

Item Nos.7 to 11

BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI

Original Application No. 19 of 2013 (SZ) (THC)

& M.A.No. 173/2015 (SZ)

(W.P. No. 6922/2011, Madras High Court)

IN THE MATTER OF:

Meenavargal Membattu Sangam ... Applicant(s)

vs

The Chief Secretary,
Government of Tamil Nadu,
Chennai and Others. ...Respondent(s)

Original Application No. 248/2016 (SZ)

Meenava Thanthai
K.R. Selvaraj Kumar,
Meenavar Nala Sangam. .. Applicant(s)

vs

The State of Tamil Nadu,
Rep.by its Secretary to Government,
Chennai and Others ...Respondent(s)

Appeal No. 51/2017 (SZ)

M/s. Manali Petrochemicals Limited ... Appellant(s)

vs

The Central Pollution Control Board,
Ministry of Environment, Forest and Climate Change,
Government of India,
New Delhi and Others ... Respondent(s)

Appeal No.52 of 2017 (SZ)

M/s. Manali Petrochemicals Limited ... Appellant(s)

vs

The Central Pollution Control Board,
Ministry of Environment, Forest and Climate Change
Government of India

New Delhi and Others. ... Respondent(s)

Original Application No. 224 of 2016 (SZ)

Meenava Thanthai

K.R. Selvaraj Kumar. .. Applicant(s)

vs

The Chief Secretary,
Government of Tamil Nadu,
Secretariat, Chennai and Others. ... Respondent(s)

Date of hearing: 11.6.2020

CORAM:

HON'BLE MR. JUSTICE K. RAMAKRISHNAN, JUDICIAL MEMBER

HON'BLE MR. SAIBAL DASGUPTA, EXPERT MEMBER

Original Application No. 19 of 2013 (SZ) (THC)

& M.A.No. 173/2015 (SZ)

For Applicant(s): None.

For Respondent(s): Mr. M. Mani Gopi for R1 to R3.
M/s. Abdul Saleem & S. Saravanan for R4.

Original Application No. 248/2016 (SZ)

For Applicant(s): Mr. Stanley Hebzon Singh

For Respondent(s): Mr. M. Mani Gopi for R1 to R3 & R5.
M/s. Abdul Saleem &
S. Saravanan for R4 & R6

Appeal No. 51/2017 and 52/2017 (SZ)

For Appellant(s): Mrs. AL. Gandhimathi

For Respondent(s): Mr. D.S. Ekambaram &
Mrs. Jayalakshmi for R1 & R2
Mr. Abdul Saleem & S. Saravanan for R3
Mr. S. Saravanan for R4.

Mr. Stanley Hebzon Singh for R5

O.A.No.224 of 2016

For applicant .. Mr. Stanley Hebzon Singh

For respondents .. Mr. Mani Gopi for R2 to R4 & R6

Mr. Abdul Saleem &

Mr. S. Saravanan for R5 & R7

ORDER

In the order dated 8.2.2020, we have considered the previous orders and passed the following order:

“Before disposing the matter, we feel it appropriate to appoint a Joint Committee comprising of Central Pollution Control Board (CPCB), State Pollution Control Board (SPCB), a senior scientist from National Institute of Ocean Technology (NIOT) and senior scientist dealing with environment engineering (Chemical) from Anna University to inspect the units in question and find out the present status of the functioning of the units namely M/s. Manali Petrochemical Limited and M/s. Tamil

Nadu Petrochemical Limited and ascertain as to whether they are maintaining and managing all pollution control mechanism and whether the discharge of effluent from these industries to sea conforms with the specified norms prescribed by the PCB and the impact of effluents in the sea water and if there is any deficiency found and the sea water quality has not improved, then suggest the remedial measures by which the quality of sea water can be improved and who has to carry out these remedial measures and also assess the environmental compensation against the defaulting units who are responsible for polluting sea water by applying "Polluters Pay" principle and submit a report to this Tribunal within a period of three months.

The remedial measure should contain the short term as well as long term measures to be adopted by the units. They may also consider as to whether the units have complied with the recommendations made by the earlier committee for improvement of the quality of the sea water and if so to what extent that has been complied with and the impact of that compliance in the quality of sea water and if it is not sufficient to suggest more recommendations as a remedial measures to remedy the situation and make the quality of the sea water in conformity with the norms and the time required for completing the remedial measures. They may also conduct a detailed study regarding the effect of contamination caused on the flora and fauna of the aquatic and marine life.

Any one of the representative of the petitioner association is permitted to participate in the inspection along with the committee and the committee can consider his suggestion and make necessary observation regarding the same also in the report.

Central Pollution Control Board (CPCB) will be nodal agency for co-ordinating and for providing necessary logistics for this purpose”

and posted the case to 19.5.2020 for consideration of report. Tamil Nadu State Pollution Control Board was also directed to file their report regarding further action if any taken against these units and if there was any subsequent violations found then what was the result. On 19.5.2020, it was adjourned to today by notification. We have received the report submitted by the committee through e-mail.

2. When the matter was taken up today through Video Conference, learned counsel Mr. Stanley Hebzon Singh represented applicants in O.A.Nos.248 of 2016 and 224 of 2016 and fifth respondent in Appeal Nos.51 and 52 of 2017, learned counsel Mr. Abdul Saleem, through Mr. S. Saravanan represented fourth respondent in O.A.No.19 of 2013 and respondents 4 and 6 in O.A.No.248 of 2016, third respondent in Appeal Nos.51 and 52 of 2017 and respondents 5 and 7 in O.A.No.224 of 2016, learned Government Advocate Mr. Mani Gopi represented respondents 1 to 3 in O.A.19 of 2013, respondents 1 to 3 and 5 in O.A.248 of 2016 and respondents 2 to 4 and 6 in O.A.No.224 of 2016, Mrs. AL. Gandhimathi represented appellant in Appeal Nos.51 and 52 of 2017, Mr. D.S. Ekambaram through Mrs. Jayalakshmi represented

respondents 1 and 2 in Appeal Nos.51 and 52 of 2017 and Mr. Vijaya Mehanath represented fourth respondent in Appeal Nos.51 and 52 of 2017.

3. Learned counsel appearing for Central Pollution Control Board submitted that they have filed an interim report. We have received the interim report through e-mail dated 18.5.2020 which reads as follows:

**Interim Status Report of the Joint Committee
(as per Hon'ble Tribunal, Southern Zone, Chennai order dated
08.02.2020 in OA nos. 19/2013, 224/2016, 248/2016 and Appeal nos.
51/2017 & 52/2017)**

1. Background:

The Honourable National Green Tribunal, Southern Zone, Chennai, in the matter of OA nos. 19/2013, 224/2016, 248/2016 and appeal nos. 51/2017 & 52/2017 directed on 08.02.2020 as;

"..... we feel it appropriate to appoint a joint committee comprising of Central Pollution Control Board, State Pollution Control Board, a senior scientist from National Institute of Ocean Technology (NIOT) and senior scientist dealing with environment engineering (Chemical) from Anna University to inspect the units in question and find out the present status of the functioning of the units namely M/s. Manali Petrochemical Limited and M/s. Tamilnadu Petrochemical limited and ascertain as to whether they are maintaining and managing all pollution control mechanism and whether the discharge of effluent from these industries to sea confirms with the specified norms prescribed by the PCB and the impact of effluents in the sea water and if there is any deficiency found and the sea water quality has not improved, then suggest the remedial measures by which the quality of sea water can be improved and who has to carry out these remedial measures and also assess the environmental compensation against the defaulting units who are responsible for polluting sea water by applying "Polluters Pay" principle and submit a report to this Tribunal within a period of three months.

The remedial measure should contain the short term as well as long term measures to be adopted by the units. They may also consider as to whether the units have complied with the recommendations made by the earlier committee for improvement of the quality of the sea water and if so to what extent that has been complied with and the impact of that compliance in the quality of sea water and if it is not sufficient to suggest more recommendations as a remedial measures to remedy the situation and make the quality of the sea water in conformity with the norms and the time required for completing the remedial measures. They may also conduct a detailed study regarding the effect of contamination caused on the flora and fauna of the aquatic and marine life”.

2. About Committee:

In accordance to Hon'ble tribunal direction, CPCB, RD(S), Bengaluru communicated the order and requested for nomination from respective departments vide letter no. Tech/39/NGT(SZ)/RDS/2019-20 dated 13.02.2020. Consequent upon the nominations received from respective department and monitoring was planned during March 04 to 06, 2020 with concurrence of committee members. The committee constituted with following members:

1. Dr. VijayaRavichandran, Scientist 'G', NIOT, Chennai
2. Sh. M. Malaiyandi, JCEE, TNPCB, Arumbakkam, Chennai
3. Dr. V.T. Perarasu, Associate Professor, Dept. of Chemical Engg., AU, Chennai
4. Sh. R. Rajkumar, Scientist 'D', CPCB, RD (S), Bengaluru
5. Sh. A. Gnanavelu, Scientist 'C', CPCB, RD (S), Bengaluru

3. Scope of the committee as per order:

- i) To inspect the units in question and find out the present status of the functioning of the units and ascertain as to whether they are maintaining and managing all pollution control mechanism and whether the discharge of effluent from these industries to sea confirms with the specified norms prescribed by the PCB.

- ii) To assess the impact of effluents discharged in the sea water and if there is any deficiency found and the sea water quality has not improved, then suggest the remedial measures by which the quality of sea water can be improved and who has to carry out these remedial measures. The remedial measure should contain the short term as well as long term measures to be adopted by the units. Also to conduct a detailed study regarding the effect of contamination caused on the flora and fauna of the aquatic and marine life.
- iii) To assess the environmental compensation against the defaulting units who are responsible for polluting sea water by applying “Polluters Pay” principle.
- iv) To consider, whether the units have complied with the recommendations made by the earlier committee for improvement of the quality of the sea water and if it is not sufficient to suggest more recommendations as a remedial measures to remedy the situation

4. Committee Meeting & Field Visit:

A preliminary meeting was held on 04.03.2020 with the committee members and discussed about the scope of committee as per order and trailed by the presentation of the following industries about their products, waste water generation, treatment facilities, and air pollution control devices installed:

- i) M/s Manali Petrochemical Ltd., (Plant I & II)
- ii) M/s Tamilnadu Petrochemical Ltd., (LAB, PO & Alkali Plant)
- iii) M/s Kothari Petrochemical Ltd.,

After the detailed discussions, the committee has made following decisions as per infrastructure and manpower.

- To carry out visit of all industries during 4-5.03.2020 and to conduct simultaneous monitoring/sampling of industrial ETPs, Marine (outfall of treated effluent) and Ennore creek (mouth of sea) on 06.02.2020 & sources emission during this period.
- To carry out sources emission monitoring utilizing the manpower of NABL accredited lab M/s Glens, Chennai in supervision of CPCB official Sh. Sudhagarh, JSA. The materials required for monitoring

such as chemicals, thimbles etc. and analysis from CPCB, RD(S) Lab, Bengaluru.

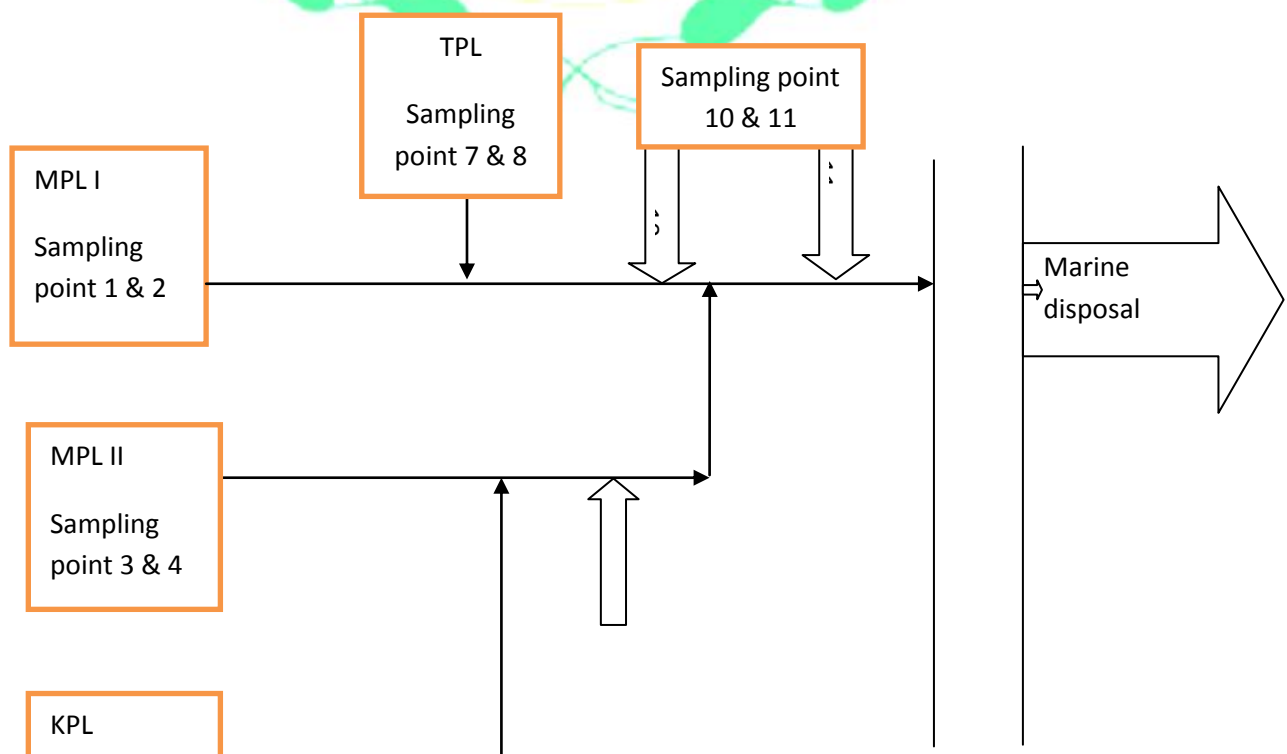
- Sampling & Analysis of the samples collected from industrial treatment plants & discharge pipelines will be carried out by CPCB, RD(S) Lab, Bengaluru.
- Sampling and Analysis (biological parameter) of Marine & Ennore creek will be carried out by NIOT, Chennai
- Analysis of the samples collected from marine & Ennore creek for physio-chemical parameters, heavy metals will be done through NABL accredited lab M/s Glens, Chennai
- The cost for sampling and analysis carried out by NIOT, Chennai and M/s Glens, Chennai will be borne by the industries under polluter pay principal.

After meeting, committee continued with field visit/inspection and as per Hon'ble NGT direction representative of applicant Mr.M.R.Thiyagarajan (President MeenavarNalaSangam) was present on 04.03.2020.

5. Details of Sampling & Analysis Result:

5.1 Sampling at Industries & Discharge Pipeline:

The samples were collected at inlet and outlet of treatment plants installed in the individual industries and also in pipeline carrying treated effluent of all four units leading to marine outfall. Total 11 nos. of samples were collected.





5.2 Source Emission Sampling:

The details of the source emission monitoring carried out at seven stacks during committee inspection are given below:

Name of Industries	Monitoring Locations	Fuel Used	Parameters Monitored
M/s MPL (Plant – I)	18 TPH Boiler	LNG	PM, SO ₂ , NO _x
M/s MPL (Plant – II)	10, 10 & 21 TPH Boilers	HO	PM, SO ₂ , NO _x
M/s KPL	12 TPH Boiler	Rice Husk	PM, SO ₂ , NO _x
M/s TPL (LAB)	8 TPH Boiler	LNG	PM, SO ₂ , NO _x
M/s TPL (PO Plant)	12 TPH Boiler	LNG	PM, SO ₂ , NO _x
M/s TPL (HCD)	5 TPH Boiler	LNG	PM, SO ₂ , NO _x
	HCL Plant Scrubber	Process Stack	Acid Mist & Vapour

5.3 Sampling at Marine & Ennore Creek:

Sea samples were collected by NIOT team along with committee during industries sampling, covering 1 km wide and 2 km long stretch along the Ennore coast to include the near field and far field area of outfall. Sampling locations were located at 500 m and 1000 m distances along three transects to the north, south and east of outfall. Samples were collected at surface and mid depth covering both low tide and high tide. Additionally samples were collected at the mouth of ennore creek, to know any pollution impact on sea through this creek. Total 48 nos. of samples were collected and also 14 nos. of sediment samples were collected from the bottom of sea to know the impact due to discharge.

5.4 Analysis results:

Due to COVID 19 lock down analysis report from the laboratories of M/s Glens, Chennai and NIOT yet to receive.

6. Compliance of Recommendation submitted by Previous Committees/Reports:

6.1	Recommendation of the two member expert committee was constituted with Dr.Palanivelu, Anna University, Chennai and Dr. N. Vedharaman, CLRI, Chennai as per order dated 22.7.2014 in O.A. No. 19 of 2013	
6.1.1 Specific Recommendations for environment safety		
i	The units shall have leak detection system and necessary arrangements for immediate repair of pipeline to avoid soil and ground water contamination.	Complied
ii	Sea water samples to be collected around mixing point, away from point of mixing and at different depth once in six months by TNPCCB / MoEF /reputed third party in the presence of TNPCCB officials and analysed for constituents. Appropriate marine studies to be made including disappearance of marine species, if any in that zone. This continuous monitoring will provide pollution status of this zone.	Partially Complied. Study was carried out only once through NIOT during August 2015. Then the unit approached NIOT during December 2016, but NIOT has not carried out the study due to other commitments. Thereafter the unit trying to findout/engage other organisation to carry out Marian impact assessment study.
iii	Toxicity studies to be conducted for the combined effluent before discharge into sea once in six months	Complied. Study was conducted through M/s SGS during November 2016.
iv	The MPL Units in their process are not using any toxic metals. However TNPCCB	Complied

	may ensure this by analysing for presence of heavy metals. In the treated effluent of units.	
6.1.2 General Recommendations for environment safety		
i	As the Metro water pipeline and treated effluent pipe line runs closely in some locations, accidental mix up both may led to contamination of drinking water. This may lead to public health problem. Hence it is recommended to isolate both the pipe lines to avoid problem foresee wherever necessary	It was informed that: The respective lines have been laid at different levels. Further MPL has used heavy thick HDPE pipes. MPL pipe line pressure is less if compared with Metro water line pressure. As stated earlier MPL's Team is carrying out regular inspection of the entire stretch of the pipeline. Also, co-ordinates with agencies such as Highways, TWAD, CMWSSB etc. to ensure that the line is not affected/ tampered whenever they undertake any digging or other work near the effluent line.
ii	Pipeline routes may be marked/identified by suitable means for easy identification and follow-up	Complied. Pipeline route marker provided in 75 places.
iii	Necessary arrangements may be made well in advance to replace the pipe according to its life time to ensure environmental safety.	Complied. The effluent line was originally laid and commissioned in the year 1990 and replaced the line in 2011. <i>However industry shall carry out third party verification in regard to</i>

		<i>the pipeline strength and accordingly pipeline shall be replaced.</i>
iv	Open area lines (Canals) may be closed with suitable materials to prevent damage.	Complied
6.1.3 Specific Recommendations:		
Short Term (within three Months)		
1.	The present ETP established at MPL - I and MPL - II seems to be ineffective in reducing the organics (COD and BOD) to the permissible levels. Efforts should be made at the earliest to improve the proper working of the ETPs or go for better efficient treatment process to achieve marine discharge standards.	Complied
2.	The industry should make necessary provisions for the collection of samples from the pipe line after the interconnection point of the treated effluent (downstream point after mixing zone) and near the discharge point. These three points (MPL - I & II, TPL ECH and Kothari petro chemicals Ltd) and another one before entering sea (near Ramakrishna Nagar) may be covered and locked. One set of key may with the industry for maintenance and another set with TNPCB for sample collection from these four locations. Monthly samples (surprise) may be collected and tested by TNPCB.	Complied
Long Term		

1.	<p>M/s MPL I & II should make effort to do away with the present chlorohydrin route and switch to catalytic process of manufacturing PO. As this process is a sustainable one and eliminates the use of hazardous chlorine gas and lime which ultimately end up as waste.</p>	<p>It is informed that: As per Expert committee advice MPL carried out the study to identify the suitable catalytic process. For this small capacity plant catalytic process technology is not viable. Only available for very high capacity plant (minimum 600 TPD). New The investment for the change of process (large capacity plant) is Rs 4000 Cr and no market scope in India. In the catalytic process pollutant load is higher than present chlorohydrin route.</p>
2.	<p>M/s MPL I & II and other industries should look in to possibilities of zero liquid discharge with suitable technologies like RO to get water and reject for suitable by product recovery. This will eliminate the sea disposal of treated effluent.</p>	<p>It is informed that: ZLD is not viable method for these industries, due to effluent characteristics (containing CaCl₂), RO membrane may not work properly and moreover issue will be on disposing of solid waste generation. All units adopting various methods on water conservation and also using treated sewage effluent. M/s MPL is using RO reject from M/s MFL for the process. Treated wastewater from M/s TPL (LAB & Alkali plant) is being utilised by PO plant.</p>

		<i>Feasibility of using treated wastewater from M/s KPL shall be explored by M/s MPL</i>
6.1.4 General Short term Recommendations (within Six Months)		
1.	Appropriate flow meter for liquid effluent discharge that has been installed should be connected to TNPCB car-Air centre and online monitoring meters for parameters like pH, Temperature, TDS, COD,BOD etc, may be installed and this may also be connected to TNPCB at the earliest by all the units.	Complied

6.2	Summary of NIOT Report (August 2015)
<p>The results of selected parameters reveal that there is no spatial or temporal variation in the study area. The concentration of metals show lower values in the offshore location MPL 10, when compared to the other locations. The background concentrations of the study area is significantly high possibly due to the influence of Royapuram fishers harbour, Chennai Port, Royapuram outfall and several other industries discharging in this area.</p> <p>From these results it can be concluded that the study area was moderately polluted, which may be attributed to the several sources.</p> <p>The studies on biological characteristics reveal the following:</p> <ul style="list-style-type: none"> ➤ The near shore coastal belt shows minor variation in biological characteristics ➤ Various discharges along Ennore coast may induce synergistic effect of toxicant on the benthic population in certain station and in depth studies are warranted. <p>The MPL EIA report does not contain the biological data for comparison. The scope of present short term study is too limited to</p>	

conclude any discernible trends on the possible impact on environment

6.3 Recommendation of Joint Committee Report (CPCB & TNPCB) submitted on May 02, 2016 & September, 2016				
		M/s MPL (Plant I & II)	M/s TPL	M/s KPL
i	All units are required to install flow meters to maintain proper records of water consumption, effluent generation from different section of process along with material balance and water balance and same to be made available to TNPCB/CPCB during inspection.	Complied	Partially Complied	Partially Complied
ii	Existing ETPs of MPL – I & II and TPL found inadequate, hence it is suggested to take up treatability study to identify the suitable treatment technology to meet the prescribed standards of marine disposal system.	Complied	NA	NA
iii	All units to prepare planned schedule of pumping of treated effluent	Complied MPL Plant-1 - 24 Hours MPL Plant-2 - 24 hours	Complied TPL - 24 Hours	Complied Kothari- 6.30 hrs to 9.30hrs to 16.30 to

	into marine disposal system and to ensure the quality of effluent before discharging into sea.			19.30hrs, 1.30 to 4.30 hours
iv	All the units to install water level indicators in raw effluent collection tank as well as in treated effluent storage tanks, to assess the quantity of effluent received treated, recycled and discharged into marine disposal system. Also to maintain proper daily records /logbook for effluent generated, treated and quantity of treated effluent sent to marine disposal system.	Complied	Complied	Complied
v	To install at least three intermediate flow meters in the marine disposal pipeline where provisions are made to collect samples to assess the quantity of effluent pumped from the units and quantity of effluent discharged. This also helps to	Partially Complied. Flow meters installed in the industry are connected to online expect the flow meters installed in sea discharge pipeline outside industry	Partially Complied Flow meters installed in the industry are connected to online expect the flow meters installed in sea discharge pipeline outside industry	Partially Complied Flow meters installed in the industry are connected to online expect the flow meters installed in sea discharge pipeline outside industry

	quick identification of any leaks in the pipeline. These flow meters shall connect to TNPCB/CPCB monitoring center.			
vi	All sampling points are found access to public; these sampling locations are kept in lock and key arrangements, one set of key as well as valve operating devices shall be made available to TNPCB to access at any point of time in these points.	Complied	Complied	Complied
vii	To install online BOD, COD analyzer in the marine disposal line and same shall be connected to TNPCB/ CPCB monitoring center	Complied	Complied	Complied
viii	The industry shall have advanced leak detection system along with manual verification for quick identification of leak and arrangements for immediate repair of the same to	Complied <i>However flow meters shall be connected to DCS system as well as in CPCB & TNPCB server</i>	NA	NA

	prevent the soil and ground water contamination in the surrounding area.			
ix	To take up detailed marine study by considering the actual quality and quantity of effluent discharged to verify the availability of dilution in the sea and its impact on marine species.	<p>Partially Complied.</p> <p>Study was carried out only once through NIOT during August 2015.</p> <p>Then the unit approached NIOT during December 2016, but NIOT has not carried out the study due to other commitments.</p> <p>Thereafter the unit trying to find out/engage other organisation to carry out Marian impact assessment study</p>	Partially Complied.	Partially Complied.
x	To install proper floaters to trace the pipe line passing in the sea as well as the point of diffuser. Without any identification it is very difficult to locate exact point of diffuser while collecting samples from sea disposal	Complied	NA	NA

	points by TNPCB/CPCB and the same may not be true representative samples.			
xi	All units are required to conduct toxicity studies for their effluent and also for combined effluents. The results shall be submitted to TNPCB including species used for the study.	Not Complied Industry has carried out only heavy metal study not with species	Not Complied.	Not Complied.

7. Submission for extension of time:

Sl No.	Scope of the committee as per order	Status
i)	To inspect the units in question and find out the present status of the functioning of the units and ascertain as to whether they are maintaining and managing all pollution control mechanism and whether the discharge of effluent from these industries to sea confirms with the specified norms prescribed by the PCB.	Samples were collected to assess the performance of the pollution control system installed at the units and confirm the discharge norms of treated effluent. Wastewater samples collected - 11 nos. Source emission samples - 07 nos. <i>(Shall be justified/commented after obtaining the analysis report)</i>
ii)	To assess the impact of effluents discharged in the sea water and if there is any deficiency found and the sea water quality has not improved, then suggest the remedial measures by which the quality of sea water can be improved and who has to carry out these remedial measures. The remedial measure should contain the short term as well as long term measures to be adopted by the units.	Totally 48 samples were collected in marine around discharge point and at mouth of Ennore creek. 14 nos. of sediment samples were collected from the bottom of sea <i>(Shall be justified/commented after obtaining the analysis report)</i>

	Also to conduct a detailed study regarding the effect of contamination caused on the flora and fauna of the aquatic and marine life.	
iii)	To assess the environmental compensation against the defaulting units who are responsible for polluting sea water by applying "Polluters Pay" principle.	<i>Environmental compensation shall be assessed and imposed after obtaining the analysis report (if any violation/damage noticed)</i>
iv)	To consider, whether the units have complied with the recommendations made by the earlier committee for improvement of the quality of the sea water and if it is not sufficient to suggest more recommendations as a remedial measures to remedy the situation	Compliance statuses of the earlier committees are detailed in section 6. <i>(After obtaining analysis report, suggestions shall be recommended as a remedial measures)</i>

Due to lockdown, the laboratories are not in a position to submit the final analysis report.

In view of the above fact, the committee requests Honourable Tribunal further two month time to submit the final report considering the present pandemic situation."

4. In the conclusion portion, the committee has sought for two more months time to file the report, as they could not collect the Analysis Report from the laboratory due to lock down declared on account of Corona infection in the State.

5. Under these circumstances, we feel it appropriate to grant two months time to the committee to submit the report along with the remediation measures if any, required on the basis of the Analysis Report and also suggest alternate methods if any, required for non compliance of certain suggestions and recommendation given for efficient management of pollution control

mechanism which they have mentioned in the 'remarks' column of the compliance of recommendation in the interim report.

The committee is directed to submit the report to this Tribunal on or before 7.9.2020 by e-mail or e-filing at ngtszfilling@gmail.com.

Registry is directed to communicate this order to the members of the committee immediately by e-mail so as to enable them to comply with the direction

For consideration of report post on 7.9.2020



.....J.M.
(Justice K. Ramakrishnan)

.....E.M.
(Shri. Saibal Dasgupta)

O.A. No.19/2013 batch
11.6. 2020
Kkr

