

**MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING
HELD ON 28.06.2017 WITH RESPECT TO EXISTING AND
PROPOSED EXPANSION WITH INCREASE IN PRODUCTION
CAPACITY OF BULK DRUGS & API FROM 12.85 M.T. PER
MONTH TO 34.868 M.T. PER MONTH IN THE UNIT OF M/S
VADIVARHE SPECIALITY CHEMICALS LTD, IN THEIR
FACTORY PREMISES AT GAT NO 204, NASIK-MUMBAI
HIGHWAY, WADIVARHE, IGATPURI, NASIK 422403,
MAHARASHTRA.**

Environmental Public Hearing was held on 28.06.2017 at 11.00 a.m. in the premises of M/s. Vadivarhe Speciality Chemicals Ltd; at Gat No 204, Nasik Mumbai Highway, Wadivarhe, Igatpuri, Nasik – 422 403, with respect to existing as well as proposed expansion of Bulk Drug & API production capacity from 12.85 MT. per month to 34.868 MT. per month in the unit of M/s Vadivarhe Speciality Chemicals Ltd; Gat No 204, Nasik-Mumbai Highway, Wadivarhe, Igatpuri, Nasik – 422 403, Maharashtra.

Maharashtra Pollution Control Board has passed Official Orders by deciding Public Hearing Panel vide their Official Order No. E-49 Letter No.BO/JD (WPC)/PH/B 2482 dated 22/06/2017. In pursuance to the said Order, the Hon'ble Additional Dist. Collector, Nasik, Shri Dilip Swami Saheb, Chairman of the said Hearing & the Authority nominated by the Chairman, the member of the said Hearing & Regional Officer, MPCB, Nasik, Shri Rajendra Patil, the Co-ordinator of the said Hearing & Sub-Regional Officer MPCB , Nasik, Shri Kude, were present on the dais.

Business of the Environmental Public Hearing was commenced with consent of the Hon'ble Chairman of the said Hearing. Introduction of the said Hearing was done by Shri Nilesh Morankar, Field Officer, Sub-Regional Office, MPCB, Nasik. He presented following information therein in brief.
WELCOME! WELCOME!!

Chairman of the Environmental Public Hearing panel and the Hon'ble Additional Dist. Collector, Nasik, Shri Dilip Swami Saheb, Member of the Environmental Public Hearing panel & the Regional Officer, Hon'ble Shri Rajendra Patil Saheb, Co-ordinator of the Environmental Public Hearing panel and the Sub-Regional Officer, Shri Kude Saheb, brothers and sisters from the vicinity, the Officers and the Staff of M/s Vadivarhe Speciality Chemicals Ltd.

An application was made to MPCB to organize Environmental Public Hearing for the purpose of proposed Expansion Proposal of 12.85 MT/per month capacity to 34.868 MT/per month capacity at Vadivarhe Speciality Chemicals Ltd; Gat No 204, Nasik Mumbai Highway, Wadivarhe, Tal: Igatpuri, Dist : Nasik - 422403, Maharashtra. The Environmental Public Hearing has been conducted in the context of the application to the Central Environment Department in view of the permission to be granted pertaining to the Environment as per the Act dated 14/09/2016 of the Govt. Of India, Ministry Of Environment & Forest and Climate Change, New Delhi and the amended Act dt. 01/12/2009. The Notice of the said Environmental Public Hearing regarding the Project was published in English and Marathi newspapers. It was mentioned to register suggestions, thoughts, comments and objections on the subject of environment with reference to the said Project at the following address, within 30 days of publication of the advertisement. The Regional Office, Udyog Bhavan, 1st floor, near ITI Signal, Trimbak Road, MIDC Compound, Nasik 422 007, Telephone No. 2365150, 2365161, Fax: 2365140, E-mail: sronashik@mcb.gov.in. In pursuance to the same two representations have been received. The said Advertisement mentions the date, time and place of the Hearing.

Documents containing information pertaining to environment with respect to the said project were available in the following offices and it was mentioned that concerned people could study the said documents in respective offices during office hours.

- 1) Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai 400 032.
- 2) Jt. Director (Water Pollution Prevention) MPCB, Kalpataru Point, 3rd & 4th Floor, Opp. Cine Planet, near Sion Circle, Sion (E) Mumbai 400 022
- 3) Regional Office, MPCB, Udyog Bhavan, 1st Floor, near ITI Signal, Trimbak Road, MIDC Compound, Satpur, Nasik 422 007.
- 4) Sub-Regional Office, MPCB, Udyog Bhavan, 1st floor, near ITI Signal, Trimbak Road, MIDC Compound, Satpur, Nasik 422 007.
- 5) Office of the District Collector, Nasik, Tal. Dist. Nasik.
- 6) Zilhla Parishad Office, Nasik Trimbak Road, Tal. Dist. Nasik
- 7) District Industries Centre, Trimbak Road, near ITI, Tal. Dist. Nasik.
- 8) Sub-Divisional Office, Igatpuri, Tal: Igatpuri, Dist. Nasik.
- 9) Tehsil Office, Igatpuri, Tal: Igatpuri, Dist. Nasik.
- 10) Maharashtra Industries Development Corporation, 2nd Floor, Udyog Bhavan, near ITI Signal, Trimbak Road, MIDC Compound, Satpur, Nasik 422 007.
- 11) Chief Officer, Municipal Council, Igatpuri, Tal: Igatpuri, Dist. Nasik.
- 12) Offices of surrounding 26 Grampanchayats.

The said Hearing will be conducted in respect of the environmental aspects relating to the said Project and, the residents in the vicinity of the said proposed project, the organizations working on the subject of Environment, the residents that are going to be displaced if any due to the said project or the

residents to be influenced otherwise if any by the said project can record comments or allegations relating to the said project, in oral or written form. The said report will be submitted to the Government along with C.D. The request was made to the Project Holders to make presentation with the permission of the Hon'ble Chairman.

The presentation was made on behalf of M/s. Vadivarhe Speciality Chemicals Ltd; in the context of study related to the Project and the environmental impact of the Project.

Hon'ble Shri Vasant Jagtap, the Director, M/s Vadivarhe Speciality Chemicals Ltd. Gat No 204, Nasik-Mumbai Highway, Wadivarhe, Tal: Igatpuri, Dist: Nasik, 422403, Maharashtra, extended welcome to the persons present and expressed his views. He mentioned therein that I welcome all the villagers who have come over here on behalf of Vadivarhe Specialty Chemicals Ltd. I simultaneously welcome Hon'ble Chairman, Shri Dilip Swami, Addl. District Collector, Hon'ble Regional Officer MPCB, Shri Rajendra U. Patil, Shri Kude, all the villagers of Wadivarhe and Gonde and all the veterans in the Educational and Social Field in the surrounding area. We are holding here Public Hearing, relating to Environment. All have to speak and to convey the issues, if any. At the same time we have named the Company Vadivarhe Speciality Chemicals Ltd. after our Wadivarhe Village only. The first point is that the name of the village should become famous. The name of the village should shine in the whole world. I have taken up one of these points that this Company has been named as Wadivarhe. Secondly, the production that we will take in hand will benefit us all. We will be manufacturing here raw materials for Speciality Anti-Cancer or Anti-Diabetes medicines. Similarly, we will go into the manufacturing of some of the products for Migraine or partial Headache. We propose to undertake this new production and for that we have arranged this small meeting. I once again welcome all and request the Authority that this project which we now have public hearing for is for some of those products those are existing and those

we propose to take new. And in that regard the proposed project is of Rs. 3 Crores. Besides, the said total Rs.3 Crores expenses, some people will get employment opportunity also. Isn't it that our Company will be known in the whole world only when our product will reach the whole world? The Company will be known. That will be the overall outcome.

Representative of Environmental Advisors of M/s. Vadivarhe Speciality Chemicals Ltd., Shri Pradip Joshi, submitted detailed information as mentioned ahead concerning environment regarding existing and proposed expansion capacity of Bulk Drug & API production in the unit through Presentations / Charts / Maps etc.

I greet all and welcome all the villagers, the villagers present so also other persons and Dilip Swami Sir, as well as Kude Sir, and our guests on the dais. This programme is being conducted in Marathi and hence if some people face problem or do not understand something, you can ask me in Hindi, at any time and I will also reply them. This project is in existence and we will move forward. My name is Pradip Joshi. I have come from the Company, M/s. Green Circle Incorporated and we are the Environmental Consultants of the Company and we have received ISO Certification after 2001 for NABL Lab which is a testing lab. The subject we are thinking of and the information about the project that we are giving in the Introductory, have some peculiarities. M/s. Green Circle Incorporated has made a study in depth regarding the aspects of Environmental impact of the existing Project and the proposed expansion on behalf of M/s. Green Circle Incorporated. This will include how we have done Environment Management and what will be the probable impact on environment and what management programme we have devised. It will include how we have done planning of water. It will include Rain Water Harvesting. It will include the measures we have under-taken to take care of the health of workers called as Occupational Health and safety. Similarly this Company has implemented so many Social programmes. We will give some information about the same. We have given the information as

to whom and how this project will benefit. One Advertisement was published one month back regarding the Public Hearing pertaining to Environment. This company used to manufacture other chemicals besides pharmaceutical that means chemicals required for medicines.

Well-experienced persons are engaged in this Company. For instance, Mr. Gajre, Mr. Mhaske, who are going to manufacture intermediates and medicines in the Company. They will be manufacturing products for the Pharmaceutical Companies in their plant at Gat No 204, Nasik Mumbai Road. The expansion will take place in the range of 12.85 MT to 34.868 MT. Thus we will be producing more. Thereafter as told earlier in the named project we will be moving from 12.85 MT Per Month to approximate 34 MT Per Month with an increase of 22 MT Per Month. The Project Category allotted by Ministry of Environment and Forest, Delhi is 5 FA Class A. And the Address you have already seen. The Director is Vasant Jagtap. The cost of the Expansion Project is Rs. 3 crores. Manufacturing of Bulk Drugs and Intermediates is the main aim of it and it includes this expansion also. The manpower of 120 is deployed here and 30 persons can get employment in the expansion project. You have seen the place of the project, here.

The place of the project is at the height of 637 mtrs. above the sea level. The total area of the Plot is 12500 Sq. mtrs We have planted trees in the 36.8% of the Green Belt. The requirement of water is 54.41 K.L.D. Water is supplied by Water Tankers. We use 480 Ltrs LDO / day as fuel for Boiler. The capacity of DG Set is 250 KVA and the requirement of HSD is 50 L/hour. Scrubbers are fitted for control of air pollution. Total 300 KVA power is required which is supplied through MSEDCL. The nearby village is Wadivarhe, which is situated at the distance of 1.5 KMs. The nearest city Nasik is situated at the distance of 20 Kms. The nearest Railway Station is Nasik Railway Station. The nearest highway is NH-3 which is situated at the distance of 0.15 Kms. The nearest Nasik Airport is situated at the distance of 38.8 kms. The nearest water reservoir i.e. Mukne dam is at 3 km. distance.

Similarly, the nearest Satpur Fire Department is at 17.25 Kms. of distance. As far as environment is concerned no sensitive zone falls within the circle of 10 Kms. Anjaneri Fort is at the distance of 13.75 Km. and Tryambakeshwar Mandir is at 17 Kms. No National Parks, wild-life Sanctuaries are situated within the area of 10 kms. The prominent industries such as Parle Limited, Delta Phenochem, Sequence Biotech Ltd, Renfro Ltd. are within 10 Kms. The Earth-quake Zone is 3. All are aware where we are sitting, now. This is Google map. We are here now. This is the complete map of 10 Kms and 200 mtrs and 500 Mtrs., which we have given. This is the complete Plan you can see in the Plan, Utility Blocks at different places, you can see where parking is provided, where the gate is. The map of the place of the Factory and premises is given wherein the premises etc. are clearly shown.

Similarly information regarding the different places in the Plant Layout and their area is given, viz. main plant building, Raw Material Storage, solvent storage, finished product storage, boiler area, chemical, cooling tower, road, transformer, administration and lab, ETP, Hazardous Waste Storage area, green area, canteen, change room, utility stores, reception, security and toilet block, PCC panel, DG Room, pump, parking shed etc. as well as production details i.e. name of the product, existing capacity MT per month, Proposed Capacity MT per month, total capacity MT per month. He gave exhaustive information regarding the requirement of the raw material as follows, product, bye-product, like Acetic Acid, DAP etc. and the monthly requirement of raw materials for it and as to from where they will be available and how they will be stored.

To explain manufacturing process in brief he gave example of TMAP Tri-Methyl Ortho Propionate, wherein he presented detailed information with Process Flow Diagram and a chart. He also furnished details of water viz. total requirement of water 54.41 K.L.D Fresh Water 37.72 K.L.D + Recycled Water 16.49 K.L.D. 44.26 KLD for industrial use, 4.02 KLD for Gardening & 6.13 K.L.D for Domestic use.

He gave information of existing ETP which consists of oil and grease separator, neutralization, fenton, ozonation, electrocoagulation, settling and sludge drying, sand and carbon filters, aeration, bioreactor and treated water tank etc. with photos.

The process is done up-to Zero Liquid Discharge after Tertiary treatment. Total requirement of electricity for the plant is 300 KVA and DG back up is of 250 KVA. Solar Panels have been installed for generation of electricity and for heating water because of which around 886 to 1083 units of energy is saved per day. Energy saved is about 25%-30% per day.

In existing unit 120 personnel are working and proposed expansion project will require approximately 30 additional people. Thus 150 workmen will be required.

He gave detailed information about air pollution sources and control with help of a chart. He also gave information on plans for handling hazardous material and its disposal with help of the chart.

POINTS:-

Air pollution source – Boiler two numbers – A sufficient height Chimney is mounted. In order to prevent pollution arising from D.G. Set, a Chimney of sufficient height has been connected to the D.G. Set. To arrest air pollution in addition to the above a stack of sufficient height is provided to the scrubber. Hazardous material in the category No. 5.1, 20.3, 28.1, 28.4, 35.3, 35.4 etc. will be disposed-off through CHWTSDF, scientific method and necessary elements from the hazardous material, category no. 28.6 and 33.1 will be recycled or will be given to the authorized agency for further necessary process.

He has given the information on handling and planning of non-hazardous waste, with help of a chart. e.g. MS, HDPE, Fiber Drums, Plastic

Bags, Wooden, Metal, Plastic Waste, Paper Scrap etc. will be disposed of through local Scrap Dealer.

A baseline study was conducted in the months of January 2017, February 2017 and March 2017 and on basis of weather observations a chart is prepared and presented accordingly around 448.826 cubic meter rain water harvesting is proposed in the project. Maximum temperature has been recorded as 33.29 degree Celsius in March 2017 and minimum temperature has been recorded as 10.03 degree Celsius in January 2017.

He also presented detailed information as to how the land is used for different purposes in the circle area of 10 kms, with help of a chart.

An information was presented in a chart, with respect to the observation of the weather done during the period from 1st January 2017 to 31st March 2017 in the radius of 10 kms. Similarly Ambient air Quality Monitoring was conducted at 8 places as per PM₁₀, PM_{2.5}, SO₂, NO_x, CO₂ etc. parameters and all the results were found within the prescribed limits.

The samples of underground water and surface water within the area of radius of 10 Kms. were collected from 8 places and it was shown with the chart that the Analysis reports were within the prescribed limits.

The observation of noise level at eight different places within the radius of 10 KMs was carried out and in the day time 47.8 dB (A), whereas in the night 38.6 dB (A) was observed.

Socio-economic information was given in the chart which includes 33 villages. Total population is 60847 and the gender ratio is 934.43. The percentage of literacy is 71.31. Generally, the occupations are of agricultural-labour, service and business. The infrastructural facilities include Schools, Health Centers, Post Office, Markets etc.

Information of plants and animals in the study area was presented in detail. Information with regards to probable impact on the Environment and mitigation measures was given with help of a chart showing Environmental Component, Potential Impacts, Potential Sources of Impact, Control through EMP and Design and Impact Evaluation details.

To treat water, S.T.P. and E.T.P. of required capacity in existing plant are installed. And with respect to expansion of project sufficient capacity of Pollution Control Facilities will be installed, as mentioned in the Chart.

Details of the Green Zone have been given in the chart. The Green Zone is approximately, 4600 Sq. Mtrs. Different types of 387 trees have been planted in the Company premises, at present. Their photographs were also shown.

Information regarding Occupational Health and Safety was presented with help of a Chart. It included following points.

1. Company will ensure to conduct all business operations in compliance with applicable laws, regulations and standards related to occupational Health, Safety and Environment.
2. An emergency plan will be prepared in advance, to deal with firefighting.
3. Fire protection system will be provided, portable Fire Extinguishers will be provided.
4. Employees will be provided with Personal Protective Equipment's like earplugs or earmuffs, wherever required.
5. Training on industrial safety and health shall be conducted half yearly for workers and staff.
6. Conduct monitoring where feasible and maintain a database of monitoring results

7. Work with supervisors through the exposure assessment process, provide department/supervisors with monitoring schedules;
8. Maintain occupational hygiene equipment belonging to EH&S; and, maintain an exposure assessment plan.

Information regarding safeguard measures was shown along-with the following points with help of a Chart.

1. Adherence of international/National engineering standards in the Design, Construction and testing of the storage tanks, equipments and other hardware.
2. Electrical equipments will be properly earthed & lock out/tag out, electrical isolation method will be developed & displayed at required locations.
3. Proper training will be given to all the employees at regular time period to bring awareness among the employees.
4. Employees will be provided with Personal Protective Equipments like earplugs or earmuffs, shoes, gloves wherever required.
5. There will be good communication system available near tank farm area to the control room, and it should be flameproof.
6. Telephone will be provided which is freely available and readily accessible for the reporting of accidents or emergency situations. The emergency telephone numbers will include the fire department, ambulance service, emergency response team, hospital and police.

It was also mentioned as follows with help of a Chart that the following programmes under CSR are being implemented.

VSCL believes not only in progress of people but also in development of the area and taking care of environment. For this purpose, VSCL has embarked upon number of CSR programmes, which include the following.

1. Blankets were distributed to the needy Villagers of Igatpuri and Trymbakeshwar.
2. Medical Camps were arranged at Gram Panchayat School of Wadivarhe Village.
3. Compound Wall was constructed for Wadivarhe Gram Panchayat School.
4. Health check-up camps were organized for School children.
5. Water Tank and Dust Bins were provided at Kumbhmela Nashik
6. Tree Plantation done on both sides of Village Road from Highway to Wadivarhe Village via Industrial Zone.
7. 500 dumper of silt was extracted from the Percolation Pond of Bhokni village in Tal. Sinnar with a view to participate actively in the Water Conservation Scheme of the Govt. proposed by the Hon'ble Dist. Collector, Nasik and the storage capacity of the said Percolation Pond was augmented increasing storage capacity of water for drinking and agricultural purpose in the surrounding area.
8. Deepening and widening of a 120 m. x 16 m. Nallah at Bhokni village, Tal. Sinnar was carried out as proposed by the Hon'ble Dist. Collector, Nasik and thereby water storage capacity of the Nallah has increased.

It was mentioned as follows with the help of the Chart that the following programmes under CSR are proposed to be implemented, in future.

1. Installation of High mast Lamps at Wadivarhe Village.
2. To give funds to nearby schools to conduct extra-curricular activities.
3. To plant trees on both sides of nearby roads and to maintain them.
4. To provide School uniforms, notebooks and scholarships to poor students.
5. To conduct Regular medical camps and eye-camps in surrounding villages and provide free treatment, medicines to needy and to highlight aspects of cleanliness, hygiene and good health.

6. It is resolved to implement "Beti Bachav-Beti Padhav" campaign of the Govt. of India in the vicinity of Wadivarhe, on large scale, keeping in with valuable suggestion of the Hon'ble Chairman of this Hearing.
7. It is also resolved that the Company will implement programmes regarding extracting silt from percolation ponds, deepening and widening of natural nallahs in future, under guidance of the District administration keeping in with the Water Conservation scheme of the Govt. and to enhance storage capacity of water.

It has been mentioned in the chart that Capital Cost of Rs 153 lakhs and Rs. 49.75 lakhs expenditure per year, has been provided for Environment Monitoring and Management Programme.

It has been mentioned in the Chart that the said project will earn gain as follows:

1. The proposed expansion will be set up in existing premises and there will be no requirement to purchase additional land.
2. This project will enhance India's potential of supplying Bulk Drugs & Intermediates to leading to step-up of India's position in global market sector and strengthening of Indian economy.
3. Continuous inflow of people, Raw Material and Finished Goods will require local transport systems for Goods as well as public transportation etc which would help economic boost.
4. Green belt will be maintained for eco-friendly environment.
5. In operation phase, the proposed project would require significant workforce of non-technical and technical persons.
6. There would be a wider economic impact in terms of generating opportunities for other business like workshops, marketing, daily needs, repairs and maintenance etc.

Chairman of the said hearing and Hon'ble Addl. District Collector, Nashik, Shri. Dilip Swami Saheb gave guidance as follows in the Introductory.

All the officers of the Vadivarhe Speciality Chemicals Ltd., Hon'ble Shri Patil of MPCB, Shri Kude and all the Brothers and Sisters present; Hon'ble Shri Joshi has just now given you information regarding the proposed Expansion Work of Vadivarhe Speciality Chemicals Ltd. As narrated by him initially, the production in existing plant is of 12.85 MT per month. They want to raise the same to 34.868 MT per month i.e. to increase the same by approximately 22 MT per month. And since it is mandatory to hold a Public Hearing in presence of villagers of that vicinity under rules of different legislations of the Central Govt. and the State Govt., accordingly, this Public Hearing is organized today at this place. I therefore in the capacity of the Chairman of this Public Hearing, heartily welcome the villagers from the Wadivarhe village and the villagers from this area who are present. You have heard the particulars at length concerning the expansion narrated by Hon'ble Joshi, in this presentation. He has proposed employment to approximately 30 local persons in their proposed Extension work being launched, at the cost of nearly Rs. 3 Cr. He has studied rise in pollution in the present conditions and due to the Project and while presenting the conclusions of the study, he has also described in his Presentation what measures this Company has taken for protection of the Environment. He has also explained what work they have done and what work they have to discharge in future, while narrating the last item of CSR, in which the company is bound to spend part of the profit that the Company will earn, for social cause. I think they have carried out works to the tune of about 27 lakhs. I understand some mails have been received in that context. They may be some NGOs or some persons. I think, Joshi saheb has received some mails. Is it so? Two mails have been received. They will be read over, here. However, if you are having any suggestions or any doubts about the same, you may air your views; highly studious persons are here. Company's Consultant is sitting to my right side. Hon'ble Mr. Patil is the Regional Manager of MPCB. Kude Saheb is highly studious. He is engaged in this field since long. And as was told in the presentation of the Company and as I also told in the beginning, when I

arrived, that Mr. Jagtap is having an experience of 36 years in the work of this Company. This Company is engaged in manufacture of raw-materials of the medicines, tablets and drugs that we consume. I have worked at different places in different districts, since last many years and we have been attending various public Hearings of many companies, in this way. However, this is the first time that I witness any Company being named after any village. The name of Wadivarhe Village will reach the place wherever their products reach, may it be, this nation, or yonder the Country. The Company, instead of giving anybody's name from their side, has given the name of the village. It displays their positivity. The two messages that are received by mail here in pursuance to the presentation, may be supporting or otherwise, I do not know. Thus, if you are having any say, you may express yourselves. We can therefore conclude this Hearing.

Wootkuri Sunada Reddy, Environmentalist and the Chairman Dharitri Paryavaran Parirakshan Sanstha, House No. 6-7-414, Shivajinagar, Dist Nalgonda 508001, Telangana State, was present for the said Public Hearing concerning Environment. He expressed his thoughts in the context of the Project, at length and gave message extending good wishes to the project.

Good morning. I am an Environmentalist. My best wishes to the Vadivarhe Speciality Chemicals Ltd. Management. Firstly, I congratulate the Consultancy for preparing a detailed report for this project.

I am the first environmentalist in India to support the Industries. My best wishes to the management of Vadivarhe Speciality Chemicals Ltd. Generally Environmentalist opposes industries, but I am wholeheartedly supporting the planning to set up industries, proposed expansion of project because in India approximately 40 crores of Youths between 18 to 35 years group are awaiting employment opportunities and also in urgent need of development of Industries for development of Maharashtra. I am giving you few suggestions to maintain ecological balance and development of your

industries. Your consultant have already conducted baseline survey in air, water, land which is very good. My request is, if there is any possibility, please collect the health status of the people in 10 km, radius and crop production status in this area. And also availability of ground water easily. It is very important to do, it is very useful to future to take care of parameter in future. I am also requesting you that the water is not sufficient from rain hence, water harvesting and water storage is very important. It is a sort of consideration. Plantation - you have already completed your target but my suggestion is that, if there is no possibility in this area, please take avenue plantation, village plantation outside your industry to develop greenery. O.K. Please consider.

Also give priority in giving employment to local employee in your industry and also my humble request to promote skill development training to unemployed youths. Better skill is useful to employment chances in your industry. Remaining youths to get jobs in other places. Please also consider skill development area. Ok !

And also my final request is to you to form a co-ordination committee with your company officials, govt. officials and with villagers to take plantations to CSR budget. It is very useful and meaningful to take up demand oriented works. This is very truthful resolution to complete this activity, a great category comes to your industry. Finally I request you to take proper pollution control measures to control air pollution, water pollution, land pollution, noise pollution. This is my request. Once again my best wishes to support the industries development, to the management. Finally I am requesting the public hearing panel committee to recommend MOEF to give unconditional permission to Vadivarhe Speciality Chemicals Ltd. proposed expansion of manufacturing process.

Thank you,

The suggestions, remarks sent by Shri Reddy to MPCB by e-mail were taken on record of the file.

Representative of the consultants of Vadivarhe Speciality Chemicals Ltd., Shri Joshi translated in Marathi, the subject presented by Shri Wootkuri Sunanda Reddi in English, with permission of the Hon'ble Chairman as follows:

What the Hon'ble Sir stated in English was that generally the environmentalists do not want industries. He is not of that type. He supports industries. He promotes industries. However some care has to be taken by them. The first point of his statement was that we had already tested the quality of air, water and land, within 10 Kms. And we have also, like him, observed what will be its impact ahead and it will have good impact only. He had stated the same. Secondly, he expressed that while doing all this, you preserve the Environment. So much water we receive from rain, in Mumbai also 97% of water merely flows to the sea and 3% is left. This problem is faced by Mumbai also. He therefore told that we should try to see as to how the rain water can be best utilized and how it can be conserved. Make efforts for the same. He further stated that we can raise the ground water level by Rain Water Harvesting. It can be done by two ways - 1 - Storage of water in the Tanks, 2 - Percolation of water down below. If we achieve both, the company will be benefitted to great extent through this in future. Thirdly, to go in for skill development. Skill Development may be attained on the lines of the advice given by Prime Minister Modi. Because, Knowledge and Skill are two separate things. So that Skill Development can be achieved through them. Hence, Skill Development may be attained in case of males and females. As per his statement, 40 crores children are quite young i.e. below 30. He has thus stated that if they need to get employment, their Skill development should be done.

The representative of the Consultants of Vadivarhe Speciality Chemicals Ltd., Shri Pradeep Joshi, for information of Shri Wootkuri Sunanda Reddy and with a view to provide information to him on the points raised by him, gave salient features of the information in English, as follows.

Now I come to those questions. First thing is that I am very thankful to you, as you travelled so much for supporting management as such. You have come here for honoring us.

Second thing is that we have taken all pollution control measures like air pollution part is concerned, we already have a scrubber and we are going to install more scrubbers to take care of the air pollution part.

Second part is, as far as water pollution is concerned, this is zero liquid discharge plant so all the water whatever, is going to be treated and reused again in the plant and rest for the plantation, so that water saving we can do and will not discharge anything outside. That's the kind of thing which we are doing and it is very good suggestion. And that we are implementing also. We propose to save around 42% water by doing water saving through rain water harvesting. So whatever demand is going to be there, 42% of demand will be served from the rain water harvesting, at least for the month, because this is good area as you can see now. And also everything is Green. Actually that is a kind of thing taken over by this company. So, they had some limitations of plant layout. But they will still try to have plantation in surrounding areas and also we have suggested and your suggestions are taken well noted that they will not be doing only over here, but they are taking up plantation outside nearby villages also. As a CSR programme, I would say the plantation programme is taken in June. They have celebrated that way only. Ensuring that they will go for multiplication in terms of plantations and that is a commitment. More flowers, you know makes good ambience. Also for the villagers, so they will be doing that particular part and the particular point is well noted.

As far as CSR part is concerned, definitely we have some programmes actually, particularly for you to "SAVE GIRL CHILD". That's a kind of programme we have which I suggested them and they have well taken it by that way. So taking from that view, which we call "Beti Bachav" programme to see where they are lacking. Girls are making progress in all the fields. They are implementing the programme particularly for villages not only of the "Girl Child Saving", and another part is that those scoring good marks in 10th and 12th. Motivating them to take up more professional part as a part of CSR and a part of their commitment to their name Wadivarhe, that is a kind of thing which we are doing. So they have given very good, that way to budget for CSR Programme. That is how you can see that people are talking, they feel that this is a good and committed company. So they will welcome that. I think I have answered most of your queries and we have taken up all your suggestions as a part of Environment Management Programme - CSR. Thank you very much, if you are still not satisfied you can ask me any questions.

Sunanda Reddy: Instead of normal plants, the fruit bearing and medicinal plants are very useful.

Absolutely, thank you very much.

The Chairman of the said hearing told by picking up the thread of the point of Shri Wootkuri Sunanda Reddy that his point is correct. The area of the Company shown now, is 12,500 Sq. mtrs. Your plantation is over. Some 387 trees are planted. Target might have been achieved. However I will not speak from the point of view of the target. However the point that he put forward, that we should also plant some plants outside the area of operation of the Company, is not a big subject. His point is a good point. The CSR programme that you are taking in hand is my subject, which is need-based. It means that the villagers need work. Now that the Company has been named

after the village and all the items proposed by you, as required by the Villagers, on which you will be spending under CSR, are good items. However, going beyond that, there is a committee called as Co-ordination Committee of the Villagers, as it is said, to discuss what villagers are wanted to do in CSR.

The representative of the Consultants of Vadivarhe Speciality Chemicals Ltd., Shri Pradeep Joshi mentioned "Yes Yes", that is need based, what they need.

Thereafter Chairman of the said Hearing mentioned that if we do what the villagers want, in discussion with them, they will be definitely, more happy. That is one point. You have discussed your overall points. I also congratulate Reddysaheb, because opposition occurs for the sake of opposition. However I do not think that the villagers will be having any issue as regards pollution. It will come to light once the villagers speak out.

Hon'ble Chairman Sir further told the Consultant of the Company to give information regarding extension of the existing plant of 12 MT per month project by 22 MT per month.

The representative of the Consultants of Vadivarhe Speciality Chemicals Ltd., Shri Pradeep Joshi: - I wish to state the first point as you asked this about this factory earlier it didn't belong to them, Vadivarhe company has purchased it. The second point is that they did not have Environment Clearance i.e Environment Approval for the same. Therefore MPCB raised some legal issues with them and the said matter is disposed off through the Court that means through the law. Consequently, the Environmental Approval will also be required to be obtained for the said expansion. Now the question arises, what about the existing plant? We have applied for Environment Approval for both the Existing plant and the Expansion Plant. This is being taken for existing plant as well as the

expansion plant also because previously there was no EC being taken so that was legal issue being sorted out through court and MPCB, that is being taken.

Therefore because of that we have addressed this issue through the point of view of existing plant along with new coming proposed expansion. And whatever Environmental Hearing, Public Hearing that we are conducting that is for both together. That means for existing plant as well as for expansion both together.

Thank You!

Thanking you,

Anybody wants to speak is free to speak

Proceedings of Public Hearing: (Proceedings)

Sr. No	Points raised by the persons present	Reply of the Promoter/Representative of the Project	Response/suggestions from the Public Hearing Committee
1	<p>Shri. Gajiram Narayan Bhor r/o Wadivarhe raised the following issues.</p> <p>My only question is, What will you do for the women? What will you do for the girls?</p>	<p>The representative of the consultants of Vadivarhe Specialty Chemicals Ltd, Shri. Pradeep Joshi mentioned that he wanted to thank and congratulate him for the question he has asked. I have told the company to organize small camps for ladies to promote formulation of बचत गट and skill development. Although this is not a point here but I would like to state that the girls near Kalyan of your age have undertaken work of embroidery and I am happy and pleased to mention that those girls at this point of time from small small villages have brought women together and have done a business of Rs. 1.5 Crores in a year. I think this subject does not belong to us. Men are not able to hold a needle.</p>	<p>Hon'ble Chairman of the public hearing and Addl. District Collector, Nashik, Shri. Dilip Swami Saheb suggested that Shri. Wootkuri Sunanda Reddy had touched a subject of Beti-Bachav. I also was about to request you on the same point while concluding the hearing. Because I have worked to great extent in this field. In every hearing, I request the company along with all these works you spend some money on Beti Bachav Abhiyan. The question that he has asked is from the same angle that Beti Bachav Abhiyan is the need of the hour in pursuance to all the three aspects of the health of the women, their education and birth rate of girls. In Nashik District as well as in Igatpuri Taluka, there is</p>

	<p>If rest of the men felt insulted please pardon me. I think art of embroidery to women is perhaps by birth. Thus we have suggested to start this type of embroidery or such type of classes or regular classes for women. I feel if we introduce such type of activities for women which would bring out their capabilities, women of many villages will not require anybody to uplift them. They themselves will attain their upliftment. The company is committed to provide the things which are required from that point of view.</p> <p>With respect to views of the Hon'ble Chairman representative of the consultants of Vadivarhe Speciality Chemicals Ltd, Shri. Pradeep Joshi mentioned that as said by the Honour, definitely Beti-Bachav is one of our programmes. In fact now</p>	<p>much difference in the birth of male and female. And such programmes have been started at various places in the district. We also request this company that if they pay little attention to this subject it will bear good results certainly.</p>
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		<p>girls in no field are lacking behind. Girls are in the forefront in all the fields. Second point is we have suggested the company to organize health camps from the view point of health of girls. And third is skill development. Thus we have proposed these three things.</p>	
	<p>Member of the environment public hearing and Regional Officer Shri. Rajendra Patil Saheb raised a question that whether the existing STP which you have fitted for water pollution control is adequate to take the load of 22 MT per month after expansion in the background of your proposed manufactured product. If yes how? If not what steps you</p>	<p>Representative of the consultants of Vadivarhe Specialtiy Chemicals Ltd, Shri. Pradeep Joshi mentioned in his reply to the Hon'ble Member that (1) First point is that we use two words i.e. Adequacy and Efficiency in the STP, in which you treat water so far. (2) Second point that he raised is relating to spent solvent etc. i.e. relating to the disposal of hazardous waste. (3) And third point is in pursuant to the first point. It relates to the measures that you will take from the point of view</p>	

<p>have taken to upgrade the existing system. Secondly, how whatever the waste of spent which is generated from the process is disposed-off in a scientific manner so as there IS no any nuisance to near by surrounding area no doubt the unit is doing good but precautionary measures shall be taken in future so as there should not BE any deterioration in & around the premises. So all the precautionary measures should be taken that whatever the effluent or solid waste which is generated from the unit shall be disposed off in a scientific manner through the</p>	<p>of expansion. The answer for the same is to do three things i.e. Up-gradation, Expansion and as we say Optimization. RO Reverse Osmosis Plant 2, 1 thereafter Ozonizer to reduce COD or BOD from the Effluent., Recovery of spent solvent or Recovery of Solvent is done before it goes to ETP. First point is that, because of this pollution can be reduced, secondly we will have to introduce some Balancing Equipment from point of view of the expansion. For that also we have provided solution measures in our Environment Memorandum.</p> <p>Third point, we have identified some companies from point of view of the hazardous waste which will re-cycle or recover the same so that there will be no material loss and no nuisance here and there.</p>	
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	<p>authorized agency. So my question is that how this existing and proposed will work?</p>	<p>The waste will not be thrown anywhere. We have membership of CHWTSDF Ranjangaon where maximum material which cannot be recycled or reused will be given to. However, in case of other material, it so happens that in the plant only we can do material recovery to some extent. So we will recover in plant itself. If there are companies doing recovery and approved by MPCB which we call as authorized we have plans to give our material to them.</p>	
	<p>Co-ordinator of the Environment Public hearing and Sub-Regional Officer Shri Kude raised a question – What do you do with Waste water disposal?</p>	<p>In reply to question of the Hon'ble Co-ordinator Shri. Kude saheb, representative of the consultants of Vadivarhe Speciality Chemicals Ltd, Shri. Pradeep Joshi mentioned that we have planned up-to Tertiary treatment plant from the point of view of waste water disposal. We have also conducted</p>	

		<p>adequacy and efficacy study of ETP. We came to know from this angle that some of the things are not adequate and some things are not efficient. From that point of view, we have taken measures and have plans to invest nearly Rs. 1.5 crores so that the said water will be available to us for re-cycling. Since there will be Tertiary Treatment, no water will be released outside.</p>	
	<p>A Village Development Officer of Wadivarhe, raised a question as to what percent of water will be worthy to be used. i.e. one point. The second point is, if suppose, due to environment of the company health of the villagers is endangered. What can you do about it? Secondly, you</p>	<p>In reply to question of the Village Development Officer, representative of the consultants of Wadivarhe Speciality Chemicals Ltd, Shri. Pradeep Joshi mentioned that he would like to tell only at the beginning that the water is not discharged anywhere here and there. Therefore, there is no possibility of mixing of any water with ground water. Secondly, as we have rain water harvesting scheme in place</p>	

<p>should give written undertaking to this village that you can give compensation if the water under the land is not fit for consumption or what measures you will take for the purpose. Other things follow thereafter. Note this point that written undertaking has to be given. Nothing will happen during 2-5 years. However, in the course of time anything can happen within 10-20 years. At that time all the persons are new. So please see that for how many years written undertaking can be given for nothing like this happens.</p>	<p>precautions are been taken for no water on ground goes out rather goes out without testing.</p> <p>Keeping this point in view, we have taken measures. At least at present this water is not contaminated and this is applicable not only to the area nearby the factory but also for the area within 10 KM. We have carried out ground water testing within 10 KM area. At least at present no such pollution is observed. We have made survey for 3 months of January, February & March. The last point raised is if drinking water is contaminated. The first thing in this is that the public hearing of the company that we are conducting just now is legal means lawful. Thus there are statutory bindings. There is a Ministry of Environment & Forest at Delhi which will impose most of the conditions and all these</p>	
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		<p>conditions we all can see in website. Thus there won't be any situation whereby you are unaware of the conditions set for them. All the conditions will be mentioned in writing. Therefore, this will again lead to transparency in this. Thus the company cannot do any act without telling you, and therefore, that is the purpose of calling you all here.</p> <p>Fifthly, as you have said it should be in writing. The ways and means herein are that, if any situation occurs because of this company or any other then a statutory binding is always applicable not only on this but on all companies and it is in writing only. It is done in writing only. I would like to say that we all are required to give all this to the Environment Ministry in writing only.</p>	
			<p>Co-ordinator of Environment Public</p>

			<p>Hearing & Sub-Regional Officer Shri. Kude mentioned that he had received two suggestions. One is from Shri. Reddy and another from Shri. H. Madhu Babu, Chairman (Rehas, Rural Environmental Education & Health Awareness Society), Environmental Engineer. Both of them are N.G.Os. The suggestions received from them will be noted and the said suggestions will be submitted to the Government along with the proceedings. Anybody is free to ask questions, if any.</p>
	<p>Dy. Sarpanch of Wadivarhe village, Shri. Ambadas Katore raised following two points. Truly speaking, the chemical companies so far have added to lot of pollution. As</p>	<p>Assurance was given on behalf of the company representative to make efforts to see that no nuisance from pollution of the company will be created.</p>	

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<p>to date heaps of letters have been dumped in our gram panchyat concerning subject of water pollution. 2 to 4 days before a complaint was received against a chemical company. You are therefore, required to take utmost care. Only then the things will work. Today also yellow dark water was observed in the well. Please exercise control, otherwise all the people will be havocked. Todays also village people say Gram Panchayat to provide drinking water. Todays also the situation is so serious that there is a question asked whether to bring water from here or not. You should let us know, as to what</p>		
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<p>action you will be taking in respect of the water of the company being discharged out of the boundaries.</p>		
<p>Sarpanch of Wadivhare village Kumari Priti tai Shejwal offered good wishes point - wise to the Industry . Good afternoon everyone, I am Sarpanch of Wadivarhe village and I at the outset, congratulate all Vadivarhe Specialty Chemicals Ltd; and offer them my many many good wishes for their further course of action in respect of the project expansion that they are undertaking. And I in the capacity of Sarpanch wish to request you that this company is situated</p>	<p>The office bearers of the company gave assurance that it will be ensured that no pollution problems will arise in the vicinity due to company. Similarly, the representatives of the company gave assurance that positive response will be offered on behalf of the company for development and progress of the village.</p>	

at the distance of 10 KM from our Wadivarhe village. The human being is suffering a great deal from the chemicals that are emitted from these companies. Similarly, the animals also suffer. There are small streams and Mukne Dam which is also nearby. People also drink water from them. I therefore only request the company that we have sent number of proposals to other companies that the chemical water that is flowing from their companies is consumed by our animals and by some people. I request all, and also to your company. I do not recollect that any complainant has

<p>been received against your company. However, 1 to 2 days back, one such complaint was received from one of the companies that no crop survives in the fields of our farmers due to their chemicals. I request you that if you discharge any chemical from your company, please do some processing so that human beings are not suffered. I really congratulate Mhaske Sir of this company that you are also making production of this company in extremely better manner. You have also given good projects to Wadivarhe village through CSR for example it may be</p>		
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<p>regarding school education or regarding development of the village. As you said you have completed projects of the cost of 27 lakhs. I am certainly pleased that you have extended co-operation from time to time. You have completed all the processes of the proposal sent to you by the Gram panchyat and therefore I thank you all.</p>		
<p>Member of the Environment Public Hearing and Regional Officer Shri. Patil, mentioned as to how you are going to solve the space problem with you. Because no adequate land is available with you. This is one</p>	<p>Representative of the consultants of Vadivarhe Speciality Chemicals Ltd, Shri. Pradeep Joshi assured in response to the question of Shri. Patil saheb by saying that the suggestions will be complied with.</p>	

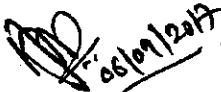
<p>point and secondly, it is my request. It is not that company is not taking care but some precautionary measures are required to be followed. Whatever hazardous waste material is generated should be properly disposed-off. For the fullest efforts are required to be made so that this problem or unexpected problem do not arise. It so happens that there are some agencies with us and the products that are supposed to reach them do not reach them at all. It so happens frequently. You must display a board to which authorized agency your material is going. People also know that the</p>		
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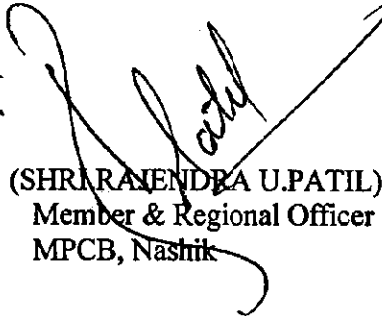
<p>material here is sent to the agency and is not disposed off anywhere.</p> <p>Therefore, make effort that maximum material of acid recovery plant goes to authorized agency, so that people do not have problem that they have.</p>		
	<p>The company representatives assured that the suggestions made during public hearing will be complied with and the company will strictly follow all the rules and regulations relating to Environment Protection, Safety & Health.</p>	<p>Hon'ble Chairman of the public hearing and Addl. District Collector, Nashik, Shri. Dilip Swami Saheb gave guidance in the capacity of the Chairman.</p> <p>I expect that you will take over all cognizance of the suggestions made by Sarpanch and Dy. Sarpanch. Wadivarhe has got highly educated representatives and their interaction with the company, be in better interest of the village. As a Chairman I express my</p>


			<p>expectation that you will do more than what you have presented. As mentioned by Mr. Reddy Sir, Health status and cropping pattern status is also ultimately important from the point of view of village, people from village and their health. (You may also pay attention to the fact that study can be made or analysis is done in the context of these aspects in Running through also). Our extension officer has raised a question. Because if something happens in village, we have to face first. Therefore, we, our Talthis or Gram sevak or Extension Officers, our Tehsildars remain in forefront, if the issue becomes big, we come in the picture. Because they have to face first. They are concerned that the said issue should not crop up in future. The company</p>
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			<p>should properly ensure, from this point of view. I, issue instructions less requests to the company and I sincerely thank you all for remaining present for this public hearing and declare that this public hearing is over.</p>
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The Hon'ble Chairman of the said public hearing, sincerely thanked all the present and declare business of the said public hearing to have been concluded and with this the business of the hearing came to an end.


 (A.J.KUDE)
 Co-ordinator &
 Sub-Regional
 Officer,
 MPCB, Nasik


 (SHRI. RAJENDRA U.PATIL)
 Member & Regional Officer
 MPCB, Nashik


 (SHRI. DILIP SWAMI)
 Chairman & Addl.
 District Collector,
 Nashik

List of Enclosures:

1. Proceedings of the hearing
 2. Attendance sheet
 3. CD of the hearing - 1 No
 4. Hearing Panel – copy of the Order of MPCB.
 5. Copy of the presentation made by the factory
 6. Advertisement of the hearing in English & Marathi
 7. Request letter from the Sub-Regional Office, MPCB, Nashik to make available papers of the hearing in different offices.
 8. Letters / representations received in favour of the project.
 - b) Gram Panchayat office, Gonedumala
 - c) Gram Panchat Office, Wadivarhe
 - d) Shri. Wootkuri Sunanda Reddy, Chairman, Dharitri Paryavaran Pariraxan Sanstha, Nalgonda, Telangana State.
 - e) Shri. H. Madhu Babu, Chairman (Rehas-Rural Environmental Education & Health Awareness Society) Environment Engineer.
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