

Chapter 7

Additional Studies

7 (a) Public Consultation

Public Hearing Notification in English Newspaper India Express dated 14-01-2018

THE NEW SUNDAY EXPRESS **AMARAVATI**
03 VIJAYAWADA SUNDAY 14.01.2018

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ANDHRA PRADESH POLLUTION CONTROL BOARD
REGIONAL OFFICE - PLOT NO. 41, Opp. SBI, Gurunanak Road,
Sri Kanakadurga Officer's Colony, VIJAYAWADA-520008. Ph: 0866 - 2543542

ENVIRONMENTAL PUBLIC HEARING

In accordance with the Notification No. S.O.1533 dated 14th September, 2006 and the circulars issued thereof by the Ministry of Environment, Forest & Climate Change (MoEF&CC), Government of India, the A.P. Pollution Control Board hereby Issue Environmental Public Hearing notice for the proposed expansion of Active Pharmaceutical Ingredient (APIs) & API Intermediates from the existing capacity of 2940 TPA to 11601 TPA (after expansion) with R&D facility and 3 MW Captive Power Plant by M/s. Porus Laboratories Pvt. Ltd., in the existing plant premises located at Akkireddygudem (V), Musunuru (M), Krishna District, Andhra Pradesh. The details of the project are as mentioned below:

1. Name & Address of the Project Office	M/s. Porus Laboratories Pvt. Ltd., Unit-IV, Akkireddygudem (V), Musunuru (M), Krishna District, Andhra Pradesh-521213
2. Location of the Project/Extent	Existing premises of M/s. Porus Laboratories Pvt. Ltd., Unit-IV, Akkireddygudem (V), Musunuru (M), Krishna District, Andhra Pradesh. Total Plot Area: 10.23 Hectar.
3. Name of the Authorized Person to be contacted with address and phone No.	Sri K. Malakondalah, G.M., (EHS) M/s. Porus Laboratories Pvt. Ltd., Unit-IV, Akkireddygudem (V), Musunuru (M), Krishna District, Andhra Pradesh-521213. Ph: 0866-225225, 225226 Cell No. 7995015667, e-mail: malakondalah.kola@poruslabs.com
4. Project Cost	Total investment of Rs.81.052 Crores including the existing investment of Rs.24.96 crores.
5. Line of Activity	Expanding the production capacity of Active Pharmaceutical Ingredient (APIs) & API Intermediates from the existing capacity of 2940 TPA to 11,601 TPA and to establish R&D facility and 3 MW Captive Power Plant within the existing premises.
6. Date & Time Venue of Public Hearing	Date: 16-02-2018, 11.00 AM Venue: Industry premises, Akkireddygudem (V), Musunuru (M), Krishna District.
7. Places of availability of Executive Summary & EIA Report, which are kept open for public:	
i. Office of the District Collector, Machilipatnam, Krishna Dist.	
ii. Office of the Chief Executive Officer, Zilla Parishad, Machilipatnam, Krishna Dist.	
iii. Office of the General Manager, District Industries Center, Vijayawada.	
iv. Office of the Member Secretary, APPCB, D.No.33-26-14D/2, Chalamalavari Street, Kasturibaipet, Vijayawada-10.	
v. Office of the Principal Secretary, EFS&T Department, A.P. Secretariat, Velagapudi, Amaravathi.	
vi. Office of the Joint Chief Environmental Engineer, APPCB, Zonal Office, Plot No.41, Opp.SBH, Gurunanak Road, Sri Kanakadurga Officer's Colony, Vijayawada.	
vii. Office of the Environmental Engineer, APPCB, Regional Office, Plot No.41, Opp.SBH, Gurunanak Road, Sri Kanakadurga Officer's Colony, Vijayawada.	
viii. Office of the Revenue Divisional Office, Nuzvid, Krishna Dist.	
ix. Office of the Thasildar, Musunuru Mandal, Krishna Dist.	
x. Grampanchayat Officers of Ramanakkapet, Akkireddygudem, Chekkapalli and Suryapalli, of Musunuru (M), Krishna District.	

In accordance with MoEF&CC Notification No. S.O. 1533, dated 14th September, 2006, suggestions, views, comments and objections of the public, if any on the above project are invited in writing on or before the date of environmental public hearing to the under signed officer of the Andhra Pradesh Pollution Control Board. All the persons can also participate in the environmental public hearing on the date, time and venue specified above.

Sd/-
ENVIRONMENTAL ENGINEER
A.P. Pollution Control Board,
Vijayawada

Date: 13-01-2018
Place: Vijayawada

Public Hearing Notification in Telugu Newspaper Sakshi dated 14-01-2018

సాక్షి రాష్ట్రీయం

విజయవాడ | ఆదివారం | జనవరి 14 | 2018 | www.sakshi.com

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● మద్యం విక్రయాలకు, గుండాటకు జోరుగా ఏర్పాట్లు

ఏలూరు టౌన్, అమలాపురం, కంకిపాడు (పెనమలూరు): పోటీలకు వందేం కోడి కత్తులు దూస్తోంది! వశ్యమ, తూ గోదావరి, కృష్ణా, గుంటూరు తదితర జిల్లాల్లో బడ సిద్ధమయ్యాయి. న్యాయస్థానం ఆదేశాలు, పోలీస్ అంక్షల్ల దిక్కుదన్నా కృష్ణా జిల్లాలో టీడీపీ ఎమ్మెల్యే బోడే ప్రసాద్ ఎమ్మెల్యే వైవీబీ రాజేంద్రప్రసాద్ వండుగురు ఒకరోజు ము కోడి వందేంకు అంకురార్పణ చేశారు. బారీగా డబ్బులు చేత మారటంతో బరులు వందేంరాయుళ్లతో సిండిపోయా మరోవైపు ఉప ముఖ్యమంత్రి, చోంమంత్రి నిమ్మకార చినరాజప్ప సొంత నియోజకవర్గంలోనూ కోడి వందే ఏర్పాట్లు జోరందుకున్నాయి.

- వశ్యమ గోదావరి జిల్లా ఉండి నియోజకవర్గంలోని కా ఉండి, పాలకోడేరు, అకివీడులో మూడురోజుల పాటు వందేలు నిర్వహించేందుకు రంగం సిద్ధమయ్యింది.
- రాజేవల్లిగూడెం నియోజకవర్గంలో సుమారు 22 బడ పోటీలకు సిద్ధం చేశారు.
- చింతలపూడి, పోలవరం, గోపాలపురం, పాలకొ నిడదవోలు నియోజకవర్గాల్లోనూ బరులలో కోలాహ నెలకొంది.
- తూర్పు గోదావరి జిల్లా ఐ.పోలవరం మండ మురమ్మలో ముమ్మడివరం ఎమ్మెల్యే దాట్ల బుచ్చిబ కనునన్నలో వందేలు నిర్వహించేందుకు బారీ ఏరా చేశారు. కోడివందేల కోసం మైదాన తీర్చిదిద్దడంతోపాటు గ్యాలరీ, ఫ్లడైట్లు ఏర్పాటు చేశా

పోలీసులకు సంక్రాంతి

- ఇప్పటికే సెలవులో ఉన్నవాళ్ళూ విధులకు రావాల్సిందే
- జిల్లా ఎస్పీల ఆదేశాలతో తీవ్ర ఆవేదనలో పోలీసులు

సాక్షి, అమరావతి: పోలీసులకు సంక్రాంతి పండుగ మూడు రోజులు సెలవులేవని, ఇప్పటికే సెలవులో ఉన్నవారు కూడా విధులకు హాజరైవాల్సిందేనని జిల్లా ఎస్పీల ఆదేశాలతో పోలీసులు కలత చెందుతున్నారు. కోడివందల సేవల్లో రాష్ట్రంలో 13 జిల్లాల్లోని పోలీసులకు సెలవులు రద్దు చేస్తూ పోలీస్ ఉన్నతాధికారులు నిర్ణయం తీసుకున్నారు. బోగి, సంక్రాంతి, కనుమ మూడు రోజులు సెలవులు పెట్టడానికి వీలులేదని శుక్ర, ఆదివారం అన్ని జిల్లాల ఎస్పీలు సెట్ పోలీస్

(వైరెస్ చేయడం కొత్త ఆ ఆందుకా పొల్లనా అవేదనక ఆదేశాలతో పోలీసుల చేరినట్టు వండుగో పిండి వ ఆనందం కోడివంద ఉండాలి అయితే కోర్టు కోర్టు గనివారం అన్ని జిల్లాల ఎస్పీలు సెట్ పోలీస్



ఆంధ్రప్రదేశ్ కాలుష్య నియంత్రణ మండలి

స్థానికీయ కార్యాలయం: ప్లాట్ నెం. 41, యస్.ఐ.ఎ ఎదురుగా, గురునానక్ రోడ్, శ్రీ కనకదుర్గా ఆఫీసర్స్ కాలనీ, విజయవాడ - 520 008. ఫోన్: 0866-2543542

పర్యావరణ సంబంధిత ప్రజాభిప్రాయ సేకరణ ప్రకటన

కేంద్ర పర్యావరణ, ఆదవల మరియు వాతావరణ మార్పు మంత్రిత్వ శాఖ (MoEF&OC) ప్రకటన నెం. ఎస్.ఓ. 1533, 14 సెప్టెంబర్ 2006 అనుసరించి, ఆంధ్రప్రదేశ్ కాలుష్య నియంత్రణ మండలి, విజయవాడ వారు బందుమూలముగా తెలియజేయునది ఏమనగా M/s. పోర్స్ లోకేటర్స్ సైనేట్ లిమిటెడ్, అక్కిరెడ్డిగూడెం (గ్రామం, మునుపూరు మండలం, కృష్ణా జిల్లా వారు ప్రస్తుతమున్న పరిశ్రమను విస్తరించి సామర్థ్యం పెంచుటకు ప్రతిపాదన చేయున్నారు. ఈ ప్రతిపాదనకు పర్యావరణ ప్రభావిప్రాయ సేకరణ ప్రకటన జారీచేయబడునది. ప్రతిపాదిత కార్యకలాపాల వివరములు ఈ క్రింద వివరించబడ్డాయి.

1. కంపెనీ పేరు మరియు చిరునామా	M/s. పోర్స్ లోకేటర్స్ సైనేట్ లిమిటెడ్ యానిల్-IV, అక్కిరెడ్డిగూడెం (గ్రామ), మునుపూరు (మం), కృష్ణా జిల్లా, ఆంధ్రప్రదేశ్-521213
2. ప్రాజెక్టు ప్రకేతము / విస్తీర్ణం	M/s. పోర్స్ లోకేటర్స్ సైనేట్ లిమిటెడ్, యానిల్-IV వారి ప్రస్తుత పరిశ్రమ యందు, అక్కిరెడ్డిగూడెం (గ్రామ), మునుపూరు (మం), కృష్ణా జిల్లా, ఆంధ్రప్రదేశ్. మొత్తం ప్లాట్ విస్తీర్ణం: 10.23 హెక్టార్లు.
3. ఏర్పాటు అవుతున్న ఎలల సంప్రదించబడిన సంబంధిత కంపెనీ అధికారి పేరు, చిరునామా మరియు టెలిఫోన్ నెంబర్	శ్రీ B. మాంకొండయ్య, G.M. (EHS) M/s. పోర్స్ లోకేటర్స్ సైనేట్ లిమిటెడ్, యానిల్-IV, అక్కిరెడ్డిగూడెం (గ్రామ), మునుపూరు (మం), కృష్ణా జిల్లా, ఆంధ్రప్రదేశ్-521213. ఫోన్: 08656-225225, 225226, పేజీ: 7995015667. ఇ-మెయిల్: gashikondal@kashikondal.com
4. ప్రతిపాదిత కార్యకలాపాలకు తోటాయించిన పెట్టుబడి	మొత్తం పెట్టుబడి రూ. 81.052 కోట్లు (ప్రస్తుత పరిశ్రమ పెట్టుబడితో కలిపి)
5. ప్రతిపాదిత కార్యకలాపాల వివరములు	యాక్టివ్ ఫార్మాసుటికల్ బిల్డింగ్స్ యూట్ (APIs) & API బిల్డింగ్స్ యూట్స్, ప్రస్తుత ఉత్పత్తి సామర్థ్యమును సాగిన 2940 టన్నుల నుండి 11601 టన్నుల వరకు పెంచుటకు, R&D ఫెసిలిటీ మరియు 3 MW క్యాలిడ్ వర్క్ ప్లాంట్ స్థాపించుటకు.
6. ప్రజాభిప్రాయ సేకరణ నిర్వహించే ప్రకేతము, తేది మరియు సమయము	తేది: 16-02-2018 సమయం: ఉదయం 11 గంటలకు ప్రకేతము: పరిశ్రమ ఆవరణ యందు, అక్కిరెడ్డిగూడెం (గ్రామ), మునుపూరు (మం), కృష్ణా జిల్లా.
7. ఈ ప్రాజెక్టుకు సంబంధించిన కార్యనిర్వాహక నిర్మాణము (తెలుగు మరియు ఇంగ్లీషు) మరియు పర్యావరణప్రభావ అంచనా రిపోర్టులు ప్రజల పరిశీలనార్థం దిగువ ప్రకేతములందు ఉంచబడ్డాయి.	
i. జిల్లా కలెక్టరు వారి కార్యాలయం, మెడిసిన్, కృష్ణా జిల్లా.	
ii. ముఖ్య కార్యనిర్వాహకాధికారి వారి కార్యాలయం, జిల్లా పరిషత్, మెడిసిన్, కృష్ణా జిల్లా.	
iii. జనరల్ మేజిస్ట్రేట్ వారి కార్యాలయం, జిల్లా పరిషత్ కేంద్రం, విజయవాడ.	
iv. మెంబర్ సెక్రటరీ వారి కార్యాలయం, ఆంధ్రప్రదేశ్ కాలుష్య నియంత్రణ మండలి, రోడ్ నెం.33-26-142/2, రంగువారిపేట, విజయవాడ-10.	
v. డివిజన్ సెక్రటరీ వారి కార్యాలయం, ఐ.ఆర్.ఎస్ & టి డిపార్ట్మెంట్, ఎ.పి. సెక్రటేరియట్, వెంగళపాడి, అమరావతి.	
vi. జాయింట్ రీఫ్ ఎగ్జిక్యూటివ్ అంజీనీర్, ఆంధ్రప్రదేశ్ కాలుష్య నియంత్రణ మండలి, శోనర్ కార్యాలయం, ప్లాట్ నెం. 41, యస్.ఐ.ఎ ఎదురుగా, గురునానక్ రోడ్, శ్రీ కనకదుర్గా ఆఫీసర్స్ కాలనీ, విజయవాడ.	
vii. ఎగ్జిక్యూటివ్ అంజీనీర్, ఆంధ్రప్రదేశ్ కాలుష్య నియంత్రణ మండలి, రీజనల్ కార్యాలయం, ప్లాట్ నెం. 41, యస్.ఐ.ఎ ఎదురుగా, గురునానక్ రోడ్, శ్రీ కనకదుర్గా ఆఫీసర్స్ కాలనీ, విజయవాడ.	
viii. రెవిన్యూ డివిజన్ వారి కార్యాలయం, సూజీపేట, కృష్ణా జిల్లా.	
ix. తహశీల్దార్ వారి కార్యాలయం, మునుపూరు మండలం, కృష్ణా జిల్లా.	
x. గ్రామ పంచాయతీ ఆఫీస్ వారి కార్యాలయం, రంగువారిపేట, అక్కిరెడ్డిగూడెం, రెవెన్యూ మరియు సూర్యాపల్లి, మునుపూరు (మం), కృష్ణా జిల్లా.	

ఈ ప్రతిపాదిత కార్యకలాపాల వలన పర్యావరణ పరంగా ఇబ్బందులనిదుర్చుకు వారు కేంద్ర పర్యావరణ, ఆదవల మరియు వాతావరణ మార్పుల మంత్రిత్వశాఖ, భారత ప్రభుత్వం వారిచే జారీచేయబడిన పర్యావరణ ప్రభావ అంచనా ప్రకటన నెం. యస్.ఓ. 1533, 14 సెప్టెంబర్ 2006 మరియు తదుపరి సవరణలను అనుసరిస్తూ తమ అభిప్రాయాల, సూచనలు, ఇబ్బందులు, వ్యాఖ్యలు ఏదేని ఉన్న యెడల ప్రజాభిప్రాయ సేకరణ ఆధున తేదిలోపు లిఖిత పూర్వకంగా క్రింది సంబంధించిన తెలియపరచునది కోరబడునది లేదా వైన పేర్కొనబడిన తేదీ, సమయము, తేదీక నందు ప్రజాభిప్రాయ సేకరణ కార్యక్రమములో స్వయముగా పాల్గొని తమ అభిప్రాయాల, సూచనలు, ఇబ్బందులు, వ్యాఖ్యలు తెలియజేయవచ్చును.

సం/-
పర్యావరణ ఇంజీనీరు,
ఆంధ్రప్రదేశ్ కాలుష్య నియంత్రణ మండలి,
విజయవాడ

తేది : 13-01-2018
ప్రకేతం: విజయవాడ



ANDHRA PRADESH POLLUTION CONTROL BOARD
REGIONAL OFFICE, VIJAYAWADA.
Plot No.41, Sri Kanakadurga Officers' Colony, Gurunanak Road, Vijayawada – 8.

Ph.No. : 2543542.

Lr.No.K-48/PCB/RO-VJA/2018-1257

Date 19-02-2018.

To

✓ Sri K. Malakondaiah,
 G.M., (EHS),
 M/s.Porus laboratories Pvt. Ltd., Unit – IV
 Akkireddygudem (V), Musunuru (M),
 Krishna Dist.

Sir,

Sub:- APPCB – RO – VJA – Proceedings of the Environmental Public Hearing held on 16-02-2018 at **industry premises, Akkireddygudem (V), Musunuru (M)**, Krishna District. – Approved Minutes of the Public Hearing – Communicated – Reg.

Ref:- Public hearing held on 16-02-2018.

Please find enclosed herewith approved minutes of the Environmental Public Hearing held on 16-02-2018 at industry premises, Akkireddygudem (V), Musunuru (M), Krishna Dist. for expansion proposals of M/s. Porus Laboratories Pvt. Ltd., Unit-IV, for increasing the Production Capacity of Active Pharmaceutical Ingredient (APIS) & API Intermediates from the existing 2940 TPA To 11601 TPA, to establish R&B facility and 3 MW captive power plant at existing plant premises.

Yours faithfully,

Encl :- As above.

ENVIRONMENTAL ENGINEER

MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING HELD ON 16.02.2018 AT AKKIREDDYGUDEM (V), MUSUNURU (M), KRISHNA DISTRICT FOR EXPANSION PROPOSALS OF M/S. PORUS LABORATORIES PVT. LTD., UNIT-IV, FOR INCREASING THE PRODUCTION CAPACITY OF ACTIVE PHARMACEUTICAL INGREDIENT (APIS) & API INTERMEDIATES FROM THE EXISTING 2940 TPA TO 11601 TPA, TO ESTABLISH R&B FACILITY AND 3 MW CAPTIVE POWER PLANT IN THE EXISTING PLANT PREMISES AT AKKIREDDYGUDEM (V), MUSUNURU (M), KRISHNA DISTRICT

PANEL MEMBERS:

1. Sri P.Babu Rao,

Chairman,
Joint Collector and Additional
District Magistrate (I/C),
Krishna Dist.

2. Sri E.Satyanarayana,
Environmental Engineer

Rept. of A.P. Pollution Control
Board, Regional Office,
Vijayawada, Krishna Dist.,
Andhra Pradesh.

Industry Representatives :

1. Sri P.Dilip, Vice President, M/s. Porus Laboratories Pvt. Ltd., Unit - IV
2. Sri K.Malakondaiah, G.M., (EHS), M/s.Porus laboratories Pvt. Ltd., Unit – IV
3. Sri J. Thirumalesh, Technical Director, M/s KKB Envirocare Consultants Pvt. Ltd., Hyderabad (Environmental Consultant)

At the outset, the Environmental Engineer, APPCB, RO, Vijayawada welcomed the public gathered for the Environmental Public Hearing and briefed about the proposal of M/s. Porus Laboratories Pvt. Ltd. that they proposed for expansion of their existing industry located at Akkireddygudem (V), Musunuru (M), Krishna District, with a total investment of Rs.81.052 Crores including the existing investment of Rs. 24.96 crores. He further informed that as per the Ministry of Environment, Forests & Climate Change, GOI Notification, dated 14.09.2006, for the projects listed in Category-A (5f) of the Schedule, Environmental Public Hearing is mandatory to be conducted as part of obtaining Environmental Clearance (EC). In accordance with the procedure prescribed for the public hearing in the MoE&F notification dt. 14.09.2006, the AP Pollution Control Board, Vijayawada issued press advertisement in Saakshi (Telugu) and The New Indian Express (English) daily news papers on 14.01.2018 about the Environmental Public hearing inviting concerns of the public, comments, views, objections, apprehensions, clarifications and suggestions etc., if any, on the project proposal in writing from the public, bonafied residents, environmental groups and others located near the proposed project area likely to be affected for a minimum period of 30 days. He further informed that the copies of Draft Environmental Impact Assessment (EIA) report and the Executive Summary in Telugu & English were made available to the Public at the places mentioned in the advertisement. During the period of 30 days from the date of issue of advertisement, the AP Pollution Control Board has not received any representation.

Signature
Signature
ENVIRONMENTAL ENGINEER
A.P. Pollution Control Board
PLOT NO. 41, GURUNANAK ROAD
KANAKADURGA OFFICER'S COLONY
VIJAYAWADA-520 002

He added that the proceeding of the public hearing would be submitted to MoEF & CC, GOI., along with the statement of representations received and the proponent's response for taking further necessary action. He requested the Joint Collector & Additional District Magistrate (I/C), Krishna District and Chairman of environmental public hearing panel to conduct the proceedings.

Sri P.Babu Rao, Joint Collector & Additional District Magistrate (I/C), Krishna District while welcoming the public gathered for the public hearing, stated that the purpose of the public hearing is to obtain the views / suggestions / objections of the public and the officials would note down the public views. The Proceedings and videography of the public hearing would be forwarded to MoEF, GOI for further course of action. The Joint Collector (I/C) further informed that the existing industry has been operating for the past 20 years and now proposed for expansion and asked the industry representatives to inform the public about CSR funds spent in the surrounding villages towards developmental activities.

Sri P.Dilip, Vice President, M/s. Porus Laboratories Pvt. Ltd., illustrated the amount spent under CSR activities in the surrounding villages as follows:

- Mandal Parishad Upper Primary School compound wall Akkireddygudem (V): Rs. 3 lakhs
- Cement road in Akkireddygudem (V): Rs. 6 lakhs.
- Saibaba Temple land 26 cents: Rs. 26 lakhs.
- Water plant Akkireddygudem (V) : Rs. 11 lakhs.
- Saibaba Temple donation (V) : Rs. 3 lakhs.
- Akkireddygudem (V) drain : Rs. 14.5 lakhs.
- CC Road extension Akkireddygudem (V) : Rs. 3.23 lakhs
- CC Road extension Akkireddyguem (V): Rs. 4.5 lakhs.
- Drain in Akkireddygudem (V) : Rs. 4.0 lakhs.
- Donation to seven churches Akkireddygudem (V) : Rs. 12.25 lakhs.
- Ramanakkapeta (V) hospital painting : Rs. 0.85 lakhs.
- Benches Ramanakkapet (V) : Rs. 0.50 lakhs.
- Lights two nos. Ramanakkapet (V): Rs. 0.50 lakhs.
- Surepalli (V) water plant : Rs. 12.5 lakhs
- Toilets construction 200 nos. @ Rs.2000/- under Swacha Bharath: Rs. 4.0 lakhs.

Total : Rs. 1.0583 crores.



The Joint Collector (I/C) then asked the industry representative to explain in detail about the expansion project, its environmental impacts and control measures proposed to the public gathered.

B. S. Hanumanth
 ENVIRONMENTAL ENGINEER
 A.P. Pollution Control Board
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Sri Mr. Malkondaiah, General Manager of M/s. Porus Laboratories Pvt. Ltd., Unit –IV, welcomed the gathering and informed that they proposed to expand their production capacity from the existing of 2940 TPA to 11601 TPA for manufacturing of total 18 Active Pharmaceutical Ingredients (APIs) & API Intermediates with R&D facility along with captive power plant of 3 MW (coal/ husk/pellets based). They submitted expansion proposals to MoEF&CC, GoI and obtained Terms of Reference for carrying out environmental impact assessment and preparing draft EIA Report. As per the terms of reference, the draft EIA report was prepared and submitted to AP Pollution Control Board for conduct of Environmental Public Hearing.

While briefing about the CSR activities, he informed that the employment opportunities would be increased from the existing 150 to 300 no.s because of the expansion project, including direct (200 persons) and indirect (100 persons). He assured that the preference would be given to local people from the surrounding villagers. He further informed that an amount of Rs. 138 lakhs would be spent in the surrounding villages in consultation with village committees within a span of 5 years period under Corporate Social Responsibility (CSR). An extent of 11.67 acres of land out of 25.26 acres would be allocated for green belt development, i.e., 46.2% of total land. Their environmental consultant Sri J. Thirumalesh, Technical Director, on behalf of M/s KKB Envirocare Consultants Pvt. Ltd., Hyderabad, explain in detail about the environmental aspects, pollution control systems and environmental management of the project.

Sri J. Thirumalesh, Technical Director, on behalf of M/s KKB Envirocare Consultants Pvt. Ltd., Hyderabad while briefing about the project informed that M/s Porus Laboratories Pvt. Ltd., Unit-IV proposed for expansion to manufacture total 18 APIs and API Intermediates along with R&D and 3 MW coal/ husk/ pellets based captive power plant from permitted 12 products in an area of existing and extending area from 6.48 Ha to 10.23 Ha based on market demand. Manufacturing of proposed products will result in increase in pollutants such as effluent generation, emission of gases, hazardous waste and in noise levels. Based on MoEF&CC issued Terms of Reference (ToR), study of environmental impacts were conducted in a 10 Km radius study area for surface/ ground water, air and noise levels in plant site and surround villages viz. Surepalli (V), Basavarapadu (V), Chekkapalli (V), Akkireddigudem (V), Nehrunagaram (V), Ramanakkapeta (V), Kondaparva (V), Gollajudem (V). Analysis results reveals that the levels of PM_{2.5}, PM₁₀, SO₂, NO₂, HC, CO, NH₃, and VOC are found within the levels, stipulated.

While briefing about the Wastewater generation and its mitigation measures, he informed that total water requirement is estimated to be 1587 KLD including existing  water consumption of 113.13 KLD of the total water consumption, the freshwater 

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requirement will be 758 KLD and the remaining water will be recycled water. At present the waste water generation is 50.14 KLD. After expansion, the waste generation would be increased to 938 KLD. The wastewater generated will be segregated into HTDS/HCOD and LTDS/LCOD effluent. The HTDS effluent to the tune of 684 KLD will be sent to Steam stripper followed by Multiple Effect Evaporator (MEE). The condensate thus generated, will be mixed with Low TDS effluent of 242 KLD and sent to Effluent Treatment Plant (ETP), followed by RO system. The treated waste water will be reused in cooling towers and boilers and made Zero Liquid Discharge (ZLD) system. A guard pond will be provided to keep storage of Raw effluent, in case of any break down of ETP. Standby pumps and required equipment will be kept in store room to meet the emergency requirement. The treated waste water will be stored in RCC tanks constructed 1.0 m above the ground level so as to avoid ground water pollution.

The existing industry is having a boiler of 5 TPH capacity. For expansion proposal, the industry proposed to install 30 TPH boiler for 3 MW captive power plant, 10 TPH and 8 TPH coal fired boilers for steam requirement in the process. The 8 TPH boiler and 1 lakh Kcal/hr diesel fired Thermic Fluid Heater would be kept as standby, and the existing 5 TPH boiler would be removed. Electro Static Precipitator (ESP) with stack height of 55 m will be provided for 30 TPH boiler and Multi- cyclones followed by bag filters will be provided for control of dust emissions and a common stack of height 40 mts. Would be provided for dust and separate stacks with stack heights of 40 m to 10 TPH and 8 TPH boilers.

To quench the process emissions, it is proposed to install caustic and water based dual stage scrubbers and Flame Arresters. The industry also proposed to install standby DG sets of capacity 2x1000 KVA & 3x500 KVA to meet the power requirements during the time of power breakdowns.

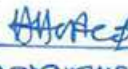
The estimated generation of Solid Waste from the proposed products is about 92.6 TPD. Now the permitted solid waste generation is 5.213 TPD. Solid Wastes generated from production process will be separated and stored in HDPE bags which will be kept storage in elevated covered platforms having leachate collection facilities. The stored solid waste will be sent to TSDF or authorized cement industries duly following manifest copy system.

The industry is implementing the conservation of natural resources programme in cooperation with PCB and Ground Water Department by developing Rain Water Harvesting system (RWHS).

Finally he requested the villagers to support the industry and they would implement the welfare measures through Enterprise Social Commitment route for the development of village.

The Joint Collector Additional District Magistrate (I/C), Krishna District asked the public to express the pollution problems if any, that are facing from the existing industry and also to express their concerns, opinion, suggestions, views etc. on the proposed expansion project.

1. **Smt M.Subhadhra, Sarpanch of Akkireddygudem village**, informed that they are not facing any pollution problems from the existing industry. She requested the industry management to support the village developmental works.
2. **Sarpanch, Chakkapalli village** informed that they are not experiencing any pollution problems and welcomed the proposed expansion.
3. **Sri CH.Povulu, MPTC, Chakkapalli village**. He supported the industry for expanding their production activities.
4. **Sri Ch. Venkateswara Rao, ZPTC, Chakkapally**. He also expressed that the industry is not causing any pollution problems to the surrounding villages. He further informed that as part of CSR activities whatever they committed they are implementing in consultation with the village committees. He expressed that the industry shall support in developmental works for Chakkapalli village also.
5. **Sri D.Venkamma, Sarpanch, Ramanakkapeta village**. She expressed that the existing industry is not creating any pollution problems and the villagers are supporting the proposed expansion by the industry.
6. **Sri D.Sattayya, Ex. sarpanch, Akkireddygudem village**. He stated that the industry has supported for construct water tank for the village. He further informed that the villagers are not facing any health problems.
7. **Smt Madala Baby Sujatha, Ex Sarpanch, Akkireddygudem village**. She informed that they are not facing any pollution problems. Whenever any pollution issues arised that they would bring to the notice of the industry management and they are responding immediately to solve the issues. The industry management is supporting for developmental works which includes construction of water tank in the village, and adopted the Akkireddygudem village.


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8. **Sri T.Manmadha Rao, Akkareddygurem village.** While expressing his opinion, stated that the flue gas emissions from the industries, causes temperature raise in the earth, resulting in global warming. If the rain water mixes with the smoke of the industries, acid rains occurs, thereby causing ground water pollution. He suggested the industry to take all the required measures for control of air pollution and smoke from the chimneys.
9. **Sri Rangu Satyanarayana, Ramanakkapeta village.** He expressed his satisfaction of giving employment to the local villagers by the industry. Further informed that the industry is not creating any pollution problems to the village. He supported the expansion proposals of the industry. He requested the industry management to give further employment to the local villagers in the expansion project.
10. **Sri Vijaya Reddy, NGO, Hyderabad.** He suggested the following.
 - a. The Pollution levels shall not be increased after implementation of expansion project.
 - b. In addition to the developmental activities carried out under CSR activities the environment shall also be taken care of.
 - c. The green belt shall be developed within the industry premises with plants that emits good smell to absorb odour from the industry.
 - d. Rain water harvesting structures shall be set up not only in the industry but also outside the industry in the identified waste lands for increase of ground water table.
 - e. The CSR amount shall be allocated as per the guidelines.
 - f. The industry shall encourage the villagers for setting up of fly ash brick units for utilizing the fly ash generated from the proposed captive power plant. This will also help the villagers for solving unemployment.
 - g. For disposal of hazardous solid waste, alternative shall be explored other than disposal to cement units, as the cement plants are not properly handling this waste.
11. **Y. Chenna Kesavareddy, NGO, Hyderabad.** He welcomed the project and suggested the following.
 - Employment shall be given to local people
 - Effluent treatment plant shall be set up for treatment of waste water
 - Plantation shall be taken up within and outside the premises.
 - Rain water harvesting pits shall be set up
 - CSR amount shall be spent for the pollution affected villages
 - Regular medical camps shall be taken up in the villages.

12. Sri Madhubabu, NGO, Hyderabad, while welcoming the project he suggested that the industry shall take environmental protection measures, thick green belt in the premises, in the villages and along the roads. Effluent treatment plant shall be constructed for treatment of waste water.

13. Sri N.Srinivasarao, Akkireddygudem village. He sought employment for local educated and talented villagers.

The Joint Collector (I/C), Krishna District, asked the industry management to respond on the issues raised by the public.

Sri P.Dilip, Vice President of M/s. Porus Laboratories Pvt Limited, Unit – IV, while responding to the public opinion informed that they would note down the suggestions and accordingly will act as per the feasibility.

The Joint Collector (I/C), Krishna District concluded the public hearing and summed up the proceedings.

The Environmental Engineer, AP Pollution Control Board proposed vote of thanks for the Chair.

Sathyanarayana 16/2/18
Environmental Engineer
APPCB, VJA

23/2/18
Joint Collector
&
Additional District Magistrate (I/C)
Krishna Dist.

Accepted
Sathyanarayana
ENVIRONMENTAL ENGINEER
A.P. Pollution Control Board
PLOT NO. 41, GURUNANAK ROAD
KANAKADURGA OFFICER'S COLONY
VIJAYAWADA - 520 008

M/s Porus Laboratories Pvt. Ltd., Unit IV, Akkireddigudem (V), Musunuru (M), Krishna District, Andhra Pradesh**Project Proponent Response to Public Hearing Issues with action plan and time frame with financial budget**

Public supported the expansion project with suggestions. 13 persons have spoken and supported. Following is the Industry response to the Public Hearing issues. We noted down all their suggestions and observations raised by them.

Time Frame with Financial Budget: Expansion investment is Rs.55.29 Crores excluding the existing investment of Rs. 24.96 Crores (Total Rs. 80.25 Crores); Total capital cost allocated towards environmental pollution control measures is Rs.31 Crores including existing cost of Rs. 4.3 crores and 38.12 Crore per annum towards the recurring cost (operation & maintenance). Time frame for EMP is prior to operation i.e., 2 – 3 years. Enterprise Social Commitment (ESC) Budget of Rs. 138 lakhs has been earmarked @ 2.5 % of the proposed capital investment (Rs. 55.29 Crores) as per approved ToR. Time frame for the allocated ESC Budget mentioned above is 5 years. This will be in addition to the ESC allocation based on Net Profits per annum by Ministry of Corporate Affairs.

Sl. No.	Suggestions / Objections	Response From Project Proponent	Action Plan
1.	Smt. M. Subhadhra, Sarpanch of Akkireddygudem Village informed that they are not facing any pollution problems from the existing industry. She requested the industry management to support the village developmental works.	An amount of Rs. 138 lakhs are earmarked in our expansion proposal for the welfare measures to be undertaken for the residents of surrounding villages spread over for 5 years.	The ESC activities will be strengthened focusing on Education, Health and Improvement of basic amenities. An amount of Rs.138 lakhs earmarked for the following ESC activities for the surrounding villages. <ul style="list-style-type: none"> • Drinking Water (RO) system to nearby villages • Rainwater harvesting pits in surrounding villages • Solar Street lights in nearby villages • Multi-Purpose Ambulance facility • Other necessary activities as per nearby Village requirements
2.	Sarpanch, Chakkapalli Village informed that they are not experiencing any pollution problems and welcomed the proposed expansion	We welcome his observation.	-
3.	Sri CH. Povulu, MPTC Chakkapalli Village, He supported the industry for	We welcome his observation.	-

Sl. No.	Suggestions / Objections	Response From Project Proponent	Action Plan
	expanding their production activities.		
4.	Sri. Ch. Venkateswara Rao, ZPTC, Chakkapalli. He also expressed that the industry is not causing any pollution problems to the surrounding villages. He further informed that as part of CSR activities whatever they committed they are implementing in consultation with the village committees. He expressed that the industry shall support in developmental works for Chakkapalli village also.	We welcome his observation. An amount of Rs. 138 lakhs are earmarked in our expansion proposal for the welfare measures to be undertaken for the residents of surrounding villages spread over for 5 years. Further, we will also support Chakkapalli village as part of developmental works.	The ESC activities will be strengthened focusing on Education, Health and Improvement of basic amenities. An amount of Rs.138 lakhs earmarked for the following ESC activities for the surrounding villages including Chakkapalli village. <ul style="list-style-type: none"> • Drinking Water (RO) system to nearby villages • Rainwater harvesting pits in surrounding villages • Solar Street lights in nearby villages • Multi-Purpose Ambulance facility • Other necessary activities as per nearby Village requirements
5.	Mrs. D. Venkamma, Sarpanch, Ramanakkapeta Village. She expressed that the existing industry is not creating any pollution problems and the villagers are supporting the proposed expansion by the industry.	We welcome her observation.	-
6.	Sri. D. Sattayya, Ex-Sarpanch, Akkireddygudem village. He stated that the industry has supported the construct water tank for the village. He further informed that the villagers are not facing any health problems.	We welcome his observation.	-
7.	Smt. Madala Baby Sujatha, Ex-Sarpanch, Akkireddygudem Village. She informed that they are not facing any pollution problems. Whenever any	We welcome her observation. An amount of Rs. 138 lakhs are earmarked in our expansion proposal for the welfare measures to be undertaken for the residents of surrounding villages spread over for 5	<ul style="list-style-type: none"> • We ensure that all the proposed additional pollution control equipment will be installed and operated to mitigate the adverse impacts on Air, water, land and surrounding environment. All control measures proposed in EIA-EMP

Sl. No.	Suggestions / Objections	Response From Project Proponent	Action Plan
	pollution issues arised that they would bring to the notice of the industry management and they are responding immediately to solve the issues. The industry management is supporting for developmental works which includes construction of water tank in the village and adopted the Akkireddygudem village.	years.	<p>report will be implemented.</p> <ul style="list-style-type: none"> • Our EHS team is continuously updating with the latest available technologies to control the pollution from the proposed expansion project. • Drinking Water (RO) system provided to Akkireddygudem. Similarly will provide to other nearby villages • Rainwater harvesting pits in surrounding villages • Solar Street lights in nearby villages • Multi-Purpose Ambulance facility • Other necessary activities as per nearby Village requirements
8.	<p>Sri. T. Manmadha Rao, Akkireddygudem Village.</p> <p>While expressing his opinion, stated that the flue gas emissions from the industries, causes temperature rise in the earth, resulting in global warming. If the rain water mixes with the smoke of the industries, acid rains occurs, thereby causing ground water pollution. He suggested the industry to take all the required measures for control of air pollution and smoke from the chimneys.</p>	<p>Industry is committed to take all necessary preventive steps and control measures to curtail the pollution arising from this industry during operations after expansion; It involves the manufacture of bulk drugs (APIs & API Intermediates) with 3 MW captive coal / pellets / husk based power plant.</p>	<ul style="list-style-type: none"> • For control of air pollution from the proposed coal/husk/pellets fired boiler of 30 TPH capacity for 3 MW captive power plant, electrostatic precipitator (ESP)with a suitable stack height of 55m will be installed for controlling the particulate emissions within statutory limit of 115 mg/Nm³. Multi-cyclone separators and bag filters with 40m stack will be installed for 10TPH coal fired boiler, these boilers are used for steam & power requirements. • Process emissions from the reactor will be connected to dual scrubber with suitable chilled or room temperature liquid to scrub the gases effectively with water / caustic based on the nature of the gas • All solvent storage tanks will be provided with vent condensers having cooling or chilled water circulation for control of fugitive emissions. • About 829 KLD treated effluent will be

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			<p>reused/recycled in cooling tower & boilers. Thereby fresh water requirement will be reduced. There will be no discharge of effluent outside the plant premises, the unit will be a “Zero Liquid Discharge”.</p> <ul style="list-style-type: none"> All control measures will be implemented for control of air pollution and smoke from the chimneys.
9.	<p>Sri. Rangu Satyanarayana, Ramanakkapeta Village.</p> <p>He expressed his satisfaction of giving employment to the local villagers by the industry. Further informed that the industry is not creating any pollution problems to the village. He supported the expansion proposals of the industry. He requested the industry management to give further employment to the local villagers in the expansion project.</p>	<p>We welcome his observation. We continue to provide employment to the local people based on technical and educational qualifications.</p> <p>The company will continue to give first preference to locals for employment in semi-skilled and unskilled category.</p>	<ul style="list-style-type: none"> As we already providing employment to the educated and un-educated local people and it will be continued after expansion of the project.
10.	<p>Sri. Vijaya Reddy, NGO, Hyderabad.</p> <p>He suggested the following.</p> <ol style="list-style-type: none"> The Pollution levels shall not be increased after implementation of expansion project. In addition to the developmental activities carried out under CSR activities the environment shall also be taken care of. The green belt shall be developed within the industry premises with plants that emit good smell to absorb odour from the industry. 	<p>We welcome his suggestions.</p> <ol style="list-style-type: none"> Industry is committed to take all necessary preventive steps and pollution control measures to mitigate the pollution arise from this industry during operations. An amount of Rs. 138 lakhs are earmarked in our expansion proposal for the welfare measures to be undertaken for the residents of surrounding villages spread over for 5 years. Greenbelt of 4.72 Ha (46%) will be developed out of 10.23 Ha of land around the plant site. We have proposed Rainwater harvesting Tank followed by pit near the existing bore well and all 	<ol style="list-style-type: none"> We ensure that all the proposed additional pollution control equipment will be installed and operated to mitigate the adverse impacts on Air, water, land and surrounding environment. All control measures proposed in EIA-EMP report will be implemented. Drinking Water (RO) system to nearby villages; Rainwater harvesting pits in surrounding villages; Solar Street lights in nearby villages; Multi-facility Ambulance facility and Other necessary activities as per nearby Village requirements Local species that emit good smell to absorb

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	<p>d. Rain water harvesting structures shall be set up not only in the industry but also outside the industry in the identified waste lands for increase of ground water table.</p> <p>e. The CSR amount shall be allocated as per the guidelines.</p> <p>f. The industry shall encourage the villagers for setting up of fly ash brick units for utilizing the fly ash generated from the proposed captive power plant. This will also help the villagers for solving unemployment.</p> <p>g. For disposal of hazardous solid waste, alternative shall be explored other than disposal to cement units, as the cement plants are not properly handling this waste.</p>	<p>storm water drains will be connected to this Rain water harvesting Tank with a rain water harvesting pit.</p> <p>e) ESC amount has been earmarked as per ToR.</p> <p>f) Currently the fly ash from the existing boiler is being sold to local cement brick manufacturing units and will continue the same.</p> <p>g) As per directions from State pollution control board and also study conducted by CPCB, we are sending the organic residue as alternate fuel to Cement industries.</p>	<p>d) the odour if any from industry will be planted.</p> <p>We propose to provide Rainwater collection tanks and pits in our expansion proposal in Industry as well as in the nearby villages.</p>
11.	<p>Sri. Y. Chenna Kesavareddy, NGO, Hyderabad. He welcomed the project and suggested the following.</p> <ul style="list-style-type: none"> • Employment shall be given to local people. • Effluent treatment plant shall be set up for treatment of waste water. • Plantation shall be taken up within and outside the premises. • Rain water harvesting pits shall be set up. 	<ul style="list-style-type: none"> • As we already providing employment to the educated and un-educated local people and it will be continued after expansion of the project. • Existing effluent treatment plant will be upgraded for treatment of increased waste water • Greenbelt of 4.72 Ha (46%) will be developed out of 10.23 Ha of land around the plant site. • We have proposed Rainwater collection Tanks followed by rain water harvesting pit near the existing bore well and all storm water drains will be connected to this Rain water collection tank followed by rainwater harvesting pit. 	<ul style="list-style-type: none"> • The company will continue to give first preference to locals for employment in semi-skilled and unskilled category. • We ensure that all the proposed additional wastewater generated will be treated in ETP-ZLD system and operated to mitigate the adverse impacts on water and surrounding environment. All control measures proposed in EIA-EMP report will be implemented. • Local species will be planted outside the industry • We propose to provide Rainwater collection

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	<ul style="list-style-type: none"> CSR amount shall be spent for the pollution affected villages. Regular medical camps shall be taken up in the villages. 	<ul style="list-style-type: none"> An amount of Rs. 138 lakhs are earmarked in our expansion proposal for the welfare measures to be undertaken for the residents of surrounding villages spread over for 5 years. Regular medical camps will be organized in surrounding villages 	<p>tanks and pits in our expansion proposal in Industry as well as in the nearby villages</p> <ul style="list-style-type: none"> Drinking Water (RO) system to nearby villages; Rainwater harvesting pits in surrounding villages; Solar Street lights in nearby villages; and Multi-facility Ambulance facility will be provided. Other necessary activities as per nearby Village requirements Regular medical camps will be organized in surrounding villages
12.	Sri. Madhubabu, NGO, Hyderabad, while welcoming the project he suggested that the industry shall take environmental protection measures, thick green belt in the premises, in the villages and along the roads. Effluent treatment plant shall be constructed for treatment of waste water.	Same as S.No.11 above	Same as S.No.11 above
13.	Sri. N. Srinivasa Rao, Akkireddygudem Village. He sought employment for local educated and talented villagers.	<ul style="list-style-type: none"> Industry is giving jobs to the skilled & semi-skilled and unskilled category. As we already providing employment to the educated and un-educated local people and it will be continued after expansion of the project. 	<ul style="list-style-type: none"> As we already providing employment to the educated and un-educated local people and it will be continued after expansion of the project. Necessary skill development training programs will be initiated to the local unemployed people who are having educational qualifications to outfit the needs of the industry. This exposure will also help them an opportunity to secure jobs in the industry and elsewhere.

Public Hearing (16-2-2018) Photographs
M/s Porus Laboratories Pvt. Ltd., Unit IV,
Akkireddigudem (V), Musunuru (M), Krishna District, Andhra Pradesh



