Fayaz.H.Karbari	Hanjagi
63	Najirahmed .N.Saiyad	Hanjagi
64	Basavaraj.D.Hattarki	Masali B.K
65	Shankarappa.S.Murali	Nimbal
66	Shankarappa.M.Sagargonda	Satalgaun P.I
67	Nabisab Husensab Kannur	Hanjagi
68	Annappa.G.Indi	Tadvalga
69	Bhimray .B.Tarapur	Tadvalga
70	Amirahmad.A.Saiyad	Hanjagi
71	Ramangauda.B.Patil	Ganvalga
72	Madev .C.Changond	Tadvalga
73	Bhimray.S.Dombar	Tadvalga
74	Jagappa Kanganal	Tadvalga
75	M.I Allori	Tadvalga
76	G.V Indi	Tadvalga
77	G.B Kenganal	Tadvalga
78	Husen Kongi	Hanjagi
79	Muttappa Biradar	Hanjagi
80	Vitthal .N.Punekar	Hanjagi
81	Gangu .D.Jadhav	Nimbal
82	Laxman Kenganal	Tadvalga
83	Basappa Sarwad	Tadvalga
84	Guranna Madhbavi	Tadvalga
85	Appa Kalkeri	Gunda Tanda
86	u	Gunda Tanda
87	Shankarappa Jadar	Tadvalga
88	Ningappa Kenganal	Tadvalga
89	Bhimashankar.M.Avradi	Nimbal K.D
90	S.N Paikar	Hanjagi
91	G.S Math	Nimbal
92	Shishail .M.Biradar	Hanjagi



93	Sidda .C.Biradar	Hanjagi
94	Dastagirsab Pandu	Hanjagi
95	D.G Jadaw	Indi
96	H.S Hirekurbar	Hanjagi
97	A.S Muragundi	Hanjagi
98	Jaqdish .G.Rathod	Hanjagi
99	I.M Karabari	Hanjagi
100	Siddanna .A.Kottalqi	Hanjagi
101	Siddappa .Y.Kambale	Hanjagi
102	Aanand .S. Ransinga	Hanjagi
103	Mahammad .H.Gori	Hanjagi
104	Hamnappa .M.Hugar	Hanjagi
105	Maulali Atture	Hanjagi
106	D.B Roogi	Nimbal
107	N.M Devakate	Nimbal
108	S.K Vandal	Nimbal
109	N.S Bagawan	Nimbal
110	Sarwad D.S	Tadvalga
111	Appasaheb.M.Nimbal	Tadvalga
112	Allabaksh .H.Dhaded	Tadvalga
113	M.R Aaudar	Tadvalga
114	Basavaraj.H.Vaddar	Nimbal B.K
115	Ninganna.P.Tangadgi	Nimbal B.K
116	Muraji Lawte	Nimbal
117	Mallappa.G.Biradar	Hanjagi
118	Nagayya Gangayya Mathpati	Hanjagi
119	Irappa .S.Kotalqi	Hanjagi
120	Bandu .S. Nadaf	Nimbal
121	Kamannu.N.Kantikar	Hanjagi
122	Babu Gundappa Metri	Hanjagi
123	Shivshankar	Hanjagi
124	Barmaninga .C.Pujari	Hanjagi
125	S.G Makashi	Tadwalga

## Proceeding

Point raised by public.	Response / commitment of project proponent.
<p>Sri Madeevappa Hereekurubara, Nivaragi:</p> <p>Public participated in the hearing informed that, the sugar factories are located in this district are about 30 to 40 kms distance from our villages &amp; farmers are transporting the sugarcane to a longer distance, due to establishment of this unit it will going. tohelp to the surrounding farmers us also it is going to create the employment opportunity to our youths and he informed in the meeting that factory authorizes have to give the employment opportunity to the local peoples. Further he informed that the Sugar factory authorities have to adopt 3 or 4 nearby villages and take up the socioeconomic activities.</p>	
<p>Sri B.D. Patil, Hanjagi:</p> <p>Public participated in the hearing informed that we don't have any objection about the proposed factory, due to establishment of this factory the surrounding farmers get benefited by this factory. The factory authorities have to take proper preventive measures to control both water &amp; Air pollution problems. Further he requested in the public hearing that Government has to take action to fill up the Nimbal tank from Almatti dam through the irrigation canal and also extend the irrigation canal up the Nimbal village there by it going to irrigate more agricultural land in this area.</p>	
<p>Sri BabuRao Maithry, Nimbal:</p> <p>Public participated in the hearing informed that the surrounding villager may get benefit from this Sugar Plant, but the farmers are facing the major problem due less water in the Nimbal water tank, he requested the Chairman of public hearing to recommend the government to release the water from Almati dam to Nimbal tank through irrigation canal and also requested to allow the irrigation canal have to pass 'through the surrounding villages there by it going to help to our surrounding village farmers.</p>	
<p>Sri Mahmad Laalsab,Devar:</p> <p>Public participated in the hearing informed we don't have any objection about this project and due establishment of the unit in this area, it create employment opportunity to the surrounding villagers. But factory authorities have to take proper measures to control pollution problems.</p>	

## Proceeding

<p>Sri S S Maradi Nimbal:</p> <p>Public participated in the hearing express that we expected that the said sugar plant will start the production activities very long back, but as on date they have not commissioned unit. He requested the public hearing panel members to give necessary clearance to the said unit and Factory authorities shall start the sugar plant as early as possible. Further he informed that all the surrounding villagers are going to tolerate any kind of pollution. And we need the sugar industry in this area.</p>	
<p>Sri D S Saarwad, Tadavalagaa:</p> <p>Public participated in the hearing welcome the public hearing panel members and factory authorities, he informed that surrounding villages are sending the sugar cane to other industries which are located far away from this villages. M/S M S Patil Sugar Ltd., management has taken the decision to establish the a Sugar, Cogeneration power plants and distillery unit in this area, this is mainly for the benefit for the surrounding villages farmers to grow the sugar cane crops in there agricultural land. But government has to take action to fill the Nimbal tank from Almatti dam it will going to help to all the surrounding villagers to grow more sugarcane in the agricultural land. He requested the public hearing panel members to forward the required proceeding to the Government and issue the necessary 4 clearance for M S Patil Sugar Ltd., and water to Nimbal tank from Almatti dam.</p>	
<p>Sri SidduGowda Biradar, Hanjagi:</p> <p>Public participated in the hearing informed we don't have any objection about this project. Further he expressed that considerable numbers of farmers has lost their irrigation land for this factory and he requested the management to provide the suitable employment opportunity to the land looser and localities.</p>	

Further the Additional Deputy Commissioner invited the publics to express their comments/ views/suggestions on the proposed project. There are no objections for the proposed project from the public.

**No. SEIAA: 2: IND: 2012**  
**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT**  
**AUTHORITY, KARNATAKA**

(Constituted by Ministry of Environment & Forests, Government of India)

Department of Ecology & Environment,  
Room No.709, 7<sup>th</sup> Floor, IV-Gate,  
M.S. Building, Bangalore-560 001,  
Date: 8<sup>th</sup> October 2012.

To

M/s. M. S. Patil Sugars Ltd.,  
# 54, West Mangalwar Peth,  
Balives, Solapur-413 002.  
Maharashtra State.

Phone No: 0217-2727510 (O).

Mobile No: 9422065688.

Email: [m spatil@mspatil.com](mailto:m spatil@mspatil.com)

Website: [www.mspatil.com](http://www.mspatil.com)

Sir,

Sub: Establishment of new sugar plant of capacity 5000 TCD and 19 MW co-generation plant at 21/1, 27/7, 60/3, 77/4, 314/4 of Nimbal BK Village, Sy. No. 190/9 of Nimbal KD Village & Sy. No. 328/2, 328/6, 348 & 343/2 of Hanjagi Village, Indi Taluk, Bijapur District of M/s. M. S. Patil Sugars Ltd., - reg.

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This has reference to your applications No. MSPSL/SEIA/11-12 dated 27.01.2012 addressed to the SEIAA, Karnataka and subsequent letters addressed to SEIAA/SEAC seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form 1, EMP and the additional clarifications furnished in response to the observations of the SEAC, Karnataka. SEAC has recommended for issue of environmental clearance in its meetings held on 17.03.2012 & 22/23.06.2012.

2. The proposal is for establishment new sugar plant of capacity 5000 TCD and 19 MW co-generation plant at 21/1, 27/7, 60/3, 77/4, 314/4 of Nimbal BK Village, Sy. No. 190/9 of Nimbal KD Village & Sy. No. 328/2, 328/6, 348 & 343/2 of Hanjagi Village, Indi Taluk, Bijapur District. The total land area is 97 Acres & 23 Guntas (39.51 Hectares) out of which 25.20 acres will be used for the proposed plant. The water requirement is 212 KLD, which will be obtained from River Bhima & Krishna Canals. Baggase (85 %) will be used as fuel and Indian/imported coal (15%) will be used as auxiliary fuel. It is proposed to 110 TPH capacity of boiler. ESP along with adequate stack height will be provided to bagasse/coal fired boilers (1 No. x 110 TPH) to control particulate emissions within 100 mg/Nm<sup>3</sup>. The total investment of the project is Rs. 180 Crores.



provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:-

**Specific Conditions:**

1. Suitable Air Pollution Monitoring System (ESP) and stacks of appropriate height as per the CPCB guidelines shall be provided to control emissions from various sources and shall ensure emissions levels below the KSPCB prescribed standards. Separate electric meters should be provided to the Air pollution Monitoring System and a separate log book maintained for the daily meter readings and monthly report submitted to concerned Regional Officer, KSPCB & Regional Director (Environment); Department of Ecology and Environment, Government of Karnataka, Belgaum. The production process should be interlocked with the Air Pollution control systems.
2. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be followed.
3. ETP treated water shall not be let out of the industry's premises and should be used for farming/gardening within.
4. Ash generated should be mixed with press mud and composted and used or given to farmers as manure. 100% utilization of ash should be ensured from the date of operation of the plant. The project authorities shall adhere to the provision stipulated in the flyash notification of September, 1999 and as amended in August, 2003 in regard to flyash utilisation.
5. Only bagasse/biomass should be used as fuel and shall not use more than 15 % of coal as auxiliary fuel. Not to use wood logs, coal as fuel & no other fuels should be used.
6. No ground water shall be drawn at any stage. Treated effluents shall be used for sugar cane seed farm/green belt development. There should be no wastewater discharge from the plant.
7. For controlling fugitive dust inside and outside the plant premises and vulnerable areas of the plant, dust extraction and suppression system and water sprinklers shall be ensured.
8. Noise level shall be limited to 75 dBA. For people working in high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
9. Minimum 33 % green area should be developed in the project area. Planting should be done with tree density of about 1111 trees per ha. i.e. at an espacement of 3mX3m and cover with suitable local perennial tree species.
10. The gaseous emissions ( $SO_2$ ,  $NO_x$ ) and particulate matter from Boilers, D.G. sets and other processes shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation under intimation to the Regional Officer, KSPCB & Regional Director (Environment), Department of Ecology and

Environment, Government of Karnataka, Belgaum and shall not be restarted until the desired efficiency has been achieved.

11. The Project authorities shall develop separate drain for storm and wastewater so that during rains, wastewater is not mixed with the stormwater. The wastewater drains shall be provided with V-notch for monitoring the quantity of wastewater and the wastewater quantity shall be limited to the extent of permission of Karnataka State Pollution Control Board.
12. Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.
13. The company shall take adequate steps to avoid odour nuisance from disposal of press mud and EIP sludge. The transportation of these shall be in covered means.
14. The company shall develop covered storage areas for lime, sulphur, and Phosphoric acid to avoid mixing of the same with the rainwater for the existing sugarcane plant.
15. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre shall be strengthened and the regular medical test records of each employee shall be maintained separately.
16. The project proponent shall take up construction works only after obtaining water allocation from the Water Resources Department.
17. The project proponent shall donate Rs. 5 Lakhs to Government Higher Primary School, Nimbai (KD), Government Higher Primary School, Nimbai (BK) and Government Higher Primary School, Hanjagi towards the corporate social commitment made vide letter dated 30.07.2012 within the financial year 2013-14 as committed and report be submitted to the Authority.
18. At least 5 % of the total cost of the project should be earmarked towards future corporate social responsibility and item wise details along with time bound action plan should be prepared and submitted to the Authority. Implementation of such programmes should be ensured accordingly in the time bound manner.

#### **General Conditions:**

1. All the conditions stipulated in CFE/CFO issued by Karnataka State Pollution Control Board shall be strictly implemented.
2. Industry should operate with the required safety standards prescribed by the Director of Factories and Boilers Department.
3. The locations of ambient air quality monitoring stations shall be decided in consultation with the Karnataka State Pollution Control Board (KSPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.



4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
6. Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.
7. Regular monitoring of the air and water quality should be carried out in and around the plant and records be maintained. Half yearly reports shall be submitted to the SEIAA Karnataka, MOEF Regional Office, Bangalore, Department of Environment and Ecology, Government of Karnataka and Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.
8. Adequate numbers of ground water quality monitoring stations shall be set up around the green belt area. These monitoring stations will be provided with piezometers. The company shall monitor six monthly, the soil and ground water quality in the plant and green belt area to ensure that there shall not be ground water pollution and reports submitted to Ministry's Regional Office/ SPCB/CPCB, Department of Environment and Ecology, Government of Karnataka, Bangalore and the Regional Director (Environment) Department of Ecology and Environment, Government of Karnataka, Belgaum.
9. The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Karnataka State Pollution Control Board and Authority website at <http://seiaa.kar.nic.in>.
10. A separate environment and safety management cell with qualified staff shall be set up with a representative from co-generation before commission of construction activities and shall be maintained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.
11. Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to SEIAA, Karnataka / Regional Office of Ministry of Environment & Forests, Bangalore /CPCB/KSPCB, Department of Environment and Ecology, Government of Karnataka and Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum.
12. Karnataka SEIAA/Regional Office of the Ministry of Environment and Forests located at Bangalore/ Department of Environment and Ecology, Government of Karnataka and the Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka,

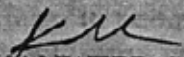
Belgaum will monitor the implementation of the stipulated conditions. Complete set of Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office of MOEF Bangalore/ SEIAA, Karnataka /Department of Ecology and Environment, Government of Karnataka and the Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum for their use during monitoring.

13. Separate funds should be allocated for implementation of Environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the, SEIAA Karnataka, MOEF regional Office, Bangalore, Department of Environment and Ecology, Government of Karnataka and Regional Director, (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum: ... ..
14. The project authorities should inform the SEIAA, Karnataka/ Department of Environment and Ecology, Government of Karnataka/ Regional Director, (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum / Regional Office of the Ministry of Environment and Forests regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.
15. The project Authorities shall provide proper rain water harvesting and ground water recharge facilities and report be submitted.
16. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for lighting and heating should be provided. Details in this regard should be submitted to the SEIAA.
17. Full cooperation should be extended to the Scientists/ Officers from the Ministry/ Regional office of the Ministry at Bangalore/ the CPCB / the KSPCB/ the Department of Environment and Ecology, Government of Karnataka/ Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum who would be monitoring the compliance of conditions.
18. A master plan for social commitment giving details of proposed works /activities and expenditure year wise to be prepared and submitted to SEIAA and shall be implemented strictly.
19. The project proponent should display the conditions prominently at the entrance of the project on a big panel board for the information of the public.
20. The infrastructure of transport roads linking to the nearest main road shall be improved and maintained by the proponent.
21. The SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Authority.



22. No further expansion or modifications in the plant shall be carried out without prior approval from the SEIAA Karnataka. In case of any deviation or alteration in the project proposed from those submitted to this SEIAA for clearance, a fresh reference should be made to the SEIAA to assess the adequacy of the conditions imposed and to add additional conditions for environmental protection required, if any.
23. The above stipulations would be enforced among others under the Water (prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments, the Environment Impact Assessment Notification of January, 2006 and their subsequent manufacture, storage and Import of Hazardous Chemicals Rules, 1989 amendments.
24. The issue of Environment Clearance doesn't confer any right to the project proponent to operate / run the project without obtaining statutory clearances / sanctions from all other concerned Authorities.
25. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
26. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
27. This environmental clearance is issued without any prejudice to the legal cases if any, which may arise on account of violation.

Yours Faithfully,

  
(KANWERPAL)  
Member Secretary,  
SEIAA.

Copy to:

- 1) The Secretary, Ministry of Environment & Forests, Government of India, Paryavaran Bhavan, CGO Complex, Lodi Road, New Delhi-110003.
- 2) The Special Secretary, Department of Environment and Ecology, Government of Karnataka, Bangalore.
- 3) The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
- 4) The CCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, 5<sup>th</sup> Floor, E & F wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bangalore-560 034, Bangalore.
- 5) Regional Director (Environment), Ecology and Environment Department, No.1, Charanti Math Building, Shivalaya Road, Sadashiva Nagar, Belgaum.
- 6) Guard File.