

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI
ORIGINAL APPLICATION NO.180 of 2023 (SZ)**

IN THE MATTER OF

Tribunal on its own motion SUOMOTU
based on the Visual media titled
Chennai Rains Makkalai Vathaikkum Oil
Companies- Shocking Story - Michaung
Ground Report covered by on VIKATAN TV
Chennai dt.06.12.2023.

Vs.

The District Collector Chennai District
And Ors.

...Respondents

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Filed by
Thiru. Sai Sathya Jith
Advocate, Chennai.

**BEFORE THE NATIONAL GREEN TRIBUNAL,
SOUTHERN ZONE- CHENNAI**

O.ANO. 180 of 2023

AND

O. A NO.183 of 2023

IN THE MATTER OF

Tribunal on its own motion SUOMOTU based on the Visual media titled Chennai Rains Makkalai Vathaikkum Oil Companies- Shocking Story - Michaung Ground Report covered by on VIKATAN TV Chennai dt.06.12.2023

with

The District Collector Chennai District
And Ors.

...Respondents

AND

R.L. Srinivasan, Chennai

...Applicant (s)

Versus

The Tamil Nadu Coastal Zone Management Authority,
Rep. by its Member Secretary, Chennai and Ors

Respondent(s)

**REPORT FILED ON BEHALF OF THE RESPONDENT -
TAMIL NADU POLLUTION CONTROL BOARD**

I, J. Josephine Sahayarani, D/o. Jesu Rajan, Christian, aged about 57 years, having my office at 76, Mount Salai, Guindy, Chennai-600032, do hereby solemnly affirm and sincerely state as follows:-

1. I am the Joint Chief Environmental Engineer, Tamil Nadu Pollution Control Board (TNPCCB), Chennai -600 032, and I am authorized to file this Report duly approved by the Chairperson as on behalf of the Respondent Tamil Nadu Pollution Control Board (TNPCCB). I am well acquainted with the facts of the case from the records.

J. Josephine Sahayarani
21/12/2023

**JOINT CHIEF ENVIRONMENTAL ENGINEER
TAMIL NADU POLLUTION CONTROL BOARD
No.76, MOUNT SALAI, GUINDY,
CHENNAI-600 032.**


2. It is respectfully submitted that as per the Order dated 9.12.2023 passed by the Hon'ble Tribunal in O.A No: 180 of 2023(SZ), a detailed report was filed before this Hon'ble Tribunal on 11.12.2023.
3. It is respectfully submitted that as per the order dated 14.12.2023 passed by the Hon'ble Tribunal in O.A.No.180 of 2023, a detailed report status cum action taken report was filed before this Hon'ble Tribunal on 18.12.2023.
4. It is respectfully submitted that as per the order dated 18.12.2023 passed by the Hon'ble Tribunal in O.A.No.180 of 2023 & O.A No:183 of 2023, I am filing this further status cum action taken report as follows
5. It is respectfully submitted that TNPCB has issued direction vide proceeding dated 11.12.2023 under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 to M/s. Chennai Petroleum Corporation Limited (CPCL), Refinery I,II and III, Manali Village, Thiruvottiyur Taluk, Chennai District to comply with certain conditions.
6. It is respectfully submitted that the Board has directed the unit of M/s. CPCL to carry out the following vide Lr. No: T6/TNPCB/ F.12753/ 2023 dated:14.12.2023:
 - a) Undertake a complete estimation of oil spill in the area with the help of Experts, CPCL and Coast Guard.
 - b) Ensure the deployment of sophisticated machineries and specialized equipment.
 - c) Ensure that specialized sea cleaning agencies are immediately deployed with trained and well equipped man power.
7. It is respectfully submitted that since the unit of M/s. CPCL has not furnished the reply to the Board proceeding dated 11.12.2023 and instructions dated 14.12.2023, a show cause notice was issued to the unit of M/s. CPCL vide Proceeding No F.1081-01/RL/JCEE(M)/ TNPCB/CHNZONE/ W/2022 dated 16.12.2023.
8. It is respectfully submitted that a detailed report on removal of oily water and oily sludge was already submitted in the earlier report stating that as on 17.12.2023, the total quantity of oily water skimmed is 60,540 litre

J. for 2023/23
21/12/2023
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and oily sludge removed is 322 Tonnes and the same was sent to the CPCL premises for further treatment and disposal.

9. It is respectfully submitted that the details of activities carried out, machinery used, man power deployed and collection of Oil Effluent/Sludge/oil soaked soil on 18.12.2023, 19.12.2023 & 20.12.2023 are as follows:

Date	Activities carried out	Machineries used	Man Power used	Oil water /Sludge recovered
18.12.2023	<p>a) Oil present on the surface of the various location in Creek Mouth to Ennore Bridge were swept by using absorbent boom.</p> <p>b) Oil present on the surface in Ennore Bridge to Railway Bridge (Kattukuppakam) is removed using oil skimmer</p> <p>c) Oil present on the surface of the Railway Bridge to entrance of Buckingham canal is removed using oil skimmer</p> <p>d) Cleaning of bunds from Sathyayamurthy Nagarto Ennore Bridge by using power jet wash</p>	<p>i. Boats – 110 Nos.</p> <p>ii. So far installed Booms</p> <p>a. 300 m long installed– Ennore Creek Mouth</p> <p>b. Two Booms of 325 m long and 275 m at Ennore Bridge</p> <p>c. Oil Boom 100 m long installed– between Road Bridge and Railway Bridge</p> <p>d. Oil Boom 80 m long installed – Railway Bridge</p> <p>e. 50 m long light boom and 50 m hard boom installed - Sivanpadai Veethi</p> <p>f. 250 m Boom at the mouth of the Buckingham Canal</p> <p>iii. Oil Skimmer – 6 Nos.</p> <p>iv. JCB – 8 Nos.</p> <p>v. Truck/ Tipper –18 Nos.</p> <p>vi. Tractor- 2 Nos</p> <p>ii. Gully suckers – 5Nos.</p> <p>iii. Hydras– 2 Nos.</p> <p>ix. Poclain – 5 Nos.</p>	635	<p>i. 58 T of soil affected by oilslick.</p> <p>ii. Oil water 20200 liters.</p>
19.12.2023	<p>a) Oil present on the surface of the various location in Creek Mouth</p>	<p>i. Boats – 128 Nos.</p> <p>ii. So far installed Booms</p>	868	<p>i. 10 T of soil affected</p>


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 TAMIL NADU POLLUTION CONTROL BOARD
 No.76, MOUNT SALAI, GUINDY,
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	<p>to Ennore Bridge and kattukuppam were swept by using absorbent boom</p> <p>b) Oil present on the surface in Ennore Bridge to Railway Bridge (Kattukuppakam) is removed using oil skimmer and shore cleaning using manually.</p> <p>c) Oil present on the surface of the Railway Bridge to entrance of Buckingham canal is removed using oil skimmer</p> <p>d) Cleaning of bunds from Sathyayamurthy Nagar to Ennore Bridge by using power jet wash.</p> <p>e) Water wash of boulders was done in Nettukuppam creek mouth area</p>	<p>a. Oil Boom 300 m long installed- Ennore Creek Mouth</p> <p>b. Two Booms of 325 m long and 275 m at Ennore Bridge</p> <p>c. Oil Boom 100 m long installed- between Road Bridge and Railway Bridge</p> <p>d. Oil Boom 80 m long installed - Railway Bridge</p> <p>e. 50 m long light boom and 50 m hard boom installed - Sivanpadai Vee thi</p> <p>f. 250 m Boom at the mouth of the Buckingham Canal</p> <p>iii. Oil Skimmer - 6 Nos.</p> <p>iv. JCB - 9 Nos.</p> <p>v. Truck/ Tipper - 16 Nos.</p> <p>vi. Tractor- 4 Nos</p> <p>ii. Gully suckers - 2 Nos.</p> <p>iii. Hydras- 2 Nos.</p> <p>ix. Poclairn - 5 Nos.</p>		<p>by oil slick.</p> <p>ii. Oil water 13860 liters.</p>
20.12.2023	<p>a) Oil present on the surface of the various location in Creek Mouth to Ennore Bridge and kattukuppam were swept by using absorbent boom</p> <p>b) Oil present on the surface in Ennore Bridge to Railway Bridge (Kattukuppakam) is removed using oil skimmer and shore cleaning using manually.</p> <p>c) Cleaning of bunds from Sathyayamurthy Nagar to Ennore Bridge by using power jet wash.</p>	<p>i. Boats - 128 Nos.</p> <p>ii. So far installed Booms</p> <p>a. Oil Boom 300 m long installed- Ennore Creek Mouth</p> <p>b. Two Booms of 325 m long and 275 m at Ennore Bridge</p> <p>c. Oil Boom 100 m long installed- between Road Bridge and Railway Bridge</p> <p>d. Oil Boom 80 m</p>	877	<p>i. 3.7 T of soil affected by oil slick.</p> <p>ii. Oil water 11220 liters.</p>

		long installed – Railway Bridge e. 50 m long light boom and 50 m hard boom installed - SivanpadaiVee thi f. 250 m Boom at the mouth of the Buckingham Canal iii. JCB – 4 Nos. iv. Truck/ Tipper – 15Nos. v. Tata ace – 2 Nos vi. Tractor- 2Nos ii. Gully suckers – 2Nos. iii. Hydras– 2 Nos. ix. Poclain – 4 Nos.		
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The total quantity of oily water skimmed as on 20.12.2023 is 105,280 litres and oily sludge removed as on 20.12.2023 is 393.7 Tonnes and the same is sent to the CPCL premises for further treatment and disposal.

10. It is respectfully submitted that surface / ground water samples collected at various locations along the Buckingham canal to Ennore creek stretch and sent to SGS India Pvt Ltd. Continuous Ambient Air quality survey was conducted through mobile lab from 11.12.2023 to 14.12.2023 at Don Bosco- Ennore, 15.12.2023 to 18.12.2023 at Anna Nagar – Ennore & 19.12.2023 to 20.12.2023 at Nettukuppam - Ennore. The Parameters viz. PM 2.5, SO₂, NO₂, NH₃, O₃, Benzene is within the Standards of CPCB.

11. It is respectfully submitted that based on the news about the spreading of Oily Waste in the beaches of Pulicat area on 16.12.2023, through Social Media; the said areas were inspected by District Environmental Engineer, Tamil Nadu Pollution Control Board, Gummidipoondi, Tahsildhar, Gummidipoondi and Assistant Director, Fisheries and Fishermen Welfare Department. The Team inspected, Pulicat Lake in the Fish Landing Centre, Beaches adjoining to Koraiuppam and Koonankuppam fishermen settlements. During inspection, it was found that in the Pulicat Lake near Fish Landing Centre no tar balls are noticed. However, the


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Team observed Tar balls in the Beaches adjoining to Koraikuppam and Koonankuppam fishermen settlements. The Tar Balls were removed from the Beaches of Koonankuppam in the North end of Pulicat to Vairavankuppam (Northern Part of Pulicat) on 17.12.2023 and from Varivankuppam to Koraikuppam (Southern Part of Pulicat) on 18.12.2023. The removal of tar balls were carried out by workers from RE Sustainability IW Solutions Limited, Gummidipoondi, employing four workers and a supervisor, wearing rubber gloves. The activities were monitored by Engineers of Tamil Nadu Pollution Control Board. On both these days, about 12 kgs of waste were collected.

It is respectfully submitted that the activity is being continued on 20.12.2023, in the further South areas of Koraikuppam. Anticipating much more quantity of oily waste, considering that the areas are much closer to Ennore creek, six workmen with a Supervisor, under the guidance of one Assistant Engineer is being carried out. Today, it is intended to carry-out removal of Tar Balls in the Beaches in Kattukuppam, Kalanji and Karingali areas. It is submitted that TNPCB is continuously monitoring the situation of Tar Balls in the beaches near Pulicat area, and they are being removed now and then, and would be carried out, till the need for the same exist.

12. It is respectfully submitted that due to the Oil spillage in Ennore Creek area and the Buckingham Canal during the recent Michuang Cyclone, the impact of Oil spill on Avian birds were studied by the Wildlife Division, Forest Department and it was reported as follows

- a. A special team of wildlife officers comprising of Two Forest Range officers, Four Number of Foresters, Two numbers of Forest Guards, a Veterinary Team from Besant Memorial Animal Dispensary and Bird watch experts has been constituted to inspect the site and take remedial measures for affected avifauna. This team conducted a resonance survey of Ennore, Adyar, Kosathalai region and found no dead birds.

J. Frank 21/12/23
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- b. The team is constantly monitoring the areas affected by the oil spill. The most affected are the backwaters and mangroves. Although some of these birds are covered with oil team found them to be active and constantly trying to groom themselves.
- c. There have been reports of and photographs of birds such as pelicans, painted Stork, egrets, etc., having oil covered in their wings and body, it was also observed during the monitoring. Since it's very hard to capture or Trap avian without causing an injury, the team is capturing the birds and efforts are taken to remove the oil from birds that are weak and easy to capture.
- d. The above-mentioned team is closely monitoring the Ennore mangrove in boats along with trained bird rescuers on 20.12.223. Any Caracas is found, would be immediately secured and sent to Madras Veterinary College for post-mortem or arrangements have to be made to perform an autopsy on the field with trained Vet officers from Besant Memorial Animal Dispensary and Guindy National Park.
13. It is respectfully submitted that as requested by the Government in ECCF Department, the IIT Madras have taken up study for a Complete Assessment of Quantity of oil spillage, physical measurements of oil depths in the canals, water and sediments, flow models to assess the discharge and occupational safety of workers in Ennore creek, Buckingham canal, Kosasthalaiyar river and other adjoining water spread areas using drones, ocean spill models and satellite imagery. IIT Madras have collected samples and they are in the process of preparing a report.
14. It is respectfully submitted that the TNPCB vide letter dated 13.12.2023 & 14.12.2023 have requested the Indian Coast Guard to assess the quantum of oil ingresses in the Buckingham Canal and Ennore creek areas and to ascertain the status of oil spread in the ocean as on date.
15. It is respectfully submitted that the Board vide Letter No.T6/TNPCB/F.12753/RL/2023 Dated 16.12.2023 has requested the

J. S. Kumar 83
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National Institute of Oceanography (NIO), Goa to assist in perambulating the Ennore Creek area, Buckingham Canal, Kosasthalaiyar River and other adjoining water spread areas affected due to oil spillage and to suggest the bio-remediation measures of the above sites immediately. Subsequently, the Board entrusted the bio-remediation work to the NIO, Goa. The Assistant Mission Director, TN Wetlands Mission and Team of TNPCB officials involved in the above mentioned work. The Bio-remediation works by NIO, Goa started by applying Herbal nano-tech bio dispersant (Green Clean – GC 100) as a tech demo at 3 sites on 20.12.2023.

16. It is respectfully submitted that the Board vide Letter No.T6/TNPCB/F.12753/RL/2023 Dated 16.12.2023 has requested the National Centre for Coastal Research (NCCR), Chennai to assist in analyzing the water sample collected from the river, drinking water samples from the nearby areas and sediment samples immediately and for a given period of time. The Board entrusted the work to the NCCR, Chennai vide Proceeding No.T6/TNPCB/F.12753/NCCR/2023 Dated: 20.12.2023. NCCR proposed to collect samples from 10 various locations in Ennore Creek with the frequency of Weekly twice in Dec 2023 - 4 times, weekly once in Jan 2024 - 4 times and Fortnightly in Feb 2024 - 2 times. The Samples will be analysed for following parameters for Creek Water, Ground Water and Sediments.

In Creek water	In Ground Water	In Sediments
1. Salinity 2. Temperature 3. Dissolved Oxygen 4. Biochemical Oxygen Demand 5. Chlorophyll 6. pH 7. Suspended Particulate Matter 8. Nutrients 9. Total Petroleum Hydrocarbons 10. Heavy Metals 11. Dissolved Organic Carbon 12. Phytoplankton	1. Heavy Metals 2. Total Petroleum Hydrocarbons	1. Total Petroleum Hydrocarbons 2. Heavy Metals 3. Macro Benthos


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17.It is respectfully submitted that out of four stretches, three stretches (i.e) Nettukuppam to Ennore Bridge, Ennore Bridge to Railway Bridge, Railway Bridge to entrance of Buckingham canal cleaning is completed. (i.e) the shore of Nettukuppam, Ennorekuppam, Thalankuppam, Mugathuvarakuppam and Kattukuppam areas were cleaned. For the remaining stretch (i.e) Buckingham canal to Sathyamoorthy Nagar cleaning work is in progress.

18.It is submitted that the Additional Chief Secretary, Environment, Climate Change and Forests, Government of Tamil Nadu has conducted co-ordination meeting with CPCL & their contactors and line Departments at Oil Spill Management Co-ordination Centre at Nettukuppam on 18.12.2023 & 20.12.2023 and reviewed the progress of works. During the meeting, instruction was given to M/s. Chennai Petroleum Corporation Limited & their contractor agencies to expedite & complete the clean-up works immediately.

19.It is submitted that the Additional Chief Secretary, Environment, Climate Change and Forests, Government of Tamil Nadu vide letter dated 19.12.2023 requested the Additional Chief Secretary to Government, Labour Welfare and skill Development Department to Directorate of Industrial Safety and Health (DISH) to undertake a complete assessment of Chennai Petroleum Corporation Limited (CPCL) premises and also of the similarly placed Industrial Units and to share the inspection report to TNPCB.

Under the above circumstances, it is humbly prayed that this Hon'ble National Green Tribunal may be pleased to pass such further or other orders as this Hon'ble Tribunal may deem fit and proper in the facts of this case and thus render justice.

J. S. Suresh 8/12/23
21/12/23
JOINT CHIEF ENVIRONMENTAL ENGINEER
TAMIL NADU POLLUTION CONTROL BOARD
No.76, MOUNT SALAI, GUINDY,
CHENNAI-600 032.

VERIFICATION

I, J. Josephine Sahayarani, D/o. Jesu Rajan, working as Joint Chief Environmental Engineer, having office at No. 76, Anna Salai, Guindy, Chennai-32, do hereby submit that the above contents are true to the best of my knowledge and belief through records.

J. Josephine Sahayarani
21/12/23

JOINT CHIEF ENVIRONMENTAL ENGINEER
TAMIL NADU POLLUTION CONTROL BOARD
No.76, MOUNT SALAI, GUNDIRY,
CHENNAI-600 032.



TAMIL NADU POLLUTION CONTROL BOARD



From
Dr. Jayanthi.M, I.F.S.,
Chairperson,
Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy,
Chennai – 600 032.

To
The Managing Director,
M/s. Chennai Petroleum Corporation Limited,
Refinery I, II and III,
Manali Village,
Thiruvottiyur Taluk, Chennai District

Letter No. T6/TNPCB/F.12753/2023 Dated: 14.12.2023

Sir,

Sub: TNPCB – Industries - M/s. Chennai Petroleum Corporation Limited – Oil slick in Buckingham Canal & Ennore Creek – Directions issued under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 as amended - Action Taken Report called for - Reg.

Ref: 1. Proceedings No. T6/TNPCB/12753/W/2023 Dated 11.12.2023
2. D.O.Letter No.8466/EC3/ECCFD/2023 Dated 12.12.2023

I invite kind attention to the reference 1st cited, wherein directions under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 as amended was issued to the unit M/s. Chennai Petroleum Corporation Limited for immediate compliance of certain conditions.

Further, the Additional Chief Secretary, Environmental, Climate Change and Forest Department, Secretariat, Chennai vide reference 2nd cited has informed that during clean up operations it was observed that some fisherfolks involved in the clean up were not wearing the protective gear and hence directed the TNPCB to coordinate with the CPCL authorities and ensure that only specialised agencies are utilised and under no circumstances, vulnerable and untrained people should be used for clean up who are not aware about dangers of such operations. Also, the following needs shall be carried out immediately.

1. Undertake a complete estimation of oil spill in the area with the help of Experts, CPCL and Coast Guard.
2. Ensure the deployment of sophisticated machineries and specialized equipments.
3. Ensure that specialized sea cleaning agencies are immediately deployed with trained and well equipped man power.

In view of the above, it is requested to take necessary action to comply with the above said points 1 to 3 and shall ensure that only specialised agencies are utilised; and also to submit the action taken report for the directions issued to the unit vide Proc. dated 11.12.2023 on or before 18.12.2023.

The receipt of the letter shall be acknowledged.

Dr. Jayanthi.M
14/12/2023
for Chairperson

BY RPADPlastic Pollution
free Tamilnadu**TAMIL NADU POLLUTION CONTROL BOARD**O/o. Joint Chief Environmental Engineer
TNPC Board, Chennai Zone.**Proc.No. F.1081-01/RL/JCEE(M)/TNPCB/CHN.ZONE/W/2022 Dated:16/12/2023.**

Sub: TNPCBoard – O/o JCEE(M) – Chennai Zone - Industries –M/s. Chennai Petroleum Corporation Limited, Refinery I, II and III, Manali Village, Thiruvottiyur Taluk, Chennai District – Directions under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 as amended issued -Not Complied – Show Cause Notice issued - Regarding.

Ref: 1. Proceedings No. T6/TNPCB/12753/W/2023, Dated: 11.12.2023.
2. Letter No. T6/TNPCB/F.12753/2023 Dated: 14.12.2023.

Tamilnadu Pollution Control Board serves this notice on you as occupier of the unit of M/s. Chennai Petroleum Corporation Limited, Refinery I, II and III, Manali Village, Thiruvottiyur Taluk, Chennai District for not complying with the directions issued to the unit vide references 1st and 2nd cited, thereby contravening the provisions of the Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 as amended.

Whereas, the Board vide Proceeding in the reference 1st cited, issued the following directions under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 to the unit of M/s. Chennai Petroleum Corporation Limited, Refinery I, II and III, Manali Village, Thiruvottiyur Taluk, Chennai District for immediate compliance:

1. M/s. CPCL shall identify hotspots in Buckingham Canal, Ennore Creek and adjoining area where the oil deposits /oil slick are stagnated and take necessary remedial measures on war footing basis.
2. M/s. CPCL and its secondary units and terminals shall ensure that all pipelines (raw materials and products) and tanks are intact with no leakage.If CPCL is found to

discharge oil containing water/polluted water against the norms set out for industries under provisions of the Water (Prevention and Control of Pollution) Act, 1974, their operations are liable to be suspended.

3. M/s. CPCL shall also be liable to pay environmental compensation for any damages caused in contravention of the extant provisions under the Water (Prevention and Control of Pollution) Act, 1974.
4. M/s. CPCL shall also be liable to pay compensation to the families adversely impacted due to the oil spillage including the loss of livelihood.
5. M/s. CPCL shall carry out a Leak Detection & Repair Study (LDAR) with the help of a reputed technical institution and furnish the same to the Board immediately.
6. M/s. CPCL shall undertake a comprehensive mapping study with a reputed technical institution to identify oil spread areas and furnish the report with Action Plan to the Board immediately.
7. M/s. CPCL is directed to ensure that no such occurrence happens in future.

Whereas, the Board vide reference 2nd cited, directed the unit to carry out the following immediately:

1. Undertake a complete estimation of oil spill in the area with the help of Experts, CPCL and Coast Guard.
2. Ensure the deployment of sophisticated machineries and specialized equipments.
3. Ensure that specialized sea cleaning agencies are immediately deployed with trained and well equipped man power.

Whereas, the unit till date has not furnished reply for the aforesaid directions issued by the Board. Further the progress on taking remedial measures for removal of oil deposits/ oil slick in Buckingham Canal, Ennore Creek and adjoining area is found to be slow. And complete estimation of oil spill in the area has not been furnished so far. Thereby the provisions of Section 25 of the Water (P&CP) Act 1974 as amended have been contravened by you which is punishable under Section 44 of the Act with imprisonment for a term which shall not be less than one year and six months, but which may extend to six years and with fine and which will attract the provisions of Section 33 A of the said Act for the issue of directions for the closure of the unit, stoppage of power supply etc.

Hence, you are requested to show cause within three days from the date of receipt of this notice as to why penal action for offence punishable under Section 44 of the water (P&CP) Act 1974 as amended should not be initiated against you and also why direction should not be issued for the suspension of the operation of the unit and stoppage of power supply, etc. as occupier for not complying with the direction already issued under Section 33 A of the Water (P&CP) Act, 1974.

It is informed that non-receipt of any reply within the prescribed period will be construed that you have no satisfactory explanation to offer for the above contravention and action will be taken accordingly.

The receipt of this proceeding shall be acknowledged.


16/12/23
Joint Chief Environmental Engineer (M),
Tamil Nadu Pollution Control Board,
Chennai Zone.

To

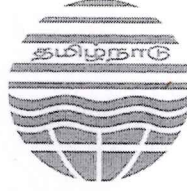
The Managing Director,
M/s. Chennai Petroleum Corporation Limited,
Refinery I, II and III,
Manali Village,
Thiruvottiyur Taluk and Chennai District

Copy submitted to

1. The Chairman,
Tamil Nadu Pollution Control Board,
76, Mount salai, Guindy, Chennai-32.
2. The Member Secretary,
Tamil Nadu Pollution Control Board,
76, Mount salai, Guindy, Chennai-32

Copy to

The District Environmental Engineer,
Tamil Nadu Pollution Control Board,
Ambattur



TAMIL NADU POLLUTION CONTROL BOARD



From
Dr. Jayanthi.M, I.F.S.,
Chairperson,
Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy,
Chennai – 600 032.

To
The Commander Coast Guard Region (East),
Headquarters,
Indian Coast Guard Regional (East),
Rajaji Salai, Near Napier Bridge,
Chennai - 600 009

Letter No. T6/TNPCB/F.12753/RL/2023 Dated : 13.12.2023

Sir,

Sub: TNPCB – Industries - M/s. Chennai Petroleum Corporation Limited – Oil slick ingress in Buckingham Canal & Ennore Creek – Estimation of quantum of oil - requested - Reg.

With reference to the subject cited, it is informed that ingress of oil into the banks of Buckingham canal and in & around the Ennore creek area was occurred due to the impact of floods caused due to Cyclone Michaung in the Manali industrial area. Also, during inspection by a team of officials of Tamil Nadu Pollution Control Board in the said area on 09.12.2023, it was observed that thick oil deposits near the Southern side of the bunds in the stretch between the Ennore Creek upto the Buckingham Canal upto a distance of 11 km.

In this regard, it is the need of the hour that a complete estimation of oil ingress in the said area has to be carried out immediately.

In view of the above, it is requested to assess the quantum of oil ingressed into the Buckingham canal & Ennore Creek area in coordination with the M/s. Chennai Petroleum Corporation Limited and also to furnish details on whether any Standard Operating Procedure (SOP) available to remove the oil in the water bodies / coastal area or any different methodology available for the same to this office immediately.

The receipt of the letter may be acknowledged.

[Signature]
For Chairperson

[Signature]
13/12/2023

Copy to:

The Managing Director,
M/s. Chennai Petroleum Corporation Limited,
Refinery I, II and III,
Manali Village, Thiruvottiyur Taluk,
Chennai District



TAMILNADU POLLUTION CONTROL BOARD



Dr. JAYANTHI. M, IFS.,
Chairperson

Lr.No.T6/TNPCB/F.027307/2023 dated.14.12.2023

Dear Sir,

Sub: Report on Oil Spillage due to Michaung cyclone
in the Ennore Creek area

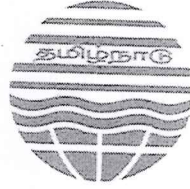
Kindly recall our discussions during the earlier meetings held at Secretariat regarding the Oil Spillage at Ennore area. During the meetings held on 11.12.2023 and 12.12.2023, it was informed by the Coast Guard officials that the Oil Spillage has not spread to the Ocean. However, some media personnel have reported that the oil has spread to a distance of 20 km from Ennore Creek. In this regard, it is requested to ascertain the status of oil spread in the ocean, if so to what extent the oil has reached.

It is requested a press/media release if possible may be issued to clarify ground situation to the public in order to avoid unnecessary panic to public and fishermen.

Jayanthi M
CHAIRPERSON

To

The Deputy Inspector General, Commander,
Mukhyalaya Tatrakshak Zila No.5 (TN)
Coast Guard District Headquarters No.5(TN)
Clive battery Complex,
Rajaji Salai Chennai-600001



TAMIL NADU POLLUTION CONTROL BOARD



From

Dr. Jayanthi. M, I.F.S.,
Chairperson,
Tamil Nadu Pollution Control Board,
76, Mount Salai,
Guindy, Chennai- 600 032.

To

The Director,
CSIR - National Institute of Oceanography,
Dona Paula - 403004, Goa - India

Letter No.T6/TNPCB/F.12753/RL/2023 Dated: 16.12.2023

Sir,

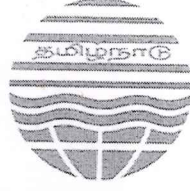
Sub: TNPCB - Oil Spillage in the Ennore Creek, Buckingham Canal - Perambulating the site and to suggest the bio-remediation measures after the manual and mechanical cleaning of the sites - Requested - Regarding.

As you are aware, the oil spillage in the Ennore Creek area is a matter of serious concern as it has adversely impacted the local community living in the vicinity, apart from serious impact on biodiversity loss. In order to arrive at a comprehensive solution to the problem, the first step is to estimate the quantity of oil available in the Ennore Creek area, Buckingham Canal, Kosasthalaiyar River and other adjoining water spread areas.

During my telephonic conversation to you regarding the assistance required for perambulating the above site and suggesting the bio-remediation measures after the manual and mechanical cleaning of the above sites, I request you to kindly assist us in perambulating the above site and suggesting the bio-remediation measures after the manual and mechanical cleaning of the above sites immediately.

I would also like to inform that the expenses incurred for travel, undertaking the study as well as the consultancy charges will be borne by the Tamil Nadu Pollution Control Board, Chennai.

[Signature]
16/12/23
For Chairperson



TAMIL NADU POLLUTION CONTROL BOARD



From

Dr. Jayanthi. M, I.F.S.,
Chairperson,
Tamil Nadu Pollution Control Board,
76, Mount Salai,
Guindy, Chennai- 600 032.

To

The Director,
National Centre for Coastal Research,
NIOT Campus,
Velachery-Tambaram Main Road,
Pallikaranai, Chennai – 600 100.

Letter No.T6/TNPCB/F.12753/RL/2023 Dated: 16.12.2023

Sir,

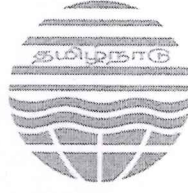
Sub: TNPCB – Oil Spillage in the Ennore Creek, Buckingham Canal – Study of the water samples – Requested – Regarding.

As you are aware, the oil spillage in the Ennore Creek area is a matter of serious concern as it has adversely impacted the local community living in the vicinity, apart from serious impact on biodiversity loss. In order to arrive at a comprehensive solution to the problem, the first step is to estimate the quantity of oil available in the Ennore Creek area, Buckingham Canal, Kosasthalaiyar River and other adjoining water spread areas.

During my telephonic conversation to you regarding the assistance required for analysing the water and sediment samples in the above sites, I request you to kindly assist us in analyzing the water sample collected from the river, drinking water samples from the nearby areas and sediment samples immediately and for a given period of time.

I would also like to inform that the expenses incurred for undertaking the study as well as the consultancy charges will be borne by the Tamil Nadu Pollution Control Board.

[Signature]
16.12.23
For Chairperson

By Speed Post

TAMIL NADU POLLUTION CONTROL BOARD

Proceeding No.T6/TNPCB/F.12753/NCCR/2023 Dated: 20.12.2023

Sub: TNPCB – Oil Spillage in the Ennore Creek, Buckingham Canal & Kosasthalaiyar River – To collect, analyse and study the water & sediment samples in the affected areas – Work Order issued – Regarding.

Ref: Letter No.T6/TNPCB/F.12753/RL/2023 Dated 16.12.2023

On December 4th, cyclone Michaung reached peak intensity as it approached the coast of Tamil Nadu with winds of 110 kilometres per hour (68 mph). Due to incessant rain caused ingress of oil mainly from the storm water drains from the Chennai Petroleum Corporation Ltd, Chennai confluenced with the Buckingham Canal and finally reached the Ennore Creek Area .

TNPC Board vide reference cited requested the National Centre for Coastal Research(NCCR),Chennai to assist in analyzing the water sample collected from the river, drinking water samples from the nearby areas and sediment samples immediately and for a given period of time.

In continuation to the above, the TNPCB is entrusting the work to the NCCR, Chennai involving Dr.K.Ramu, Scientist F along with the TNPCB officials. This work will be monitored by Dr.Rajamanickam, ACEE, TNPCB, Dr.Vasudevan, JCEE, TNPCB and Tmt.Indira Gandhi DEE, TNPCB.

TNPCB officials:

1. Thiru. C.R. Sathishkumar, AEE (Mobile no:9840821401)
2. Thiru. Kesavamoorthy, AEE (Mobile no:8754597795)
3. Thiru. Venkatesh, Environmental Scientist (Mobile no:9487975212)
4. Tmt. Rosina Begum, Environmental Scientist (Mobile no:8508611253)

The expenses of the study will be borne by the Tamil Nadu Pollution Control Board, Chennai.

The receipt of this proceeding shall be acknowledged

Dr. K. Ramu
20/12/2023
Chairperson

To:

The Director,
National Centre for Coastal Research,
NIOT Campus,
Velachery-Tambaram Main Road,
Pallikaranai, Chennai – 600 100.

Copy To:

1. Thiru. C.R. Sathishkumar, Assistant Environmental Engineer
2. Thiru. Kesavamoorthy, Assistant Environmental Engineer
3. Thiru. Venkatesh, Environmental Scientist
4. Tmt. Rosina Begum, Environmental Scientist

**BEFORE THE HON'BLE NATIONAL
GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI.**

Original Application No. 180 of 2023 (SZ)

Tribunal on its own motion SUOMOTU
based on the Visual media titled
Chennai Rains Makkalai Vathaikkum Oil
Companies- Shocking Story - Michaung
Ground Report covered by on VIKATAN TV
Chennai dt.06.12.2023.

Vs.

The District Collector, Chennai District
And Ors.

...Respondents

**REPORT FILED ON BEHALF OF THE
RESPONDENT – TAMIL NADU
POLLUTION CONTROL BOARD**

Advocate for Respondent: TNPCB
Thiru. Sai Sathyajith
Advocate, Chennai.

Date: 21.12.2023