

HARYANA STATE POLLUTION CONTROL BOARD

C-11 Sector-6, Panchkula

Ph – 0172- 577870-73, Fax No. 2581201

E-mail- hspcbho@gmail.com

Website: hspcb.gov.in

NOTICE

This is for the information of all OMCs (Oil Marketing Companies) and all the petrol pumps owners in State of Haryana that Central Pollution Control Board (CPCB) vide its OM dated 07.01.2020 has issued guidelines for setting up of new petrol pumps. Haryana State Pollution Control Board (HSPCB) has circulated the said guidelines to All Deputy Commissioners, Director, Town Country Planning (TCP) and Director, Food, Civil Supply and Consumer Affairs Department of the State.

CPCB, vide its OM dated 29.01.2021 has issued clarification regarding cutoff date for applicability of siting criteria for New Petrol pump which has also been sent to Director, TCP and all DCs for necessary action.

CPCB vide its OM dated 16.08.2021 has issued an addendum to their earlier guidelines dated 07.01.2020 for implementation by concerned stake holders. The said addendum is regarding groundwater and soil quality monitoring near the premises of fuel retail outlets shall be conducted by OMCs once in a year through the labs recognized / approved under Environment (Protection) Act, 1986, or the labs with national/ international accreditation. The monitoring shall be done for those Fuel Retail Outlets which are located within 100 meter from the nearest point of surface water bodies. These shall be applicable to all petrol pumps, regardless of the date of establishment. The copy of the said OM has already been endorsed by CBCB to Chairmen of OMCs including IOCL, BPCL, HPCL Reliance and Essar oil.

All the project proponents of all OMCs and all the petrol pump owners are hereby informed through this Public Notice, to conduct the groundwater and soil quality monitoring as per the guidelines of CPCB issued vide OM dated 07.01.2020 and subsequent addendum issued vide OM dated 16.08.2021 and are directed to submit the reports to respective Regional Offices of HSPCB.

(S.Narayanan,IFS)

Member Secretary



CENTRAL POLLUTION CONTROL BOARD

DELHI 110 032

B-13011/1/2019-20/AQM 10809

January 07, 2020

OFFICE MEMORANDUM

Sub: Guidelines for Setting Up of New Petrol Pumps in Compliance of Hon'ble NGT order dated January 18, 2019 in OA No. 86/2019: Gyanprakash@ Pappu Singh vs Gol & Ors -regarding.

Hon'ble National Green Tribunal, vide order dated January 18, 2019 in OA No. 86/2019: Gyanprakash@ Pappu Singh vs Gol & Ors directed Central Pollution Control Board and MoPNG to look into the issue of setting up of large number of petrol pumps in the country and directed that appropriate guidelines be issued by the Central Pollution Control Board in exercise of statutory power.

An Expert Committee comprising of members from IIT Kanpur, NEERI, IIP, TERI, MoPNG and CPCB was constituted to frame Guidelines for setting up of new Petrol Pumps including siting criteria and pollution prevention and control measures.

The guidelines were placed in public domain and comments/suggestions/objections were invited from public and concern stakeholder and these were reviewed and guideline have been finalised

The final Guidelines prepared by Expert Committee are hereby circulated for implementation by concerned stakeholders. These guidelines are hereby issued with the approval of the Competent Authority.

(V.K. Shukla)

Additional Director, AQM Div.

Encl.: As Above

To

1. As per List Enclosed

Handwritten initials/signature in the bottom right corner.

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 MS ATMS-2597 287
 13/01/2020

List of Stakeholders

1. The Member Secretary Andhra Pradesh State Pollution Control Board D. No.33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chaitanya Street, Kasaribajpet, Vijayavada-520010	2. The Member Secretary Arunachal Pradesh State Pollution Control Board 'Paryavaran Bhawan', Yupla Road, Pappu Naila, Naharigan - 791110 Arunachal Pradesh
3. The Member Secretary Assam State Pollution Control Board Bamunimaidan, Guwahati - 781021 Assam	4. The Member Secretary Bihar State Pollution Control Board Parivesh Bhawan, Plot No N-B/2, Patliputra Industrial Area Patna-800023
5. The Member Secretary Chhattisgarh Environment Conservation Board Paryavaran Bhawan, North Block Sector-10 Naya Raipur - 492 099 Chhattisgarh	6. The Member Secretary Goa State Pollution Control Board Nr. Pileme Industrial Estate, Opp. Saffron Seminary, Saligao - Bardax Goa - 403511
7. The Member Secretary Gujarat State Pollution Control Board Sector 10-A, Gandhi Nagar - 382043 Gujarat	8. The Member Secretary Haryana State Pollution Control Board C-11, Sector 6, Panchkula, Haryana 134109 Haryana
9. The Member Secretary Himachal Pradesh State Pollution Control Board Paryavaran Bhawan, Phase III, New Shimla - 171009 Himachal Pradesh	10. The Member Secretary J&K State Pollution Control Board, Parivesh Bhawan, Forest Complex, Gladni, Narwal, transport Nagar, Jammu (J&K)
11. The Member Secretary Jharkhand State Pollution Control Board T.A Building, HCC Campus, P.O. Dhanwa Ranchi - 834004 Jharkhand	12. The Member Secretary Karnataka State Pollution Control Board Parivara Bhawan, 4 th & 5 th floors Church Street, Bangalore - 560 001 Karnataka
13. The Member Secretary Kerala State Pollution Control Board Pamundu Junction, Pattam Palace P.O. Thiruvananthapuram: 695004 Kerala	14. The Member Secretary Maharashtra State Pollution Control Board Kalpataru Park, 3 rd & 4 th floors Sion Munghe Scheme Road, No. 6 Opp. Cine Planet, Sion Circle, Sion (E), Mumbai 400 022, Maharashtra
15. The Member Secretary Madhya Pradesh State Pollution Control Board Paryavaran Pariser, E-3 Arera Colony Bhopal 462016 Madhya Pradesh	16. The Member Secretary Manipur State Pollution Control Board Lamphepat, Imphal West D.C. Office Complex - 795004 Manipur
17. The Member Secretary Meghalaya State Pollution Control Board Arden, Lumpyngngad, Shillong - 793014 Meghalaya	18. The Member Secretary Mizoram State Pollution Control Board New Secretariat Complex, Khasi, Tlanmual Peng, Aizawl Mizoram 796001
19. The Member Secretary Nagaland State Pollution Control Board Signal Point, Dimapur. Nagaland - 797112 Nagaland	20. The Member Secretary Odisha State Pollution Control Board Parivesh Bhawan A-118, Nilakanta Nagar, Unit VIII, Bhubaneswar 751012 Odisha
21. The Member Secretary Punjab State Pollution Control Board Nehru Road, ITI Rd, Adarsh Nagar, Freen Nagar, Patiala - 147001 Punjab	22. The Member Secretary Rajasthan State Pollution Control Board A-4 Institutional Area, Jhalane Dungri Jaipur - 302004 Rajasthan
23. The Member Secretary Sikkim State Pollution Control Board State Land Use & Environment Cell Govt. of Sikkim, Deorail, Gangtok, Sikkim	24. The Member Secretary Tamil Nadu State Pollution Control Board No. 76, Mount Salai, Guindy, Chennai - 600032, Tamil Nadu

13/01/2020
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 SEE (BIT)
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 16/01/2020
 BY EPCWB
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25.	The Member Secretary Telangana State Pollution Control Board Paryavaran Bhavan A-3, Industrial Estate, Sanath Nagar, Hyderabad - 500 018 Telangana	26.	The Member Secretary Tripura State Pollution Control Board Parivesh Bhawan Pt. Nehru Complex, Gorkhabari P.O., Kunjaban, Agartala, West Tripura - 799 006 Tripura
27.	The Member Secretary Uttarakhand Environment Protection & Pollution Control Board 29/20, Nemi Road, Dehradun - 248001 Uttarakhand	28.	The Member Secretary Uttar Pradesh State Pollution Control Board 3 rd floor, PICUP Bhavan, Vishnu Khand, Gumi Nagar, Lucknow - 226010 Uttar Pradesh
29.	The Member Secretary West Bengal State Pollution Control Board Paribesh Bhavan Building, No. 10-A, Block LA, Sector 3, Salt Lake City, Kolkata - 700 091, West Bengal	30.	The Member Secretary Delhi Pollution Control Committee, Government of N.C.T. Delhi 4th Floor, ISBT Building, Kashmir Gate, Delhi-110006
31.	The Member Secretary Andaman & Nicobar Islands Pollution Control Committee, Department of Science & Technology, Dollyganj Van, Sadan, Haddo P.O., Port Blair 744102	32.	The Member Secretary Chandigarh Pollution Control Committee, Paryavaran Bhawan, Ground Floor, Sector 19 B Madhya Marg, Chandigarh
33.	Member Secretary Daman, Diu & Dadra Nagar Haveli Pollution Control Committee, Office of the Deputy Conservator of Forests, Moti Daman, Daman - 396220	34.	Member Secretary Lakshadweep Pollution Control Committee, Department of Science, Technology & Environment, Kavaratti-687555
35.	Member Secretary Pondicherry Pollution Control Committee, Housing Board Complex, Anna Nagar, Pondicherry-600 005	36.	Joint Secretary (Marketing) Ministry of Petroleum and Natural Gas, Govt. of India Shastri Bhawan, New Delhi - 110001
37.	Chief Controller of Explosives Petroleum and Explosive Safety Organization (PESO) A Block CGO Complex Fifth Floor Seminary Hills Nagpur-(Maharashtra)-440006	38.	Director Legal Metrology Ministry of Consumer Affairs, Food and Public Distribution Deptt. of Consumer Affairs, Room No.461-A, Krishi Bhawan, New Delhi - 110 001
39.	The Chairman, M/s. Bharat Petroleum Corporation Limited Bharat Bhawan, 4 and 6 Currimbhoy Road Ballard Estate, Mumbai 400 001	40.	The Chairman, M/s. Hindustan Petroleum Corporation Limited Petroleum House, 17, Janshodh, Taxis Road, Mumbai Maharashtra 400020
41.	The Chairman: M/s. Indian Oil Corporation Limited India Oil Bhawan, G9, Ali Yavar Jung Marg Bandra East, Mumbai, Maharashtra 400 051	42.	The Chairman and Managing Director, M/s. Shell India Pvt. Ltd, Plot No. 7, Bangalore Hardware Park, Devanahalli Industrial Park Mahadeva Kodigehalli Bangalore- 562 149, Karnataka
43.	The Chairman and Managing Director, M/s Reliance Industries Limited, Maker Chambers - IV Nariman Point Mumbai 400 021	44.	Chairman M/s. Nayara Energy Limited (Formerly Essar Oil Limited) 5th Floor, Jet Airways Godrej BKC, Plot No. C-68, G Block Bandra Kurla Complex, Bandra East Mumbai- 400 051
45.	General Manager (International Trade), Mangalore Refinery and Petrochemicals Limited, Core - 8, 7th Floor, Scope Complex, Lodhi Road, New Delhi - 110003		

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GUIDELINES FOR SETTING UP OF NEW PETROL PUMPS

- A. Containment and treatment of spillages from fuel filling operations at petrol pumps:
1. Petrol pumps located in areas with high groundwater table i.e. groundwater levels less than 04 meters shall have secondary containment by way of double walled tanks or concrete protection walls so as to minimize groundwater and soil contamination. It shall be the responsibility of OMC to properly get measured groundwater level at the site of proposed petrol pump and ensure implementation of these adequate protection measures for such sites. Details of measures taken by Oil Marketing Company shall be placed in public domain and in case of contradictory view, view of State/ Central Ground Water Board/ Authority will prevail.
 2. All new retail outlets shall have underground tanks/ above ground tank and its ancillary components such as pipes, flexible connectors, pumps, fittings etc. protected from leaks due to corrosion by adopting materials (HDPE/ Mild Steel etc.) with required protective coating, as applicable, duly approved by PESO.
 3. Any major leakage/ spillage of Petrol, Diesel, Lube Oil (more than 1 barrel-165 litres) occurs at fueling station, concerned OMC shall report to State Pollution Control Board, PESO and District Administration under intimation to CPCB within 24 hours of occurrence.

Operation of concerned underground storage tank (UST) and its ancillary components shall be stopped immediately and not be resumed till corrective measures to contain and stop leakage/ spillages are implemented to the satisfaction of PESO and concerned SPCB.

OMCs will be held liable for Environmental Compensation (imposed by SPCBs/PCCs) and assessment of environmental damage (depending on extent of contamination in soil and groundwater) and site remediation. Consultant/ Expert agency appointed by OMCs for damage assessment and site remediation shall have minimum national/ international experience of 5 years in this field. Various approved methods shall be considered for cleaning underground contaminants.

4. All DUs shall have Auto Cut off Nozzles which shuts dispensation of fuel if its level in customer fuel tank reaches full capacity.
5. Breakaways to be installed for all the hoses of dispensing units to reduce spillage in the event of customer vehicles moves away with nozzle still in the fueling position.

6. Single/ double plane swivel with breakaway coupling shall be installed for all the dispensing units for better positioning of nozzle while refueling so that it does not fall off accidentally.
 7. In pressurized dispensation, all dispensing units shall be installed with shear valves to cut the fuel flow from pipe line immediately upon accidental knocking of dispensing units from its position.
 8. In pressurized system all Submersible Turbine Pumps (STPs) are to installed with line leak detectors and in the event of pipeline leaks STPs shall stop pumping fuel from underground tanks.
 9. Emergency stop button switch shall be provided on the Multi-Product Dispenser (MPD) to stop the dispensation in case of emergency.
 10. Automation system shall be installed at all new retail outlets to alert in case of tank leak by way of auto gauging system approved by PESO.
 11. All Retail Outlets shall provide overfill alarm through automation.
 12. Measures for spill containment in fill point chambers and forecourt area shall be implemented as prescribed by PESO.
- B. Check on leakages (Leakage Detection System) from underground storage tanks so as to prevent groundwater and soil contamination:**
1. All new retail outlets will have automation system installed which will provide reports on volume balance after every day operation and records shall be maintained.
 2. Manual gauging shall be done once in a month and compare the same with Automatic Tank Gauging for accuracy.
 3. Daily MS and HSD loss shall not exceed MoPNG prescribed limits. In case of leakage beyond such limits, matter shall be got analyzed by OMCs and further action shall be taken for ascertaining the reasons of losses. In case of leakage resulting in soil / groundwater contamination:
 - a. Concerned OMC shall report to State Pollution Control Board, PESO and District Administration under intimation to CPCB within 24 hours of occurrence. Operation of such underground storage tank (UST) and its ancillary components shall be stopped immediately.
 - b. Fuel shall be removed immediately from underground storage tank to prevent further release to environment. Measures to prevent explosion due to vapors released due to leakage as recommended by PESO shall be implemented immediately.

- c. OMCs will be held liable for Environmental Compensation (imposed by SPCBs/PCCs) and assessment of environmental damage (depending on extent of contamination in soil and groundwater) and site remediation. Consultant/ Expert agency appointed by OMCs for damage assessment and site remediation shall have minimum national/ international experience of 05 years in this field. Various approved methods shall be considered for cleaning underground contaminants.
- d. Operation of Underground tank and its ancillary components shall not be resumed till corrective measures to contain and stop leakages are implemented to the satisfaction of PESO and concerned SPCB.

4. All underground tanks and pipelines shall be subjected to test for leaks every 7 years.

C. Policy towards Treatment and disposal of sludge removed from underground tanks during cleaning:

Sludge shall be collected, stored and disposed as per Rule 8 of Hazardous Waste (Management and Transboundary) Rules, 2016 and amendments thereof and records shall be maintained.

D. Installation, Operation and maintenance of Vapour Recovery System:

1. All new retail outlets set up with sale potential of 300KL MS per month and setting up in cities with population more than 1 lakh will be provided with VRS. VRS should be functional by the time of sale of MS touch 300 KL. In case of failure of installation of VRS, Environment Compensation will be levied by SPCBs/ PCCs equivalent to the cost of VRS and this will further increase proportionate to the period of non-compliance.
2. Any new retail outlet set up in cities having population more than 10 lakh and having sale potential of 100 KL MS per month will be provided with VRS. VRS should be installed within a period 03 months from the day of sale of MS touch 100 KL. In case of failure of installation of VRS, Environment Compensation will be levied by SPCBs/ PCCs equivalent to the cost of VRS and this will further increase proportionate to the period of non-compliance.
3. In case of Stage II VRS, nozzle shall be provided with flexible cover flap or other alternative system for proper covering of filling tank and therefore proper recovery of vapors.
4. OMCs are responsible for maintaining installed VRS. They have to maintain periodic inspections for AVL regulator as prescribed by Legal Metrology. Proper record shall be maintained.

5. Working of dispenser shall be interlinked with VRS functioning. Online system shall be developed within 06 months to monitor status of operation of VRS. In case of non-operation of VRS, the same shall be automatically reported to concerned OMC. VRS shall be brought into operation immediately within 24 hrs and in any case within 72 hrs failing which sale of MS shall be stopped from the fueling station. Proper records of operation of VRS shall be maintained.
6. Work zone monitoring for Total VOC and Benzene shall be conducted by OMCs for petrol pumps selling more than 300 KL/ month and more than 10 lakh population (in first phase) by E(P)Act, 1986 approved labs once in a year to check compliance with OSHA norms (Time-Weighted Average) and report shall be submitted to SPCB. In addition, pilot study shall be conducted by OMCs through expert institutions for online monitoring of VOCs.
- E. Ground water and soil quality monitoring within petrol pump selling more than 300 KL/ month and more than 10 lakh population shall be conducted by OMCs once in two years through E(P)Act, 1986 approved labs for the following parameters from the nearest source and report submitted to SPCB:

Permissible Limit

Sr.No.	Parameter	Permissible Limit
1.	Total petroleum hydrocarbons	600 μ g/l
2.	BTEX	i. Benzene- 950 μ g/l ii. Toluene- 300 μ g/l iii. Xylenes- a. o-xylene- 350 μ g/l b. m & p- xylene- 200 μ g/l
3.	Ethanol	1400 μ g/l
4.	Methyl Tertiary Butyl Ether	13 μ g/l
5.	PAH	0.0001 μ g/l

Enforcement agencies including SPCB can collect samples in and around petrol pump to check contamination.

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F. Measures for protection of Worker's Health

1. All workers engaged at retail outlets may be covered under ESI. OMC dealers shall implement the personal protective equipment (PPE) as per labor laws.
2. IEC (Information Education Communication) activities should be organized by OMC dealers for workers at regular intervals in order to sensitize them about harmful impacts of VOC emissions.

G. Audit of all protection measures and monitoring system implemented at petrol pumps:

- PESO shall conduct audit of tanks and fuel equipment including pipes, overfill protection equipment and alarm system on annual basis and maintain records.

H. Siting criteria of Retail Outlets:

In case of siting criteria for petrol pumps new Retail Outlets shall not be located within a radial distance of 50 meters (from fill point/ dispensing units/ vent pipe whichever is nearest) from schools, hospitals (10 beds and above) and residential areas designated as per local laws. In case of constraints in providing 50 meters distance, the retail outlet shall implement additional safety measures as prescribed by PESO. In no case the distance between new retail outlet from schools, hospitals (10 beds and above) and residential area designated as per local laws shall be less than 30 meters. No high tension line shall pass over the retail outlet.

These guidelines are supplementary to all existing relevant Rules, Guidelines, Orders etc.

Item No. 06

Court No. 1

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

Original Application No. 86/2019

Gyanprakash @ Pappu Singh

Applicant(s)

Versus

Union of India & Ors.

Respondent(s)

Date of hearing: 18.01.2019

CORAM: HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON
HON'BLE MR. JUSTICE S.P. WANGDI, JUDICIAL MEMBER
HON'BLE MR. JUSTICE K. KAMAKRISHNAN, JUDICIAL MEMBER
HON'BLE DR. MAGIN NANDA, EXPERT MEMBER

For Applicant(s):
For Respondent(s):

ORDER

The issue raised in this application is to limit number of petrol pumps so as to avoid adverse impact on the environment.

The applicant has referred to news item dated 24.12.2018 in 'Live Mint' under the heading "Indian Oil, HP and BP's plan to open 80,000 petrol pumps hits land hurdle" to submit that large number of petrol pumps are being opened without any concern for environment and without any guideline about sustainability of such large number of petrol pumps.

Reference has been made to the guidelines issued by Indian Road Congress "General Conditions of Siting" laying down distance from the highways and distance between the two fuel stations. Photographs of unregistered and indigenously assembled vehicles have also been filed, with further averments that such vehicles create air pollution and safety hazardous.

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DA 56334
2019
K. Ramakrishnan
Gadgaik
4/27

We are of the view that matter needs to be looked into by a Joint Committee of representatives of the Central Pollution Control Board and the Ministry of Petroleum. The CPCB will be the nodal agency. The first meeting of the Committee may be held within one month and on review of the subject matter, appropriate guidelines be issued by the Central Pollution Control Board, in exercise of its statutory power within three months thereafter.

The Central Pollution Control Board may furnish an action taken report to the Tribunal by email at ngi.filing@gmail.com on or before 30th April, 2019.

The application is disposed of.

Put up the report for consideration on 05.07.2019

Adarsh Kumar Goel, CP

S.P. Wangdi, JM

K. Ramakrishnan, JM

Dr. Nagin Nanda, EM

January 18, 2019
Original Application No. 86/2019
JG



CENTRAL POLLUTION CONTROL BOARD

DELHI 110032

B-13011/1/2020-21/AQM

5448

January 29, 2021

OFFICE MEMORANDUM

Sub: Clarification with regard to cut-off date for applicability of siting criteria referred in Guidelines for Setting Up of New Petrol Pumps dated 07.01.2020

This is in reference to guidelines issued by CPCB on 07.01.2020 for setting up of new petrol pumps indicating the siting criteria to be got implemented for new Retail Outlets.

References/cases have been received with regard to applicability of CPCB siting criteria dated 07.01.2020, in case of Retail Outlets where Letter of Intents (LoIs) have been issued or applications have been made for obtaining NOC or prior clearance/ initial approval has been obtained from PESO.

In this regard, it is clarified that the siting criteria for new Retail Outlets is to be complied with in cases where construction of Retail Outlets by Oil Marketing Companies commenced on or after 07.01.2020. In other words, the siting criteria will not apply to those cases where PESO prior clearance/ initial approval has been obtained and subsequently construction has been started by the OMC before 07.01.2020.

This is issued with the approval of Competent Authority.

(P. K. Gupta)

Additional Director and Head
AQM division

To:

1. All SPCBs/PCCs - *With a request to circulate to Commissioner of civil supplies or other similar authorities who look after issues related to fuel Retail Outlets at State level and District Collectors*
(As per list enclosed)
2. Ministry of Petroleum And Natural Gas
Joint Secretary (Marketing)
Ministry of Petroleum and Natural Gas, Govt. of India
Shastri Bhavan,
New Delhi - 110001

54857/2021 Planning Cell-HSPCB
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3. Petroleum And Explosives Safety Organisation
Chief Controller of Explosives
Petroleum and Explosive Safety Organization (PESO)
A Block CGO Complex Fifth Floor Seminary Hills
Nagpur-(Maharashtra) -440006
4. The Chairman,
M/s. Bharat Petroleum Corporation Limited
Bharat Bhavan, 4 and 6 Currimbhoy Road
Ballard Estate, Mumbai 400 001
5. The Chairman,
M/s. Hindustan Petroleum Corporation Limited
Petroleum House, 17, Jamshedji Tata Road, Mumbai
Maharashtra 400020
6. The Chairman,
M/s. Indian Oil Corporation Limited
Indian Oil Bhawan, 09, Ali Yavar Jung Marg
Bandra East, Mumbai, Maharashtra 400 051
7. General Manager (International Trade),
Mangalore Refinery and Petrochemicals Limited,
Core - 8, 7th Floor,
Scope Complex, Lodhi Road,
New Delhi - 110003
8. The Chairman and Managing Director,
M/s. Shell India Pvt. Ltd.
Plot No. 7, Bangalore Hardware Park,
Devanahalli Industrial Park
Mahadeva Kodigehalli
Bangalore- 562 149, Karnataka.
9. The Chairman and Managing Director,
M/s Reliance Industries Limited,
Maker Chambers - IV
Nariman Point
Mumbai 400 021
10. Chairman
M/s. Nayara Energy Limited (Formerly Essar Oil Limited)
5th Floor, Jet Airways Godrej BKC,
Plot No. C-68, G Block
Bandra Kuria Complex, Bandra East
Mumbai- 450 051

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Copy to:

1. Regional Director
Regional Directorate, Bhopal
Third Floor Sahkar Bhawan
North T T Nagar
Bhopal 462003
2. Regional Director
Regional Directorate Bengaluru
A-Block, Nisarga Bhawan,
1st and 2nd Floors, 7th D Cross,
Thimmesah Road, Shivnagar,
Bengaluru-560079
3. Regional Director
Regional Directorate, Chennai
No. 76, Mount Salai,
Guindy, Chennai-600032
4. Regional Director
Regional Directorate Kolkata
South end Conclave Block-502, 5th and 6th Floor,
1582, Razidanga, Main Road,
Kolkata-700107
5. Regional Director
Regional Directorate, Lucknow
PICUP Bhawan
Vibhuti Khand, Gomti Nagar
Lucknow - 226 010
6. Regional Director
Regional Directorate, Shillong
TUM-SIR, Lower Motinagar,
Near Fire Brigade H.Q., Shillong-793014
7. Regional Director
Regional Directorate, Vadodra
Parivesh Bhawan, Opp. Ward No. 10
VMC Office Subhanpura, Vadodra - 390 023
8. Regional Director
Regional Directorate, Pune
Row House No. 1, Nisarg Vihar,
Balewadi, Pune -411045

854857/2021/Planning Cell-HSPCB

List of SPCBs/ PCCs

1.	The Member Secretary Andhra Pradesh State Pollution Control Board D. No.13-26-14 D/2, Near Sreevastu Hospital, Pushpa Hotel Complex, Chalawa Street, Kasturbaipet, Vijayawada-520016	3.	The Member Secretary Arunachal Pradesh State Pollution Control Board 'Paryavaran Bhawan', Yulia Road, Pappu Nallah, Noharlagun - 791110 Arunachal Pradesh
3.	The Member Secretary Assam State Pollution Control Board Bansari Maidan, Guwahati - 781021 Assam	4.	The Member Secretary Bihar State Pollution Control Board Parvash Bhawan, Plot No. N-B/2, Patliputra Industrial Area Patna-800023
5.	The Member Secretary Chandigarh Environment Conservation Board Paryavaran Bhawan, North Block Section - 5 Naya Raipur - 422 009 Chandigarh	6.	The Member Secretary Goa State Pollution Control Board Nr. Pizern Industrial Estate, Ory. Sakligo Seminary, Saligro - Gordic Goa - 403511
7.	The Member Secretary Gujarat State Pollution Control Board Sector -10-A, Gandhi Nagar - 382041 Gujarat	8.	The Member Secretary Haryana State Pollution Control Board C-11, Sector 6, Panchkula, Haryana - 131009 Haryana
9.	The Member Secretary Jharkhand State Pollution Control Board Paryavaran Bhawan, Phase III, New Shiesla - 151009 Jharkhand	10.	The Member Secretary J&K State Pollution Control Board, Parvash Bhawan, Forest Complex, Gidderi, National Transport Nagar, Jammu (J&K)
11.	The Member Secretary Jharkhand State Pollution Control Board T.A Building, HEC Campus, P.O. Dhanwa Ranchi - 834004 Jharkhand	12.	The Member Secretary Karnataka State Pollution Control Board Parivash Bhawan, 4 th & 5 th floors Church Street, Bangalore - 560 001 Karnataka
12.	The Member Secretary Kerala State Pollution Control Board Flamouada Junction, Pattam Palack P.O. Chiruvanchathapuram - 695004 Kerala	14.	The Member Secretary Maharashtra State Pollution Control Board Kalpataru Point, 3 rd & 4 th floors Sion, Mafinga Sehwala Road No. 6 Ory. Cive Planet, Sion Circle, Sion (E), Mumbai 400 002, Maharashtra
13.	The Member Secretary Madhya Pradesh State Pollution Control Board Paryavaran Parvat, E-3 Arata Colony Bhopal - 462019 Madhya Pradesh	15.	The Member Secretary Manipur State Pollution Control Board Lamphalpat, Imphal West C.C. Office Complex - 795004 Manipur
17.	The Member Secretary Meghalaya State Pollution Control Board Arden, Lumphingrad, Shillong - 793014 Meghalaya	18.	The Member Secretary Mizoram State Pollution Control Board New Secretariat Complex, Khasi, Taintual Peng, Aizawl Mizoram 795001
19.	The Member Secretary Nagaland State Pollution Control Board Signal Point, Dimapur, Nagaland - 797112 Nagaland	20.	The Member Secretary Odisha State Pollution Control Board Parivash Bhawan A-113, Nilakanth Nagar, Unit - VIII, Bhubaneswar - 751012 Odisha
21.	The Member Secretary Punjab State Pollution Control Board Nabha Road, ITI Rd, Adarsh Nagar, Preet Nagar, Patiala - 147001 Punjab	22.	The Member Secretary Rajasthan State Pollution Control Board A-4 Institutional Area, Jhalani Durgri Jaipur - 302004 Rajasthan

23.	The Member Secretary Sikkim State Pollution Control Board State Land Use & Environment Cell Govt. of Sikkim, Deorali, Gangtok, Sikkim	24.	The Member Secretary Tamil Nadu State Pollution Control Board No. 76, Mount Salai, Guindy, Chennai - 600032, Tamil Nadu
25.	The Member Secretary Telangana State Pollution Control Board Paryavaran Bhavan A-3, Industrial Estate, Sanath Nagar, Hyderabad - 500015 Telangana	26.	The Member Secretary Tripura State Pollution Control Board Parvash Bhawan Pt. Nehru Complex, Gorkhabasti P.O., Kunjaban, Agartala, West Tripura - 799 006 Tripura
27.	The Member Secretary Uttarakhand Environmental Protection & Pollution Control Board 29/20, Nani Road, Dehradun - 248001 Uttarakhand	28.	The Member Secretary Uttar Pradesh State Pollution Control Board 3rd Floor, PICUP Bhawan, Vibhuti Khund, Conna Nagar, Lucknow - 226010 Uttar Pradesh
29.	The Member Secretary West Bengal State Pollution Control Board Parvash Bhawan Building, No.10-A, Block -1A, Sector 3, Salt Lake City, Kolkata - 700 091, West Bengal	30.	The Member Secretary Delhi Pollution Control Committee, Government of N.C.T. Delhi 4th Floor, ISBT Building, Kashmere Gate, Delhi-110005
31.	The Member Secretary Andaman & Nicobar Islands Pollution Control Committee, Department of Science & Technology, Dollygunj Vay Sadan, Haddo P.O., Port Blair - 744102	32.	The Member Secretary Chandigarh Pollution Control Committee, Paryavaran Bhawan, Ground Floor, Sector 19 B Mahya Marg, Chandigarh
33.	Member Secretary Daman, Diu & Dadra Nagar Haveli Pollution Control Committee, Office of the Deputy Conservator of Forests, Mori Daman, Daman - 395720	34.	Member Secretary Lakshadweep Pollution Control Committee, Department of Science, Technology & Environment, Kavaratti-682553
35.	Member Secretary Pondicherry Pollution Control Committee, Housing Board Complex, Anna Nagar, Pondicherry-605 003		



B-13011/1/2019-20/AQM 4976

August 16, 2021

OFFICE MEMORANDUM

Sub: Addendum to the Guidelines for Setting Up of New Petrol Pumps issued on January 07, 2020 -regarding.

CPCB in compliance of the Hon'ble National Green Tribunal order dated January 18, 2019 in O.A. No. 86/2019. Gyanprakash @ Pappu Singh Vs Uoi & Ors. Issued guidelines for Setting Up of New Petrol Pumps vide O.M. No. B-13011/1/2019-20/AQM/10809 dated January 07, 2020.

Hon'ble NGT vide further orders dated 23.07.2020 and 09.10.2020, in the matter of Suresh Mandaloi Vs. State of M.P & Ors (O.A. No. 61 of 2019 (CZ)), directed MoEF&CC and CPCB to submit a report with regard to the minimum distance from water bodies to the petrol pump.

The matter was referred to the Expert Committee and the draft guidelines for implementation in case of petrol pumps near water bodies were prepared. The guidelines also specify the groundwater and soil sampling protocol, frequency of sample collection and the prescribed parameters and screening values to be adopted. The same monitoring protocol and parameters/ values (except for monitoring frequency) need to be adopted for petrol pumps covered under the guidelines dated January 07, 2020.

These draft guidelines were placed in public domain for seeking comments/suggestions from public and concerned stakeholders. These were reviewed by the Expert Committee and the guidelines have been finalised and are hereby issued as addendum to the earlier CPCB Guidelines dated January 07, 2020 for implementation by concerned stakeholders.

This issues with the approval of the Competent Authority.

(P.K. Gupta)

Additional Director & Divisional Head
AQM Div

Encl.: As Above

To

1. All SPCBs/ PCCs
(As per list enclosed)

with a request to circulate to Commissioner of civil supplies or other similar authorities who look after issues related to petrol pumps at State/ UT level and District Collectors/ Commissioners /Deputy Commissioners.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel - 43102030 22305792 वेबसाइट/Website : www.cpcb.nic.in

List of Stakeholders

1	The Member Secretary Andhra Pradesh State Pollution Control Board D. No.33-26-14D/2, Near Sunrise Hospital, Pratiba Hotel Centre, Chalmari Street, Kasurbaipet, Vijayavada-520010	2	The Member Secretary Arunachal Pradesh State Pollution Control Board 'ParyavaranBhawan', Yugla Road, PappuNallah, Naharligon - 791110 Arunachal Pradesh
3	The Member Secretary Assam State Pollution Control Board Bamunimaidan, Guwahati - 781021 Assam	4	The Member Secretary Bihar State Pollution Control Board Parivesh Bhawan, Plot No.N-B/2, Patliputra Industrial Area Patna-800023
5	The Member Secretary Chhattisgarh Environment Conservation Board Paryavaran Bhawan, North Block Sector-19 NayaRaipur - 492 099 Chhattisgarh	6	The Member Secretary Goa State Pollution Control Board Nr. Pillerie Industrial Estate, Opp. Saligao Seminary, Saligao - Bardez Goa - 403511
7	The Member Secretary Gujarat State Pollution Control Board Sector 10-A, Gandhi Nagar - 382043 Gujarat	8	The Member Secretary Haryana State Pollution Control Board C-11, Sector 6, Patelkula, Haryana 134109 Haryana
9	The Member Secretary Himachal Pradesh State Pollution Control Board ParyavaranBhawan, Phase III, New Shimla - 171009 Himachal Pradesh	10	The Member Secretary J&K State Pollution Control Board, Parivesh Bhawan, Forest Complex, Gladni, Narwal, transport Nagar, Jammu (J&K)
11	The Member Secretary Jharkhand State Pollution Control Board T.A Building, HEC Campus, P.O. Dhurva Ranchi - 834004 Jharkhand	12	The Member Secretary Karnataka State Pollution Control Board ParivaraBhawan, 4 th & 5 th floors Church Street, Bangalore - 560 001 Karnataka
13	The Member Secretary Kerala State Pollution Control Board Plattodeu Junction, Pattam Palace P.O Thiruvananthapuram - 695004 Kerala	14	The Member Secretary Maharashtra State Pollution Control Board Kalptaru Point, 3 rd & 4 th floors Sun Manuqa Scheme Road No. 6 Opp. Cine Planet, Sion Circle, Sion (E), Mumbai 400 022, Maharashtra
15	The Member Secretary Madhya Pradesh State Pollution Control Board ParyavaranParisar, E-5 Area Colony Bhopal - 462016 Madhya Pradesh	16	The Member Secretary Manipur State Pollution Control Board Lampheiput, Imphal West B.C. Office Complex - 795004 Manipur
17	The Member Secretary Meghalaya State Pollution Control Board Ardes, Lumpyngriged, Shillong - 793014 Meghalaya	18	The Member Secretary Mizoram State Pollution Control Board New Secretariat Complex, Khatla, Thinnual Peng, Aizawl Mizoram 796001
19	The Member Secretary Nagaland State Pollution Control Board Signal Point, Dimapur, Nagaland - 797112 Nagaland	20	The Member Secretary Odisha State Pollution Control Board Paribesh Bhawan A-118, Nilakanta Nagar, Unit -VIII, Bhubaneswar - 751012 Odisha
21	The Member Secretary Punjab State Pollution Control Board Nabha Road, ITI Rd, Adarsh Nagar, Prem Nagar, Patiala - 147001, Punjab	22	The Member Secretary Rajasthan State Pollution Control Board A-4 Institutional Area, JhalanaDungri Jaipur - 302004, Rajasthan

23.	The Member Secretary Sikkim State Pollution Control Board State Land Use & Environment Cell Govt. of Sikkim, Deorali, Gangtok Sikkim	24.	The Member Secretary Tamil Nadu State Pollution Control Board No. 76, Mount Satalai, Guindy, Chennai - 600032 Tamil Nadu
25.	The Member Secretary Telangana State Pollution Control Board Paryavaran Bhavan A-3, Industrial Estate, Sanath Nagar, Hyderabad - 500 018 Telangana	26.	The Member Secretary Tripura State Pollution Control Board Parivesh Bhawan Pt. Nehru Complex, Gorkhabasti P.O., Kunjaban, Agartala, West Tripura - 799 006 Tripura
27.	The Member Secretary Uttarakhand Environment Protection & Pollution Control Board 29/20, Nemi Road, Dehradun - 248001 Uttarakhand	28.	The Member Secretary Uttar Pradesh State Pollution Control Board 3 rd floor, PICUP Bhavan, VibhutiKhand, Gomi Nagar, Lucknow - 226010 Uttar Pradesh
29.	The Member Secretary West Bengal State Pollution Control Board Paribesh Bhavan Building, No. 10-A, Block -LA, Sector 3, Salt Lake City, Kolkata - 700 091, West Bengal	30.	The Member Secretary Delhi Pollution Control Committee, Government of N.C.T. Delhi 4th Floor, JSBT Building, Kashmere Gate, Delhi - 110006
31.	The Member Secretary Andaman & Nicobar Islands Pollution Control Committee, Department of Science & Technology, Dollygunj Van Sadan, Haddo P.O., Port Blair - 744102	32.	The Member Secretary Chandigarh Pollution Control Committee, Paryavaran Bhawan, Ground Floor, Sector 19 B Mudhya Marg, Chandigarh
33.	Member Secretary Daman, Diu & Dadra Nagar Haveli Pollution Control Committee, Office of the Deputy Conservator of Forests, Moti Daman, Daman - 396220	34.	Member Secretary Lakshadweep Pollution Control Committee, Department of Science, Technology & Environment, Kavaratti-682555
35.	Member Secretary Pondicherry Pollution Control Committee, Housing Board Complex, Anna Nagar, Pondicherry-600 005		---

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2. Joint Secretary (Marketing)
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M/s. Hindustan Petroleum Corporation Limited
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10. The Chairman,
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Copy to:

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Bengaluru-560079
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Parisar E-5, Arera Colony, Bhopal-462016
5. Regional Director
Regional Directorate, Vadodara
Parivesh Bhawan, Opp. Ward No. 10 VMC Office Subhanpura,
Vadodara -390023
6. Regional Director
Regional Directorate, Shillong
"TUM-SIR" Lower Motinagar,
Near Fire Brigade H.Q., Shillong-793014
7. Regional Director
Regional Directorate, Kolkata
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10. Regional Director
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11. PA to CCB
12. AO to MS

ADDENDUM TO GUIDELINES FOR SETTING UP OF NEW PETROL PUMPS

The Hon'ble NGT vide orders dated 23.07.2020 and 09.10.2020, in the matter of Suresh Mandaloi Vs. State of M. P. & Ors. (O.A. No. 61 of 2019 (CZ)), directed MoEF&CC and CPCB to submit a report with regard to the minimum distance from water bodies to the petrol pump.

The matter was subsequently referred to the Expert Committee constituted by CPCB earlier in the matter of guidelines for setting up of new petrol pumps and the following addendum guidelines (to guidelines dated 07.01.2020) have been finalised for implementation in case of petrol pumps near water bodies:

- a) All the surface water bodies irrespective of utility shall be protected from any possible contamination. These include lakes, ponds, streams, rivers, wetlands, canals and creeks, as per revenue records. Retail Outlets shall not be located within a distance of 50 meters from the nearest point of water bodies. In case of streams and rivers, the distance shall be considered from floodway. In case floodway is not defined, the distance shall be considered from firm banks/ edge of river. The siting criterion is to be implemented for all new petrol pumps where construction by OMCs starts post the issuance of these guidelines.
- b) Retail outlets coming within 50 meter to 100 meter from the nearest point of surface water body shall have secondary containment by way of double walled tanks or concrete protection walls around Underground Storage Tank (UST).
- c) Groundwater and soil quality monitoring near the premises of fuel retail outlets shall be conducted by OMCs once a year through E (P) Act, 1986 approved labs or labs with national/international accreditation. The monitoring shall be done for those Fuel Retail Outlets which are located within 100 meter from the nearest point of surface water bodies. These shall be applicable to all petrol pumps, regardless of the date of establishment. In case of any clarification and/or difficulty in obtaining samples for groundwater and soil quality monitoring, OMCs may seek

assistance of local administration/SPCB/PCC/CGWB. Protocol for soil and groundwater monitoring is annexed as Annexure-I.

- d) Groundwater and soil quality monitoring shall also be conducted by OMCs before installation of the new fuel retail outlet, for those retail outlets coming up within 100 meter from the nearest point of surface water bodies

NOTE: These guidelines are supplementary to all existing relevant Rules, Guidelines, Orders, Notifications such as Wetlands (Conservation and Management) Rules, 2017, Coastal Regulation Zone (CRZ) Notification, 2011 etc. The other measures, prescribed in CPCB guidelines for setting up of new petrol pumps dated 07.01.2020, for containment and treatment of spillages, check on leakages from USTs, treatment and disposal of sludge removed from underground tanks during cleaning, measures for protection of workers' health, audit of all protection measures and monitoring system implemented at petrol pumps, shall also apply to the fuel retail outlets falling in the criteria specified above

Monitoring protocol specifying the prescribed parameters and screening values annexed with these guidelines (other than the monitoring frequency), shall also be adopted for those retail outlets where CPCB guidelines dated 07.01.2020 are applicable.

These guidelines shall be reviewed from time to time.

Annexure-I**Protocol for monitoring quality of soil and groundwater near the premises of fuel retail outlets**

Samples of groundwater being used for drinking purposes shall be collected from at least three different directions with reference to the retail outlet. The sampling point should be preferably within 50m distance from the underground storage tank location at the retail outlet. The samples shall be analysed for the following parameters:

Table 1.

Sr. No.	Parameter	Screening Values
1.	Total petroleum hydrocarbons (C ₁₀ -C ₄₀)	0.6mg/L
2.	BTEX	i. Benzene- 0.01mg/L ii. Toluene- 0.7mg/L iii. Xylene-0.5mg/L
3.	Methyl Tertiary Butyl Ether	13µg/l
4.	Total PAH	0.0001mg/l

Further, soil sample shall be collected from a borehole within the premises of the fuel retail outlet adjacent to the Underground Storage Tank (UST) pit. The depth of bore hole should be up to 1m below the bottom of the storage tank level. Soil samples shall be analysed for the following parameters:

Table 2.

Sr. No.	Parameter	Screening Values(mg/kg)
1.	Total petroleum hydrocarbons (TPH)	5000
2.	Benzene	5
3.	Toluene	30
4.	Xylene	50
5.	Methyl Tertiary Butyl Ether	100
6.	Total PAH	40

Ground water and soil quality monitoring shall be conducted by OMCs once a year through E (P) Act, 1986 approved labs or labs with national/international accreditation and the reports are to be submitted to SPCB. The soil monitoring shall be done in first six months while groundwater monitoring shall be done in the next six months.

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In case of exceedance of screening by any parameter, or in case of leakage resulting in soil/groundwater contamination, the measures/steps as prescribed in the guidelines for setting up of petrol pumps dated 07.01.2020 shall be taken up. Assessment and remediation shall be carried out as per the guidelines issued by MoEF&CC and CPCB.