

MAHARASHTRA POLLUTION CONTROL BOARD



Meeting Specifics:

Meeting Title:	Minutes of 1st Committee Meeting, for By-Products and Hazardous waste categorization				
Location:	Through Video Conference				
Meeting Date:	22.06.2020	Start Time:	3.00 pm	End Time:	5.00 pm

Participants:

Sr. No.	Name of the Officer	Designation	
01	E. Ravendiaran	Member Secretary	Chairman
02	P.K. Mirashe	Asst. Secretary(Tech)	Member Convener
03	Dr. Y.B. Sontakke	Joint Director (WPC)	Member
04	N. N. Gurav	RO(HQ)	Member

Dr. V. M. Motghare, JD(APC) could not attend the meeting, leave of absence was granted to them.

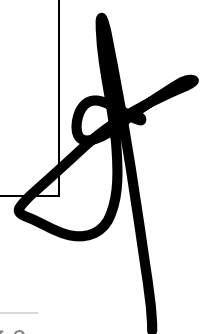
Assistant Secretary (Tech.), MPCB, Member convener of the Committee, welcomed the Committee members, and give the outline idea and necessity for formation of Committee by the Board.

Due to illegal disposal of Hazardous Waste so call by product/chemicals/HW in recent past, Board has decided to consider by-products only after following the due procedure for defining the By product. The by-products which are not confirm the definition of By product and does not have commercial value, and not useful as Raw material to manufacture a new product without its pre-treatment, needs to be define as HW and will be shifted to the Hazardous Waste Section and consent amendment accordingly. Various industries have submitted their representation in respect of the same and requested the Board to allow them to sell as a by-products as they don't find buyer who has register under Rule-9 of Hazardous and Other Waste Rule, 2016 to process their waste/use as raw material for manufacturing their product.

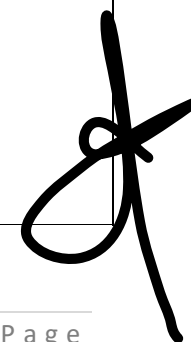
By considering above and to have more clarity about By product and HW, the Board had constituted a committee on 12.03.2019. As per TOR, the committee shall examine the details of the consent to operate granted by the Board at various levels (i.e. Regional Officer, Head of the Department, Consent Committee, and Consent appraisal committee) and The committee shall examine the technical presentation made by industry or Environmental Auditor. Based on the presentation and examining the case, the committee will decide about the by-products and hazardous waste and shall ask for the consent amendment accordingly.

Thereafter, The CPCB had issued the guidelines in May 2019 for Identification of Materials Generated from Industrial Processes as Wastes or By-products [Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016].

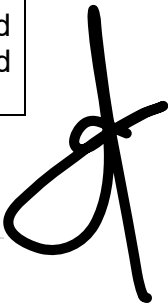
Point	Discussion	Decision
Contents of the Guidelines	<p>The Regional Officer (HQ), MPCB presented the CPCB guidelines for Identification of Materials Generated from Industrial Processes as Wastes or By-products [Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016] along with points to be considered for decision making as;</p> <ol style="list-style-type: none"> 1. Every applicant shall follows the 6 steps mentioned in the guidelines issued by CPCB. 2. The aspects to be covered in the pre-feasibility study. 3. Aspects to be covered in the Environmental & Health Impact and Hazard Risk Analysis Studies <p>Asst. Secretary (Tech) opinion that, apart from the above, mentioned points in the prefeasibility study and the Environmental & Health Impact and Hazard Risk Analysis Studies, some additional Points to be taken into account.</p>	<p>After due deliberation, it was decided that,</p> <ul style="list-style-type: none"> ➤ Board will implement the guidelines published by the CPCB and also take into account the points raised by Asst. Secretary (Tech) which will be incorporated in the prefeasibility study & Environmental & Health Impact and Hazard Risk Analysis Studies. ➤ The committee constituted as per Circular dated 12/3/2019 will apprise and evaluate all the applications of by-product.



	<ul style="list-style-type: none">i. By-products which are claimed can be used by other authorized users without any treatment. For this needs to obtain undertaking that such by-product (Chemical) is used by them as authenticate raw material for users' intended product.ii. By-products users should have declared the % purity requirements by them and has to mentioned the particular name as raw material in their CTE/CTO application. Means the user should be an authorized one.iii. By-product generator should have traceability mechanism and should take form their users a monthly statement of consumption.iv. By-products shall be dispatched directly to the consumer, by generator of by-products, through the transporter having GPS and not through dealers.v. Generator of by-product should submit monthly statement of their sale and statement of consumption by the respective user.vi. After use of by-product consumer shall treat the effluents as per MPCB norms. Such impure by-products can generate effluents than virgin raw materials. This is applicable for spent acids, mix solvents, impure by-product but can be used in process of other products such as paints, varnishes, thinners, boot polish etc. Certain by-products can be good quality chemicals or can be purified to acceptable levels required by users.vii. Chemicals which are not fitting in above points shall not be considered as by-products and shall be treated as Hazardous Waste.	
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<p>By-products already mentioned in the existing consent</p>	<p>Asst. Secretary (Tech.) informed that, as per the Board's record, more than 400 industries are having their consents mentioning products and by-product which needs further examination/evaluation and based on findings consent amendments accordingly.</p> <p>The committee noted that, as per the guidelines issued by the CPCB the industries which are having the EC and by-products are mentioned in the EC, need not to be evaluated further for by-product or Hazardous waste. However, during the earlier CAC meetings, the issue of by-products and HW was discussed and the decision was taken that, though the guidelines given by the CPCB, not to further evaluate /verify the by-products mentioned in the EC, there is need of verify on the basis of end use, chemical compositions, purity, further reprocessing, economic viability, etc.</p>	<p>After due deliberation, it was decided that,</p> <ul style="list-style-type: none"> ➤ It was decided to prepare the separate list of the industries which have obtained EC wherein the by-products are mentioned. This work shall be completed, by forming the sub-committee consisting of a SRO and two FOs of AS(T) section, within three months. ➤ The industries not having EC or having EC but without mentioning by-products and having the consent mentioning by-products, the PP shall be inform immediately by sending letter/mail for submitting the application in prescribed format for evaluation of by-products and HW, with in a period of one month. ➤ The industries those have obtained EC mentioning by-products also needs to be evaluated, as per the guidelines. Further, considering CAC decision needs to evaluate/verify such cases by obtaining following information from the industries. <ul style="list-style-type: none"> i. End use of chemical, ii. Chemical compositions, iii. Purity of material, iv. Further reprocessing, v. Economic viability, etc. ➤ The existing consents mentioned by-product, shall be placed before committee for verification. It was decided to place around 50 cases/meeting and committee will meet twice in a month.
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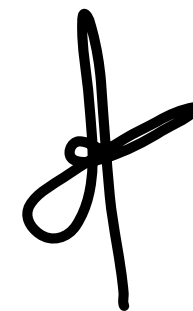


		<ul style="list-style-type: none"> ➤ Committee examine the by-products mentioned in the consents as per the guidelines published by the CPCB. ➤ Formats for seeking data from industry shall be devised by taking into consideration the guidelines and finalized in consultation with committee members. ➤ The portal for accepting online application shall be developed in due course of time, for marinating records and data on a click.
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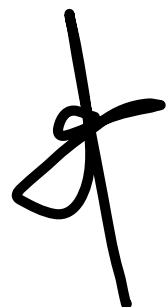
On the basis of request made by the industry and as per the CAC/CC recommendation, following cases were discussed in the meeting and decided as below;

Sr. No.	Name of Industry	Recommendations / Discussion	Decision
1.	M/s. ANSHUL SPECIALITY MOLECULES PVT LTD., Plot No:- 108, 109, 110, MIDC DHATAV, Tal:- Roha, Dist:- Raigad.	<p>PP gave submission on e-mail and application for amendment in existing Consent to Operate for shifting of 3-hazardous waste into by-product and requested Board to give the opportunity for pre-feasibility study for its end uses & submit the report before the committee.</p> <p>Brief about the industry:-</p> <ul style="list-style-type: none"> ➤ Existing Consent to Operate: - Industry has obtained C to O for the manufacturing of manufacturing of "Speciality Chemicals" vide Format 1.0/BO/AST/UAN No. 0000081366/ CC-2002001093 dtd. 25.02.2020 which is valid up to 31.10.2023. 	It was decided that, the industry shall conduct a pre-feasibility study for its end uses & submit the report before the committee in prescribed format.

Sr. No.	Name of Industry	Recommendations / Discussion	Decision
		<ul style="list-style-type: none"> ➤ Old C to O:- Previously, Board has granted C to O on 02.08.2018 mentioning the products (30 Nos) and by-products (Total 14 Nos). ➤ Environmental Clearance: - Not obtained. ➤ Applied for:- Industry applied for amendment in existing Consent to Operate for shifting of 3 hazardous waste into by-product namely.. <ul style="list-style-type: none"> ○ Hydrochloric Acid, ○ Sodium Hypochlorite and ○ Hydro-bromic Acid. ➤ Submitted documents:- <ul style="list-style-type: none"> ○ Application form for amendment, Identification of material as a by-product ○ Material analysis reports (self-certified) and Material Balance. 	
2.	M/s. Aarti Industries Ltd., Plot No. K-17/18/19, MIDC Tarapur, Tal & Dist:- Palghar.	<p>PP gave submission an application for amendment in existing consent to operate for shifting of 3 hazardous waste into by-product and requested Board to grant consent to operate as per the EC granted.</p> <ul style="list-style-type: none"> ➤ Existing Consent to Operate:- MPCBConsent-0000053726/O/CC-190700 0242 dated- 04.07.2019 which is valid upto 30.04.2020. Applied for renewal of consent to operate, approved in 4th CC- 	It was decided that, industry has already obtained EC vide No. SEIAA-EC-0000000222 dated 17/3/2018, with mentioned by-Products. Therefore it was decided to consider the amendment in existing consent as the same by-product shown in EC subject to further evaluation by the

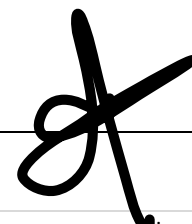


Sr. No.	Name of Industry	Recommendations / Discussion	Decision
		<p>meeting and waiting for SRO's verification report.</p> <ul style="list-style-type: none"> ➤ Environmental Clearance:- Industry has obtained Environmental Clearance vide No. SEIAA-EC-0000000222 dated 17/3/2018. ➤ Applied for:- Industry applied for amendment in existing Consent to Operate for shifting of 3 hazardous waste into by-product namely. <ul style="list-style-type: none"> ○ Recovered Acetic Acid, ➤ Submitted documents:- <ul style="list-style-type: none"> ○ Existing consent to operate, ○ Environmental Clearance copy. 	<p>committee by obtaining following information from the industry.</p> <ul style="list-style-type: none"> i. End use of chemical, ii. Chemical compositions, iii. Purity of material, iv. Further reprocessing, v. Economic viability, etc.
3.	M/s Vinati Organics Limited, Plot No. A-20, MIDC Lote Parshuram, Tal. Khed, Dist. Ratnagiri.	<p>PP gave submission on mail for amendment in existing consent to operate for shifting of hazardous waste into by-product and requested Board to grant consent to operate as per the EC granted.</p> <ul style="list-style-type: none"> ➤ Consent to Operate - Format 1.0/BO/CAC-Cell/UAN No. 0000044299/2nd CAC-1810000547 dtd. 12/10/2018 which is valid up to 28/02/2020. Applied for renewal of Consent to Operate, approved in 2nd CAC meeting held on 04/05/2020. ➤ Consent to Establish -Format 1.0/BO/CAC-Cell/UAN No. 0000047352/E/5th CAC-1903001301 dtd. 25/03/2019 which is valid up to 	<p>It was decided that, industry has already obtained EC vide No. SEIAA-EC-0000000208 dtd. 12/03/2018, with mentioned by-Products. Therefore it was decided to consider the amendment in existing consent as the same by-product shown in EC subject to further evaluation by the committee by obtaining following information from the industry.</p> <ul style="list-style-type: none"> i. End use of chemical, ii. Chemical compositions, iii. Purity of material,

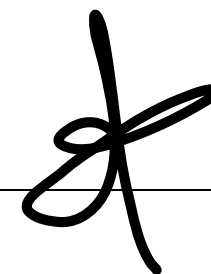


Sr. No.	Name of Industry	Recommendations / Discussion	Decision
		<p>25/03/2024. Applied for Consent to 1st Operate for expansion, approved in 21st CAC meeting held on 30/01/2020.</p> <ul style="list-style-type: none"> ➤ Environmental Clearance:- Industry has obtained Environmental Clearance vide No. SEIAA-EC-0000000208 dtd. 12/03/2018. ➤ Applied for :- Industry applied for renewal of Consent to Operate for mfg. of products and by-products as per the EC. ➤ CAC Decision:- The cases were approved in the CAC meeting dtd. 30/01/2020 & 04/05/2020 and it was decided to grant renewal of Consent to Operate for mfg. of synthetic organic chemicals by clubbing with Consent to 1st Operate application UAN No. 0000080507 which was approved in CAC dtd. 30.01.2020. ➤ Submitted documents:- <ul style="list-style-type: none"> ○ Existing consent to operate, ○ Environmental Clearance copy. 	<p>iv. Further reprocessing, Economic viability, etc.</p>
4.	M/s Vinati Organics Ltd., Plot Nos. B-12, B-13/1, B-4, B-5, B-6, MIDC Mahad, Tal. Mahad, Dist. Raigad.	<p>PP gave submission on mail for amendment in existing consent to operate for shifting of hazardous waste into by-product and requested Board to grant consent to operate as per the EC granted.</p> <ul style="list-style-type: none"> ➤ Consent to Operate:- Format No. 1.0/BO/CAC-Cell/UAN 	<p>It was decided that, industry has already obtained EC vide No. SEAC-2016/CR-123/TC-2 dtd. 27/09/2016, with mentioned by-Products. Therefore it was decided to consider the amendment in existing consent as</p>

Sr. No.	Name of Industry	Recommendations / Discussion	Decision
		<p>0000033941/5th CAC-1903001299 dtd. 25/03/2019 which is valid up to 31/01/2020. Applied for renewal of Consent to Operate, approved in 4th CAC meeting held on 05/06/2020.</p> <ul style="list-style-type: none"> ➤ Environmental Clearance:- Industry has obtained Environmental Clearance vide No. SEAC-2016/CR-123/TC-2 dtd. 27/09/2016. ➤ Applied for:- Industry applied for renewal of Consent to Operate for mfg. of products and by-products as per the EC. ➤ CAC Decision:- The case was approved in the CAC meeting dtd. 05/06/2020 and it was decided to grant consent for short period up to 31.03.2021. ➤ Submitted documents:- <ul style="list-style-type: none"> ○ Existing consent to operate, ○ Environmental Clearance copy. 	<p>the same by-product shown in EC subject to further evaluation by the committee by obtaining following information from the industry.</p> <ul style="list-style-type: none"> i. End use of chemical, ii. Chemical compositions, iii. Purity of material, iv. Further reprocessing, <p>Economic viability, etc.</p>
5.	M/s. Excel Industries Limited, Plot Nos. 112, 20/1, OS-2, MIDC Area, Dhatav, Tal. Roha, Dist. Raigad.	<p>PP gave submission on e-mail for amendment in existing Consent to Operate for shifting of hazardous waste into by-product and requested Board to give the opportunity for pre-feasibility study for its end uses & submit the report before the committee.</p> <ul style="list-style-type: none"> ➤ Consent to Operate:-Format 1.0/BO/CAC-Cell/EIC No-RD- 3195-15/14th CAC-2648 dtd. 23.02.2026 which was valid upto 30.01.2020. ➤ Environmental Clearance:- Not obtained. ➤ CAC decision:- Minutes of Meeting dtd. 2nd CAC Meeting of 2020-21 (Booklet No. 	<p>It was decided that, the industry shall conduct a pre-feasibility study for its end uses & submit the report before the committee in prescribed format.</p>

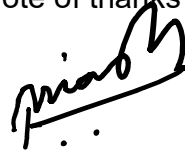


Sr. No.	Name of Industry	Recommendations / Discussion	Decision
		<p>2) dtd. 04.05.2020 and it was decided to grant renewal of Consent to operate with certain terms and condition, with remarks, the Consent shall be issued by placing by-products in hazardous waste category after confirming disposal path.</p> <ul style="list-style-type: none"> ➤ Submitted documents:- <ul style="list-style-type: none"> ○ Identification of material as a by-product, ○ Material Balance (self-certified) 	
6.	M/s Lubrizol India Private Limited, Plot No:- 9/3, Thane- Belapur Road, Turbhe, Navi Mumbai.	<p>PP gave submission on e-mail for amendment in existing Consent to Operate for shifting of hazardous waste into by-product and requested Board to give the opportunity for pre-feasibility study for its end uses & submit the report before the committee.</p> <ul style="list-style-type: none"> ➤ Consent to Operate:- Format 1.0/BO/CACCell/UAN No. 0000070247/O&A / 5th CAC-1911000093 dtd. 02/11/2019 which is valid up to 31/01/2020. Applied for renewal of Consent to Operate, approved in 2nd CAC meeting held on 04/05/2020. ➤ Environmental Clearance:- Not obtained. ➤ Applied for:- Industry applied for renewal of Consent to Operate for mfg. of products and by-products. ➤ CAC Decision:- The case was approved in the CAC meeting dtd. 04/05/2020 and it was decided to grant renewal of Consent 	It was decided that, the industry shall conduct a pre-feasibility study for its end uses & submit the report before the committee in prescribed format.

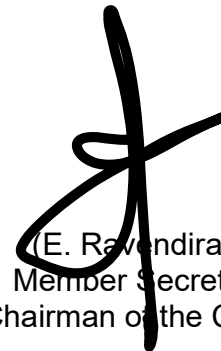


Sr. No.	Name of Industry	Recommendations / Discussion	Decision
		<p>to Operate for mfg. of chemical adhesive inclusive of metal working oil additives, dispersant of additives extreme pressure additives, viscosity index improves, pour point dispersants and flow improves - 5,000 MT/M & Nitrogen - 1,500 MT/M.</p> <p>➤ Submitted documents:-</p> <ul style="list-style-type: none"> ○ Identification of material as a by-product, ○ Material Balance (self-certified) 	

The meeting ended with vote of thanks to the Chair.



(P.K. Mirashe)
Asst. Secretary (Tech.)
and Member-Convenor of Committee



(E. Ravendiran)
Member Secretary
and Chairman of the Committee