SUMMARY OF DECISION

1st MEETING (2024-25) OF TECHNICAL COMMITTEE FOR CERTIFICATION ABOUT "NO INCREASE IN POLLUTION LOAD" FOR GETTING EXEMPTION FROM GOING THROUGH THE ENTIRE EIA PROCESS

Held on : 03/05/2024 at 11:30 Hrs.

Agenda				
Sr. No.	**Application No.**	**Name of Industry**	**Applied for**	**Technical Committee Recommendations**
1	MPCB-CONSENT-0000196644	**M/s. Vinati Organics Limited,.** Plot No. A-20 & D-30/2 MIDC -Lote Parshuram Khed, Tal. Khed, Dist. Ratnagiri.	Consent to Establish under change in product mix	Recommended for change in product mix
2	MPCB-CONSENT-0000198220	**M/s. V & V Pharma Industries,** Plot No. N - 48 Addl Ambernath Industrial Area, Tal. Ambernath, Dist. Thane	Amendment in consent under change in product mix	Absent
3	MPCB-CONSENT-0000202810	**M/s Galaxy Laboratories Private Limited.,** Plot no. B-22, MIDC, Aurangabad Industrial Area, Beed Bypass Road, Taluka – Chhatrapati Sambhaji Nagar, District - Chhatrapati Sambhaji Nagar - 431005	Amendment in consent under change in product mix	Deferred
Table Item				
4	MPCB-CONSENT_AMMENDMENT-0000011605	**M/s. Spectrum Ethers Ltd.,** Gat No. 367, Rasegaon Village, Tal. Dindori, Dist. Nashik	Amendment in consent for changes in quantities of some of the hazardous waste	Deferred

Minutes of 1st meeting of Technical Committee (2024-25) for assessment of application of under change in product-mix

Date : **03/05/2024**

Venue : **4th Floor, Conference Hall, Kalpataru Point, Sion, Mumbai & Microsoft Team Video conferencing.**

Mode of Meeting: Hybrid

Technical Committee Members present for the meeting:

1)	Shri. Nandkumar Gurav, Assistant Secretary (Technical), MPCB	Chairman
2)	Shri. A.M. Pimparkar, Scientist-1, Environment Department	Member
3)	Shri. Partik Bharne, I/c Regional Director, CPCB	Member
4)	Shri. Dr. V. M. Motghare, Joint Director (APC)	Member
5)	Shri. Dr. J. B. Sangewar, Joint Director (WPC)	Member
6)	Dr. B.R. Naidu, Ex. Regional Director, CPCB	Member
7)	Shri. Anurag Garg, Chair Professor	Member
8)	Shri. Dr. Ravindar Kontham, Principal Scientist, NCL Pune	Member
9)	Shir. Shankar Waghmare, Regional Officer (BMW), MPCB	Member Convener

At the outset, the request was received from the members (1) Shri. M.P. Patil, Representative of NEERI and (2) Shri. S.V. Patil, Vasantdada Sugar Institute Special Invitee for leave of absence from attending the meeting was placed before the Committee meeting. The Committee considered the same.

Shri. Nandkumar Gurav, Assistant Secretary (Technical), MPCB & Chairman of the Committee welcomed all the Committee members. The committee deliberated on the agenda items placed and following decision were taken.

Agenda Item No.	Item No. 1
Proposal No.	MPCB-CONSENT- 0000196644
Project Details	**M/s. Vinati Organics Limited,.** Plot No. A-20 & D-30/2 MIDC -Lote Parshuram Khed, Tal. Khed, Dist. Ratnagiri.
NIPL Certificate	NIPL Certificate issued by M/s. Aditya Environmental Services Pvt. Ltd., Date. 03.02.2024

Introduction:

This has reference to the online proposal submitted vide No. MPCB-CONSENT-0000196644 along with the copies of documents seeking Consent to Establish for change in product mix under the provisions of EIA Notification 2006 amended on 23/11/2016 & amended on 02/3/2021. The existing unit is engaged in manufacturing Synthetic Organic Chemicals i.e specialty chemical and organic intermediaries.

Existing Environment Clearances (EC):

1. Environmental Clearance was accorded vide No. SEAC-2015/CR-236/TC-2 dt. 28.06.2016 for Proposed expansion of Synthetic Organic Chemicals.

2. The Consent to 1st Operate (Part-I) for expansion, Renewal of Consent to Operate in amalgamation accorded by the Board vide No. Format 1.0/CAC/UAN No. 0000107484 /CO-2107001035, Date.19.07.2021 valid upto 31.03.2026.

Project Details:

A. Products with change in product mix as below:

Sr. No.	Existing			Proposed change after Change in Product Mix		Remarks
	products	As per EC quantity	Existing CTO quantity	Proposed change quantity	Proposed after Product Mix Change in quantity	
		TPM	TPA	TPA	TPA	
1	AAMPS (ATBS)	2750	33000	0	33000	No Change
2	50% Solution of Na-AAMPS(Na-ATBS)	2000	24000	0	24000	Bifurcation for making ATBS/Na-ATBS as per market demand, overall capacity of both products together equivalent to 24000TPA Na-ATBS
	[OR] ATBS	0	0	10800	10800	
3	Isobutylene (IB)	4000	48000	0	48000	No Change
4	Di-Acetone Acryl Amide (DAAM)	83	996	-996	0	**Deleted**
5	High Purity MTBE	1000	12000	0	12000	No Change
6	Para- Tertiary Butyl Toluene (PTBT)	417	5004	0	5004	No Change
7	P- Tertiary Butyl Benzoic Acid or Methyl Ester	500	6000	0	6000	No Change

8	Tertiary Octyl Acryl Amide (TOA)	83	996	0	996	No Change
9	Co-generation Power + Steam	8 MW	8 MW	0	8 MW	No Change
10	p-Tert Butyl Phenol (PTBP)	3250 TPM as Butyl Phenols (no break up given in EC)	39000 TPA as Butyl Phenols (no break up given in CTO)	-3500	12500	Existing product
	p-Tert Octyl Phenol (PTOP)			+500	500	New Product
	o-Tert Butyl Phenol (OTBP)			-1000	5000	Existing product
	2,6 Di-Tert Butyl Phenol (2,6 DTBP)			0	10000	Existing product
	2,4 Di-Tert Butyl Phenol (2,4 DTBP)			0	7000	Existing product
11	o-Sec Butyl Phenol (OSBP)	0	0	+3000	3000	New Product
	2,6 Di-sec Butyl Phenol (2,6 DSBP)	0	0	+600	600	New Product
	p-Sec Butyl Phenol (PSBP)	0	0	+300	300	New Product

	2,4 Di-Sec Butyl Phenol (2,4 DSBP)	0	0	+100	100	New Product
	TOTAL	**14083**	**168996**	**-996**	**168000**	**Reduction in total quantity by 996 TPA.**

- The proposed change in the product mix in the existing facility is for the manufacturing of one product either 50% Solution of NaAAMPS (Na-ATBS) OR ATBS in option as per market demand, the overall capacity of both products together will be equivalent to 24000 TPA Na-ATBS.
- Industry has Proposed to delete existing one product Di-Acetone Acryl Amide (DAAM) and proposed changes in manufacturing of Butyl Phenol group product with breakup and additional new proposed products under the same group.

B. Pollution load Details:

(i) Water & Wastewater Aspect: -

a) Water aspect before & after proposed change in product mix: -

Category	As per EC (CMD)	Consented (CMD)	Proposed after change in Product Mix (CMD)
1) Industrial Cooling	1680	1680	1680
2) Domestic Purpose	37	37	37
3) Processing whereby water gets polluted and pollutants are easily biodegradable.	214	214	208
5) Gardening	23	23	23
Total Water	**1954**	**1954**	**1948**

- **Total water consumption is proposed to be reduced by 6 CMD.**

b) Wastewater Aspect Before & after proposed change in product Mix: -

Sr. No	Category	As per EC	Consented	After proposed change in product mix.	Remarks
1	Process Effluent	71	71	64	7 CMD reduced due to discontinuation of DAAM
2	Utility	196	196	196	No change
3	Total Trade Effluent (1+2)	267	267	260	Treated in ETP of 350 CMD capacity
3	Domestic Sewage	30	30	30	Treated in STP.
4	Total Effluent	297	297	290	Reduced by 7 CMD.

- **Trade Effluent generation is proposed to reduce by 7.0 CMD, due to discontinuation of DAAM.**

c) COD & TDS Pollution load existing and post change in product mix: -

COD LOADS				
STREAM	**Source**	**Effluent Qty in CMD**	**STREAM COD mg/Lit.**	**COD KG/DAY**
High COD /TDS Stream	Plant	95	25021	2377.0
Low COD /TDS Stream	Plant	95	16442	1562.0
	Cogen/Utility	77	55	4.2
	Domestic	30	400	12.0
AVERAGE	Existing	297	13316	3955
	Post proposal	290	13316	3862

TDS LOADS				
STREAM	**Source**	**Effluent Qty in CMD**	**STREAM TDS mg/Lit.**	**TDS KG/DAY**
High COD /TDS Stream	Plant	95	19642	1866.0
Low COD /TDS Stream	Plant	95	830	78.9
	Cogen/Utility	77	450	34.7
	Domestic	30	600	18.0
AVERAGE	Existing	297	6724	1997
	Post proposal	290	6724	1950

- Average COD Load and TDS load are proposed to be reduced by 93 Kg/Day and 47 Kg/Day respectively.

C. Treatment System: -

i) Trade Effluent:
Industry has segregated trade effluent into strong & weak stream and provided separate treatment system as below.

Strong Stream: High COD/TDS stream effluent 88 CMD is treated in treatment system comprising of Primary, followed by Stripper, Multi effect evaporator and Agitated Thin Flim Dryer (ATFD). The MEE condensate is treated with weak stream in Effluent Treatment Plant.

Weak Stream: Low COD/TDS stream 172 CMD is treated in treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter) and Advanced treatment (Ultra Filtration & Reverse osmosis).

ii) Sewage effluent:
Domestic effluent 30 CMD is treated separately in STP having capacity 50 CMD.

D. Air Emission Aspect: -

Sr No.	Stack No Per CTO	Source	APC system provided	Stack height	Type of fuel kg/hr	Pollutant	Emission-Existing	Emission – Proposed
1	S1	Boiler 15 TPH	Cyclone and bag filter	40 m	Coal 3020 kg/hr (% S 0.5%)	SO2	725 kg/d	725 kg/d
2	S2	Boiler 9TPH	Cyclone and bag filter	35m	Coal 1050 kg/hr (% S 0.5%)	SO2	252 kg/d	252 kg/d
3	S3 (*)	Boiler 6TPH	Stack	40m	LSHS 340kg/hr (% S 0.5%)	SO2	734 kg/d	163.2 kg/d
4	S4 (*)	Hot Oil Unit (10 LKcal/hr)	Stack	30.5m	LSHS 110kg/hr (% S 0.5%)	SO2	237 kg/d	52.8 kg/d
5	S5	Emergency Flare	Stack	32m	--	--	--	--
6	S6	DG set 320 KVA	Acoustic Enclosure	3 m	HSD 60 lit/hr	SO2	29 kg/d	29 kg/d
7	S7	DG set 600 KVA	Acoustic Enclosure	5 m	HSD 80lit/HR	SO2	38 kg/d	38 kg/d
8	S8	DG set 125 KVA	Acoustic Enclosure	3 m	HSD 40lit/HR	SO2	19 kg/d	19 kg/d
9	S9	DG set 125 KVA	Acoustic Enclosure	3 m	HSD 40lit/HR	SO2	19 kg/d	19 kg/d
10	S10	DG set 1500 KVA	Acoustic Enclosure	7.8	HSD 200 lit/hr	SO2	96 kg/d	96 kg/d
11	S11	DG set 1250 KVA	Acoustic Enclosure	40 m	HSD 250lit/hr	SO2	120 kg/d	120 kg/d
12	S12	Thermic Fluid Heater (30 LKcal/hr)	ESP	35 m	Coal 655kg/hr (% S 0.5%)	SO2	157 kg/d	157 kg/d
13	S13	Thermic Fluid Heater (30 LKcal/hr)	ESP	35m	Coal 655 kg/hr (% S 0.5%)	SO2	157 kg/d	157 kg/d
14	S14	Boiler (54TPH)	ESP	66 m	Coal 10680 kg/hr (% S 0.5%)	SO2	2563 kg/d	2563 kg/d
15	S15	*Flare for Hydrogen gas	Stack	35m	----	----		----

16	S16	OTBP, 2,6 DTBP Reaction system	Stack	10m	-----	Acid Mist		35 mg/NM3
17	S17	Emergency Process Vent	Stack	10m	-----	Acid Mist		35 mg/NM3

- **There is no change in the process emissions and existing utilities as per the existing CTO.**
- **Industry has switched to fuel from FO to LSHS.**
- **Total SO2 emission is proposed to reduce by 755 Kg/Day.**

E. Hazardous Waste Aspect: -

S. No.	Waste category Type	Category (*)	UOM	Quantity		Remark
				As Per Existing CTO (**)	post change of product mix	
1	Used or Spent Oil	5.1	Lit/A	5000	5000	no change
2	Wastes or residues containing oil	5.2	Lit/A	500	500	no change
3	Flue gas dust and other particulates	11.4	Kg/A	300	300	no change
4	Discarded asbestos	15.2	MT/A	2	2	no change
5	Distillation residues	20.3	MT/A	7	7	no change
6	Process Residue or wastes	28.1	MT/A	440.3	174	Reduction due to deletion of DAAM
7	Spent catalyst	28.2	MT/A	2	2	no change
8	Spent carbon	28.3	MT/A	2	2	no change
9	Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	33.1	Nos/M	30	30	no change

10	Chemical sludge from waste water treatment	35.3	MT/A	3000	180	Reduction due to change in oxidation process.
11	Spent carbon or filter medium	36.2	MT/A	9.5	9.5	No change
12	MEE bottom salt	------	MT/A	520	520	No change
13	Glass wool and puff	----	MT/A	4	4	No change
14	Aluminium Sulphate solution	-------	MT/A	15996	15996	No Change
15	N Tertiary butyl acryl amide (TBA)	------	MT/A	2112	2112	No Change
16	Tertiary Butyl amine (TB Amine)	------	MT/A	1608	1608	No Change
17	Sodium polyacrylate	------	MT/A	3264	3264	No Change
18	Polymer powder (VINCAP)	------	MT/A	6618	6618	No Change
19	Calcium sulphate	------	MT/A	7092	7092	No Change
20	Polymer powder (VINSAP)	------	MT/A	9600	9600	No Change
21	Sodium sulphate	------	MT/A	8712	0	Deleted
22	Isobutylene disulphonic acid (IBDSA)	------	MT/A	2532	0	
23	Sodium sulphate	------	MT/A	6276	0	Deleted due to process change
24	Methanol	------	MT/A	26880	26880	No Change
25	Ammonium sulphate	------	MT/A	3096	0	Reduction due to deletion of DAAM
26	Polymeric Liquid (40% conc) VINSAP)	------	MT/A	5580	5580	No Change
27	Super plasticizer	------	MT/A	4728	0	To be deleted
28	Heavy organic matter	------	MT/A	4982	1684	Reduction in generation due to process efficiency improvement

29	Light ends	------	MT/A	300	300	No Change
30	Poly isobutylene	------	MT/A	480	0	Deleted.
31	Spent sulphuric acid	------	MT/A	180	180	No Change

- **The total Hazardous waste is proposed to decrease by 32218 TPA after proposed product mix activity.**

Technical Committee Deliberations:

The project proposal was discussed based on presentation made and documents- NIPL Certificate, NIPL proforma and Revised Power Point presentation submitted by the proponent. Product wise load calculation in terms of wastewater, Air Emissions & Hazardous Waste generations were discussed. Existing Consent to Operate, Environmental Clearance, No Increase in Pollution Load certificate issued by M/s. Aditya Environmental Services Pvt. Ltd., Date. 03.02.2024 and product-mix proforma are taken on the record.

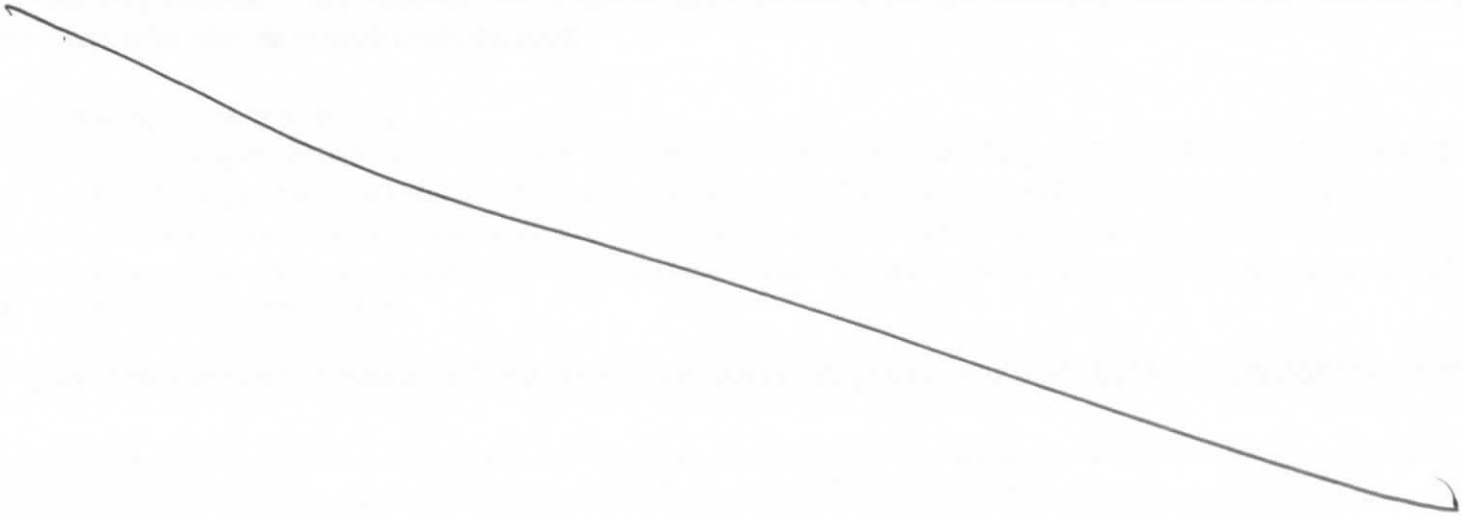
Committee after due deliberations noticed that:

1) The proposed change in the product mix in the existing facility is for the manufacturing of one product either 50% Solution of NaAAMPS (Na-ATBS) OR ATBS in option, as ATBS is pre curser of Na AAMPS (Na-ATBS). Option of making ATBS/Na-ATBS as per market demand is proposed with overall capacity of both products together equivalent to 24000TPA Na-ATBS.
2) Industry has Proposed to delete existing one product Di-Acetone Acryl Amide (DAAM) and proposed changes in manufacturing of Butyl Phenol group product with breakup and additional new proposed products under the same group.
3) Industry has proposed reduction in total manufacturing quantity by 996 TPA.
4) Industry has proposed reduction in total water consumption by 6 CMD.
5) Trade Effluent generation is proposed to reduce by 7.0 CMD, due to discontinuation of DAAM.
6) Average COD Load and TDS load are proposed to be reduced by 93 Kg/Day and 47 Kg/Day respectively.
7) Industry is segregating the strong and weak stream trade effluent and treating separately.
8) There is no change in the process emissions and existing utilities as per the existing CTO.
9) Industry has switched to fuel from FO to LSHS.
10) Total SO2 emission is proposed to reduce by 755 Kg/Day.
11) Industry has proposed decrease in total Hazardous waste by 32218 TPA after proposed change in product mix.

Technical Committee Decision:

Technical Committee decided to recommend the case for change in product mix based on revised "No Increase in Pollution Load" as per the provision of EIA notification 2006 with compliance of the following conditions;

1) Industry shall comply with all the conditions stipulated in Environmental Clearance and ensure display/upload of six-monthly compliance monitoring report on their official website.
2) Industry should not manufacture any other product for which permission is not granted by the MPCB.
3) Industry shall ensure connectivity of OCEMS data to Board server.
4) Industry shall comply the Boards Circular dtd. 05.02.2020 for use of cleaner fuel.
5) Industry shall comply with direction issued to CETP on 22.01.2021, regarding installation of two-way SCADA, Auto-sampler, Non-Return Valve (NRV) with positive discharge to CETP chamber.



Agenda Item No.	Item No. 2
Proposal No.	MPCB-CONSENT-0000198220
Project Details	**M/s. V & V Pharma Industries,** Plot No. N - 48 Addl Ambernath Industrial Area, Tal. Ambernath, Dist. Thane
NIPL Certificate	NIPL Certificate issued by M/s. Element Consultancy Services No. Nil, Dtd. Nil.

Introduction:

This has reference to the online proposal submitted vide No. MPCB-CONSENT-0000198220 along with the copies of documents seeking Amendment in consent under change in product mix under the provisions of EIA Notification 2006 amended on 23/11/2016 & amended on 02/3/2021.

Industry has sent mail on 02/05/2024 and reported that due to some unavoidable circumstances they are unable to attend the meeting and requested to reconsider their proposal in upcoming meeting.

In view of above, as per the request of the project proponent, the Technical Committee decided to consider this proposal in next meeting.

Agenda Item No.	3
Proposal No.	MPCB-CONSENT- 0000202810
Project Details	**M/s Galaxy Laboratories Private Limited.,** Plot no. B-22, MIDC, Aurangabad Industrial Area, Beed Bypass Road, Taluka – Chhatrapati Sambhaji Nagar, District - Chhatrapati Sambhaji Nagar -431005
NIPL Certificate	NIPL Certificate issued by M/s. Technogreen Environmental Solutions, Date. 15/03/2024

Introduction:

This has reference to the online proposal submitted vide No. MPCB-CONSENT- 0000202810 along with the copies of documents seeking amendment in consent to operate for proposed change in product-mix under the provisions of EIA Notification 2006 amended on 23-Nov-16 & 02/3/2021.

Existing Environment Clearances (EC):

1. Environmental clearance is accorded by MoEF & CC vide No. SIA/MH/IND3/409159/2022, Date. 21/07/2023.
2. Existing Consent to operate accorded by the Board vide No. Format1.0/CC/UAN No.0000181011/CO/2401000862, Date: 06/01/2024, valid upto 31/03/2028.

Project Details:

C. Products with change in product mix as below:

Sr. No.		Existing (TPM)	Deducted /addition Production (TPM)	After Product Mix (TPM)	Remark
1	Hydrogen	750 Nm3/hr	0	750 Nm3/hr	No change
2	Furfuraldehyde (Furfural)	10	0	10	No change

3	Furfurylamine	40	0	40	No change
4	Cis Pinene	100	0	100	No change
5	Cyclohexenyl Ethyl Amine (CHEA)	10	0	10	No change
6	5-Chloro-4-Amino-2,1,3 Benzothidiazole	2	0	2	No change
7	Betaphenyl Ethyl Amine (BPEA)	20	0	20	No change
8	Polyallyamine Hydrochloride (PAAH)	3	0	3	No change
9	2,5- DICHLORO-4-(1,1,2,3,3,3- HEXA FLUOROPROPOXY) - PHENYL AMINE (SC-0603)	46	0	46	No change
10	4- METHOXYCYCLOHEXANONE (SS-1602)	50	0	50	No change
11	1,3-Butandiol OR	100	- 55	45	Reduced quantity
	Piperidine OR	0	0	0	
	N- Methyl Piperazine +	50	- 32	18	Reduced quantity
	1,4-Di-Methyl Piperazine	12.5	- 6.25	6.25	Reduced quantity
12	Cinnamyl Alcohol	50	- 40	10	Reduced quantity
13	Phenyl Propanol	20	- 15	5	Reduced quantity
14	Allyl Amine	5	- 4	1	Reduced quantity
15	Anethole	20	- 5	15	Reduced quantity
16	Furfural Alcohol	30	- 10	20	Reduced quantity

17	Triclabendazole(Crude)	8.4	0	8.4	No change
18	Maltol (Furfural based)	20	0	20	No change
19	Ethyl Maltol (Furfural based)	20	0	20	No change
20	3 Methoxy butanol	20	- 12	8	Reduced quantity
21	DICAP	-	15	15	New product
22	Benzonitrile	-	10	10	New product
23	Benzyl Amine	-	12	12	New product
24	MABTF	-	100	100	New product
25	2ABTF	-	7.74	7.74	New product
26	4ABTF	-	2.22	2.22	New product
27	PMPA	-	10	10	New product
28	Spent Acid (By product)	42.5	105.57	148.07	Addition
29	Sodium Hydrosulphide Solution (By product)	46.6	22.11	24.49	No Change
30	Poly aluminum chloride Solution (PAC)	135.75	62.13	73.62	Reduced quantity
		861.75	-	860.79	Reduced by 0.96

Technical Committee Deliberations:

The project proposal was discussed based on presentation made and documents- NIPL Certificate, NIPL proforma submitted by the proponent. Product wise load calculation in terms of wastewater, Air Emissions & Hazardous Waste generations were discussed. Existing Consent to Operate, Environmental Clearance, No Increase in Pollution Load certificate issued by M/s. Technogreen Environmental Solutions and product-mix proforma are taken on the record.

Committee after due deliberations noticed that:

(i) PP has applied for the amendment in consent to operate under change in product mix for the reduction in production quantity of some existing products and addition of 7 Nos, of new proposed products.
(ii) PP has presented the PPT and during presentation committee noted that PP has shown the Spent Acid (By product), Sodium Hydrosulphide Solution (By product), Poly aluminum chloride Solution (PAC) has shown in the product list and also in Haz. Waste.
(iii) The committee noted that the Board has already shifted the claimed By-products in the Haz. Waste, though the claimed By-products are shown in the product list.
(iv) The committee noted that the overall Haz. Waste quantities are increasing in comparison with the EC quantities, thus there is increasing in the pollution load.
(v) Industry has not submitted the details of the Zero Liquid Discharge system during presentation.

Technical Committee Decision:

The Technical Committee decided to defer the case and instructed PP to reassess the mass balance, pollution load along with the NIPL certificate in comparison with the Environmental Clearance and Consent to Operate and was advised the PP to furnish the above details within 7 days before the committee. After receipt of report from PP, it will be placed before Committee.

Agenda Item No.	Item No. 4
Proposal No.	MPCB-CONSENT_AMMENDMENT-0000011605
Project Details	**M/s. Spectrum Ethers Ltd.,** Gat No. 367, Rasegaon Village, Tal. Dindori, Dist. Nashik
NIPL Certificate	NIPL Certificate not submitted.

Introduction:

This has reference to the online proposal submitted vide No. MPCB-CONSENT_AMMENDMENT-0000011605 seeking amendment in consent to operate for changes in quantities of some of the hazardous waste due to bifurcation and addition of two applicable categories of hazardous waste. Industry have proposed bifurcation in one category, reduction in two categories, increase in one category & addition of two new categories in Hazardous Waste.

Existing Environment Clearances (EC):

1. Environmental Clearance accorded by MoEF & CC vide No. F.No. J-11011/84/2012- IA -II (I), Date. 28.03.2016.
2. The Consent to Operate is accorded vide no.- Format 1.0/CC/UAN No. 0000115569/CO/2203001232 dated 24.03.2022) which is valid up to 31.03.2024.

Technical Committee Deliberations:

Committee noted that, previously application was placed before the 20th Consent Committee (CC) Meeting of 2023-24 held on 04.11.2023 and it was decided to defer the case and to place the application before Technical Committee of Hazardous waste for examination and Technical Committee shall communicate the recommendation to Consent Committee.

Accordingly, the said application was placed before the 2nd Meeting of 2023-24 for By-Product & Hazardous Waste Categorization dated 30.01.2024, Minutes of the Meeting is as below:

"Committee noted that the industry had applied for amendment in consent to operate accorded vide dated 24.03.2022 valid upto 31.03.2024 for Amendment in existing consent to operate for bifurcation of hazardous waste quantity (without change in total HW quantity). The said application was discussed before 19th consent Committee meeting of 2023-24 held on

04.11.2023 & it was decided to defer the case & place the application before Technical Committee for Hazardous waste & By-Product categorization for examination.

After due deliberations, it was noted that this case is an application for amendment in existing consent to operate for bifurcation of hazardous waste quantity (without change in total HW quantity). Hence the application does not come under the purview of this committee.

After due deliberations it was recommended to place the case before the Product-mix committee (TCM)."

Committee after due deliberations noticed that:
Industry has submitted that for the manufacture of Ethion Technical (400 TPA) and Terbufos Technical (500 TPA) the intermediate DETA is manufactured in the first step of reaction within the plant. Industry has proposed to use the intermediate DETA procured from outside to manufacture 85% of these products within plant. The remaining 15% of Ethion Technical and Terbufos Technical is produced from in-house manufactured DETA.

Hazardous Waste (Category 29.1) - Sodium hydrogen sulfide (NaSH) is produced during the manufacture of DETA. Since, 85% DETA is outsourced due to which sodium hydrogen sulphide (NaSH) waste generation will be reduced from 325 TPA to 50 TPA. Outsourced DETA is available with solvent and catalyst material. Before taking outsourced DETA for production, solvent and catalyst are to be removed from the mixture. During this a spent catalyst 50 TPA and spent solvent 125 TPA will be generated as a hazardous waste.

Industry has also proposed to manufacture the existing product Propiconazole from 88% purity to > 98 % purity and therefore proposed to increase the distillation residue as hazardous waste due to extra purification from 60 MT/A to 260 MT/A.

Technical Committee Decision:
Technical Committee noted that though the PP has applied for the changes in the Haz. Waste quantities, however there is change in product mix as industry has proposed to use intermediate DETA directly from market and also industry has proposed to reduce the quantity of the Propiconazole **to** achieve purity >98%, thus the committee opine that the application falls under Change in Product Mix.

Therefore, Technical Committee decided to defer the case and asked PP to submit the documents as per procedure laid in the EIA Notification 2006 amended on 23/11/2016 & amended on 02/3/2021.
