



DLTPL/2021-22/MOEFCC/14

19th Oct 2021

To,
The Additional Principal Chief Conservator of Forest (C)
Ministry of Environment, Forest, and Climate Change
East Regional Office (EZ)
A/3, Chandrasekharapur
Bhubaneswar – 751023
Email: roez.bsr-mef@nic.in

Sub: Half yearly compliance report of Dhamra LNG Terminal, for a period of April 2021-Sep 2021.
Ref: Environmental Clearance transferred/granted to Dhamra LNG Terminal Pvt. Ltd. via letter dated 29 July 2019.

Dear Sir,

With reference to the above subject, compliance report for conditions stipulated in transfer of Environmental Clearance to Dhamra LNG Terminal Pvt. Ltd. via letter dated 29 July 2019 is enclosed herewith.

The half yearly compliance report is for the period of **April 2021 – September 2021**. The same is also emailed to roez.bsr-mef@nic.in.

Sincerely

For **Dhamra LNG Terminal Private Limited**



Satinder Pal Singh
Director

Encl: As above

- CC:**
- (1) The Director (Monitoring-IA-III Division), Ministry of Environment, Forest & Climate Change, Indra Paryavaran Bhavan, Jor Bagh Road, New Delhi-110003
 - (2) Zonal Office, Central Pollution Control Board, Southern Conclave, Block 502, 5th & 6th Floor, 1582, Rajdanga Main Road, Kolkata – 700 107 (W.B)
 - (3) The Member Secretary, State Pollution Control Board, Odisha, Parivesh Bhavan, A/118, Unit 8, Nilakantha Nagar, Nayapalli, Bhubaneswar - 751012
 - (4) The Regional Officer, State Pollution Control Board, Odisha, Plot No. 1602, Ganeshwarpur, Januganj, Balasore- 756019
 - (5) Member Secretary OCZMA & Director, Env-cum-Spl. Secretary to Govt., Forest & Env. Department, Govt. of Odisha, Plot No. 108, Surya Nagar, Unit VII, Bhubaneswar-751003

Dhamra LNG Terminal Private Limited

CIN: U11200GJ2015PTC081996

8th Floor, Aravalli House, At Adani Shantigram, Near Vaishnodevi Circle,

S G Highway, Ahmedabad 382 421, Gujarat, India

Tel +91 79 2656 5555 Fax +91 79 2555 5500

A subsidiary of Adani Total Private Limited



Registered Office: Adani House, Nr Mithakhali Six Roads, Navrangpura, Ahmedabad 380 009, Gujarat, India

Sub: Environmental and CRZ Clearance compliance status as on 30th Sept 2021

Compliance report for conditions stipulated in Environmental and CRZ Clearance to M/s Dhamra LNG Terminal - Transfer of LNG (12 MMTPA) Component - Dated 29 July 2019		
Sr. No.	Conditions	Compliance Status
i	All terms and conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009-IA.III dated 01.01.2014 and amendment to the EC & CRZ Clearance granted vide letter F.No.11-104/2009-IA.III dated 25.03.2015, shall be complied by the project proponent.	This clearance is Environment & CRZ Clearance (Transfer of LNG (12MMTPA) in name of M/s Dhamra LNG Terminal Pvt Ltd. All terms and conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009-IA.III dated 01.01.2014 and amendment to the EC & CRZ Clearance granted vide letter F.No.11-104/2009-IA.III dated 25.03.2015, are covered as a part of this clearance. All conditions, applicable to M/s Dhamra LNG Terminal Pvt Ltd are compiled and its compliance is submitted along with this compliance report.
ii	The facility shall be constructed in accordance with the NFPA 59 A-Standard for the Production, storage and handling of liquefied Natural gas, IOSD-194-Standard for Storage and handling of LNG, EN 1473 - Installation and equipment for LNG - Design of onshore installations and M.B. Lal Committee report.	Noted for compliance.
iii	Precautionary measures shall be put in place to prevent leakage of LNG due to any disasters including tidal/tsunami wave, seismic and other natural calamities, Disaster Management Plan shall put in place to manage emergencies.	Noted for compliance.
iv	Oil Spill Contingency Management Plan along with standard operating procedure (SOP) shall be prepared and demonstrated.	LNG Plant is within Dhamra Port limits. The existing arrangement on Oil Spill Contingency Management Plan of Dhamra Port shall be extended and used for LNG berth also.
v	Online sensor for load monitoring shall be installed, as committed.	Noted for compliance
vi	Temperature sensors, gas detectors, spill detectors shall be installed and monitored to take care of any type of spillage or leakage of the gas from the plant and the trucks for loading and unloading.	Noted for compliance

Compliance report for conditions stipulated in Environmental and CRZ Clearance to M/s Dhamra LNG Terminal - Transfer of LNG (12 MMTPA) Component - Dated 29 July 2019		
vii	SOP for maintenance and operation of the facility should be prepared and implemented in letter and spirit.	Noted for Compliance

The project proponent shall also comply to the following conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009.IA.III dated 01 January 2014 and subsequent Amendment in EC & CRZ Clearance granted vide letter dated 25 March 2015:		
Sr. No.	Conditions	Compliance Status
4. Specific Condition		
i	"Consent for Establishment" shall be obtained from Odisha Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	Consent to Establish obtained vide Letter No. 2387/IND-II-CTE-6135 dated 27.02.2020.
ii	Prior clearance from National Board for Wildlife shall be obtained.	Not Applicable. Earlier this project was under the DPCL Phase II expansion for which later vide EC Letter No F.No.11-104/2009.III dated 25 th March 2015, the EC and CRZ Clearance was transferred to Dhamra LNG Terminal Pvt. Ltd. (DLTPL).
iii	The proponent shall submit undertaking that there shall be no acquisition of grazing/ grave land for the project.	Noted & complied with.
iv	The Regional Office of MoEF may conduct a site visit every year to verify compliance.	Noted.
v	The natural creek and drainage pattern of the area should not be disturbed and the cross drainages passing through cargo stack yards shall be released into settling ponds as committed.	Not Applicable. Earlier this project was under the DPCL Phase II expansion for which later vide EC Letter No F.No.11-104/2009.III dated 25 th March 2015, the EC and CRZ Clearance was transferred to Dhamra LNG Terminal Pvt. Ltd. (DLTPL).
vi	No housing component is permitted in CRZ area i.e. within 500 m from HTL.	Noted for compliance. No housing components are developed in the CRZ area.
vii	The dredging materials shall be at depths 25 m or more up to fill up of 30 cm or less. Initial and final sounding records for depth of the disposal sites and GPS records shall be maintained for vessels carrying out disposal. The disposal shall be carried out	Noted for compliance.

The project proponent shall also comply to the following conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009.IA.III dated 01 January 2014 and subsequent Amendment in EC & CRZ Clearance granted vide letter dated 25 March 2015:

Sr. No.	Conditions	Compliance Status
	in the ebb tides and shall be ensured that water quality (SS less than 500 mg/l is maintained during disposal near the vessel.	
viii	Commitment for all the recommendations provided by OCZMA and NIO for protection of Kanika island and earmark specific amount for the conservation plan. The plan can be prepared in consultation with the OCZMA and forest department.	LNG plant is within Dhamra Port Limits. Dhamra Port Company Limited (DPCL) is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report.
ix	The village forest adjacent to the project site should be developed with tree plantation, in consultation with the revenue department/forest department.	Noted for Compliance. LNG plant is within Dhamra Port Limits. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report.
x	As discussed during the meeting the dumping area should be at the latitude 20° 55.1' and longitude 87° 10.5' in the offshore region.	Noted for Compliance. LNG plant is within Dhamra Port Limits. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report.
xi	All the commitments made during the Public Hearing shall be 'complied with.	Not applicable. LNG plant is within Dhamra Port Limits. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report.
xii	Regular air quality monitoring should be conducted at the site and all the parameters should be within limits.	Complied. Regular air quality monitoring will be done, and report will be submitted to OSPCB and MOEFCC as per the guideline. Ambient air quality monitoring report & Ambient Noise monitoring report for the period Apr'21 to Sept'21 is submitted in Annexure II .
xiii	All the recommendation of the EIA/EMP & Risk Assessment and Disaster Management Report shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be	DLTPL will comply with recommendation of EIA and QRA while preparing the Environment Management Plan and Disaster Management.

The project proponent shall also comply to the following conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009.IA.III dated 01 January 2014 and subsequent Amendment in EC & CRZ Clearance granted vide letter dated 25 March 2015:

Sr. No.	Conditions	Compliance Status
	prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF along with half yearly compliance report to MoEF-RO.	
xiv	All the recommendations and conditions stipulated by Odisha Coastal Zone Management Authority (OCZMA) No. OCZMA-1/2012-13 dated 20.12.2012 shall be complied with.	LNG plant is within Dhamra Port Limits. DPCL is already complying with the condition.
xv	The green belt shall be provided all around the periphery and storage yards	LNG Plant is within Dhamra Port Limits. Green belt is being development by DPCL for the whole port.
xvi	There shall be no ground water withdrawal within CRZ area.	Noted. No ground water is being withdraw within CRZ area.
xvii	Sewage shall be treated, and the Treatment Facility shall be provided in accordance with the Coastal Regulation Zone Notification, 2011. The disposal of treated water shall confirm the regulation of State Pollution Control Board.	Noted for compliance
xviii	Solid Waste Management shall be as per Municipal Solid (Management and Handling) Rules, 2000.	Point Noted. DLTP vision is based on adoption of 5R principle of waste management i.e., Reduce, Reuse, Reprocess, Recycle & Recover. Colour coded waste bins for segregating different category of solid waste will be placed. Biodegradable wastes will be converted to compost Recyclable wastes will be handed over to authorized recyclers.
xix	The project shall be executed in such manner that there shall not be any disturbance to the fishing activity.	Noted for Compliance. LNG plant is within Dhamra Port Limits. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report.
xx	It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.	LNG plant is within Dhamra Port Limits. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report.
xxi	No construction works other than those permitted in Coastal Regulation Zone	Noted for compliance.

The project proponent shall also comply to the following conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009.IA.III dated 01 January 2014 and subsequent Amendment in EC & CRZ Clearance granted vide letter dated 25 March 2015:		
Sr. No.	Conditions	Compliance Status
	Notification shall be carried out in Coastal Regulation Zone area.	
xxii	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	Noted for compliance.
xxiii	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Point Noted. DLTPL will earmark funds for Environment Management Plan during Operation phase and same shall not be diverted for any other purpose.
GENERAL CONDITIONS:		
i	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Noted for compliance. DLTPL shall take appropriate measure while undertaking digging activities.
ii	Full support shall be extended to the officers of this Ministry /Regional Office at Bhubaneswar by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Noted.
iii	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bhubaneswar regarding the implementation of the stipulated conditions.	Noted.
iv	Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary, in the interest of environment and the same shall be complied with.	Noted
v	The Ministry reserves the right to revoke this clearance if any of the conditions	Noted.

The project proponent shall also comply to the following conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009.IA.III dated 01 January 2014 and subsequent Amendment in EC & CRZ Clearance granted vide letter dated 25 March 2015:

Sr. No.	Conditions	Compliance Status
	stipulated are not complied with the satisfaction of the Ministry.	
vi	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.	Noted
vii	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Noted
viii	A copy of the clearance letter shall be marked to concerned Panchayat / local NGO, if any, from whom any suggestion / representation has been made received while processing the proposal.	Complied.
ix	Odisha State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tehsildar's office for 30 days.	-
Conditions stipulated in the amendment dated 25th March, 2015		
i	The port shall ensure that the ships under operation follow the MARPOL Convention regarding discharge or spillage of any toxic, hazardous or polluting material like ballast water, oily water or sludge, sewage, garbage etc.	Noted for Compliance.
ii	Dust screens shall be provided with height of two meter above the stack height. Water sprinkling shall be carried out for settling dust. Three layers of green belt of tall growing trees shall be provided on all sides of the stack area.	Not Applicable. The said condition is coming under the purview of DPCL.

The project proponent shall also comply to the following conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009.IA.III dated 01 January 2014 and subsequent Amendment in EC & CRZ Clearance granted vide letter dated 25 March 2015:

Sr. No.	Conditions	Compliance Status
iii	Transportation of iron ore shall be by covered conduit/closed trucks/rails only. Closed conveyor belt shall be used for unloading the product.	Not Applicable. The said condition is coming under the purview of DPCL. The said condition is coming under the purview of DPCL
iv	Water sprinklers will be provided in the area of ore storage and vehicular path / roads.	Not Applicable. The vehicular path is regularly sprinkled with water. The said condition for ore storage is coming under the purview of DPCL.
v	All the recommendations of EMP and Disaster Management Plan (DMP) shall be complied with.	Noted for compliance
5	These Stipulations would be enforced among others under the provisions of Water (Prevention and control of pollution) Act 1974, the Air (Prevention and control of pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	Noted for compliance
6	All other Statutory clearances such as the approvals for storage of diesel from chief controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted for compliance
7	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environment and CRZ clearance and copies of the clearance letters are available with the Odisha State Pollution Control Board	Complied.

The project proponent shall also comply to the following conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009.IA.III dated 01 January 2014 and subsequent Amendment in EC & CRZ Clearance granted vide letter dated 25 March 2015:

Sr. No.	Conditions	Compliance Status
	and may also be seen on the website of the ministry of Environment and Forests at http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhubaneswar.	
8	This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.	Noted for compliance
9	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
10	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Noted
11	A copy of the clearance letter shall be sent by the proponent to be concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied. Presently website development is under progress. Once developed, status of compliance to the clearance condition will be made available on website.
12	The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Point Noted for Compliance. Presently website development is under progress. Once developed, status of compliance to the clearance condition will be made available on website.

The project proponent shall also comply to the following conditions stipulated in EC & CRZ Clearance granted vide letter F.No.11-104/2009.IA.III dated 01 January 2014 and subsequent Amendment in EC & CRZ Clearance granted vide letter dated 25 March 2015:

Sr. No.	Conditions	Compliance Status
13	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Noted for compliance
14	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of Clearance conditions and shall also be sent to the respective Regional Office of MoEF by e-mail.	Point Noted and to be complied. The Environment Statement shall be uploaded in company website, which is under preparation.
15	This Environmental and CRZ Clearance is valid till 31 December 2021.	Noted and will be renewed within stipulated period.

Compliance report of the condition stipulated in CRZ recommendation for Phase II expansion vide letter dated 20th December 2012 bearing no. OCZMA-1/2012-13/No. 17

S.No	Conditions	Compliance Status
1	The Ballast Water Management has to be scrupulously followed to ensure that no harmful exotic organisms or pathogens are transferred to the coastal/marine water. In this regard, the DPCL should approach the Ministry of Shipping, Govt. of India to evolve a suitable ballast water management plan to maintain the health of the coastal/marine ecosystems	Point Noted. LNG Plant is within Dhamra Port Limits. MARPOL will be followed and will be enforced by DPCL for visiting ships after operation
2	The marine water and sediment (biogeochemical parameters including phytoplankton community structure) should be monitored regularly by a reputed scientific institute/university	Point Noted.
3	One of the objectives of the CRZ guidelines is to ensure the livelihood of the fishermen community vis-à-vis developmental activities. Hence the DPCL should approach the Director, Indian National Centre for Ocean Information Services (INCOIS), Govt. of India, Hyderabad, to get PFZ advisories / installation of Electronic Display Board (EDB) to disseminate the prospective fishing ground information to the fishing community for their livelihoods. The DPCL is also to indicate any change that has occurred in the fishing zone due to operation of the Port.	Noted. LNG plant is within Dhamra Port Limits. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report.
4	The use of unclaimed/salvaged coal for local people may be explored.	Not applicable The said condition is coming under the purview of DPCL.
5	DPCL shall ensure that the dust/fine grained particles of the jetty must be cleaned regularly and methodically so that there is no spillage to the coastal waters to avoid turbidity of the water column.	Not applicable The said condition is coming under the purview of DPCL.

6	The mangrove vegetation around the port should be conserved both during construction and operation phase.	Noted for compliance.
7	Coastal erosion and accretion shall be monitored on a regular basis. The impact of dredging and dumping of the sediment on Dhamra Shoreline change and on the ecologically sensitive areas including the Kanika Sand Islands has to be assessed at regular interval by a recognized institute.	Noted. LNG plant is within Dhamra Port Limits. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report
8	Provision shall be made for treatment/recycle of toxic contents, such as used oil, fertilizers (if any) and similar other toxic materials	Noted for compliance as applicable.
9	Environmental Impact Assessment (EIA) study of dredging material should be done on a regular basis with special emphasis to turbidity.	Noted and to be complied. LNG plant is within Dhamra Port Limits. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report.
10	The DPCL should ensure that the suspended sediments generated during excavation and during disposal of the dredged materials do not adversely affect the health of the coastal ecosystems within the port area including eco-sensitive areas along the coast.	Not Applicable.
11	A conservation plan for Kanika Island will be prepared and implemented by the Forest Department, the cost of which will be met by the DPCL.	Not Applicable. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report
12	Mangrove plantation around the port will be protected by the DPCL under the supervision of the Forest Department.	Noted. DPCL has already taken great efforts for Mangrove conservation around the ports. DLTP will take adequate precautions while construction near mangrove areas.
13	Shoreline Changes in and around Kanika Island shall be monitored on monthly basis	Not Applicable. LNG plant is within Dhamra Port Limits. DPCL is already complying the condition and the compliance for the same is being submitted as a part of their half yearly compliance report.

T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/400
Date : 01.05.2021
Sample Description : Ambient Air Quality
Month of Sampling : April - 2021
Sampling Location : LNG Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.04.2021	64.2	32.1	6.3	20.4	0.52	17.8	BDL	BDL	BDL	BDL	BDL	BDL
05.04.2021	60.8	29.4	6.1	18.5	0.48	14.4	BDL	BDL	BDL	BDL	BDL	BDL
08.04.2021	73.2	36.7	7.3	26.2	0.69	24.3	BDL	BDL	BDL	BDL	BDL	BDL
12.04.2021	69.6	34.8	6.8	23.4	0.61	20.2	BDL	BDL	BDL	BDL	BDL	BDL
15.04.2021	75.7	38.4	7.5	27.3	0.71	25.3	BDL	BDL	BDL	BDL	BDL	BDL
19.04.2021	66.2	31.1	6.5	21.4	0.55	18.3	BDL	BDL	BDL	BDL	BDL	BDL
22.04.2021	68.4	33.5	6.7	22.8	0.64	19.4	BDL	BDL	BDL	BDL	BDL	BDL
26.04.2021	72.8	35.6	7.0	25.1	0.57	21.1	BDL	BDL	BDL	BDL	BDL	BDL
29.04.2021	63.7	29.5	6.2	19.8	0.42	15.6	BDL	BDL	BDL	BDL	BDL	BDL
Average	62.29	33.45	6.71	22.76	0.57	19.60	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. . 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL is Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: *Az*



Mitra S. K. Private Limited

Pp
Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/401
Date : 01.05.2021
Sample Description : Ambient Air Quality
Month of Sampling : April - 2021
Sampling Location : GKE Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.04.2021	80.7	43.2	7.2	26.6	0.74	23.3	BDL	BDL	BDL	BDL	BDL	BDL
05.04.2021	75.6	36.1	6.9	23.3	0.68	20.1	BDL	BDL	BDL	BDL	BDL	BDL
08.04.2021	86.3	47.4	7.7	29.1	0.82	26.8	BDL	BDL	BDL	BDL	BDL	BDL
12.04.2021	66.3	32.1	6.4	20.2	0.57	17.5	BDL	BDL	BDL	BDL	BDL	BDL
15.04.2021	76.1	38.2	6.8	24.5	0.66	21.6	BDL	BDL	BDL	BDL	BDL	BDL
19.04.2021	65.4	34.3	6.3	19.3	0.61	15.5	BDL	BDL	BDL	BDL	BDL	BDL
22.04.2021	78.2	40.5	7.0	25.4	0.70	22.7	BDL	BDL	BDL	BDL	BDL	BDL
26.04.2021	63.2	30.8	6.1	17.3	0.40	14.9	BDL	BDL	BDL	BDL	BDL	BDL
29.04.2021	70.3	33.6	6.7	22.5	0.63	19.8	BDL	BDL	BDL	BDL	BDL	BDL
Average	73.56	37.35	6.79	23.13	0.64	20.24	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. .2012)	IS 5182: Part 24:201 9	IS 5182: Part 2 :2001 (Reaff. 2012)	IS 5182: Part 6 :2006 (Reaff. 2012)	IS 5182: Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL is Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone - Spectrophotometer
Arsenic, Nickel, Lead - ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by:



For Mitra S. K. Private Limited

Authorized Signatory

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
 C/O Dhamra Port Company Ltd.
 DLTPL- Site Office
 Dist: Bhadrak, Odisha, 756171

Report No. : BBS/402
Date : 01.05.2021
Sample Description : Ambient Air Quality
Month of Sampling : April – 2021
Sampling Location : L & T Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NOx (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.04.2021	78.4	39.4	7.3	27.6	0.58	25.6	BDL	BDL	BDL	BDL	BDL	BDL
05.04.2021	69.3	35.8	6.8	23.7	0.62	20.1	BDL	BDL	BDL	BDL	BDL	BDL
08.04.2021	63.1	32.5	6.4	20.3	0.55	17.7	BDL	BDL	BDL	BDL	BDL	BDL
12.04.2021	72.5	37.1	7.0	25.4	0.84	22.2	BDL	BDL	BDL	BDL	BDL	BDL
15.04.2021	80.4	41.6	7.4	28.5	0.74	26.1	BDL	BDL	BDL	BDL	BDL	BDL
19.04.2021	77.4	40.2	7.2	26.1	0.75	24.7	BDL	BDL	BDL	BDL	BDL	BDL
22.04.2021	67.2	33.6	6.7	22.3	0.67	19.1	BDL	BDL	BDL	BDL	BDL	BDL
26.04.2021	64.7	33.1	6.2	21.5	0.51	18.7	BDL	BDL	BDL	BDL	BDL	BDL
29.04.2021	70.3	38.4	6.9	24.2	0.65	21.3	BDL	BDL	BDL	BDL	BDL	BDL
Average	71.47	36.85	6.87	24.40	0.66	21.72	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff . 2012	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a).pyrene - GCM

Report Prepared by:



For Mitra S. K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :

Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/403

Date : 01.05.2021

Sample No. : MSKGL/ED/2020-21/04/01301

Sample Description : Ambient Noise

Instrument Used :-

Digital Sound Level Meter - Sl. No.Q665566

Model No. SL - 4033SD


Calibration Due on - 10.03.2022

Noise Level Monitoring Data

Sl. No	Sampling Date	Sampling Location	Day L Time dB(A)			Night Time L dB(A)		
			MAX	MIN	AVG.	MAX	MIN	AVG.
1.	09.04.2021	LNG Office	69.5	44.2	55.8	39.4	30.6	36.6
2.	16.04.2021	GKE Office	70.2	49.4	62.5	55.1	43.3	44.3
3.	23.04.2021	L&T Office	72.4	53.5	65.2	57.8	49.6	53.4
4.	28.04.2021	Air Heater Area	74.2	61.8	69.3	62.1	55.4	56.2

Noise Limit as per CPCB

Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial Area	75	70	
Commercial Area	65	55	
Residential Area	55	45	
Silence Zone	50	40	

Report Prepared by: 

For Mitra S. K. Private Limited




Authorized Signatory

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/500
Date : 01.06.2021
Sample Description : Ambient Air Quality
Month of Sampling : May - 2021
Sampling Location : LNG Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
03.05.2021	72.4	32.6	7.1	26.3	0.58	22.8	BDL	BDL	BDL	BDL	BDL	BDL
06.05.2021	60.5	25.8	6.2	19.7	0.47	16.4	BDL	BDL	BDL	BDL	BDL	BDL
10.05.2021	69.6	30.1	6.8	25.1	0.61	20.6	BDL	BDL	BDL	BDL	BDL	BDL
13.05.2021	75.2	34.2	7.4	28.6	0.74	24.3	BDL	BDL	BDL	BDL	BDL	BDL
17.05.2021	66.5	28.4	6.6	22.4	0.51	18.5	BDL	BDL	BDL	BDL	BDL	BDL
20.05.2021	62.2	23.8	6.3	18.6	0.49	15.8	BDL	BDL	BDL	BDL	BDL	BDL
23.05.2021	70.4	31.5	7.0	27.2	0.78	25.1	BDL	BDL	BDL	BDL	BDL	BDL
28.05.2021	64.7	27.3	6.7	24.3	0.55	19.3	BDL	BDL	BDL	BDL	BDL	BDL
31.05.2021	67.2	26.4	6.8	23.5	0.60	17.4	BDL	BDL	BDL	BDL	BDL	BDL
Average	67.63	28.90	6.77	23.97	0.59	20.02	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

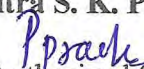
Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited


Authorized Signatory

Mitra S. K. Private Limited



N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/501
Date : 01.06.2021
Sample Description : Ambient Air Quality
Month of Sampling : May – 2021
Sampling Location : GKE Office


Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
03.05.2021	80.4	37.5	7.1	27.4	0.66	24.8	BDL	BDL	BDL	BDL	BDL	BDL
06.05.2021	75.3	33.6	6.8	24.1	0.57	20.4	BDL	BDL	BDL	BDL	BDL	BDL
10.05.2021	79.8	36.4	6.9	25.7	0.70	22.6	BDL	BDL	BDL	BDL	BDL	BDL
13.05.2021	85.7	40.6	7.6	28.6	0.81	26.4	BDL	BDL	BDL	BDL	BDL	BDL
17.05.2021	70.6	31.4	6.5	22.5	0.49	19.3	BDL	BDL	BDL	BDL	BDL	BDL
20.05.2021	77.5	35.4	6.7	26.4	0.78	23.4	BDL	BDL	BDL	BDL	BDL	BDL
23.05.2021	72.4	30.1	6.3	21.7	0.51	17.6	BDL	BDL	BDL	BDL	BDL	BDL
28.05.2021	57.2	25.5	6.4	23.7	0.62	18.7	BDL	BDL	BDL	BDL	BDL	BDL
31.05.2021	86.1	42.4	7.8	29.4	0.84	27.5	BDL	BDL	BDL	BDL	BDL	BDL
Average	76.11	34.77	6.90	25.50	0.66	22.30	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

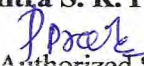
Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited


Authorized Signatory

N-5/100, Ground Floor
 IRC Village, Nayapalli
 Bhubaneswar - 751015
 [CIN : U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
 F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
 C/O Dhamra Port Company Ltd.
 DLTPL- Site Office
 Dist: Bhadrak, Odisha, 756171

Report No. : BBS/502
Date : 01.06.2021
Sample Description : Ambient Air Quality
Month of Sampling : May – 2021
Sampling Location : L & T Office


Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
03.05.2021	65.4	29.8	6.3	19.5	0.41	16.4	BDL	BDL	BDL	BDL	BDL	BDL
06.05.2021	71.6	32.5	6.5	22.3	0.52	18.5	BDL	BDL	BDL	BDL	BDL	BDL
10.05.2021	80.4	41.6	7.2	28.1	0.79	26.2	BDL	BDL	BDL	BDL	BDL	BDL
13.05.2021	69.5	30.4	6.4	23.5	0.62	20.4	BDL	BDL	BDL	BDL	BDL	BDL
17.05.2021	75.6	34.2	6.7	24.8	0.69	21.3	BDL	BDL	BDL	BDL	BDL	BDL
20.05.2021	64.2	27.4	6.2	18.5	0.40	15.6	BDL	BDL	BDL	BDL	BDL	BDL
23.05.2021	60.7	25.1	6.1	16.2	0.49	13.8	BDL	BDL	BDL	BDL	BDL	BDL
28.05.2021	67.4	31.2	6.6	21.4	0.65	17.3	BDL	BDL	BDL	BDL	BDL	BDL
31.05.2021	78.6	38.4	7.0	27.8	0.72	25.4	BDL	BDL	BDL	BDL	BDL	BDL
Average	70.38	32.29	6.55	24.45	0.59	19.43	—	—	—	—	—	—
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff . 2012	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
 BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2 , BDL for Benzo (a) pyrene (BaP) is <0.5

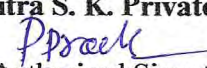
Instruments Used -

Ozone – Spectrophotometer
 Arsenic, Nickel, Lead – ICP (OES)
 Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited


 Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/510
Date : 01.06.2021
Sample No. : MSKGL/ED/2020-21/05/00780
Sample Description : Ambient Noise


Instrument Used :-
Digital Sound Level Meter - Sl. No.Q665566
Model No. SL - 4033SD
Calibration Due on - 10.03.2022

Noise Level Monitoring Data

Sl. No	Sampling Date	Sampling Location	Day L Time dB(A)			Night Time L dB(A)		
			MAX	MIN	AVG.	MAX	MIN	AVG.
1.	07.05.2021	LNG Office	66.2	40.4	53.1	37.1	31.4	35.8
2.	14.05.2021	GKE Office	73.5	50.1	60.6	57.1	41.6	42.4
3.	21.05.2021	L&T Office	71.8	52.7	63.2	59.4	47.1	51.6
4.	28.05.2021	Air Heater Area	70.6	54.8	62.5	59.2	51.8	50.7

Noise Limit as per CPCB

Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial Area	75	70	
Commercial Area	65	55	
Residential Area	55	45	
Silence Zone	50	40	

Report Prepared by: 



Mitra S. K. Private Limited


Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :

Dhamra LNG Terminal Pvt. Ltd..

C/O Dhamra Port Company Ltd.

DLTPL- Site Office

Dist: Bhadrak, Odisha, 756171

Report No. : BBS/603

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00961

Sample Description : Flue Gas Monitoring

Date of Sampling : 25.06.2021

Time of Sampling : 02:55 PM

ANALYSIS RESULT

A.	<u>General information about stack :</u>		
1.	Stack connected to	: L&T Office (Tank-1) DG-21	
2.	Emission due to	: High Speed Diesel (HSD)	
3.	Material of construction of stack	: M.S	
4.	Shape of stack	: Circular	
5.	Generation Capacity	: 250 KvA	
B.	<u>Physical characteristics of stack :</u>		
1.	Height of the stack from ground level	: 3.81 m	
2.	Diameter of the stack at sampling point	: 0.12 m	
3.	Height of the sampling point from GL	: 3.81 m	
4.	Area of Stack	: 0.0113 m ²	
C.	<u>Analysis/Characteristic of stack:</u>		
1.	Fuel used	: HSD	
2.	Fuel Consumption	: NA	
D.	<u>Results of sampling & analysis of gaseous emission</u>		
		<u>Result</u>	<u>Standard as per Moef & CC</u>
			<u>METHOD</u>
1.	Temperature of emission (°C)	: 144	IS 11255 (Part III)
2.	Barometric pressure (mm of Hg)	: 748.7	USEPA Part 2
3.	Velocity of gas (m/sec.)	: 21.78	IS 11255 (Part III)
4.	Quantity of gas flow (Nm ³ /hr.)	: 586.8	IS 11255 (Part III)
5.	Concentration of Carbon monoxide (g/kw-hr)	: 0.263	IS 5182 (Part X)
6.	Concentration of Sulphur Dioxide (mg/Nm ³)	: 14.3	IS 11255 (Part II)
7.	Concentration of Nitrogen Dioxide (g/kw-hr)	: 0.289	IS 11255 (Part VII)
8.	Concentration of Particulate Matters ((g/kw-hr))	: 0.040	IS 11255 (Part I)
9.	Concentration of Hydrocarbon (g/kw-hr)	: 0.029	USEPA Part 18
10.	NOx + HC (g/kw-hr)	: 0.318	USEPA Part 18

Report Prepared by:



For Mitra S.K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
F : (0674) 2362918



TEST REPORT

Name & Address of the Customer :

Dhamra LNG Terminal Pvt. Ltd..

C/O Dhamra Port Company Ltd.

DLTPL- Site Office

Dist: Bhadrak, Odisha, 756171

Report No. : BBS/601

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00959

Sample Description : Flue Gas Monitoring

Date of Sampling : 25.06.2021

Time of Sampling : 03:45 PM

ANALYSIS RESULT

A.	<u>General information about stack :</u>		
1.	Stack connected to	: L&T Office DG-20	
2.	Emission due to	: High Speed Diesel (HSD)	
3.	Material of construction of stack	: M.S	
4.	Shape of stack	: Circular	
5.	Generation Capacity	: 250 KvA	
B.	<u>Physical characteristics of stack :</u>		
1.	Height of the stack from ground level	: 3.80 m	
2.	Diameter of the stack at sampling point	: 0.12 m	
3.	Height of the sampling point from GL	: 3.80 m	
4.	Area of Stack	: 0.0044 m ²	
C.	<u>Analysis/Characteristic of stack:</u>		
1.	Fuel used	: HSD	
2.	Fuel Consumption	: NA	
D.	<u>Results of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Standard as per Moef & CC</u>
1.	Temperature of emission (°C)	: 151	IS 11255 (Part III)
2.	Barometric pressure (mm of Hg)	: 748.7	USEPA Part 2
3.	Velocity of gas (m/sec.)	: 22.37	IS 11255 (Part III)
4.	Quantity of gas flow (Nm ³ /hr.)	: 227.8	IS 11255 (Part III)
5.	Concentration of Carbon monoxide (g/kw-hr)	: 0.093	IS 5182 (Part X)
6.	Concentration of Sulphur Dioxide (mg/Nm ³)	: 13.8	IS 11255 (Part II)
7.	Concentration of Nitrogen Dioxide (g/kw-hr)	: 0.111	IS 11255 (Part VII)
8.	Concentration of Particulate Matters ((g/kw-hr))	: 0.014	IS 11255 (Part I)
9.	Concentration of Hydrocarbon (g/kw-hr)	: 0.024	USEPA Part 18
10.	NOx + HC (g/kw-hr)	: 0.135	USEPA Part 18

Report Prepared by:



For Mitra S.K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :

Dhamra LNG Terminal Pvt. Ltd..
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/604

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00962

Sample Description : Flue Gas Monitoring

Date of Sampling : 25.06.2021

Time of Sampling : 11:45 AM

ANALYSIS RESULT

A.	<u>General information about stack :</u>			
1.	Stack connected to	:CTC-1 DG-1		
2.	Emission due to	: High Speed Diesel (HSD)		
3.	Material of construction of stack	: M.S		
4.	Shape of stack	: Circular		
5.	Generation Capacity	: 45 KvA (No Load)		
B.	<u>Physical characteristics of stack :</u>			
1.	Height of the stack from ground level	: 3.51 m		
2.	Diameter of the stack at sampling point	: 0.085 m		
3.	Height of the sampling point from GL	: 3.51 m		
4.	Area of Stack	: 0.0056 m ²		
C.	<u>Analysis/Characteristic of stack:</u>			
1.	Fuel used	: HSD		
2.	Fuel Consumption	: NA		
D.	<u>Results of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Standard as per Moef & CC</u>	<u>METHOD</u>
1.	Temperature of emission (°C)	: 101	----	IS 11255 (Part III)
2.	Barometric pressure (mm of Hg)	: 749.4	----	USEPA Part 2
3.	Velocity of gas (m/sec.)	: 16.84	----	IS 11255 (Part III)
4.	Quantity of gas flow (Nm ³ /hr.)	: 251.7	----	IS 11255 (Part III)
5.	Concentration of Carbon monoxide (g/kw-hr)	: 0.300	≤ 3.5 (g/Kw/hr)	IS 5182 (Part X)
6.	Concentration of Sulphur Dioxide (mg/Nm ³)	: <5.0	----	IS 11255 (Part II)
7.	Concentration of Nitrogen Dioxide (g/kw-hr)	: 0.323	----	IS 11255 (Part VII)
8.	Concentration of Particulate Matters ((g/kw-hr))	: 0.092	≤ 0.3 (g/Kw/hr)	IS 11255 (Part I)
9.	Concentration of Hydrocarbon (g/kw-hr)	: 0.032	----	USEPA Part 18
10.	NOx + HC (g/kw-hr)	: 0.415	≤ 4.7 (g/Kw/hr)	USEPA Part 18

Report Prepared by:



For Mitra S.K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd..
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/605
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/00963
Sample Description : Flue Gas Monitoring
Date of Sampling : 25.06.2021
Time of Sampling : 12:30 PM

ANALYSIS RESULT

A.	<u>General information about stack :</u>			
1.	Stack connected to	:CTC-2 DG-2		
2.	Emission due to	: High Speed Diesel (HSD)		
3.	Material of construction of stack	: M.S		
4.	Shape of stack	: Circular		
5.	Generation Capacity	: 82 KvA		
B.	<u>Physical characteristics of stack :</u>			
1.	Height of the stack from ground level	: 3.56 m		
2.	Diameter of the stack at sampling point	: 0.09 m		
3.	Height of the sampling point from GL	: 3.56 m		
4.	Area of Stack	: 0.0062 m ²		
C.	<u>Analysis/Characteristic of stack:</u>			
1.	Fuel used	: HSD		
2.	Fuel Consumption	: NA		
D.	<u>Results of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Standard as per Moef & CC</u>	<u>METHOD</u>
1.	Temperature of emission (°C)	: 135	----	IS 11255 (Part III)
2.	Barometric pressure (mm of Hg)	: 749.4	----	USEPA Part 2
3.	Velocity of gas (m/sec.)	: 15.51	----	IS 11255 (Part III)
4.	Quantity of gas flow (Nm ³ /hr.)	: 235.3	----	IS 11255 (Part III)
5.	Concentration of Carbon monoxide (g/kw-hr)	: 0.253	≤ 3.5 (g/Kw/hr)	IS 5182 (Part X)
6.	Concentration of Sulphur Dioxide (mg/Nm ³)	: 5.2	----	IS 11255 (Part II)
7.	Concentration of Nitrogen Dioxide (g/kw-hr)	: 0.225	----	IS 11255 (Part VII)
8.	Concentration of Particulate Matters ((g/kw-hr))	: 0.058	≤ 0.3 (g/Kw/hr)	IS 11255 (Part I)
9.	Concentration of Hydrocarbon (g/kw-hr)	: 0.024	----	USEPA Part 18
10.	NOx + HC (g/kw-hr)	: 0.249	≤ 4.7 (g/Kw/hr)	USEPA Part 18

Report Prepared by:



For Mitra S.K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :

Dhamra LNG Terminal Pvt. Ltd..
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/600

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00958

Sample Description : Flue Gas Monitoring

Date of Sampling : 25.06.2021

Time of Sampling : 05:24 PM

ANALYSIS RESULT

A.	<u>General information about stack :</u>			
1.	Stack connected to	: LNG Office DG-15		
2.	Emission due to	: High Speed Diesel (HSD)		
3.	Material of construction of stack	: M.S		
4.	Shape of stack	: Circular		
5.	Generation Capacity	: 62.5 KvA		
B.	<u>Physical characteristics of stack :</u>			
1.	Height of the stack from ground level	: 2.80 m		
2.	Diameter of the stack at sampling point	: 0.09 m		
3.	Height of the sampling point from GL	: 2.80 m		
4.	Area of Stack	: 0.0062 m ²		
C.	<u>Analysis/Characteristic of stack:</u>			
1.	Fuel used	: HSD		
2.	Fuel Consumption	: NA		
D.	<u>Results of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Standard as per Moef & CC</u>	<u>METHOD</u>
1.	Temperature of emission (°C)	: 125	----	IS 11255 (Part III)
2.	Barometric pressure (mm of Hg)	: 748	----	USEPA Part 2
3.	Velocity of gas (m/sec.)	: 15.0	----	IS 11255 (Part III)
4.	Quantity of gas flow (Nm ³ /hr.)	: 230.6	----	IS 11255 (Part III)
5.	Concentration of Carbon monoxide (g/kw-hr)	: 0.224	≤ 3.5 (g/Kw/hr)	IS 5182 (Part X)
6.	Concentration of Sulphur Dioxide (mg/Nm ³)	: <5.0	----	IS 11255 (Part II)
7.	Concentration of Nitrogen Dioxide (g/kw-hr)	: 0.238	----	IS 11255 (Part VII)
8.	Concentration of Particulate Matters ((g/kw-hr))	: 0.135	≤ 0.3 (g/Kw/hr)	IS 11255 (Part I)
9.	Concentration of Hydrocarbon (g/kw-hr)	: 0.028	----	USEPA Part 18
10.	NOx + HC (g/kw-hr)	: 0.266	≤ 4.7 (g/Kw/hr)	USEPA Part 18

Report Prepared by:



For Mitra S.K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :

Dhamra LNG Terminal Pvt. Ltd..
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/602

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00960

Sample Description : Flue Gas Monitoring

Date of Sampling : 25.06.2021

Time of Sampling : 04:45 PM

ANALYSIS RESULT

A.	General information about stack :			
1.	Stack connected to	: LNG Office DG-16		
2.	Emission due to	: High Speed Diesel (HSD)		
3.	Material of construction of stack	: M.S		
4.	Shape of stack	: Circular		
5.	Generation Capacity	: 62.5 KvA		
B.	Physical characteristics of stack :			
1.	Height of the stack from ground level	: 2.80 m		
2.	Diameter of the stack at sampling point	: 0.09 m		
3.	Height of the sampling point from GL	: 2.80 m		
4.	Area of Stack	: 0.0062 m ²		
C.	Analysis/Characteristic of stack:			
1.	Fuel used	: HSD		
2.	Fuel Consumption	: NA		
D.	Results of sampling & analysis of gaseous emission	Result	Standard as per Moef & CC	METHOD
1.	Temperature of emission (°C)	: 196	----	IS 11255 (Part III)
2.	Barometric pressure (mm of Hg)	: 748.7	----	USEPA Part 2
3.	Velocity of gas (m/sec.)	: 23.47	----	IS 11255 (Part III)
4.	Quantity of gas flow (Nm ³ /hr.)	: 294.3	----	IS 11255 (Part III)
5.	Concentration of Carbon monoxide (g/kw-hr)	: 0.346	≤ 3.5 (g/Kw/hr)	IS 5182 (Part X)
6.	Concentration of Sulphur Dioxide (mg/Nm ³)	: <5.0	----	IS 11255 (Part II)
7.	Concentration of Nitrogen Dioxide (g/kw-hr)	: 0.287	----	IS 11255 (Part VII)
8.	Concentration of Particulate Matters ((g/kw-hr))	: 0.071	≤ 0.3 (g/Kw/hr)	IS 11255 (Part I)
9.	Concentration of Hydrocarbon (g/kw-hr)	: 0.026	----	USEPA Part 18
10.	NOx + HC (g/kw-hr)	: 0.313	≤ 4.7 (g/Kw/hr)	: USEPA Part 18

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Report Prepared by:

For Mitra S.K. Private Limited



Ppran
Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/700
Date : 01.07.2021
Sample Description : Ambient Air Quality
Month of Sampling : June - 2021
Sampling Location : LNG Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.06.2021	68.5	32.4	6.7	23.4	0.66	19.2	BDL	BDL	BDL	BDL	BDL	BDL
04.06.2021	60.6	29.2	6.5	21.7	0.54	17.5	BDL	BDL	BDL	BDL	BDL	BDL
07.06.2021	72.2	36.1	7.2	26.6	0.72	24.2	BDL	BDL	BDL	BDL	BDL	BDL
10.06.2021	63.1	27.2	6.3	19.5	0.44	16.8	BDL	BDL	BDL	BDL	BDL	BDL
14.06.2021	76.4	39.4	7.6	29.6	0.81	27.5	BDL	BDL	BDL	BDL	BDL	BDL
21.06.2021	70.5	34.8	7.0	27.3	0.72	23.7	BDL	BDL	BDL	BDL	BDL	BDL
23.06.2021	66.2	31.4	6.6	25.8	0.62	21.8	BDL	BDL	BDL	BDL	BDL	BDL
26.06.2021	57.1	28.3	6.1	18.5	0.40	13.5	BDL	BDL	BDL	BDL	BDL	BDL
28.06.2021	62.5	33.4	6.8	22.2	0.59	15.6	BDL	BDL	BDL	BDL	BDL	BDL
Average	66.34	32.47	6.75	23.84	0.61	19.98	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - 103.4J une,19 99	EPA - 103.4Ju ne,1999	EPA - 103.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL is Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

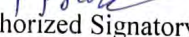
Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited


Authorized Signatory

T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/701
Date : 01.07.2021
Sample Description : Ambient Air Quality
Month of Sampling : June – 2021
Sampling Location : GKE Office


Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.06.2021	70.8	35.2	7.1	26.4	0.69	23.1	BDL	BDL	BDL	BDL	BDL	BDL
04.06.2021	67.5	30.2	6.9	23.9	0.54	18.5	BDL	BDL	BDL	BDL	BDL	BDL
07.06.2021	62.8	28.4	6.7	20.4	0.49	17.2	BDL	BDL	BDL	BDL	BDL	BDL
10.06.2021	55.4	23.6	6.3	17.5	0.41	13.4	BDL	BDL	BDL	BDL	BDL	BDL
14.06.2021	75.6	37.3	7.4	27.4	0.75	25.3	BDL	BDL	BDL	BDL	BDL	BDL
21.06.2021	64.5	29.6	6.5	22.8	0.51	19.6	BDL	BDL	BDL	BDL	BDL	BDL
23.06.2021	57.4	25.1	6.4	19.1	0.60	16.2	BDL	BDL	BDL	BDL	BDL	BDL
26.06.2021	53.2	22.5	6.1	17.4	0.40	12.7	BDL	BDL	BDL	BDL	BDL	BDL
28.06.2021	72.8	36.4	7.2	28.6	0.81	26.5	BDL	BDL	BDL	BDL	BDL	BDL
Average	64.44	29.81	6.73	22.61	0.58	19.17	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff . 2012	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL is Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

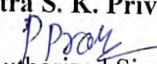
Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited


Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN : U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/702
Date : 01.07.2021
Sample Description : Ambient Air Quality
Month of Sampling : June – 2021
Sampling Location : L & T Office

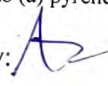
Date	PARAMETERS											
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)	NH ₃ ($\mu\text{g}/\text{m}^3$)	O ₃ ($\mu\text{g}/\text{m}^3$)	Pb ($\mu\text{g}/\text{m}^3$)	Ni (ng/m^3)	As (ng/m^3)	C ₆ H ₆ ($\mu\text{g}/\text{m}^3$)	BaP (ng/m^3)
01.06.2021	71.8	34.8	7.1	27.2	0.66	25.1	BDL	BDL	BDL	BDL	BDL	BDL
04.06.2021	59.7	27.2	6.4	18.5	0.52	15.3	BDL	BDL	BDL	BDL	BDL	BDL
07.06.2021	64.5	30.6	6.8	22.1	0.71	19.8	BDL	BDL	BDL	BDL	BDL	BDL
10.06.2021	67.8	32.2	6.6	25.4	0.68	22.6	BDL	BDL	BDL	BDL	BDL	BDL
14.06.2021	77.6	36.6	7.5	28.2	0.70	26.3	BDL	BDL	BDL	BDL	BDL	BDL
21.06.2021	60.5	29.4	6.2	16.5	0.44	12.1	BDL	BDL	BDL	BDL	BDL	BDL
23.06.2021	69.7	31.1	6.9	24.2	0.71	20.8	BDL	BDL	BDL	BDL	BDL	BDL
26.06.2021	79.6	39.3	7.7	29.4	0.78	27.4	BDL	BDL	BDL	BDL	BDL	BDL
28.06.2021	54.4	26.2	6.3	15.6	0.58	11.8	BDL	BDL	BDL	BDL	BDL	BDL
Average	67.29	31.93	6.83	23.01	0.64	20.13	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182: Part 2 :2001 (Reaff. 2012)	IS 5182: Part 6 :2006 (Reaff. 2012)	IS 5182: Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

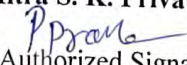
Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited


Authorized Signatory

T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/650
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/01090
Sample Description : Ambient Noise


Instrument Used :-
Digital Sound Level Meter - Sl. No.Q665566
Model No. SL - 4033SD
Calibration Due on - 10.03.2022

Noise Level Monitoring Data

Sl. No	Sampling Date	Sampling Location	Day L Time dB(A)			Night Time L dB(A)		
			MAX	MIN	AVG.	MAX	MIN	AVG.
1.	05.06.2021	LNG Office	62.2	39.8	50.4	48.2	35.4	38.1
2.	11.06.2021	GKE Office	70.5	48.4	61.2	49.4	40.8	44.7
3.	21.06.2021	L&T Office	72.4	50.2	64.6	57.1	48.4	53.2
4.	29.06.2021	Air Heater Area	71.2	62.7	69.1	66.8	50.4	56.1

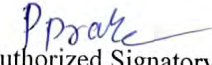
Noise Limit as per CPCB

Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial Area	75	70	
Commercial Area	65	55	
Residential Area	55	45	
Silence Zone	50	40	

Report Prepared by: 

For Mitra S. K. Private Limited




Authorized Signatory

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd..
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/710
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/01080
Sample Description : DG Noise

DG Noise Level Monitoring Data

<u>Sl. No</u>	<u>Sampling Date</u>	<u>Sampling Location</u>	<u>MAX</u>	<u>MIN</u>	<u>Results in Avg Leq dB(A)</u>
1.	25.06.2021	LNG Office DG-15	70.4	64.7	71.6
2.	25.06.2021	L&T Office DG-20	72.2	69.8	70.4
3.	25.06.2021	LNG Office DG-16	74.8	70.4	72.3
4.	25.06.2021	L&T Office (Tank-1) DG-21	70.1	65.7	71.9
5.	25.06.2021	CTC-1 DG-1	73.6	72.5	74.2
6.	25.06.2021	CTC-2 DG-2	70.8	71.7	73.3

Noise Limit

At 1meter from the Enclosure Surface

DG Limit

75 dB

Report Prepared by:



For Mitra S.K. Private Limited




Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT : DOSINGA, PO : DHAMRA
DIST : BHADRAK, PIN : 756171 ODISHA

Report No. : BBS/421
Date : 01.07.2021
Sample No. : MSKGL/FD/2020-21/06/00421
Date of sampling : 06.06.2021
Sampling Description : Ground Water
Sampling Location : Kanak Prasad
Sampling Done By : Mr. Kunja Bihari Nayak

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform Organism	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26° C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.84
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	49.00
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	30.00
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffm: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffm: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffm:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffm:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffm:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	BDL(DL:0.05)
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	80.00
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	434.00
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	178.00
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	22.00
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	167.00
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	48.00

Mitra S. K. Private Limited

N-5/100, Ground Floor
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Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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Ref. No. BBS/421

Date- 01.07.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffm: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffm: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffm: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffm: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

Report Prepared by:



For Mitra S. K. Private Limited.

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
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Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT : DOSINGA, PO : DHAMRA
DIST : BHADRAK, PIN : 756171 ODISHA

Report No. : BBS/422
Date : 01.07.2021
Sample No. : MSKGL/FD/2020-21/06/00422
Date of sampling : 06.06.2021
Sampling Description : Ground Water
Sampling Location : Balisahi
Sampling Done By : Mr. Kunja Bihari Nayak

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform Organism	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26 ^o C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.86
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	48.00
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	28.00
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffm: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffm: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffm:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffm:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffm:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	BDL(DL:0.05)
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	77.00
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	456.00
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	162.00
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	22.0
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	162.0
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	50.00

Mitra S. K. Private Limited

N-5/100, Ground Floor
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Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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Ref. No. BBS/422

Date- 01.07.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffm: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffm: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffm: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffm: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

Report Prepared by:



For Mitra S. K. Private Limited.

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT : DOSINGA, PO : DHAMRA
DIST : BHADRAK, PIN : 756171 ODISHA

Report No. : BBS/423
Date : 01.07.2021
Sample No. : MSKGL/FD/2020-21/06/00423
Date of sampling : 06.06.2021
Sampling Description : Ground Water
Sampling Location : Dosinga
Sampling Done By : Mr. Kunja Bihari Nayak

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform Organism	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26 ^o C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.78
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	11.00
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	40.00
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffm: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffm: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffm:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffm:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffm:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	BDL(DL:0.05)
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	70.00
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	478.00
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	172.00
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	32.00
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	190.00
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	62.00

Mitra S. K. Private Limited



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Ref. No. BBS/423

Date- 01.07.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rfim: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rfim: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rfim: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rfim: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtm.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

Report Prepared by:



For Mitra S. K. Private Limited.

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
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Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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TEST REPORT

Name & Address of the Customer :

THE DHAMRA PORT COMPANY LIMITED.

AT : DOSINGA, PO : DHAMRA

DIST : BHADRAK, PIN : 756171 ODISHA

Report No. : BBS/424

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00415

Sample Description : Surface Water

Sampling Location : Matai River Near DPCL
Intake Point

Date of Sampling : 05.06.2021

ANALYSIS RESULT

Sl. No.	Test Parameters	Units	Standards as per IS 2296	Test Method / Specification	Result
1.	Colour	Hazen	300	APHA 23rd Edition, 2120B 2017	BDL(DL:1.0)
2.	Odour	----	----	APHA 23rd Edition, 2150B	Agreeable
3.	pH at 25°C	----	6.5 - 8.5	APHA 23rd Edition, 4500-H-B	6.95
4.	Copper as Cu	mg/l	1.5	APHA (23rd Edition) 3120B 2017 (ICP OES)	BDL(DL:0.02)
5.	Fluoride as F	mg/l	1.5	APHA (23rd Edition) 4500 - F C/D, 2017	0.14
6.	Iron as Fe	mg/l	50.0	APHA 23rd Edition, 3500 Fe B 2017	3.00
7.	Manganese as Mn	mg/l	----	APHA (23rd Edition) 3120B 2017 (ICP OES)	BDL(DL:0.02)
8.	Phenolic Compound as C ₆ H ₅ OH	mg/l	0.005	APHA (23rd Edition) 5530C 2017 (Chloroform Extraction)	BDL(DL:0.001)
9.	Selenium as Se	mg/l	0.05	APHA (23rd Edition) 3120B 2017	BDL(DL:0.005)
10.	Cadmium as Cd	mg/l	0.01	APHA (23rd Edition) 3120B 2017	BDL(DL:0.001)
11.	Cyanide as CN	mg/l	0.05	APHA (23rd Edition) 4500 CN- F 2017	BDL(DL:0.01)
12.	Lead as Pb	mg/l	0.1	APHA (23rd Edition) 3120B 2017	BDL(DL:0.005)
13.	Mercury as Hg	mg/l	----	IS 3025(Part 48)-1994; Rffm:2014	BDL(DL:0.001)
14.	Nickel as Ni	mg/l	----	APHA (23rd Edition) 3120B 2017	BDL(DL:0.02)
15.	Arsenic as As	mg/l	0.2	APHA (23rd Edition) 3120B 2017 (ICP OES)	BDL(DL:0.005)
16.	Total Chromium as Cr	mg/l	----	APHA (23rd Edition) 3111 D 2017 (AAS Flame)	BDL(DL:0.01)
17.	Zinc as Zn	mg/l	15.0	APHA (23rd Edition) 3120B 2017	BDL(DL:0.02)
18.	Hexavalent Chromium as Cr ⁺⁶	mg/l	0.05	APHA 22nd Edition, 3500 Cr.B	BDL(DL:0.01)
19.	Vanadium as V	mg/l	----	APHA (23rd Edition) 3120B 2017 (ICP OES)	BDL(DL:0.2)
20.	Total Suspended solids	mg/l	----	APHA 23rd Edition, 2540D	38.00
21.	Temperature	Deg C	----	APHA 23rd Edn, 2550 B	25.00
22.	BOD (3days at 25°C)	mg/l	3.0	APHA (23rd Edition) 5210B 2017	BDL(DL:2.0)
23.	COD	mg/l	----	APHA 23rd Edition, 5220B 2017	BDL(DL:4.0)
24.	Oil & Grease	mg/l	0.1	APHA 23rd Edition, 5520B 2017	BDL(DL:1.4)
25.	Ammonical Nitrogen as N	mg/l	----	APHA (23rd Edition) 4500-NH ₃ -F 2017	BDL(DL:0.1)
26.	Total Kjeldal Nitrogen as N	mg/l	----	APHA (23rd Edition) 4500- Norg-B, 2017	BDL(DL:0.3)
27.	Sulphide as S	mg/l	----	APHA (23rd Edition) 4500 S ₂ - D, 2017	BDL(DL:0.01)
28.	Total Residual Chlorine	mg/l	----	IS 3025(Part-26)-1986 Rffm:2009	BDL(DL:0.1)
29.	Dissolved Phosphate as P	mg/l	----	APHA 23rd Edition, 4500P, B -D 2017	BDL(DL:0.05)
30.	Ammonia as NH ₃	mg/l	----	APHA 23rd Edn 4500NH ₃ -F 2017	BDL(DL:0.1)
31.	Nitrate Nitrogen as NO ₃	mg/l	----	APHA (23rd Edition) 4500- NO ₃ -E, 2017	BDL(DL:0.1)
32.	Bio-assay Test	----	90% survival of fish after 96 hours in 100% effluent	IS 6582(Part 2)2001, Ed.2.1 (2002-12)	All Fishes are survived in 100% effluent after 96 hrs
33.	Particle Size of Suspended Solids	----	850 µ IS sieve	TPM/MSK/P&E/3/55	Pass through 850µm IS sieve
34.	Dissolved Oxygen	mg/l	----	APHA 23rd-2012, 4500-O-C	6.10

Report Prepared by:



Mitra S. K. Private Limited

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[CIN: U51909WB1956PTC023037]



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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED.
AT : DOSINGA, PO : DHAMRA
DIST : BHADRAK, PIN : 756171 ODISHA

Report No. : BBS/425
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/00416
Sample Description : Surface Water
Sampling Location : Raw Water Reservoir
Date of Sampling : 05.06.2021

ANALYSIS RESULT

Sl. No.	Test Parameters	Units	Standards as per IS 2296	Test Method / Specification	Result
1.	Colour	Hazen	300	APHA 23rd Edition, 2120B 2017	BDL(DL:1.0)
2.	Odour	----	----	APHA 23rd Edition, 2150B	Agreeable
3.	pH at 25°C	----	6.5 - 8.5	APHA 23rd Edition, 4500-H-B	6.97
4.	Copper as Cu	mg/l	1.5	APHA (23rd Edition) 3120B 2017 (ICP OES)	BDL(DL:0.02)
5.	Fluoride as F	mg/l	1.5	APHA (23rd Edition) 4500 - F C/D, 2017	0.22
6.	Iron as Fe	mg/l	50.0	APHA 23rd Edition, 3500 Fe B 2017	2.10
7.	Manganese as Mn	mg/l	----	APHA (23rd Edition) 3120B 2017 (ICP OES)	BDL(DL:0.02)
8.	Phenolic Compound as C ₆ H ₅ OH	mg/l	0.005	APHA (23rd Edition) 5530C 2017 (Chloroform Extraction)	BDL(DL:0.001)
9.	Selenium as Se	mg/l	0.05	APHA (23rd Edition) 3120B 2017	BDL(DL:0.005)
10.	Cadmium as Cd	mg/l	0.01	APHA (23rd Edition) 3120B 2017	BDL(DL:0.001)
11.	Cyanide as CN	mg/l	0.05	APHA (23rd Edition) 4500 CN- F 2017	BDL(DL:0.01)
12.	Lead as Pb	mg/l	0.1	APHA (23rd Edition) 3120B 2017	BDL(DL:0.005)
13.	Mercury as Hg	mg/l	----	IS 3025(Part 48)-1994; Rffm:2014	BDL(DL:0.001)
14.	Nickel as Ni	mg/l	----	APHA (23rd Edition) 3120B 2017	BDL(DL:0.02)
15.	Arsenic as As	mg/l	0.2	APHA (23rd Edition) 3120B 2017 (ICP OES)	BDL(DL:0.005)
16.	Total Chromium as Cr	mg/l	----	APHA (23rd Edition) 3111 D 2017 (AAS Flame)	BDL(DL:0.01)
17.	Zinc as Zn	mg/l	15.0	APHA (23rd Edition) 3120B 2017	BDL(DL:0.02)
18.	Hexavalent Chromium as Cr ⁺⁶	mg/l	0.05	APHA 22nd Edition, 3500 Cr.B	BDL(DL:0.01)
19.	Vanadium as V	mg/l	----	APHA (23rd Edition) 3120B 2017 (ICP OES)	BDL(DL:0.2)
20.	Total Suspended solids	mg/l	----	APHA 23rd Edition, 2540D	26.00
21.	Temperature	Deg C	----	APHA 23rd Edtn, 2550 B	25.00
22.	BOD (3days at 25°C)	mg/l	3.0	APHA (23rd Edition) 5210B 2017	BDL(DL:2.0)
23.	COD	mg/l	----	APHA 23rd Edition, 5220B 2017	7.90
24.	Oil & Grease	mg/l	0.1	APHA 23rd Edition, 5520B 2017	BDL(DL:1.4)
25.	Ammonical Nitrogen as N	mg/l	----	APHA (23rd Edition) 4500-NH ₃ -F 2017	BDL(DL:0.1)
26.	Total Kjeldal Nitrogen as N	mg/l	----	APHA (23rd Edition) 4500- Norg-B, 2017	BDL(DL:0.3)
27.	Sulphide as S	mg/l	----	APHA (23rd Edition) 4500 S ₂ - D, 2017	BDL(DL:0.01)
28.	Total Residual Chlorine	mg/l	----	IS 3025(Part-26)-1986 Rffm:2009	BDL(DL:0.1)
29.	Dissolved Phosphate as P	mg/l	----	APHA 23rd Edition, 4500P, B -D 2017	BDL(DL:0.05)
30.	Ammonia as NH ₃	mg/l	----	APHA 23rd Edn 4500NH ₃ -F 2017	BDL(DL:0.1)
31.	Nitrate Nitrogen as NO ₃	mg/l	----	APHA (23rd Edition) 4500- NO ₃ -E, 2017	BDL(DL:0.1)
32.	Bio-assay Test	----	90% survival of fish after 96 hours in 100% effluent	IS 6582(Part 2)2001, Ed.2.1 (2002-12)	All Fishes are survived in 100% effluent after 96 hrs
33.	Particle Size of Suspended Solids	----	850 µ IS sieve	TPM/MSK/P&E/3/55	Pass through 850µm IS sieve
34.	Dissolved Oxygen	mg/l	----	APHA 23rd-2012, 4500-O-C	6.30

Report Prepared by:



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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT : DOSINGA, PO : DHAMRA
6DIST : BHADRAK, PIN : 756171 ODISHA

Report No. : BBS/430
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/00413
Sample Description : EFFLUENT WATER
Sampling Location : STP 150KLD
Date of sampling : 03.06.2021

ANALYSIS RESULT

<u>SL. No.</u>	<u>Test Parameters</u>	<u>Units</u>	<u>Limit</u>	<u>Test Specification</u>	<u>Result</u>	
					<u>Inlet</u>	<u>Outlet</u>
1.	Colour	Hazen	--	APHA (23 rd Edition) 2120B 2017	Blackish	Clear
2.	Odour	----	--	APHA (23 rd Edition) 2150B	Disagreeable	Agreeable
3.	pH value at 26°C	----	6.5 – 9.0	APHA (23 rd Edition) 4500 H-B	7.38	7.48
4.	Appearance	----	--	Lab Method	Turbid	Clear
5.	TSS	mg/l	<20.0	APHA (23 rd Edition) 2540D	140.00	<2.5
6.	BOD	mg/l	<10.0	APHA (23 rd Edition) 5210B 2017	101.00	6.50
7.	COD	mg/l	<50.0	APHA (23 rd Edition) 5220B 2017	404.00	24.00
8.	Oil & Grease	mg/l	<10.0	APHA (23 rd Edition) 5220B 2017	12.00	<1.4
9.	Ammonical Nitrogen	mg/l	<5.0	APHA (23 rd Edition) 4500-NH3-F 2017	28.00	0.49
10.	Total Nitrogen (as N)	mg/l	<10.0	IS 14684 (1999); Rffm:2014	38.00	3.70
11.	Faecal Coliform	MPN/ 100ml	<1000.0	APHA (23 rd Edition) 9221 E	700.00	93.00

Report Prepared by:



For Mitra S. K. Private Limited

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Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT : DOSINGA, PO : DHAMRA
DIST : BHADRAK, PIN : 756171 ODISHA

Report No. : BBS/431
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/01009
Sample Description : EFFLUENT WATER
Sampling Location : STP 150KLD
Date of sampling : 19.06.2021

ANALYSIS RESULT

<u>SL. No.</u>	<u>Test Parameters</u>	<u>Units</u>	<u>Limit</u>	<u>Test Specification</u>	<u>Result</u>	
					<u>Inlet</u>	<u>Outlet</u>
1.	Colour	Hazen	--	APHA (23 rd Edition) 2120B 2017	Blackish	Clear
2.	Odour	----	--	APHA (23 rd Edition) 2150B	Disagreeable	Agreeable
3.	pH value at 26°C	----	6.5 – 9.0	APHA (23 rd Edition) 4500 H-B	7.48	7.96
4.	Appearance	----	--	Lab Method	Turbid	Clear
5.	TSS	mg/l	<20.0	APHA (23 rd Edition) 2540D	128.00	10.00
6.	BOD	mg/l	<10.0	APHA (23 rd Edition) 5210B 2017	90.00	7.40
7.	COD	mg/l	<50.0	APHA (23 rd Edition) 5220B 2017	328.00	26.80
8.	Oil & Grease	mg/l	<10.0	APHA (23 rd Edition) 5220B 2017	8.00	<1.4
9.	Ammonical Nitrogen	mg/l	<5.0	APHA (23 rd Edition) 4500-NH3-F 2017	34.00	1.70
10.	Total Nitrogen (as N)	mg/l	<10.0	IS 14684 (1999); Rffm:2014	48.00	2.40
11.	Faecal Coliform	MPN/ 100ml	<1000.0	APHA (23 rd Edition) 9221 E	520.00	79.00

Report Prepared by:



For Mitra S. K. Private Limited

Authorized Signatory

N-5/100, Ground Floor
 IRC Village, Nayapalli
 Bhubaneswar - 751015
 [CIN: U51909WB1956PTC023037]

Date: 01.07.2021

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MARINE WATER QUALITY REPORT

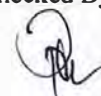
Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Water
Sampling Location	Dhamra River Mouth
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

SL. No.	Name of the Parameters	Unit	Test Method	Analysis Result	
				Surface Water	Bottom water
1	Colour	Hazen	APHA (23 rd Edition) 2120B 2017	<1.0	<1.0
2	Odour	---	APHA (23 rd Edition) 2150B	Agreeable	Agreeable
3	Temperature	Deg C	APHA (23 rd Edition) 2550 B	25.00	25.00
4	Turbidity	N.T.U	APHA (23 rd Edition) 2130B	78.00	82.0
5	pH	---	APHA (23 rd Edition) 4500-H-B	7.620	7.66
6	Electrical Conductivity	us/cm	APHA (23 rd Edition) 2510 B	39900.00	40000.00
7	Salinity	mg/l	APHA (23 rd Edition) 2520B,2017	17254.00	19078.00
8	Total Suspended Solids	mg/l	APHA (23 rd Edition) 2540 D	164.00	162.00
9	Total dissolved solids	mg/l	APHA (23 rd Edition) 2540C	28180.00	29012.00
10	Total Hardness	mg/l	APHA (23 rd Edition) 2340B 2017	5292.00	5684.00
11	Calcium Hardness	mg/l	APHA (23 rd Edition) 3500-Ca B	882.00	980.00
12	Magnesium Hardness	mg/l	APHA (23 rd Edition) 3500-Mg B	4410.00	4704.00
13	Chloride (as Cl)	mg/l	APHA (23 rd Edition) 4500-Cl B	15539.00	15639.00
14	Dissolved Oxygen	mg/l	APHA (23 rd Edition)-4500-O-C/G	5.90	6.10
15	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	APHA (23 rd Edition) 5210B,2017	<2.0	<2.0
16	Chemical Oxygen Demand (COD)	mg/l	APHA (23 rd Edition) 5220B,2017	<4.0	<4.0
17	Oil & Grease	mg/l	APHA (23 rd Edition) 5220B,2017	<1.4	<1.4
18	Dissolved phosphates (as PO ₄)	mg/l	APHA (23 rd Edition) 4500-P D	<0.15	<0.15
19	Sulphate (as SO ₄)	mg/l	APHA (23 rd Edition) 4500-SO ₄ -E	325.00	317.00
20	Nitrite (as NO ₂)	mg/l	APHA (23 rd Edition) 4500-NO ₂ B	<0.01	<0.01
21	Nitrate (as NO ₃)	mg/l	APHA (23 rd Edition) 4500-NO ₃ -E	<0.5	<0.5
22	Ammonical Nitrogen (as NH ₃ -N)	mg/l	APHA (23 rd Edition) 4500-NH ₃ F	<0.1	<0.1
23	Total Nitrogen	mg/l	APHA (23 rd Edition) 4500N C	<0.3	0.96
24	Total Chromium	mg/l	APHA (23 rd Edition) 3111 D	<0.01	<0.01
25	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	APHA (23 rd Edition) 5530C	<0.001	<0.001
26	Hexavalent chromium (as Cr ⁺⁶)	mg/l	APHA (23 rd Edition) ,3500 Cr B	<0.01	<0.01
27	Copper	mg/l	APHA (23 rd Edition) 3120B	<0.02	<0.02
28	Cadmium	mg/l	APHA (23 rd Edition) 3120B	<0.001	<0.001
29	Mercury	mg/l	IS 3025(Part 48)-1994;Rffm:2014	<0.001	<0.001
30	Floating material	mg/l	APHA (23 rd Edition) 2530B	<2.5	<2.5
31	Petroleum Hydrocarbon	mg/l	IS 3025(Part 39)-1994;Rffm:2014	<0.5	<0.5

Prepared By -




Checked By



Mitra S. K. Private Limited



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[CIN: U51909WB1956PTC023037]

Date: 01.01.2021

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MARINE WATER QUALITY REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Water
Sampling Location	Liquid/Gas/Cyrogenic Berth Face
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

SL. No.	Name of the Parameters	Unit	Test Method	Analysis Result	
				Surface Water	Bottom water
1	Colour	Hazen	APHA (23 rd Edition) 2120B 2017	<1.0	<1.0
2	Odour	---	APHA (23 rd Edition) 2150B	Agreeable	Agreeable
3	Temperature	Deg C	APHA (23 rd Edition) 2550 B	25.00	25.00
4	Turbidity	N.T.U	APHA (23 rd Edition) 2130B	30.00	28.00
5	pH	---	APHA (23 rd Edition) 4500-H-B	7.52	7.54
6	Electrical Conductivity	us/cm	APHA (23 rd Edition) 2510 B	42700.00	42000.00
7	Salinity	mg/l	APHA (23 rd Edition) 2520B,2017	20254.00	21547.00
8	Total Suspended Solids	mg/l	APHA (23 rd Edition) 2540 D	50.00	64.00
9	Total dissolved solids	mg/l	APHA (23 rd Edition) 2540C	30286.00	30570.00
10	Total Hardness	mg/l	APHA (23 rd Edition) 2340B 2017	5586.00	5488.00
11	Calcium Hardness	mg/l	APHA (23 rd Edition) 3500-Ca B	882.00	980.00
12	Magnesium Hardness	mg/l	APHA (23 rd Edition) 3500-Mg B	4704.00	4508.00
13	Chloride (as Cl)	mg/l	APHA (23 rd Edition) 4500-Cl B	16141.00	16542.00
14	Dissolved Oxygen	mg/l	APHA (23 rd Edition)-4500-O-C/G	6.00	5.60
15	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	APHA (23 rd Edition) 5210B,2017	<2.0	<2.0
16	Chemical Oxygen Demand (COD)	mg/l	APHA (23 rd Edition) 5220B,2017	<4.0	<4.0
17	Oil & Grease	mg/l	APHA (23 rd Edition) 5220B,2017	<1.4	<1.4
18	Dissolved phosphates (as PO ₄)	mg/l	APHA (23 rd Edition) 4500-P D	<0.15	<0.15
19	Sulphate (as SO ₄)	mg/l	APHA (23 rd Edition)4500-SO4-E	374.00	2724.0
20	Nitrite (as NO ₂)	mg/l	APHA (23 rd Edition)4500-NO2B	<0.01	<0.01
21	Nitrate (as NO ₃)	mg/l	APHA (23 rd Edition)4500-NO3-E	<0.5	<0.5
22	Ammonical Nitrogen (as NH ₃ -N)	mg/l	APHA (23 rd Edition)4500-NH3F	<0.1	<0.1
23	Total Nitrogen	mg/l	APHA (23 rd Edition) 4500N C	1.1	0.80
24	Total Chromium	mg/l	APHA (23 rd Edition) 3111 D	<0.01	<0.01
25	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	APHA (23 rd Edition) 5530C	<0.001	<0.001
26	Hexavalent chromium (as Cr ⁺⁶)	mg/l	APHA (23 rd Edition) ,3500 Cr B	<0.01	<0.01
27	Copper	mg/l	APHA (23 rd Edition) 3120B	<0.02	<0.02
28	Cadmium	mg/l	APHA (23 rd Edition) 3120B	<0.001	<0.001
29	Mercury	mg/l	IS 3025(Part 48)-1994;Rffm:2014	<0.001	<0.001
30	Floating material	mg/l	APHA (23 rd Edition) 2530B	<2.5	<2.5
31	Petroleum Hydrocarbon	mg/l	IS 3025(Part 39)-1994;Rffm:2014	<0.5	<0.5

Prepared By -



Checked By -

Date: 01.07.2021

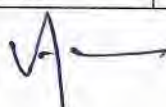
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MARINE WATER QUALITY REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Water
Sampling Location	Along Channel at 1Km
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

SL. No.	Name of the Parameters	Unit	Test Method	Analysis Result	
				Surface Water	Bottom water
1	Colour	Hazen	APHA (23 rd Edition) 2120B 2017	<1.0	<1.0
2	Odour	----	APHA (23 rd Edition) 2150B	Agreeable	Agreeable
3	Temperature	Deg C	APHA (23 rd Edition) 2550 B	25.00	25.00
4	Turbidity	N.T.U	APHA (23 rd Edition) 2130B	24.00	32.00
5	pH	----	APHA (23 rd Edition) 4500-H-B	7.51	7.74
6	Electrical Conductivity	us/cm	APHA (23 rd Edition) 2510 B	41000.00	41200.00
7	Salinity	mg/l	APHA (23 rd Edition) 2520B,2017	19784.00	21254.00
8	Total Suspended Solids	mg/l	APHA (23 rd Edition) 2540 D	35.00	57.00
9	Total dissolved solids	mg/l	APHA (23 rd Edition) 2540C	29930.00	30066.00
10	Total Hardness	mg/l	APHA (23 rd Edition) 2340B 2017	5292.00	5488.00
11	Calcium Hardness	mg/l	APHA (23 rd Edition) 3500-Ca B	765.00	980.00
12	Magnesium Hardness	mg/l	APHA (23 rd Edition) 3500-Mg B	4410.00	4508.00
13	Chloride (as Cl)	mg/l	APHA (23 rd Edition) 4500-Cl B	16341.00	16241.00
14	Dissolved Oxygen	mg/l	APHA (23 rd Edition)-4500-O-C/G	6.20	6.50
15	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	APHA (23 rd Edition) 5210B,2017	<2.0	<2.0
16	Chemical Oxygen Demand (COD)	mg/l	APHA (23 rd Edition) 5220B,2017	<4.0	<4.0
17	Oil & Grease	mg/l	APHA (23 rd Edition) 5220B,2017	<1.4	<1.4
18	Dissolved phosphates (as PO ₄)	mg/l	APHA (23 rd Edition) 4500-P D	<0.15	<0.15
19	Sulphate (as SO ₄)	mg/l	APHA (23 rd Edition)4500-SO4-E	365.00	307.00
20	Nitrite (as NO ₂)	mg/l	APHA (23 rd Edition)4500-NO2B	<0.01	<0.01
21	Nitrate (as NO ₃)	mg/l	APHA (23 rd Edition)4500-NO3-E	<0.5	<0.5
22	Ammonical Nitrogen (as NH ₃ -N)	mg/l	APHA (23 rd Edition)4500-NH3F	<0.1	<0.1
23	Total Nitrogen	mg/l	APHA (23 rd Edition) 4500N C	<0.3	1.80
24	Total Chromium	mg/l	APHA (23 rd Edition) 3111 D	<0.01	<0.01
25	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	APHA (23 rd Edition) 5530C	<0.001	<0.001
26	Hexavalent chromium (as Cr ⁺⁶)	mg/l	APHA (23 rd Edition) 3500 Cr B	<0.01	<0.01
27	Copper	mg/l	APHA (23 rd Edition) 3120B	<0.02	<0.02
28	Cadmium	mg/l	APHA (23 rd Edition) 3120B	<0.001	<0.001
29	Mercury	mg/l	IS 3025(Part 48)-1994;Rffm:2014	<0.001	<0.001
30	Floating material	mg/l	APHA (23 rd Edition) 2530B	<2.5	<2.5
31	Petroleum Hydrocarbon	mg/l	IS 3025(Part 39)-1994;Rffm:2014	<0.5	<0.5

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Date: 01.07.2021

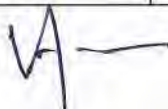
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MARINE WATER QUALITY REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Water
Sampling Location	Along Channel at 5Km
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

SL. No.	Name of the Parameters	Unit	Test Method	Analysis Result	
				Surface Water	Bottom water
1	Colour	Hazen	APHA (23 rd Edition) 2120B 2017	<1.0	<1.0
2	Odour	----	APHA (23 rd Edition) 2150B	Agreeable	Agreeable
3	Temperature	Deg C	APHA (23 rd Edition) 2550 B	25.00	25.00
4	Turbidity	N.T.U	APHA (23 rd Edition) 2130B	28.00	34.00
5	pH	----	APHA (23 rd Edition) 4500-H-B	7.90	7.87
6	Electrical Conductivity	us/cm	APHA (23 rd Edition) 2510 B	35500.00	42300.00
7	Salinity	mg/l	APHA (23 rd Edition) 2520B,2017	10154.00	12560.00
8	Total Suspended Solids	mg/l	APHA (23 rd Edition) 2540 D	124.00	39.00
9	Total dissolved solids	mg/l	APHA (23 rd Edition) 2540C	24602.00	29854.00
10	Total Hardness	mg/l	APHA (23 rd Edition) 2340B 2017	5194.00	5586.00
11	Calcium Hardness	mg/l	APHA (23 rd Edition) 3500-Ca B	686.00	784.00
12	Magnesium Hardness	mg/l	APHA (23 rd Edition) 3500-Mg B	4508.00	4704.00
13	Chloride (as Cl)	mg/l	APHA (23 rd Edition) 4500-Cl B	13233.00	16040.00
14	Dissolved Oxygen	mg/l	APHA (23 rd Edition)-4500-O-C/G	5.80	6.50
15	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	APHA (23 rd Edition) 5210B,2017	<2.0	<2.0
16	Chemical Oxygen Demand (COD)	mg/l	APHA (23 rd Edition) 5220B,2017	<4.0	<4.0
17	Oil & Grease	mg/l	APHA (23 rd Edition) 5220B,2017	<1.4	<1.4
18	Dissolved phosphates (as PO ₄)	mg/l	APHA (23 rd Edition) 4500-P D	<0.15	<0.15
19	Sulphate (as SO ₄)	mg/l	APHA (23 rd Edition)4500-SO4-E	421.00	364.00
20	Nitrite (as NO ₂)	mg/l	APHA (23 rd Edition)4500-NO2B	<0.01	<0.01
21	Nitrate (as NO ₃)	mg/l	APHA (23 rd Edition)4500-NO3-E	<0.5	<0.5
22	Ammonical Nitrogen (as NH ₃ -N)	mg/l	APHA (23 rd Edition)4500-NH3F	<0.1	<0.1
23	Total Nitrogen	mg/l	APHA (23 rd Edition) 4500N C	0.52	<0.3
24	Total Chromium	mg/l	APHA (23 rd Edition) 3111 D	<0.01	<0.01
25	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	APHA (23 rd Edition) 5530C	<0.001	<0.001
26	Hexavalent chromium (as Cr ⁺⁶)	mg/l	APHA (23 rd Edition) ,3500 Cr B	<0.01	<0.01
27	Copper	mg/l	APHA (23 rd Edition) 3120B	<0.02	<0.02
28	Cadmium	mg/l	APHA (23 rd Edition) 3120B	<0.001	<0.001
29	Mercury	mg/l	IS 3025(Part 48)-1994;Rffm:2014	<0.001	<0.001
30	Floating material	mg/l	APHA (23 rd Edition) 2530B	<2.5	<2.5
31	Petroleum Hydrocarbon	mg/l	IS 3025(Part 39)-1994;Rffm:2014	<0.5	<0.5

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N-5/100, Ground Floor
 IRC Village, Nayapalli
 Bhubaneswar - 751015
 [CIN: U51909WB1956PTC023037]

Date: 01.07.2021

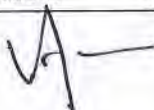
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MARINE WATER QUALITY REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Water
Sampling Location	Along Channel at 10Km
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

SL. No.	Name of the Parameters	Unit	Test Method	Analysis Result	
				Surface Water	Bottom water
1	Colour	Hazen	APHA (23 rd Edition) 2120B 2017	<1.0	<1.0
2	Odour	----	APHA (23 rd Edition) 2150B	Agreeable	Agreeable
3	Temperature	Deg C	APHA (23 rd Edition) 2550 B	25.00	25.00
4	Turbidity	N.T.U	APHA (23 rd Edition) 2130B	36.00	49.00
5	pH	----	APHA (23 rd Edition) 4500-H-B	7.75	7.83
6	Electrical Conductivity	us/cm	APHA (23 rd Edition) 2510 B	41600.00	40400.00
7	Salinity	mg/l	APHA (23 rd Edition) 2520B,2017	8754.00	6877.00
8	Total Suspended Solids	mg/l	APHA (23 rd Edition) 2540 D	52.00	71.00
9	Total dissolved solids	mg/l	APHA (23 rd Edition) 2540C	29962.00	28954.00
10	Total Hardness	mg/l	APHA (23 rd Edition) 2340B 2017	5390.00	5390.00
11	Calcium Hardness	mg/l	APHA (23 rd Edition) 3500-Ca B	784.00	644.00
12	Magnesium Hardness	mg/l	APHA (23 rd Edition) 3500-Mg B	4606.00	4508.00
13	Chloride (as Cl)	mg/l	APHA (23 rd Edition) 4500-Cl B	15940.00	16040.00
14	Dissolved Oxygen	mg/l	APHA (23 rd Edition)-4500-O-C/G	6.00	6.20
15	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	APHA (23 rd Edition) 5210B,2017	<2.0	<2.0
16	Chemical Oxygen Demand (COD)	mg/l	APHA (23 rd Edition) 5220B,2017	<4.0	<4.0
17	Oil & Grease	mg/l	APHA (23 rd Edition) 5220B,2017	<1.4	<1.4
18	Dissolved phosphates (as PO ₄)	mg/l	APHA (23 rd Edition) 4500-P D	<0.15	<0.15
19	Sulphate (as SO ₄)	mg/l	APHA (23 rd Edition)4500-SO4-E	407.00	394.00
20	Nitrite (as NO ₂)	mg/l	APHA (23 rd Edition)4500-NO2B	<0.01	<0.01
21	Nitrate (as NO ₃)	mg/l	APHA (23 rd Edition)4500-NO3-E	<0.5	<0.5
22	Ammonical Nitrogen (as NH ₃ -N)	mg/l	APHA (23 rd Edition)4500-NH3F	<0.1	<0.1
23	Total Nitrogen	mg/l	APHA (23 rd Edition) 4500N C	0.64	<0.3
24	Total Chromium	mg/l	APHA (23 rd Edition) 3111 D	<0.01	<0.01
25	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	APHA (23 rd Edition) 5530C	<0.001	<0.001
26	Hexavalent chromium (as Cr ⁺⁶)	mg/l	APHA (23 rd Edition) ,3500 Cr B	<0.01	<0.01
27	Copper	mg/l	APHA (23 rd Edition) 3120B	<0.02	<0.02
28	Cadmium	mg/l	APHA (23 rd Edition) 3120B	<0.001	<0.001
29	Mercury	mg/l	IS 3025(Part 48)-1994;Rffm:2014	<0.001	<0.001
30	Floating material	mg/l	APHA (23 rd Edition) 2530B	<2.5	<2.5
31	Petroleum Hydrocarbon	mg/l	IS 3025(Part 39)-1994;Rffm:2014	<0.5	<0.5

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Date: 01.07.2021

MARINE WATER QUALITY REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Water
Sampling Location	Near Kanika Island
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

SL. No.	Name of the Parameters	Unit	Test Method	Analysis Result	
				Surface Water	Bottom water
1	Colour	Hazen	APHA (23 rd Edition) 2120B 2017	<1.0	<1.0
2	Odour	---	APHA (23 rd Edition) 2150B	Agreeable	Agreeable
3	Temperature	Deg C	APHA (23 rd Edition) 2550 B	25.00	25.00
4	Turbidity	N.T.U	APHA (23 rd Edition) 2130B	37.00	84.00
5	pH	---	APHA (23 rd Edition) 4500-H-B	7.85	7.73
6	Electrical Conductivity	us/cm	APHA (23 rd Edition) 2510 B	42870.00	42280.00
7	Salinity	mg/l	APHA (23 rd Edition) 2520B,2017	11452.00	10223.00
8	Total Suspended Solids	mg/l	APHA (23 rd Edition) 2540 D	144.00	218.00
9	Total dissolved solids	mg/l	APHA (23 rd Edition) 2540C	30586.00	30484.00
10	Total Hardness	mg/l	APHA (23 rd Edition) 2340B 2017	4802.00	5782.00
11	Calcium Hardness	mg/l	APHA (23 rd Edition) 3500-Ca B	766.00	980.00
12	Magnesium Hardness	mg/l	APHA (23 rd Edition) 3500-Mg B	4018.00	4802.00
13	Chloride (as Cl)	mg/l	APHA (23 rd Edition) 4500-Cl B	16642.00	16441.00
14	Dissolved Oxygen	mg/l	APHA (23 rd Edition)-4500-O-C/G	6.40	6.30
15	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	APHA (23 rd Edition) 5210B,2017	<2.0	<2.0
16	Chemical Oxygen Demand (COD)	mg/l	APHA (23 rd Edition) 5220B,2017	<4.0	<4.0
17	Oil & Grease	mg/l	APHA (23 rd Edition) 5220B,2017	<1.4	<1.4
18	Dissolved phosphates (as PO ₄)	mg/l	APHA (23 rd Edition) 4500-P D	<0.15	<0.15
19	Sulphate (as SO ₄)	mg/l	APHA (23 rd Edition)4500-SO4-E	531.00	599.0
20	Nitrite (as NO ₂)	mg/l	APHA (23 rd Edition)4500-NO2B	<0.01	<0.01
21	Nitrate (as NO ₃)	mg/l	APHA (23 rd Edition)4500-NO3-E	<0.5	<0.5
22	Ammonical Nitrogen (as NH ₃ -N)	mg/l	APHA (23 rd Edition)4500-NH3F	<0.1	<0.1
23	Total Nitrogen	mg/l	APHA (23 rd Edition) 4500N C	0.90	<0.3
24	Total Chromium	mg/l	APHA (23 rd Edition) 3111 D	<0.01	<0.01
25	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	APHA (23 rd Edition) 5530C	<0.001	<0.001
26	Hexavalent chromium (as Cr ⁺⁶)	mg/l	APHA (23 rd Edition) ,3500 Cr B	<0.01	<0.01
27	Copper	mg/l	APHA (23 rd Edition) 3120B	<0.02	<0.02
28	Cadmium	mg/l	APHA (23 rd Edition) 3120B	<0.001	<0.001
29	Mercury	mg/l	IS 3025(Part 48)-1994;Rffm:2014	<0.001	<0.001
30	Floating material	mg/l	APHA (23 rd Edition) 2530B	<2.5	<2.5
31	Petroleum Hydrocarbon	mg/l	IS 3025(Part 39)-1994;Rffm:2014	<0.5	<0.5

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PHYTOPLANKTON MONITORING REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Sample (Phytoplankton)
Sampling Location	S1:Dhamra River Mouth S3:Liquid/Gas/Cryogenic Berth Face S2:Dry Bulk Cargo Berth Face S4:Along Channel at 1Km S5:Along Channel at 5Km S6: Along Channel at 10Km S7:Near Kanika Island
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

Name of the Parameters		Total count	No of species	Chlorophyll-a	Major Species
Unit		Units/L	Nos.	mg/l	----
Testing Method		APHA 10200	APHA 10200	APHA 10200H	APHA (23 rd Edition) 10200
Analysis Result					
S-1	Surface Water	18000	4	0.84	Phormidium, Zostera
	Bottom water	19000	4	0.82	Tabellaria, Synedra
S-2	Surface Water	26000	4	1.11	Enteromorpha, Nereocystis
	Bottom water	18000	3	0.82	Fragilaria, Enteromorpha
S-3	Surface Water	28000	3	1.01	Desmium, Vallisneria
	Bottom water	15000	4	0.54	Oedogonium, Phormidium
S-4	Surface Water	18000	2	1.08	Moueotia, Calothrix
	Bottom water	23000	5	0.84	Enteromorpha, Oscillatoria
S-5	Surface Water	14000	4	0.75	Vallisneria, Nereocystis
	Bottom water	19000	3	0.66	Fragilaria, Vallisneria
S-6	Surface Water	21000	4	0.45	Vallisneria, Desmium
	Bottom water	18000	2	0.62	Zostera, Calothrix
S-7	Surface Water	16000	5	0.71	Cyclotella, Enteromorpha
	Bottom water	22000	4	0.54	Vallisneria, Calothrix

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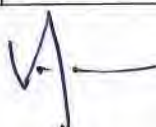
Date: 01.07.2021

PHYTOPLANKTON MONITORING REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Sample (Phytoplankton)
Sampling Location	S1:Dhamra River Mouth S3:Liquid/Gas/Cryogenic Berth Face S2:Dry Bulk Cargo Berth Face S4:Along Channel at 1Km S5:Along Chanel at 5Km S6: Along Channel at 10Km S7:Near Kanika Island
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

Name of the Parameters		Total count	No of species	Chlorophyll-a	Major Species
Unit		Units/L	Nos.	mg/l	----
Testing Method		APHA 10200	APHA 10200	APHA 10200H	APHA (23 rd Edition) 10200
Analysis Result					
S-1	Surface Water	18000	4	0.84	Phormidium, Zostera
	Bottom water	19000	4	0.82	Tabellaria, Synedra
S-2	Surface Water	26000	4	1.11	Enteromorpha, Nereocystis
	Bottom water	18000	3	0.82	Fragilaria, Enteromorpha
S-3	Surface Water	28000	3	1.01	Desmium, Vallisneria
	Bottom water	15000	4	0.54	Oedogonium, Phormidium
S-4	Surface Water	18000	2	1.08	Moueotia, Calothrix
	Bottom water	23000	5	0.84	Enteromorpha, Oscillatoria
S-5	Surface Water	14000	4	0.75	Vallisneria, Nereocystis
	Bottom water	19000	3	0.66	Fragilaria, Vallisneria
S-6	Surface Water	21000	4	0.45	Vallisneria, Desmium
	Bottom water	18000	2	0.62	Zostera, Calothrix
S-7	Surface Water	16000	5	0.71	Cyclotella, Enteromorpha
	Bottom water	22000	4	0.54	Vallisneria, Calothrix

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Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



Date: 01.07.2021

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MICROBIOLOGICAL MONITORING REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Sample (Microbiological)
Sampling Location	S1:Dhamra River Mouth S3:Liquid/Gas/Cryogenic Berth Face S2:Dry Bulk Cargo Berth Face S4:Along Channel at 1Km S5:Along Channel at 5Km S6: Along Channel at 10Km S7:Near Kanika Island
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

Name of the Parameters	Total Bacteria count	Total Coliform	Faecal Coliform	E. coli	Enterococcus	Salmonella	Shigella	Vibrio
Unit	CFU/ml	MPN/100ml	MPN/100ml	MPN/100ml	CFU/ml	/100ml	/100ml	/100ml
Testing Method	APHA 5 th Edn	APHA 9221 B	APHA 9221 E	APHA 9221 F	IS 5887(Part-II)	IS 5887(Part-III)	IS 5887(Part-VII)	IS 5887(Part-V)
Analysis Result								
S-1	Surface Water	70.0	<1.8	<1.8	<1.8	<1.0	Absent	Absent
	Bottom water	43.0	<1.8	<1.8	<1.8	<1.0	Absent	Absent
S-2	Surface Water	125.0	6.8	<1.8	<1.8	<1.0	Absent	Absent
	Bottom water	55.0	Absent	<1.8	<1.8	<1.0	Absent	Absent
S-3	Surface Water	140.0	11.0	<1.8	<1.8	<1.0	Absent	Absent
	Bottom water	50.0	<1.8	<1.8	<1.8	<1.0	Absent	Absent
S-4	Surface Water	46.0	<1.8	<1.8	<1.8	<1.0	Absent	Absent
	Bottom water	117.0	15.0	<1.8	<1.8	<1.0	Absent	Absent
S-5	Surface Water	80.0	6.8	<1.8	<1.8	<1.0	Absent	Absent
	Bottom water	40.0	<1.8	<1.8	<1.8	<1.0	Absent	Absent
S-6	Surface Water	67.0	<1.8	<1.8	<1.8	<1.0	Absent	Absent
	Bottom water	76.0	<1.8	<1.8	<1.8	<1.0	Absent	Absent
S-7	Surface Water	70.0	<1.8	<1.8	<1.8	<1.0	Absent	Absent
	Bottom water	82.0	<1.8	<1.8	<1.8	<1.0	Absent	Absent

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Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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Date: 01.01.2021

PRIMARY PRODUCTIVITY MONITORING REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Sample (Productivity)
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

Sl. No.	Monitoring Location		Gross Primary productivity (O ₂ mg/L/day)	Net Primary productivity (O ₂ mg/L/day)
1	S1:Dhamra River Mouth	Surface Water	2.3	1.3
		Bottom water	2.5	1.2
2	S2:Dry Bulk Cargo Berth Face	Surface Water	2.2	1.1
		Bottom water	2.2	1.2
3	S3:Liquid/Gas/Cyrogenic Berth Face	Surface Water	1.9	0.9
		Bottom water	2.2	1.0
4	S4:Along Channel at 1Km	Surface Water	1.8	1.0
		Bottom water	2.0	0.9
5	S5:Along Chanel at 5Km	Surface Water	2.1	1.0
		Bottom water	1.7	0.8
6	S6: Along Channel at 10Km	Surface Water	2.2	1.1
		Bottom water	2.4	1.4
7	S7:Near Kanika Island	Surface Water	2.2	1.4
		Bottom water	2.1	1.2

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Date: 01.07.2021

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PHYTO BENTHOS MONITORING REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/000592
Type of Sample	Marine Sample
Sampling Location	S1:Dhamra River Mouth S3:Liquid/Gas/Cryogenic Berth Face S2:Dry Bulk Cargo Berth Face S4:Along Channel at 1Km S5:Along Channel at 5Km S6: Along Channel at 10Km S7:Near Kanika Island
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

Name of the Parameters		Fungus	Total Count	No of species	Diversity Index	Major species
Unit		CFU/g dry wt.	50 mg wet sediment	Nos.	--	--
Testing Method		APHA 9610 B	APHA 9215 B,C	APHA 10500 B	By Calculation (Shanon's Index)	APHA 10500 B
Analysis Result						
S-1	Surface Water	2900	224	15	0.6452	Ditylum, N.longsigma
	Bottom water	1480	234	18	0.7285	N.longsigma
S-2	Surface Water	2100	219	14	0.6412	Copepods
	Bottom water	1620	197	8	0.5175	Podasira,
S-3	Surface Water	2300	250	12	0.6521	Ctenophora, Copepods
	Bottom water	1100	197	9	0.4867	Ditylum,
S-4	Surface Water	2500	274	31	0.8549	Ditylum, Copepods
	Bottom water	1900	212	17	0.6882	N.longsigma, Echinodermata
S-5	Surface Water	2600	324	42	1.7216	Podasira, Copepods
	Bottom water	2000	201	9	0.6402	Ditylum, Echinodermata
S-6	Surface Water	2400	256	18	0.8100	Podasira, Ditylum
	Bottom water	2100	324	21	0.9064	Echinodermata, Copepods
S-7	Surface Water	1800	275	6	0.6224	N.longsigma, Podasira
	Bottom water	1520	166	8	0.4217	Ctenophora

Prepared By -




Checked By-



Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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Date: 01.07.2021

TOTAL FAUNA MONITORING REPORT

Client Name & Address	M/s The Dhamra Port Company Limited, Dosinga, Bhadrak, Odisha
Work Order No.	4800058096
Reference No.	MSKGL/ED/2020-21/001552
Type of Sample	Marine Sample
Sampling Location	S1:Dhamra River Mouth S3:Liquid/Gas/Cryogenic Berth Face S2:Dry Bulk Cargo Berth Face S4:Along Channel at 1Km S5:Along Chanel at 5Km S6: Along Channel at 10Km S7:Near Kanika Island
Date of Sampling	18.06.2021
Date of Analysis	19.06.2021 to 30.06.2021
Sampling Done by	Mr. Kunja Bihari Nayak

Name of the Parameters		Name of phylum	Class & No. of individuals encountered	Total no of species encountered	Total fauna per m³
Testing Method		APHA 10700	APHA 10700	APHA 10700	APHA 10700
Analysis Result					
S-1	Surface Water	Annelida, Mollusca	Plychaeta-58,Bivalvia-17	75	118
	Bottom water	Annelida, Mollusca	Plychaeta-24,Bivalvia-14	64	164
S-2	Surface Water	Annelida, Mollusca	Plychaeta-32,Bivalvia-22	90	208
	Bottom water	Annelida, Mollusca	Plychaeta-27,Bivalvia-16	60	147
S-3	Surface Water	Anthropoda, Annelida	Plychaeta-33,Bivalvia-19	92	225
	Bottom water	Annelida, Mollusca	Plychaeta-41,Bivalvia-18	102	715
S-4	Surface Water	Annelida, Mollusca	Plychaeta-50,Bivalvia-24	78	368
	Bottom water	Annelida, Mollusca	Plychaeta-42,Bivalvia-16	120	941
S-5	Surface Water	Annelida, Mollusca	Plychaeta-62,Bivalvia-21	80	424
	Bottom water	Annelida, Mollusca	Plychaeta-57,Bivalvia-18	91	528
S-6	Surface Water	Anthropoda, Annelida	Malagostraca-33,Pelecypoda-47	124	870
	Bottom water	Annelida, Mollusca	Plychaeta-62,Gastropoda-20	61	221
S-7	Surface Water	Anthropoda, Annelida	Malagostraca-22,Pelecypoda-14	115	743
	Bottom water	Anthropoda, Annelida	Plychaeta-52,Gastropoda-20	56	330

Prepared By –



Checked By-

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT: DOSINGA, PO: DHAMRA
DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/431
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/00780
Sample Description : Sea Sediment
Sampling Location : Dredging Disposal Site
Date of sampling : 03.06.2021

ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	8.08
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	12134.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	1.60
4.	Moisture content	%	Lab Method	33.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	7800.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	1240.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	16.00
9	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	254.00
10	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	588.00
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	4970.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	308.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	23.00
14.	Nickel (as Ni)	mg/kg	EPA 6010D	62.00
15.	Zinc (as Zn)	mg/kg	EPA 6010D	36.00
16.	Manganese (as Mn)	mg/kg	EPA 6010D	378.00



Ref. No. BBS/431

Date- 01.07.2021

17.	Lead (as Pb)	mg/kg	EPA 6010D	16.00
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	<5.0
19.	Aluminium (as Al)	mg/kg	EPA 6010D	5870.0
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	24.00
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	722.00
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	661.0 0
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	33.00
26.	Silt	%	TPM/MSK/P&E/1/36A	23.00
27.	Clay	None	TPM/MSK/P&E/1/36A	44.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay Loam


Biological Result

Sl No.	Parameters	Unit	Results
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1577
2.	Total count (Phytobenthos)	50 mg wet sediment	302
3.	No of species (Phytobenthos)	Nos.	5
4.	Diversity index (Phytobenthos)	----	1.88
5.	Major Species (phytobenthos)	----	<i>Coscinodiscus sp., Biddulphia mobilensis</i>
6.	Name of Phylum (Fauna)	----	Annelida, Mollusca
7.	Class & Number of individuals encountered (Fauna)	----	Polychaeta-40, Bivalvia-20
8.	Total no. of species encountered (Fauna)	Nos.	24
9.	Total fauna (Fauna)	per m ³	198

Report Prepared by:




For Mitra S.K. Private Limited


 Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT: DOSINGA, PO: DHAMRA
DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/432
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/00781
Sample Description : Sea Sediment
Sampling Location : Dredging Area
Date of sampling : 03.06.2021

ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	8.13
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	13470.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	0.96
4.	Moisture content	%	Lab Method	28.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	7800.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	1180.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	18.00
9	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	266.00
10	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	612.00
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	5400.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	162.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	27.00
14.	Nickel (as Ni)	mg/kg	EPA 6010D	60.00
15.	Zinc (as Zn)	mg/kg	EPA 6010D	26.00
16.	Manganese (as Mn)	mg/kg	EPA 6010D	325.00

Ref. No. BBS/432

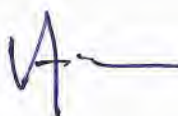
Date- 01.07.2021

17.	Lead (as Pb)	mg/kg	EPA 6010D	14.00
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	<5.0
19.	Aluminium (as Al)	mg/kg	EPA 6010D	7650.00
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	126.00
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	597.00
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	512.00
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	45.00
26.	Silt	%	TPM/MSK/P&E/1/36A	31.00
27.	Clay	None	TPM/MSK/P&E/1/36A	24.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Loam

Biological Result

<u>Sl No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Results</u>
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1620
2.	Total count (Phytobenthos)	50 mg wet sediment	324
3.	No of species (Phytobenthos)	Nos.	6
4.	Diversity index (Phytobenthos)	----	1.78
5.	Major Species (phytobenthos)	----	<i>Biddulphia mobilensis</i> ,
6.	Name of Phylum (Fauna)	----	Annelida, Mollusca
7.	Class & Number of individuals encountered (Fauna)	----	Polychaeta-55,Bivalvia-11
8.	Total no. of species encountered (Fauna)	Nos.	29
9.	Total fauna (Fauna)	per m ³	178

Report Prepared by:




For Mitra S.K. Private Limited


 Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT: DOSINGA, PO: DHAMRA
DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/433
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/00800
Sample Description : Sea Sediment
Sampling Location : Dredging Disposal Site
Date of sampling : 18.06.2021

ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	7.67
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	1701.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	0.88
4.	Moisture content	%	Lab Method	32.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	1215.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	279.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	16.00
9	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	21.00
10	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	17.40
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	1674.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	157.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	25.00
14.	Nickel (as Ni)	mg/kg	EPA 6010D	10.60
15.	Zinc (as Zn)	mg/kg	EPA 6010D	28.00
16.	Manganese (as Mn)	mg/kg	EPA 6010D	184.00


Ref. No. BBS/433

Date- 01.07.2021

17.	Lead (as Pb)	mg/kg	EPA 6010D	10.00
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	<5.0
19.	Aluminium (as Al)	mg/kg	EPA 6010D	2019.00
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	15.10
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	387.00
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	287.00
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	30.00
26.	Silt	%	TPM/MSK/P&E/1/36A	28.00
27.	Clay	None	TPM/MSK/P&E/1/36A	42.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay Loam

Biological Result

<u>Sl No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Results</u>
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1548
2.	Total count (Phytobenthos)	50 mg wet sediment	322
3.	No of species (Phytobenthos)	Nos.	6
4.	Diversity index (Phytobenthos)	----	1.77
5.	Major Species (phytobenthos)	----	<i>Biddulphia mobilensis, Spirulina aeruginea</i>
6.	Name of Phylum (Fauna)	----	Annelida, Mollusca
7.	Class & Number of individuals encountered (Fauna)	----	Plychaeta-64,Bivalvia-17
8.	Total no. of species encountered (Fauna)	Nos.	21
9.	Total fauna (Fauna)	per m ³	249

Report Prepared by: 

For Mitra S.K. Private Limited


 Authorized Signatory

Mitra S. K. Private Limited

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IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT: DOSINGA, PO: DHAMRA
DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/434
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/00801
Sample Description : Sea Sediment
Sampling Location : Dredging Area
Date of sampling : 18.06.2021

ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	8.01
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	13470.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	0.92
4.	Moisture content	%	Lab Method	29.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	6457.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	107.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	<3.0
9	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	4.60
10	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	9.30
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	1932.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	166.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	16.80
14.	Nickel (as Ni)	mg/kg	EPA 6010D	7.60
15.	Zinc (as Zn)	mg/kg	EPA 6010D	25.00
16.	Manganese (as Mn)	mg/kg	EPA 6010D	161.00

Ref. No. BBS/434

Date- 01.07.2021

17.	Lead (as Pb)	mg/kg	EPA 6010D	7.30
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	<5.0
19.	Aluminium (as Al)	mg/kg	EPA 6010D	6452.00
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	45.00
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	279.00
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	246.00
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	40.00
26.	Silt	%	TPM/MSK/P&E/1/36A	24.00
27.	Clay	None	TPM/MSK/P&E/1/36A	26.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay


Biological Result

SI No.	Parameters	Unit	Results
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1174
2.	Total count (Phytobenthos)	50 mg wet sediment	331
3.	No of species (Phytobenthos)	Nos.	6
4.	Diversity index (Phytobenthos)	----	2.45
5.	Major Species (phytobenthos)	----	<i>Biddulphia mobilensis, Nizschia distans</i>
6.	Name of Phylum (Fauna)	----	Annelida, Mollusca
7.	Class & Number of individuals encountered (Fauna)	----	Polychaeta-75, Bivalvia-30
8.	Total no. of species encountered (Fauna)	Nos.	27
9.	Total fauna (Fauna)	per m ³	190

Report Prepared by:




For Mitra S.K. Private Limited


 Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT: DOSINGA, PO: DHAMRA
DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/435
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/00979
Sample Description : Sea Sediment
Sampling Location : Dhamra River Mouth
Date of sampling : 18.06.2021

ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	7.96
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	4012.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	1.80
4.	Moisture content	%	Lab Method	35.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	1815.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	612.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	BDL
9	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	6.00
10	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	6.80
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	2571.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	569.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	4.30
14.	Nickel (as Ni)	mg/kg	EPA 6010D	1.70
15.	Zinc (as Zn)	mg/kg	EPA 6010D	7.90
16.	Manganese (as Mn)	mg/kg	EPA 6010D	BDL

Ref. No. BBS/435

Date- 01.07.2021

17.	Lead (as Pb)	mg/kg	EPA 6010D	5.70
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	4.30
19.	Aluminium (as Al)	mg/kg	EPA 6010D	BDL
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	3.80
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	10.30
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	8.60
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	38.00
26.	Silt	%	TPM/MSK/P&E/1/36A	22.00
27.	Clay	None	TPM/MSK/P&E/1/36A	40.0
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay Loam


Biological Result

<u>Sl No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Results</u>
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1844
2.	Total count (Phytobenthos)	50 mg wet sediment	154
3.	No of species (Phytobenthos)	Nos.	4
4.	Diversity index (Phytobenthos)	----	0.9122
5.	Major Species (phytobenthos)	----	<i>Coscinodiscus, Pleurosigma</i>
6.	Name of Phylum (Fauna)	----	Annelida, Mollusca
7.	Class & Number of individuals encountered (Fauna)	----	Polychaeta-31, Bivalvia-14
8.	Total no. of species encountered (Fauna)	Nos.	34
9.	Total fauna (Fauna)	per m ³	164

Report Prepared by:




For Mitra S.K. Private Limited


 Authorized Signatory

Ref. No. BBS/436

Date- 01.07.2021

17.	Lead (as Pb)	mg/kg	EPA 6010D	2.60
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	5.00
19.	Aluminium (as Al)	mg/kg	EPA 6010D	BDL
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	1.14
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	12.00
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	8.20
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	41.00
26.	Silt	%	TPM/MSK/P&E/1/36A	22.00
27.	Clay	None	TPM/MSK/P&E/1/36A	37.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay Loam


Biological Result

<u>Sl No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Results</u>
1.	Fungus (Phytobenthos)	CFU/g dry wt.	2177
2.	Total count (Phytobenthos)	50 mg wet sediment	202
3.	No of species (Phytobenthos)	Nos.	4
4.	Diversity index (Phytobenthos)	----	0.8766
5.	Major Species (phytobenthos)	----	<i>Navicula, Coscinodiscus,</i>
6.	Name of Phylum (Fauna)	----	Annelida, Mollusca
7.	Class & Number of individuals encountered (Fauna)	----	Polychaeta-51,Bivalvia-17
8.	Total no. of species encountered (Fauna)	Nos.	47
9.	Total fauna (Fauna)	per m ³	274

Report Prepared by:




For Mitra S.K. Private Limited


 Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
THE DHAMRA PORT COMPANY LIMITED
AT: DOSINGA, PO: DHAMRA
DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/437
Date : 01.07.2021
Sample No. : MSKGL/ED/2020-21/06/00981
Sample Description : Sea Sediment
Sampling Location : Liquid/Gas/Cyrogenic Berth Face
Date of sampling : 18.06.2021

ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	7.95
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	4260.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	1.60
4.	Moisture content	%	Lab Method	42.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	1145.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	921.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	BDL
9	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	BDL
10	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	3.60
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	2019.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	274.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	2.60
14.	Nickel (as Ni)	mg/kg	EPA 6010D	1.50
15.	Zinc (as Zn)	mg/kg	EPA 6010D	7.30
16.	Manganese (as Mn)	mg/kg	EPA 6010D	BDL


Ref. No. BBS/437

Date- 01.07.2021


17.	Lead (as Pb)	mg/kg	EPA 6010D	7.00
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	2.90
19.	Aluminium (as Al)	mg/kg	EPA 6010D	BDL
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	2.10
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	8.40
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	3.70
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	33.00
26.	Silt	%	TPM/MSK/P&E/1/36A	24.00
27.	Clay	None	TPM/MSK/P&E/1/36A	43.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay

Biological Result

<u>Sl No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Results</u>
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1254
2.	Total count (Phytobenthos)	50 mg wet sediment	197
3.	No of species (Phytobenthos)	Nos.	6
4.	Diversity index (Phytobenthos)	----	0.8247
5.	Major Species (phytobenthos)	----	<i>Bidulphia, Pleurosigma,</i>
6.	Name of Phylum (Fauna)	----	Annelida, Mollusca
7.	Class & Number of individuals encountered (Fauna)	----	Polychaeta-40,Bivalvia-15
8.	Total no. of species encountered (Fauna)	Nos.	30
9.	Total fauna (Fauna)	per m ³	223

Report Prepared by: 

For Mitra S.K. Private Limited


 Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



TEST REPORT

T : (0674) 2362916, 2360917

F : (0674) 2362918

Name & Address of the Customer :

THE DHAMRA PORT COMPANY LIMITED

AT: DOSINGA, PO: DHAMRA

DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/438

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00982

Sample Description : Sea Sediment

Sampling Location : Along Channel at 1 km

Date of sampling : 18.06.2021


ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	7.93
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	7823.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	1.80
4.	Moisture content	%	Lab Method	40.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	1108.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	738.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	11.00
9.	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	5.70
10.	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	21.00
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	3013.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	294.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	1.90
14.	Nickel (as Ni)	mg/kg	EPA 6010D	1.40
15.	Zinc (as Zn)	mg/kg	EPA 6010D	7.30
16.	Manganese (as Mn)	mg/kg	EPA 6010D	BDL


17.	Lead (as Pb)	mg/kg	EPA 6010D	1.70
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	2.60
19.	Aluminium (as Al)	mg/kg	EPA 6010D	BDL
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	1.10
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffin:2014	11.30
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	7.20
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	28.00
26.	Silt	%	TPM/MSK/P&E/1/36A	26.00
27.	Clay	None	TPM/MSK/P&E/1/36A	46.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay

Biological Result

<u>Sl No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Results</u>
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1745
2.	Total count (Phytobenthos)	50 mg wet sediment	187
3.	No of species (Phytobenthos)	Nos.	5
4.	Diversity index (Phytobenthos)	----	0.6781
5.	Major Species (phytobenthos)	----	<i>Bidulphia, Gyrosigma</i>
6.	Name of Phylum (Fauna)	----	Annelida, Mollusca
7.	Class & Number of individuals encountered (Fauna)	----	Plychaeta-44,Bivalvia-14
8.	Total no. of species encountered (Fauna)	Nos.	28
9.	Total fauna (Fauna)	per m ³	234

Report Prepared by: 

For Mitra S.K. Private Limited


 Authorized Signatory

TEST REPORT

T : (0674) 2362916, 2360917

F : (0674) 2362918

Name & Address of the Customer :

THE DHAMRA PORT COMPANY LIMITED

AT: DOSINGA, PO: DHAMRA

DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/439

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00983

Sample Description : Sea Sediment

Sampling Location : Along Channel at 5 km

Date of sampling : 18.06.2021

ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	7.98
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	6541.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	1.80
4.	Moisture content	%	Lab Method	32.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	812.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	607.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	BDL
9.	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	2.10
10.	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	18.20
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	2963.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	307.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	1.60
14.	Nickel (as Ni)	mg/kg	EPA 6010D	1.10
15.	Zinc (as Zn)	mg/kg	EPA 6010D	8.60
16.	Manganese (as Mn)	mg/kg	EPA 6010D	BDL

17.	Lead (as Pb)	mg/kg	EPA 6010D	1.30
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	1.60
19.	Aluminium (as Al)	mg/kg	EPA 6010D	BDL
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	2.50
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	9.20
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	6.10
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	30.00
26.	Silt	%	TPM/MSK/P&E/1/36A	22.00
27.	Clay	None	TPM/MSK/P&E/1/36A	48.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay


Biological Result

<u>Sl No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Results</u>
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1652
2.	Total count (Phytobenthos)	50 mg wet sediment	230
3.	No of species (Phytobenthos)	Nos.	8
4.	Diversity index (Phytobenthos)	----	1.3645
5.	Major Species (phytobenthos)	----	<i>Navicula, Gyrosigma</i>
6.	Name of Phylum (Fauna)	----	Annelida, Mollusca
7.	Class & Number of individuals encountered (Fauna)	----	Polychaeta-72, Bivalvia-31
8.	Total no. of species encountered (Fauna)	Nos.	66
9.	Total fauna (Fauna)	per m ³	228

Report Prepared by:




For Mitra S.K. Private Limited


 Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



TEST REPORT

T : (0674) 2362916, 2360917

F : (0674) 2362918

Name & Address of the Customer :

THE DHAMRA PORT COMPANY LIMITED

AT: DOSINGA, PO: DHAMRA

DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/440

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00984

Sample Description : Sea Sediment

Sampling Location : Along Channel at 10 km

Date of sampling : 18.06.2021

ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	8.03
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	6321.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	1.90
4.	Moisture content	%	Lab Method	39.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	1124.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	529.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	BDL
9.	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	BDL
10.	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	23.10
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	2413.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	1102.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	1.30
14.	Nickel (as Ni)	mg/kg	EPA 6010D	1.20
15.	Zinc (as Zn)	mg/kg	EPA 6010D	8.10
16.	Manganese (as Mn)	mg/kg	EPA 6010D	BDL

Ref. No. BBS/440


Date- 01.07.2021

17.	Lead (as Pb)	mg/kg	EPA 6010D	1.30
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	1.10
19.	Aluminium (as Al)	mg/kg	EPA 6010D	BDL
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	2.20
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	8.30
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	4.60
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	33.00
26.	Silt	%	TPM/MSK/P&E/1/36A	20.00
27.	Clay	None	TPM/MSK/P&E/1/36A	47.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay


Biological Result

<u>Sl No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Results</u>
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1134
2.	Total count (Phytobenthos)	50 mg wet sediment	248
3.	No of species (Phytobenthos)	Nos.	10
4.	Diversity index (Phytobenthos)	----	1.1389
5.	Major Species (phytobenthos)	----	<i>Synedra, Coscinodiscuss sp.</i>
6.	Name of Phylum (Fauna)	----	Anthropoda, Annelida
7.	Class & Number of individuals encountered (Fauna)	----	Plychaeta-52,Bivalvia-19
8.	Total no. of species encountered (Fauna)	Nos.	32
9.	Total fauna (Fauna)	per m ³	262

Report Prepared by:




For Mitra S.K. Private Limited


 Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



TEST REPORT

T : (0674) 2362916, 2360917

F : (0674) 2362918

Name & Address of the Customer :

THE DHAMRA PORT COMPANY LIMITED

AT: DOSINGA, PO: DHAMRA

DIST : BHADRAK, PIN: 756171 ODISHA

Report No. : BBS/441

Date : 01.07.2021

Sample No. : MSKGL/ED/2020-21/06/00985

Sample Description : Sea Sediment

Sampling Location : Near Kanika Island

Date of sampling : 18.06.2021

ANALYSIS RESULT

<u>Sl. No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Test Method</u>	<u>Result</u>
1.	pH value	None	IS 2720 (Part 26)-1987;Rffm:2011	8.15
2.	Electrical Conductivity	us/cm	IS 3025 (Part 14)-1984;Rffm:2006	6214.00
3.	Organic Matter	%	IS 2720 (Part 22)-1972; Rffm:2015	1.70
4.	Moisture content	%	Lab Method	29.00
5.	Chloride (as Cl)	mg/kg	TPM/MSK/P&E/1/10	716.00
6.	Sulphate (as SO ₄)	mg/kg	IS 2720 (Part 27) 1977,RA 2015	1935.00
7.	Sulphide (as S)	mg/kg	TPM/MSK/P&E/1/43	<5.0
8.	Phosphate (as PO ₄)	mg/kg	TPM/MSK/P&E/1/12	BDL
9.	Phosphorus	mg/kg	TPM/MSK/P&E/1/12	BDL
10.	Iron (as Fe)	mg/kg	TPM/MSK/P&E/1/13	4.30
11.	Sodium (as Na)	mg/kg	TPM/MSK/P&E/1/4	3014.00
12.	Potassium (as K)	mg/kg	TPM/MSK/P&E/1/5	333.00
13.	Copper (as Cu)	mg/kg	EPA 6010D	1.60
14.	Nickel (as Ni)	mg/kg	EPA 6010D	1.31
15.	Zinc (as Zn)	mg/kg	EPA 6010D	5.60
16.	Manganese (as Mn)	mg/kg	EPA 6010D	BDL


Ref. No. BBS/441

Date- 01.07.2021

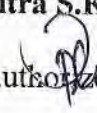
17.	Lead (as Pb)	mg/kg	EPA 6010D	1.70
18.	Boron (as B)	mg/kg	IS 13428- 2005,Annex H	2.50
19.	Aluminium (as Al)	mg/kg	EPA 6010D	BDL
20.	Total Chromium (as Cr)	mg/kg	EPA 6010D	1.80
21.	Total Nitrogen (as N)	mg/kg	IS 14684 (1999); Rffm:2014	7.60
22.	Organic Nitrogen	mg/kg	TPM/MSK/P&E/3/68	4.80
23.	Total Petroleum Hydrocarbon	mg/kg	USEPA 8015 B - Dec, 1996, 8270 D - Feb,2007	<0.05
24.	Pesticide Residue	mg/kg	USEPA 3540 C USEPA 8082	<0.5
25.	Sand	%	TPM/MSK/P&E/1/36A	35.00
26.	Silt	%	TPM/MSK/P&E/1/36A	24.00
27.	Clay	None	TPM/MSK/P&E/1/36A	41.00
28.	Texture	%	TPM/MSK/P&E/1/36A	Clay

Biological Result

<u>Sl No.</u>	<u>Parameters</u>	<u>Unit</u>	<u>Results</u>
1.	Fungus (Phytobenthos)	CFU/g dry wt.	1654
2.	Total count (Phytobenthos)	50 mg wet sediment	247
3.	No of species (Phytobenthos)	Nos.	11
4.	Diversity index (Phytobenthos)	----	1.3245
5.	Major Species (phytobenthos)	----	<i>Bidulphia, Navicula</i>
6.	Name of Phylum (Fauna)	----	Anthropoda, Annelida
7.	Class & Number of individuals encountered (Fauna)	----	Malagostraca-28, Pelecypoda-02
8.	Total no. of species encountered (Fauna)	Nos.	31
9.	Total fauna (Fauna)	per m ³	386

Report Prepared by: 

For Mitra S.K. Private Limited

Authorized Signatory 

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/500
Date : 01.08.2021
Sample Description : Ambient Air Quality
Month of Sampling : July - 2021
Sampling Location : LNG Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.07.2021	60.5	30.4	6.4	20.4	0.59	18.7	BDL	BDL	BDL	BDL	BDL	BDL
05.07.2021	72.6	35.2	7.2	24.7	0.66	20.3	BDL	BDL	BDL	BDL	BDL	BDL
08.07.2021	65.4	32.7	6.6	22.8	0.54	19.5	BDL	BDL	BDL	BDL	BDL	BDL
12.07.2021	77.2	37.8	7.4	26.4	0.72	24.1	BDL	BDL	BDL	BDL	BDL	BDL
15.07.2021	62.3	31.7	6.5	23.1	0.61	17.6	BDL	BDL	BDL	BDL	BDL	BDL
19.07.2021	68.8	33.2	6.8	23.8	0.69	21.3	BDL	BDL	BDL	BDL	BDL	BDL
22.07.2021	70.2	36.4	7.0	25.2	0.62	23.8	BDL	BDL	BDL	BDL	BDL	BDL
26.07.2021	59.1	29.3	6.2	17.5	0.42	14.5	BDL	BDL	BDL	BDL	BDL	BDL
29.07.2021	57.5	26.4	6.1	15.8	0.47	12.8	BDL	BDL	BDL	BDL	BDL	BDL
Average	65.95	32.57	6.69	22.19	0.59	19.17	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:2006 (Reaff. 2012)	IS 5182: Part 24:2019	IS 5182: Part 2:2001 (Reaff. 2012)	IS 5182: Part 6:2006 (Reaff. 2012)	IS 5182: Part 10:1999 (Reaff. 2014)	IS 5182: Part 25:2018	IS 5182: Part 09:14	EPA - IO3.4Junc, 1999	EPA - IO3.4Junc, 1999	EPA - IO3.4Junc, 1999	IS:5182(Part-11):2006 Reaff, 2012	IS:5182(Part-12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone - Spectrophotometer
Arsenic, Nickel, Lead - ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by:

S. K. Samanta

For Mitra S. K. Private Limited

Authorized Signatory



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Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/501
Date : 01.08.2021
Sample Description : Ambient Air Quality
Month of Sampling : July – 2021
Sampling Location : GKE Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.07.2021	56.8	26.4	6.3	16.8	0.48	14.3	BDL	BDL	BDL	BDL	BDL	BDL
05.07.2021	53.2	24.6	6.2	14.2	0.51	11.8	BDL	BDL	BDL	BDL	BDL	BDL
08.07.2021	65.8	31.2	6.5	22.4	0.60	19.4	BDL	BDL	BDL	BDL	BDL	BDL
12.07.2021	70.5	34.8	7.1	26.5	0.77	22.7	BDL	BDL	BDL	BDL	BDL	BDL
15.07.2021	59.6	29.4	6.4	20.8	0.45	16.8	BDL	BDL	BDL	BDL	BDL	BDL
19.07.2021	68.5	33.6	6.7	24.1	0.66	20.6	BDL	BDL	BDL	BDL	BDL	BDL
22.07.2021	74.4	36.1	7.3	27.2	0.71	23.2	BDL	BDL	BDL	BDL	BDL	BDL
26.07.2021	66.2	32.5	6.8	23.4	0.69	18.7	BDL	BDL	BDL	BDL	BDL	BDL
29.07.2021	54.8	23.4	6.1	19.1	0.42	13.4	BDL	BDL	BDL	BDL	BDL	BDL
Average	63.31	30.22	6.60	21.61	0.59	17.88	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. . 2012	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: *S. Kamga*

For Mitra S. K. Private Limited

Authorized Signatory



Mitra S. K. Private Limited



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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/502
Date : 01.08.2021
Sample Description : Ambient Air Quality
Month of Sampling : July – 2021
Sampling Location : L & T Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.07.2021	69.7	34.4	6.8	25.2	0.69	22.1	BDL	BDL	BDL	BDL	BDL	BDL
05.07.2021	78.4	36.2	7.5	28.5	0.72	26.7	BDL	BDL	BDL	BDL	BDL	BDL
08.07.2021	65.2	28.6	6.3	20.8	0.47	17.4	BDL	BDL	BDL	BDL	BDL	BDL
12.07.2021	57.1	26.2	6.1	18.4	0.41	14.6	BDL	BDL	BDL	BDL	BDL	BDL
15.07.2021	59.7	28.6	6.2	19.7	0.50	16.3	BDL	BDL	BDL	BDL	BDL	BDL
19.07.2021	72.5	35.8	7.2	27.5	0.79	24.1	BDL	BDL	BDL	BDL	BDL	BDL
22.07.2021	67.7	30.1	6.9	24.2	0.64	21.8	BDL	BDL	BDL	BDL	BDL	BDL
26.07.2021	60.6	31.3	6.5	22.4	0.49	19.4	BDL	BDL	BDL	BDL	BDL	BDL
29.07.2021	68.7	32.2	6.6	23.6	0.72	20.2	BDL	BDL	BDL	BDL	BDL	BDL
Average	66.62	31.49	6.68	23.67	0.60	20.29	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182: Part 2 :2001 (Reaff. 2012)	IS 5182: Part 6 :2006 (Reaff. 2012)	IS 5182: Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

S. Kamgo
Report Prepared by:

For Mitra S. K. Private Limited

A
Authorized Signatory



Mitra S. K. Private Limited



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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/503
Date : 01.08.2021
Sample Description : Ambient Air Quality
Month of Sampling : July – 2021
Sampling Location : Kanakprasad

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.07.2021	53.7	24.6	6.2	18.7	0.48	14.6	BDL	BDL	BDL	BDL	BDL	BDL
05.07.2021	62.1	28.4	6.4	20.1	0.51	17.8	BDL	BDL	BDL	BDL	BDL	BDL
08.07.2021	56.7	26.2	6.3	19.4	0.62	16.4	BDL	BDL	BDL	BDL	BDL	BDL
12.07.2021	68.6	30.1	6.6	22.5	0.68	20.2	BDL	BDL	BDL	BDL	BDL	BDL
15.07.2021	72.5	33.5	7.0	25.3	0.71	22.6	BDL	BDL	BDL	BDL	BDL	BDL
19.07.2021	64.8	31.2	6.7	21.6	0.55	18.4	BDL	BDL	BDL	BDL	BDL	BDL
22.07.2021	74.2	35.2	7.2	26.7	0.82	24.1	BDL	BDL	BDL	BDL	BDL	BDL
26.07.2021	50.4	22.1	6.1	17.6	0.42	12.3	BDL	BDL	BDL	BDL	BDL	BDL
29.07.2021	67.8	32.5	6.5	23.5	0.50	19.6	BDL	BDL	BDL	BDL	BDL	BDL
Average	63.42	29.31	6.55	21.71	0.59	18.44	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:2006 (Reaff. 2012)	IS 5182: Part 24:2019	IS 5182: Part 2:2001 (Reaff. 2012)	IS 5182: Part 6:2006 (Reaff. 2012)	IS 5182: Part 10:1999 (Reaff. 2014)	IS 5182: Part 25:2018	IS 5182: Part 09:14	EPA - IO3.4Junc, 1999	EPA - IO3.4Junc, 1999	EPA - IO3.4Junc, 1999	IS:5182(Part-11):2006 Reaff, 2012	IS:5182(Part-12):2004 Reaff, 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: *S. K. Ramgo*

For Mitra S. K. Private Limited

Authorized Signatory



Mitra S. K. Private Limited



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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/504
Date : 01.08.2021
Sample Description : Ambient Air Quality
Month of Sampling : July - 2021
Sampling Location : Chianipahi

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.07.2021	72.4	34.5	7.1	26.4	0.78	24.1	BDL	BDL	BDL	BDL	BDL	BDL
05.07.2021	75.6	36.2	7.4	27.6	0.72	25.4	BDL	BDL	BDL	BDL	BDL	BDL
08.07.2021	65.5	31.6	6.7	21.4	0.67	17.8	BDL	BDL	BDL	BDL	BDL	BDL
12.07.2021	69.2	32.5	6.5	20.3	0.58	18.6	BDL	BDL	BDL	BDL	BDL	BDL
15.07.2021	56.7	26.3	6.3	17.4	0.47	13.5	BDL	BDL	BDL	BDL	BDL	BDL
19.07.2021	53.5	24.6	6.1	14.6	0.41	11.6	BDL	BDL	BDL	BDL	BDL	BDL
22.07.2021	62.6	28.9	6.4	19.4	0.56	16.5	BDL	BDL	BDL	BDL	BDL	BDL
26.07.2021	58.4	27.2	6.2	18.5	0.49	14.3	BDL	BDL	BDL	BDL	BDL	BDL
29.07.2021	70.3	33.5	6.9	25.1	0.71	22.5	BDL	BDL	BDL	BDL	BDL	BDL
Average	64.91	30.59	6.62	21.19	0.60	18.25	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182: Part 2 :2001 (Reaff. 2012)	IS 5182: Part 6 :2006 (Reaff. 2012)	IS 5182: Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone - Spectrophotometer
Arsenic, Nickel, Lead - ICP (OES)
Benzene and Benzo (a) pyrene - GCM

S. K. Kamgo
Report Prepared by:



For Mitra S. K. Private Limited

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Mitra S. K. Private Limited



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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/505
Date : 01.08.2021
Sample Description : Ambient Air Quality
Month of Sampling : July - 2021
Sampling Location : Kaithkhola

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
01.07.2021	65.4	28.1	6.5	22.4	0.61	18.1	BDL	BDL	BDL	BDL	BDL	BDL
05.07.2021	62.1	27.5	6.3	20.8	0.45	17.7	BDL	BDL	BDL	BDL	BDL	BDL
08.07.2021	68.9	30.2	6.7	24.5	0.68	20.5	BDL	BDL	BDL	BDL	BDL	BDL
12.07.2021	56.7	25.8	6.4	18.5	0.55	15.3	BDL	BDL	BDL	BDL	BDL	BDL
15.07.2021	70.6	32.5	6.8	26.3	0.74	23.8	BDL	BDL	BDL	BDL	BDL	BDL
19.07.2021	67.4	29.7	6.6	25.4	0.66	22.4	BDL	BDL	BDL	BDL	BDL	BDL
22.07.2021	53.8	22.4	6.2	17.8	0.40	12.8	BDL	BDL	BDL	BDL	BDL	BDL
26.07.2021	73.4	35.6	7.2	27.4	0.75	25.1	BDL	BDL	BDL	BDL	BDL	BDL
29.07.2021	50.5	21.6	6.1	14.7	0.46	11.7	BDL	BDL	BDL	BDL	BDL	BDL
Average	63.20	28.15	6.53	21.98	0.59	18.60	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. . 2012	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone - Spectrophotometer
Arsenic, Nickel, Lead - ICP (OES)
Benzene and Benzo (a) pyrene - GCM

S. K. Sanyal
Report Prepared by:



For Mitra S. K. Private Limited

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Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Limited
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/900
Date : 01.08.2021
Sample No. : MSKGL/FD/2020-21/07/00969
Date of sampling : 16.07.2021
Sampling Description : Ground Water
Sampling Location : Adroit Camp CTCI

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0
3.	Faecal Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26 ^o C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.67
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	44.0
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	48.0
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffm: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffm: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffm:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffm:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffm:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	0.2
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	70.0
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	482.0
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	309.0
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	36.0
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	270.0
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	41.0

Mitra S. K. Private Limited



N-5/100, Ground Floor
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Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

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Ref. No. BBS/900

Date- 01.08.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffm: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffm: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffm: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffm: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

S. K. Kaur
Report Prepared by:

For Mitra S. K. Private Limited.



MA
Authorized Signatory

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Limited
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/901
Date : 01.08.2021
Sample No. : MSKGL/FD/2020-21/07/00970
Date of sampling : 16.07.2021
Sampling Description : Ground Water
Sampling Location : L&T Camp

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0
3.	Faecal Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26° C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffim: 2012	6.57
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffim: 2014	BDL(DL:1.0)
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffim: 2014	1.0
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.0002)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffim: 2014	BDL(DL:0.001)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffim: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffim: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffim:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffim:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffim: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffim:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffim: 2014	BDL(DL:0.05)
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffim: 2014	4.0
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffim:2012	32.0
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffim: 2009	18.0
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffim: 2014	0.5
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	5.0
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffim: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffim: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	32.0

Mitra S. K. Private Limited



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32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffm: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffm: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffm: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffm: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

S. K. Rangoo
Report Prepared by:

For Mitra S. K. Private Limited.



[Signature]
Authorized Signatory

Mitra S. K. Private Limited



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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Limited
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/902
Date : 01.08.2021
Sample No. : MSKGL/FD/2020-21/07/00971
Date of sampling : 16.07.2021
Sampling Description : Ground Water
Sampling Location : SNS Camp CTCI

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0
3.	Faecal Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26° C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.53
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	46.0
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	47.0
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffm: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffm: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffm:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffm:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffm:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	0.18
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	60.0
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	512.0
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	302.0
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	37.0
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	271.0
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	30.0

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Mitra S. K. Private Limited

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Ref. No. BBS/902

Date- 01.08.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffim: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffim: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffim: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffim: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

S. K. Kango
Report Prepared by:

For Mitra S. K. Private Limited.



V. K.
Authorized Signatory

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Limited
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/903
Date : 01.08.2021
Sample No. : MSKGL/FD/2020-21/07/00972
Date of sampling : 16.07.2021
Sampling Description : Ground Water
Sampling Location : QFE Camp CTCI

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0
3.	Faecal Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26 ^o C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	7.48
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	48.0
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	52.0
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffm: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffm: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffm:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffm:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffm:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	0.34
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	63.0
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	520.0
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	311.0
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	32.0
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	263.0
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	44.0

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Date- 01.08.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffm: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffm: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffm: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffm: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

S. K. Singh
Report Prepared By:

For Mitra S. K. Private Limited.



A
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Mitra S. K. Private Limited

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Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Limited
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/904
Date : 01.08.2021
Sample No. : MSKGL/FD/2020-21/07/00973
Date of sampling : 16.07.2021
Sampling Description : Drinking Water
Sampling Location : CTCI Office

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0
3.	Faecal Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26° C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	6.62
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	BDL(DL:1.0)
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	2.5
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffm: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffm: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffm:2012	BDL(DL:1.0)
13.	Odour	---	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffm:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffm:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	BDL(DL:0.05)
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	6.0
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	33.0
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	16.0
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	1.5
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	13.0
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	41.0

Ref. No. BBS/904

Date- 01.08.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffm: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffm: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffm: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffm: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

S. K. Kungu
 Report Prepared by:



For Mitra S. K. Private Limited.

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Limited
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/905
Date : 01.08.2021
Sample No. : MSKGL/FD/2020-21/07/00974
Date of sampling : 16.07.2021
Sampling Description : Drinking Water
Sampling Location : Bergen Office

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0
3.	Faecal Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26° C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	6.67
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	BDL(DL:1.0)
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	3.0
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffm: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffm: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffm:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffm:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffm:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	BDL(DL:0.05)
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	2.0
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	33.0
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	18.0
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	1.3
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	13.0
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	39.0

Ref. No. BBS/905

Date- 01.08.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffm: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffm: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffm: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffm: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

S. Kamra
 Report Prepared by:



For Mitra S. K. Private Limited.

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Limited
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/906
Date : 01.08.2021
Sample No. : MSKGL/FD/2020-21/07/00975
Date of sampling : 16.07.2021
Sampling Description : Drinking Water
Sampling Location : L&T Office

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0
3.	Faecal Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26 ^o C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffim: 2012	6.71
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffim: 2014	BDL(DL:1.0)
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffim: 2014	3.4
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffim: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffim: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffim: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffim:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffim:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffim: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffim:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffim: 2014	BDL(DL:0.05)
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffim: 2014	2.0
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffim:2012	30.0
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffim: 2009	21.0
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffim: 2014	1.3
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	14.0
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffim: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffim: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	34.0

Ref. No. BBS/906

Date- 01.08.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffm: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffm: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffm: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffm: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

S. Kango
 Report Prepared by:



For Mitra S. K. Private Limited.

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Limited
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/907
Date : 01.08.2021
Sample No. : MSKGL/FD/2020-21/07/00976
Date of sampling : 16.07.2021
Sampling Description : Drinking Water
Sampling Location : L&T Office

BACTERIOLOGICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No	Test Parameters	Units	Limit	Test Method / Specification	Result
1.	E. Coli	/100ml	Not Detectable	IS: 15185 : 2016	Not Detected
2.	Total Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0
3.	Faecal Coliform	MPN/100	Not Detectable	IS: 15185 : 2016	<2.0

CHEMICAL ANALYSIS RESULT AS PER IS: 10500 – 2012

Sl. No.	Test Parameter	Units	Requirement (Acceptable Limit)	Permissible limit in the absence of alternate Source	Test Method / Specification	Result
1.	pH (at 26° C)	----	6.5 - 8.5	No Relaxation	IS 3025 (Part 11)-1984 Rffm: 2012	6.52
2.	Sulphate (as SO ₄)	mg/l	200	400	IS 3025 (Part 24)- 1986 Rffm: 2014	BDL(DL:1.0)
3.	Calcium (as Ca)	mg/l	75	200	IS 3025 (Part 40)- 1991 Rffm: 2014	5.0
4.	Arsenic (as As)	mg/l	0.01	0.05	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
5.	Lead (as Pb)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
6.	Zinc (as Zn)	mg/l	5.0	15.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
7.	Copper (as Cu)	mg/l	0.05	1.5	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
8.	Mercury (as Hg)	mg/l	0.001	No Relaxation	IS 3025 (Part 48)-1994 Rffm: 2014	BDL(DL:0.0002)
9.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.001)
10.	Mineral Oil	mg/l	0.5	No Relaxation	IS 3025 (Part 39)-1991 Rffm: 2014	BDL(DL:0.5)
11.	Fluoride (as F)	mg/l	1.0	1.5	IS 3025 (Part 60)- 2008 Rffm: 2013	BDL(DL:0.2)
12.	Colour	Hazen	5	15	3025 (Part 4)-1983; Rffm:2012	BDL(DL:1.0)
13.	Odour	----	Agreeable	Agreeable	IS 3025 (Part 5)-1983 Rffm:2012	Agreeable
14.	Turbidity	N.T.U	1	5	IS 3025 (Part 10)-1984 Rffm: 2012	BDL(DL:1.0)
15.	Residual free Chlorine	mg/l	0.2	1.0	IS 3025 (Part 26)- 1986 Rffm:2014	BDL(DL:0.1)
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	IS 3025 (Part 53)-1988 Rffm: 2014	BDL(DL:0.05)
17.	Chloride (as Cl)	mg/l	250	1000	IS 3025 (Part 32)-1988 Rffm: 2014	9.0
18.	Total Dissolved Solids	mg/l	500	2000	IS 3025 (Part 16)-1984; Rffm:2012	32.0
19.	Alkalinity (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 23)- 1986 Rffm: 2009	12.0
20.	Aluminium (as Al)	mg/l	0.03	0.2	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
21.	Magnesium (as Mg)	mg/l	30	100	IS 3025 (Part 46)-1994 Rffm: 2014	1.0
22.	Total Hardness (as CaCO ₃)	mg/l	200	600	IS 3025 (Part 21)-2013	17.0
23.	Boron (as B)	mg/l	0.5	1.0	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.3)
24.	Manganese (as Mn)	mg/l	0.1	0.3	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.02)
25.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	IS 3025 (Part 34)-1988 Rffm: 2014	BDL(DL:0.4)
26.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	IS 3025 (Part 43)- 1992; Rffm: 2014	BDL(DL:0.001)
27.	Selenium (as Se)	mg/l	0.01	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
29.	Silver (as Ag)	mg/l	0.1	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.005)
30.	Barium (as Ba)	mg/l	0.7	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.1)
31.	Salinity	mg/l	----	----	IS 3025 (Part 14)- 2013	45.0

Ref. No. BBS/906

Date- 01.08.2021

32.	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	IS 3025 (Part 29)- 1991; Rffm: 2014	BDL(DL:0.02)
33.	Ammonia (as total ammonia-N)	mg/l	0.5	No Relaxation	IS 3025 (Part 34)- 1988; Rffm: 2014	BDL(DL:0.1)
34.	Chloramines	mg/l	4.0	No Relaxation	IS 3025 (Part 26)- 1986; Rffm: 2014	BDL(DL:0.1)
35.	Nickel (as Ni)	mg/l	0.02	No Relaxation	IS 3025 (Part 2) 2004 RA 2014	BDL(DL:0.01)
36.	Cyanide (as CN)	mg/l	0.05	No Relaxation	IS 3025 (Part 27)- 1986 Rffm: 2014	BDL(DL:0.01)
37.	Anionic Detergents (as MBAS)	mg/l	0.2	1.0	IS 13428(Annex K)- 2005	BDL(DL:0.05)
38.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	0.0001	No Relaxation	APHA (23 rd Edtn.) 6440C	BDL(DL:0.0001)
39.	Polychlorinated Biphenyls (PCB)	mg/l	0.0005	No Relaxation	US EPA 8082	BDL(DL:0.0005)

S. K. Kanungo
Report Prepared by:



For Mitra S. K. Private Limited.

V. K.
Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/550
Date : 01.08.2021
Sample No. : MSKGL/ED/2020-21/07/01500
Sample Description : Noise (Work Zone)

Instrument Used :-
Digital Sound Level Meter - SI. No.Q665566
Model No. SL – 4033SD
Calibration Due on – 10.03.2022

Workzone Noise Level Monitoring Data

<u>Sl. No</u>	<u>Sampling Date</u>	<u>Sampling Location</u>	<u>MAX</u>	<u>MIN</u>	<u>Results in Avg Leq dB(A)</u>
1.	28.07.2021	CTC Office	66.8	47.4	56.7
2.	29.07.2021	Jetty	81.2	56.2	66.4
3.	30.07.2021	Bergen Office	70.2	50.4	58.3
4.	31.07.2021	Tank	69.8	49.7	57.5

OSHA'S Permissible Noise Exposure Limits

<u>Noise Level</u>	<u>Exposure Limit</u>
90 dBA	8.0 hours

S. Kamra
Report Prepared by:



For Mitra S.K. Private Limited

VA
Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



TEST REPORT

T : (0674) 2362916, 2360917
F : (0674) 2362918

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/520
Date : 01.08.2021
Sample No. : MSKGL/ED/2020-21/07/01566
Sample Description : Ambient Noise

Instrument Used :-
Digital Sound Level Meter - Sl. No.Q665566
Model No. SL - 4033SD
Calibration Due on - 10.03.2022

Noise Level Monitoring Data

Sl. No	Sampling Date	Sampling Location	Day L Time dB(A)			Night Time L dB(A)		
			MAX	MIN	AVG.	MAX	MIN	AVG.
1.	07.07.2021	LNG Office	61.2	38.8	51.2	40.1	36.4	37.5
2.	14.07.2021	GKE Office	72.8	49.6	60.4	44.7	38.6	40.2
3.	17.07.2021	L&T Office	69.4	47.2	56.6	54.4	41.8	46.7
4.	20.07.2021	Kanakprasad	54.8	37.2	45.1	42.1	36.2	38.4
5.	23.07.2021	Chianipahi	52.7	36.4	42.8	40.7	35.6	36.9
6.	27.07.2021	Kaithkhola	50.4	36.2	41.7	43.6	38.1	39.5

Noise Limit as per CPCB

Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial Area	75	70	
Commercial Area	65	55	
Residential Area	55	45	
Silence Zone	50	40	

S. K. Kamra
Report Prepared by:



For Mitra S. K. Private Limited

[Signature]
Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd
C/O Dhamra Port Company Ltd
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/899
Date : 01.08.2021
Sample No. : MSKGL/ED/2021-22/07/00988
Date of sampling : 01.07.2021 to 31.07.2021
Sampling Location : LNG Office
Sampling Done By : Mr. JAGADISH DHURUA

Year	Month	Day	Hour	Temperature (°C)	Relative Humidity (%)	Wind Dir (Deg)	Wind Speed (Km/Hr)	Rainfall (mm)	Barometric pressure mm in Hg	Solar Rad (wat/m2)
2021	7	1	1	29.8	70.8	221	8	0	753.0	0
2021	7	1	2	29.6	70.1	252	9	0	756.4	0
2021	7	1	3	29.2	72.3	223	11	0	752.2	0
2021	7	1	4	28.8	76.2	234	9	0	748.6	0
2021	7	1	5	28.8	78.2	240	9	0	754.5	0
2021	7	1	6	28.7	80.2	225	12	0	751.6	0
2021	7	1	7	28.8	81.6	214	16	0	755.8	17
2021	7	1	8	29.4	79.5	231	16	0	752.4	87
2021	7	1	9	30.4	74.9	225	12	0	755.6	196
2021	7	1	10	31.1	72.5	225	20	0	750.8	240
2021	7	1	11	32.1	67.7	223	14	0	757.0	332
2021	7	1	12	32.7	64.4	237	9	0	751.8	373
2021	7	1	13	33.3	61.8	224	19	0	756.7	428
2021	7	1	14	34.4	61.6	208	14	0	749.6	561
2021	7	1	15	34.8	60.4	190	14	0	758.0	524
2021	7	1	16	33.9	64.2	182	20	0	753.6	354
2021	7	1	17	32.8	67.8	196	17	0	754.0	217
2021	7	1	18	32	66.6	192	19	0	758.7	147
2021	7	1	19	31.4	68.7	190	16	0	754.1	43
2021	7	1	20	31	70.1	218	12	0	753.3	2
2021	7	1	21	30.6	69.5	204	12	0	752.4	0
2021	7	1	22	30.4	70.7	218	6	0	751.9	0
2021	7	1	23	29.6	76.9	249	25	0	750.2	0
2021	7	1	24	28.9	75.1	105	19	0	748.5	0
2021	7	2	1	29.1	70.7	73	19	0	758.2	0
2021	7	2	2	29.3	72.5	43	30	0	751.4	0
2021	7	2	3	29.3	80.9	83	32	0	752.7	0
2021	7	2	4	29.8	81.3	189	16	0	755.6	0
2021	7	2	5	29.7	83.2	153	8	0	752.6	0
2021	7	2	6	29.2	84.3	135	11	0	749.2	0
2021	7	2	7	29.1	81.8	240	9	0	752.5	16
2021	7	2	8	29.4	71.7	249	8	0	753.2	100
2021	7	2	9	30.9	62.9	269	11	0	751.6	186
2021	7	2	10	32.5	54.8	258	14	0	750.8	536
2021	7	2	11	33.8	49.1	264	14	0	749.2	719
2021	7	2	12	34.6	49.1	265	12	0	752.1	614
2021	7	2	13	35.1	49.1	254	12	0	750.7	524
2021	7	2	14	35.2	51.3	224	9	0	748.0	435
2021	7	2	15	36.1	46.9	208	8	0	751.2	580
2021	7	2	16	35.3	48.4	201	20	0	753.0	626
2021	7	2	17	35.1	54.7	197	19	0	752.2	548
2021	7	2	18	33.5	52.5	211	20	0	753.1	347
2021	7	2	19	32.4	62.6	197	19	0	752.6	113
2021	7	2	20	30.9	66.4	179	20	0	751.8	6
2021	7	2	21	30.3	66.4	179	16	0	750.8	0
2021	7	2	22	30	67.7	156	12	0	754.0	0
2021	7	2	23	29.7	70.7	247	8	0	749.8	0
2021	7	2	24	29.6	68.3	242	4	0	752.0	0
2021	7	3	1	29.6	71.5	256	11	0	750.2	0
2021	7	3	2	28.7	74.9	175	8	0	748.8	0
2021	7	3	3	28.4	75.6	244	6	0	758.6	0
2021	7	3	4	28.3	76.3	251	6	0	749.5	0

2021	7	3	5	28	79	230	8	0	751.1	0
2021	7	3	6	27.7	81.4	221	8	0	753.8	0
2021	7	3	7	27.7	78.1	240	9	0	755.2	17
2021	7	3	8	29.1	68.2	268	9	0	750.4	96
2021	7	3	9	30.7	63	264	11	0	754.2	152
2021	7	3	10	31.4	56.1	269	17	0	750.0	503
2021	7	3	11	32.4	53.5	264	17	0	749.9	749
2021	7	3	12	33.2	49.3	255	22	0	748.2	851
2021	7	3	13	34.3	46.7	258	19	0	749.8	923
2021	7	3	14	34.7	47.1	259	16	0	750.0	719
2021	7	3	15	34.8	49.1	259	12	0	754.8	494
2021	7	3	16	34.3	52.8	230	8	0	751.4	289
2021	7	3	17	33.8	55.7	231	11	0	752.3	232
2021	7	3	18	33.2	57.2	231	9	0	753.8	112
2021	7	3	19	33	61.1	208	4	0	752.6	65
2021	7	3	20	31.7	68.1	159	11	0	750.0	5
2021	7	3	21	30.6	72.9	172	14	0	751.7	0
2021	7	3	22	30.2	72.9	151	9	0	754.0	0
2021	7	3	23	30.2	71.7	203	8	0	750.9	0
2021	7	3	24	29.9	72.8	173	8	0	751.0	0
2021	7	4	1	29.7	71.2	258	9	0	750.7	0
2021	7	4	2	29.4	73.7	276	8	0	752.3	0
2021	7	4	3	29	77.8	234	8	0	751.4	0
2021	7	4	4	28.8	78.3	249	6	0	754.6	0
2021	7	4	5	28.9	77.1	248	4	0	752.3	0
2021	7	4	6	28.8	75.6	266	6	0	753.5	0
2021	7	4	7	28.9	75.2	279	6	0	755.4	17
2021	7	4	8	29.9	69.2	194	4	0	752.9	99
2021	7	4	9	30.9	64.5	262	6	0	753.5	178
2021	7	4	10	32.6	58.8	259	8	0	752.7	463
2021	7	4	11	33.6	54.9	269	9	0	750.0	631
2021	7	4	12	34.9	49.7	256	9	0	755.4	753
2021	7	4	13	36.1	47	251	9	0	752.4	790
2021	7	4	14	36.8	48.4	206	6	0	753.1	538
2021	7	4	15	32.9	63.8	111	30	0	754.0	156
2021	7	4	16	32.6	66.8	228	17	0	754.1	115
2021	7	4	17	29.1	79.7	242	12	0	749.0	55
2021	7	4	18	28.6	74.1	145	4	0.2	751.0	89
2021	7	4	19	29.3	72.4	132	8	0	755.3	52
2021	7	4	20	29.1	76.5	142	6	0	750.0	4
2021	7	4	21	29.1	76.5	121	6	0	752.0	0
2021	7	4	22	28.7	78.8	218	3	0	753.4	0
2021	7	4	23	28.6	77	247	11	0	752.7	0
2021	7	4	24	28.3	81.6	169	8	0	750.0	0
2021	7	5	1	28.3	76.9	173	6	0	752.6	0
2021	7	5	2	28.1	78.1	227	4	0	756.2	0
2021	7	5	3	27.8	80.6	242	8	0	753.2	0
2021	7	5	4	27.7	81.5	232	8	0	755.0	0
2021	7	5	5	27.7	81.7	230	1	0	754.1	0
2021	7	5	6	27.6	84.2	101	4	0	749.0	0
2021	7	5	7	27.6	83.3	124	4	0	753.8	16
2021	7	5	8	28.3	78.6	166	4	0	750.0	87
2021	7	5	9	29.3	74.6	155	6	0	753.2	167
2021	7	5	10	30.3	69.1	238	8	0	752.9	306
2021	7	5	11	32.3	63.8	240	6	0	751.0	424
2021	7	5	12	32.9	59.9	232	6	0	752.3	424
2021	7	5	13	33.4	58.8	228	6	0	754.0	370
2021	7	5	14	33.6	58.9	180	6	0	750.0	354
2021	7	5	15	33.8	59	199	6	0	752.9	314
2021	7	5	16	34.1	56.3	193	8	0	753.3	468
2021	7	5	17	34.9	51.9	199	12	0	754.2	520
2021	7	5	18	34.4	61.6	207	9	0	755.8	236
2021	7	5	19	32.2	65	177	12	0	751.0	60
2021	7	5	20	31.2	69.5	139	9	0	749.0	4
2021	7	5	21	30.7	74.3	192	8	0	752.0	0
2021	7	5	22	30.2	73.8	176	8	0	751.2	0
2021	7	5	23	29.9	77.8	141	9	0	750.5	0
2021	7	5	24	29.6	77	141	9	0	752.6	0
2021	7	6	1	29.5	78.9	163	6	0	750.3	0
2021	7	6	2	29.3	81.2	134	11	0	751.4	0
2021	7	6	3	29.2	80.9	114	6	0	756.1	0
2021	7	6	4	29	83.1	131	8	0	751.6	0
2021	7	6	5	28.9	84.6	163	4	0	752.0	0
2021	7	6	6	29	84.3	224	6	0	754.3	0

2021	7	6	7	28.9	84.1	197	3	0	752.3	15
2021	7	6	8	29.4	80.3	175	8	0	750.4	84
2021	7	6	9	30.8	70.5	216	8	0	751.9	234
2021	7	6	10	32.8	61.2	234	8	0	755.0	453
2021	7	6	11	34.3	57.1	232	11	0	750.9	635
2021	7	6	12	35.5	51.9	221	9	0	750.3	686
2021	7	6	13	35.6	52.7	197	8	0	752.0	536
2021	7	6	14	35	49.6	197	12	0	751.0	568
2021	7	6	15	36.7	45.3	211	14	0	751.3	754
2021	7	6	16	37.1	45.1	217	8	0	751.8	564
2021	7	6	17	36.5	55.3	240	9	0	752.4	368
2021	7	6	18	33.8	61.9	183	12	0	752.7	85
2021	7	6	19	31.5	74.7	175	9	0	752.5	34
2021	7	6	20	30.4	75.8	189	20	0	751.5	4
2021	7	6	21	30.4	73.2	172	12	0	750.8	0
2021	7	6	22	30.4	73.1	160	9	0	750.2	0
2021	7	6	23	30.4	75.8	168	8	0	749.6	0
2021	7	6	24	30.2	77.3	228	11	0	749.9	0
2021	7	7	1	29.8	78	197	9	0	750.0	0
2021	7	7	2	29.8	78.1	207	8	0	751.0	0
2021	7	7	3	29.6	79.6	189	8	0	750.5	0
2021	7	7	4	29.5	80.4	221	8	0	751.1	0
2021	7	7	5	29.4	81.5	207	8	0	749.0	0
2021	7	7	6	29.3	81.7	200	11	0	751.5	0
2021	7	7	7	29.3	82	241	9	0	748.0	7
2021	7	7	8	29.6	80.8	238	8	0	750.9	41
2021	7	7	9	29.9	78.6	232	6	0	750.9	92
2021	7	7	10	30.9	73.3	221	6	0	750.2	210
2021	7	7	11	31.9	68.8	194	8	0	749.5	286
2021	7	7	12	32.6	68.3	165	9	0	749.4	321
2021	7	7	13	32.2	70.7	168	9	0	749.6	192
2021	7	7	14	31.7	75.4	196	11	0	749.9	155
2021	7	7	15	31.6	71.6	190	16	0	750.5	211
2021	7	7	16	32.4	64.7	186	12	0	750.8	369
2021	7	7	17	32.1	72	201	12	0	754.8	164
2021	7	7	18	31.3	73.3	180	12	0	752.6	66
2021	7	7	19	30.9	75.6	162	11	0	752.6	30
2021	7	7	20	30.3	79.4	180	11	0	752.1	1
2021	7	7	21	30.1	79.6	158	8	0	750.2	0
2021	7	7	22	30	71.5	261	17	0	750.4	0
2021	7	7	23	29.1	75.7	252	16	0	750.2	0
2021	7	7	24	28.1	76.8	254	12	0	752.8	0
2021	7	8	1	28.2	77.7	249	3	0	749.9	0
2021	7	8	2	27.9	77	249	6	0	749.9	0
2021	7	8	3	27.6	74	244	12	0	750.4	0
2021	7	8	4	27.1	73.4	237	4	0	750.6	0
2021	7	8	5	27.2	75.7	247	3	0	751.3	0
2021	7	8	6	27.1	79.2	244	4	0	751.4	0
2021	7	8	7	26.9	84.1	265	6	0	751.4	5
2021	7	8	8	26.8	85.8	244	6	0	751.1	41
2021	7	8	9	27	83.8	268	6	0	751.1	59
2021	7	8	10	27.2	82.3	217	6	0	750.8	97
2021	7	8	11	28.7	71.5	264	6	0	750.7	330
2021	7	8	12	30.4	63.4	259	8	0	750.3	606
2021	7	8	13	31.9	61.8	251	11	0	750.7	581
2021	7	8	14	31.9	59.3	228	6	0	750.8	281
2021	7	8	15	32.3	59.6	200	3	0	751.7	221
2021	7	8	16	32.1	61.2	259	8	0	749.0	267
2021	7	8	17	32.7	57.1	230	4	0	752.3	283
2021	7	8	18	32.1	64.7	216	4	0	752.3	108
2021	7	8	19	31.4	62.9	175	8	0	748.5	87
2021	7	8	20	31	66.3	210	9	0	752.0	8
2021	7	8	21	30.3	70.7	152	6	0	750.2	0
2021	7	8	22	30	72.4	247	3	0	752.1	0
2021	7	8	23	29.3	77	180	3	0	752.6	0
2021	7	8	24	28.9	78.2	231	3	0	752.9	0
2021	7	9	1	28.7	79.1	96	4	0	753.2	0
2021	7	9	2	28.6	79.2	132	6	0	753.2	0
2021	7	9	3	28.6	78.5	145	6	0	753.1	0
2021	7	9	4	28.4	80.2	251	4	0	752.5	0
2021	7	9	5	28.2	80	241	4	0	751.4	0
2021	7	9	6	28.1	80	254	6	0	750.5	0
2021	7	9	7	27.9	82.5	292	4	0	749.6	23
2021	7	9	8	28.6	77.4	273	8	0	749.3	107

2021	7	9	9	30	70.6	256	9	0	750.0	218
2021	7	9	10	31.4	63.2	271	9	0	749.0	450
2021	7	9	11	32.7	57.5	256	9	0	748.0	580
2021	7	9	12	34.2	51.5	251	9	0	749.6	748
2021	7	9	13	35.7	48.9	228	8	0	750.3	719
2021	7	9	14	34.4	64.5	193	24	0	752.0	328
2021	7	9	15	30.7	75.3	96	25	0	753.0	81
2021	7	9	16	31.4	68.6	196	22	0	750.2	86
2021	7	9	17	31.8	66.4	249	8	0	749.9	144
2021	7	9	18	31.7	66.2	234	12	0	749.7	148
2021	7	9	19	31.1	69.7	218	11	0	749.5	36
2021	7	9	20	30.4	71.8	151	11	0	749.1	4
2021	7	9	21	30.1	72.9	122	8	0	749.1	0
2021	7	9	22	29.7	75.6	115	6	0	749.3	0
2021	7	9	23	29.4	77.1	104	4	0	749.6	0
2021	7	9	24	29.5	78.2	151	3	0	750.2	0
2021	7	10	1	29.2	79.8	110	6	0	750.8	0
2021	7	10	2	28.8	81.8	117	3	0	751.4	0
2021	7	10	3	28.6	84	105	4	0	751.3	0
2021	7	10	4	28.4	85.7	115	6	0	750.9	0
2021	7	10	5	28.3	86.2	112	3	0	750.6	0
2021	7	10	6	28.2	87.2	103	3	0	749.5	0
2021	7	10	7	28.2	87	108	3	0	750.7	17
2021	7	10	8	28.8	82.6	86	1	0	748.4	88
2021	7	10	9	30.1	72.6	182	3	0	748.5	194
2021	7	10	10	32	61.7	187	4	0	748.6	348
2021	7	10	11	32.6	63.7	97	9	0	752.1	560
2021	7	10	12	32.4	67.9	53	16	0	749.2	763
2021	7	10	13	31.9	63.7	53	17	0	749.5	796
2021	7	10	14	32.1	62.4	50	25	0	749.6	704
2021	7	10	15	32.6	55.7	42	22	0	750.2	693
2021	7	10	16	32.8	59	46	19	0	750.4	574
2021	7	10	17	32.4	64.2	46	17	0	749.8	427
2021	7	10	18	31.6	67.9	46	20	0	749.7	262
2021	7	10	19	31	70.1	45	22	0	749.6	108
2021	7	10	20	30.6	71.4	42	19	0	749.6	9
2021	7	10	21	30.3	72.2	39	19	0	749.3	0
2021	7	10	22	30.3	72.4	38	19	0	749.6	0
2021	7	10	23	30.2	73.4	52	22	0	749.9	0
2021	7	10	24	30.1	75	56	25	0	750.5	0
2021	7	11	1	29.9	75.1	80	22	0	751.1	0
2021	7	11	2	29.8	75.5	84	22	0	751.6	0
2021	7	11	3	29.6	78.8	86	14	0	751.5	0
2021	7	11	4	29.3	78.6	36	9	0	751.2	0
2021	7	11	5	29.3	77.9	35	11	0	750.2	0
2021	7	11	6	29.3	78	43	11	0	749.8	0
2021	7	11	7	29.3	78.6	43	12	0	749.0	17
2021	7	11	8	29.4	75.2	49	12	0	748.7	104
2021	7	11	9	30.6	64.6	52	12	0	748.9	200
2021	7	11	10	31.9	60.4	66	11	0	749.2	387
2021	7	11	11	32.2	62.5	53	14	0	749.6	625
2021	7	11	12	32.7	58.7	74	20	0	749.9	661
2021	7	11	13	32.9	59.9	67	17	0	750.5	649
2021	7	11	14	32.6	61	62	22	0	751.0	638
2021	7	11	15	32.7	61.2	77	22	0	751.2	773
2021	7	11	16	32.3	61.7	81	27	0	751.1	658
2021	7	11	17	32.2	63.1	87	32	0	750.8	535
2021	7	11	18	31.7	67.7	80	27	0	750.6	328
2021	7	11	19	31.1	68	90	32	0	750.0	152
2021	7	11	20	30.4	69.6	79	24	0	749.8	10
2021	7	11	21	30.2	73.1	62	25	0	749.9	0
2021	7	11	22	30.1	71.7	63	22	0	750.3	0
2021	7	11	23	29.7	78.7	73	37	0	750.9	0
2021	7	11	24	29.5	77.2	62	27	0	751.7	0
2021	7	12	1	29.6	74.8	52	24	0	752.2	0
2021	7	12	2	29.7	74.7	43	22	0	752.6	0
2021	7	12	3	29.7	70.1	49	27	0	752.6	0
2021	7	12	4	29.6	72.8	48	27	0	752.3	0
2021	7	12	5	28.7	85.7	60	27	0	751.4	0
2021	7	12	6	28	83.4	46	12	0	750.9	0
2021	7	12	7	28.5	78.9	48	19	0	750.2	30
2021	7	12	8	29.6	73.7	45	24	0	749.9	117
2021	7	12	9	30.3	70.3	53	30	0	754.1	220
2021	7	12	10	30.5	67.1	43	35	0	750.0	414

2021	7	12	11	30.8	65.2	52	37	0	750.3	683
2021	7	12	12	31.2	64.4	49	33	0	750.8	857
2021	7	12	13	31.4	67.9	49	32	0	751.1	913
2021	7	12	14	31.6	62.9	46	32	0	751.4	965
2021	7	12	15	31.4	63.3	49	40	0	751.6	892
2021	7	12	16	31.4	60.9	49	40	0	751.4	777
2021	7	12	17	31.2	67.4	48	35	0	751.0	397
2021	7	12	18	30.7	67.3	46	37	0	750.8	365
2021	7	12	19	30.4	66.7	48	35	0	750.5	183
2021	7	12	20	29.8	70.8	42	27	0	757.6	7
2021	7	12	21	29.6	71	43	28	0	750.4	0
2021	7	12	22	29.6	71.7	50	35	0	750.5	0
2021	7	12	23	29.6	73.5	50	32	0	750.8	0
2021	7	12	24	29.7	71.1	63	28	0	758.4	0
2021	7	13	1	29.2	76.1	93	33	0	752.1	0
2021	7	13	2	28.7	74.9	52	24	0	752.7	0
2021	7	13	3	29.4	74.9	53	22	0	752.7	0
2021	7	13	4	29.2	75.9	42	19	0	752.0	0
2021	7	13	5	28.9	77.5	45	14	0	751.2	0
2021	7	13	6	28.8	77.2	32	12	0	750.6	0
2021	7	13	7	29.1	75.9	45	14	0	750.2	24
2021	7	13	8	30.1	72.6	91	16	0	749.8	72
2021	7	13	9	30	74	112	30	0	749.8	171
2021	7	13	10	30.3	73.6	49	40	0	749.9	352
2021	7	13	11	30.4	63.4	48	37	0	750.2	671
2021	7	13	12	30.3	67.6	50	35	0	750.7	735
2021	7	13	13	30.2	74.7	59	51	0	751.1	462
2021	7	13	14	29.6	71	90	48	0	752.6	771
2021	7	13	15	30.1	70.8	81	41	0	751.5	663
2021	7	13	16	32.3	59.4	207	35	0	751.5	476
2021	7	13	17	32.9	57.6	251	11	0	751.6	456
2021	7	13	18	32.6	61.4	242	9	0	751.1	287
2021	7	13	19	32.1	62.2	238	12	0	750.6	145
2021	7	13	20	30.9	66	241	9	0	750.3	6
2021	7	13	21	29.3	75.5	125	20	0	750.5	0
2021	7	13	22	29.8	72	187	20	0	750.8	0
2021	7	13	23	29.6	71.8	98	37	0	751.2	0
2021	7	13	24	30	70.9	117	35	0	751.9	0
2021	7	14	1	29.9	70.9	175	35	0	752.7	0
2021	7	14	2	28.2	83.5	186	33	0.5	753.2	0
2021	7	14	3	27.3	82	121	8	0	753.0	0
2021	7	14	4	28.6	80.1	177	17	0	752.6	0
2021	7	14	5	29.1	76.7	101	27	0	751.8	0
2021	7	14	6	29.4	75.2	169	22	0	751.2	0
2021	7	14	7	29.6	74.5	242	6	0	750.7	29
2021	7	14	8	30.9	63.8	238	17	0	750.3	90
2021	7	14	9	32.1	61.3	247	11	0	750.2	183
2021	7	14	10	32.2	62	240	11	0	750.4	363
2021	7	14	11	33	58.7	247	20	0	750.8	613
2021	7	14	12	33	60.8	196	24	0	751.0	745
2021	7	14	13	32.8	57.2	227	30	0	751.4	819
2021	7	14	14	33.2	52.1	242	17	0	751.7	894
2021	7	14	15	33.4	55.5	240	22	0	756.8	673
2021	7	14	16	32.8	55.2	189	40	0	751.7	658
2021	7	14	17	32.3	65.4	124	37	0	750.0	513
2021	7	14	18	31.7	57.4	139	35	0	755.3	384
2021	7	14	19	30.7	66.4	97	37	0	750.8	140
2021	7	14	20	28.7	74.5	108	51	0.7	755.0	12
2021	7	14	21	28.9	76.4	199	20	0	750.2	0
2021	7	14	22	29.4	74.2	156	22	0	750.4	0
2021	7	14	23	29.7	72.4	156	24	0	751.2	0
2021	7	14	24	29.8	73.4	201	28	0	751.8	0
2021	7	15	1	29.8	73	238	9	0	753.0	0
2021	7	15	2	29.5	76.9	228	30	0	752.9	0
2021	7	15	3	29.5	74.1	244	6	0	754.0	0
2021	7	15	4	29.1	77	224	17	0	752.3	0
2021	7	15	5	29.1	75.9	249	8	0	751.9	0
2021	7	15	6	29.3	75.8	244	6	0	751.2	0
2021	7	15	7	29.3	74.5	234	12	0	750.7	12
2021	7	15	8	29.8	70.3	245	9	0	758.0	59
2021	7	15	9	31.6	63.8	216	8	0	750.0	127
2021	7	15	10	31.9	64.7	220	8	0	751.0	301
2021	7	15	11	32.2	55.9	231	20	0	750.3	571
2021	7	15	12	33.8	53.5	234	11	0	754.0	830

2021	7	15	13	33.6	61.9	159	33	0	749.8	887
2021	7	15	14	33.2	57.2	163	28	0	754.6	836
2021	7	15	15	34.3	49.2	193	25	0	751.4	893
2021	7	15	16	32.1	61.7	87	30	0	751.1	705
2021	7	15	17	32.3	66.1	110	30	0	750.8	552
2021	7	15	18	31.4	59.9	96	28	0	750.6	310
2021	7	15	19	31.4	64.2	132	24	0	750.3	115
2021	7	15	20	30.8	69.4	145	20	0	750.0	7
2021	7	15	21	30.5	71.2	144	20	0	755.2	0
2021	7	15	22	30.2	71	122	20	0	750.1	0
2021	7	15	23	30.1	69.2	189	17	0	750.3	0
2021	7	15	24	30.2	70.9	247	11	0	751.1	0
2021	7	16	1	29.9	72.8	242	9	0	752.0	0
2021	7	16	2	29.8	73.6	199	8	0	752.9	0
2021	7	16	3	29.4	73.9	118	8	0	752.9	0
2021	7	16	4	29.3	73.7	124	4	0	752.1	0
2021	7	16	5	29.1	74.2	103	6	0	751.6	0
2021	7	16	6	28.8	76.2	118	4	0	750.7	0
2021	7	16	7	28.7	75.1	101	3	0	750.3	23
2021	7	16	8	30.3	67	104	3	0	749.9	102
2021	7	16	9	31.8	60.8	134	3	0	749.8	211
2021	7	16	10	32.2	56.6	152	6	0	750.1	321
2021	7	16	11	34.4	51.5	225	4	0	750.4	644
2021	7	16	12	34.7	49.1	231	9	0	750.6	802
2021	7	16	13	36.3	45.6	240	8	0	751.0	989
2021	7	16	14	36.4	45.9	244	12	0	751.3	901
2021	7	16	15	36.7	47.4	245	12	0	751.3	861
2021	7	16	16	36.1	50.3	237	17	0	751.4	735
2021	7	16	17	34.7	54.1	249	9	0	751.1	461
2021	7	16	18	33.3	57.7	240	8	0	751.1	199
2021	7	16	19	32.3	63.9	232	12	0	750.9	94
2021	7	16	20	31.4	68.5	240	6	0	750.8	6
2021	7	16	21	30.9	67.7	234	9	0	750.7	0
2021	7	16	22	30.7	69	210	9	0	751.1	0
2021	7	16	23	30.3	71.8	141	9	0	751.9	0
2021	7	16	24	29.9	73.9	124	11	0	752.6	0
2021	7	17	1	29.6	75	129	6	0	753.7	0
2021	7	17	2	29.5	76.2	88	4	0	754.1	0
2021	7	17	3	29.3	77.1	124	4	0	753.9	0
2021	7	17	4	29.1	79.2	139	3	0	753.7	0
2021	7	17	5	28.9	80	259	3	0	752.9	0
2021	7	17	6	28.8	80.7	268	3	0	752.2	0
2021	7	17	7	28.8	80.1	193	3	0	751.7	18
2021	7	17	8	30.2	69.2	197	4	0	751.3	85
2021	7	17	9	31.6	62.1	249	9	0	751.5	210
2021	7	17	10	32.6	58.8	244	9	0	751.5	371
2021	7	17	11	33.7	51.3	252	11	0	751.8	664
2021	7	17	12	34.8	47.5	234	9	0	752.2	805
2021	7	17	13	36.3	43.4	232	9	0	753.0	868
2021	7	17	14	36.8	48	221	22	0	753.2	500
2021	7	17	15	35.2	48.2	165	30	0	753.5	647
2021	7	17	16	35.7	51	249	8	0	753.2	417
2021	7	17	17	34.7	56.1	242	9	0	753.1	304
2021	7	17	18	33.9	58.4	248	9	0	753.0	230
2021	7	17	19	32.7	60.9	242	9	0	752.9	78
2021	7	17	20	31.8	65.5	242	9	0	752.2	3
2021	7	17	21	31.2	68.1	182	11	0	752.2	0
2021	7	17	22	30.9	68.9	180	9	0	752.6	0
2021	7	17	23	30.6	69.3	165	12	0	753.1	0
2021	7	17	24	30.4	71.6	146	11	0	753.9	0
2021	7	18	1	30.3	72.3	156	4	0	754.7	0
2021	7	18	2	29.9	73.8	170	4	0	755.7	0
2021	7	18	3	29.6	76.1	141	6	0	755.9	0
2021	7	18	4	29.3	77.5	197	6	0	755.3	0
2021	7	18	5	29.2	77.1	160	6	0	754.7	0
2021	7	18	6	29.3	78.3	196	4	0	753.8	0
2021	7	18	7	29.3	75.4	201	4	0	753.0	25
2021	7	18	8	31.2	65.3	207	4	0	752.5	80
2021	7	18	9	32.6	60	255	11	0	747.8	186
2021	7	18	10	33.5	54.8	248	9	0	752.7	472
2021	7	18	11	34.6	50	240	11	0	753.1	710
2021	7	18	12	36	45.1	221	11	0	748.8	827
2021	7	18	13	36.7	46.1	214	9	0	757.3	683
2021	7	18	14	36.3	51	245	11	0	754.4	639

2021	7	18	15	35.4	48	228	19	0	754.4	607
2021	7	18	16	35.3	51.1	207	12	0	754.2	684
2021	7	18	17	35.4	53	211	12	0	753.8	426
2021	7	18	18	34	57.7	206	16	0	749.8	205
2021	7	18	19	32.4	60.3	194	19	0	754.0	56
2021	7	18	20	31.5	64.7	186	22	0	748.0	4
2021	7	18	21	30.9	68.2	158	9	0	750.2	0
2021	7	18	22	30.5	70.9	190	9	0	753.5	0
2021	7	18	23	30.3	71.8	224	8	0	754.0	0
2021	7	18	24	29.9	74.2	182	6	0	754.7	0
2021	7	19	1	29.6	76.8	187	4	0	755.3	0
2021	7	19	2	29.3	78.1	197	6	0	755.6	0
2021	7	19	3	29.3	79.3	225	8	0	755.7	0
2021	7	19	4	29.1	79.6	217	9	0	754.9	0
2021	7	19	5	28.9	79.6	210	8	0	753.9	0
2021	7	19	6	28.9	79.8	242	8	0	752.9	0
2021	7	19	7	29.1	77.3	264	6	0	752.3	24
2021	7	19	8	30.4	69.2	276	8	0	751.9	119
2021	7	19	9	30.9	67.9	249	12	0	751.5	158
2021	7	19	10	32.9	56.6	252	9	0	751.5	516
2021	7	19	11	34.1	53.7	258	11	0	751.9	529
2021	7	19	12	34.4	54.8	254	8	0	752.1	435
2021	7	19	13	34.3	54.2	232	9	0	752.6	353
2021	7	19	14	35.9	44.9	244	6	0	752.9	813
2021	7	19	15	37.5	43.8	248	14	0	752.8	854
2021	7	19	16	38.2	46.5	214	8	0	752.6	638
2021	7	19	17	35.6	58.1	238	8	0	752.4	256
2021	7	19	18	33.6	62.9	240	9	0	752.3	144
2021	7	19	19	32.5	65.8	238	9	0	751.5	53
2021	7	19	20	31.6	67.8	193	12	0	748.5	3
2021	7	19	21	31.1	69.7	183	20	0	749.5	0
2021	7	19	22	30.8	70.5	187	17	0	756.7	0
2021	7	19	23	30.7	71.3	163	12	0	751.4	0
2021	7	19	24	30.3	71.7	200	14	0	752.3	0
2021	7	20	1	29.9	75.1	238	16	0	752.9	0
2021	7	20	2	29.8	76.7	251	11	0	753.2	0
2021	7	20	3	29.5	76.8	262	11	0	753.2	0
2021	7	20	4	29.4	77	272	9	0	752.8	0
2021	7	20	5	29.1	79.1	268	9	0	752.2	0
2021	7	20	6	28.7	79	261	4	0	754.1	0
2021	7	20	7	28.7	76.4	245	9	0	750.8	19
2021	7	20	8	29.3	71	264	6	0	749.0	108
2021	7	20	9	30.6	61.8	251	6	0	750.2	206
2021	7	20	10	32.4	55.1	139	3	0	749.2	389
2021	7	20	11	33.9	52.7	216	8	0	750.5	527
2021	7	20	12	34.2	51.3	237	9	0	751.0	565
2021	7	20	13	33.4	57.6	289	12	0	750.9	602
2021	7	20	14	33.4	56.6	225	11	0	754.5	459
2021	7	20	15	33.3	58.4	276	11	0	749.6	360
2021	7	20	16	33.4	59.1	235	11	0	751.7	387
2021	7	20	17	33.4	58.2	136	14	0	750.0	352
2021	7	20	18	32.3	66.2	60	11	0	751.1	153
2021	7	20	19	31	70.1	43	16	0	751.0	51
2021	7	20	20	30.6	69.5	74	12	0	750.6	4
2021	7	20	21	31	69.8	97	11	0	750.6	0
2021	7	20	22	30.5	70.5	217	11	0	750.8	0
2021	7	20	23	28.9	70.3	242	11	0	751.4	0
2021	7	20	24	28.6	73.9	244	9	0	752.3	0
2021	7	21	1	28.3	75.2	242	16	0	752.9	0
2021	7	21	2	28.1	78.2	241	11	0	753.5	0
2021	7	21	3	28	77.8	244	9	0	753.4	0
2021	7	21	4	28	78	241	16	0	752.9	0
2021	7	21	5	27.9	80	245	14	0	752.2	0
2021	7	21	6	27.7	80.9	242	6	0	751.4	0
2021	7	21	7	27.6	81.7	228	4	0	750.8	10
2021	7	21	8	27.9	77.3	237	4	0	750.4	81
2021	7	21	9	28.8	75.6	228	4	0	750.2	121
2021	7	21	10	29.6	71.2	235	6	0	750.4	222
2021	7	21	11	31.9	62.6	162	6	0	750.5	367
2021	7	21	12	31.7	67.2	256	8	0	751.0	412
2021	7	21	13	31	75	259	11	0	751.7	316
2021	7	21	14	31.4	68.2	245	16	0	752.1	393
2021	7	21	15	32.6	59.8	204	12	0	752.3	633
2021	7	21	16	32.9	63.7	73	20	0	752.3	590

2021	7	21	17	31.1	73.5	77	25	0	752.0	157
2021	7	21	18	30.4	74.8	53	24	0	752.0	122
2021	7	21	19	30.3	73.3	50	24	0	756.8	21
2021	7	21	20	30.3	72.2	48	14	0	751.1	2
2021	7	21	21	30.4	71.2	131	16	0	750.8	0
2021	7	21	22	30.5	70.5	156	11	0	751.1	0
2021	7	21	23	30.5	72.7	176	3	0	751.6	0
2021	7	21	24	30.1	75.9	155	3	0	752.3	0
2021	7	22	1	29.1	82.7	249	6	0	755.2	0
2021	7	22	2	28.4	84.7	244	8	0	753.2	0
2021	7	22	3	28.2	84	258	11	0	753.2	0
2021	7	22	4	28.2	85	258	9	0	752.9	0
2021	7	22	5	28.4	83.5	259	9	0	751.9	0
2021	7	22	6	28.4	81.8	256	9	0	750.8	0
2021	7	22	7	29	80.1	265	14	0	750.0	14
2021	7	22	8	29.7	76.2	278	14	0	749.6	86
2021	7	22	9	31.1	68	279	19	0	755.0	230
2021	7	22	10	29.4	70.7	279	24	0	749.9	376
2021	7	22	11	31.1	67	296	24	0.2	751.2	557
2021	7	22	12	31.3	67.7	282	20	0	750.2	500
2021	7	22	13	31.4	65.2	293	20	0	750.9	604
2021	7	22	14	32.4	64.2	276	19	0	751.1	665
2021	7	22	15	30.2	86.2	286	22	4.5	751.4	165
2021	7	22	16	28.8	82.7	225	16	0.2	751.0	113
2021	7	22	17	28.8	83	135	22	0	750.6	158
2021	7	22	18	28.7	78.8	40	12	0	749.8	124
2021	7	22	19	29.5	78.1	84	9	0	749.6	39
2021	7	22	20	28.7	85	55	8	1	750.5	1
2021	7	22	21	28.4	84.8	138	3	0	750.2	0
2021	7	22	22	27.9	86.5	258	4	0	749.9	0
2021	7	22	23	27.7	87.3	268	4	0	750.0	0
2021	7	22	24	27.7	84.1	255	8	0	757.0	0
2021	7	23	1	27.4	88.2	240	11	1.7	750.5	0
2021	7	23	2	26.7	92.3	241	9	6.8	750.9	0
2021	7	23	3	26.7	92	249	22	15.2	751.6	0
2021	7	23	4	26.9	88.1	273	22	2.7	752.3	0
2021	7	23	5	27.1	86.2	302	19	2	752.8	0
2021	7	23	6	27.3	91.5	245	22	11.6	752.6	0
2021	7	23	7	26.9	93	142	17	6	752.1	0
2021	7	23	8	26.8	89.9	230	9	2.5	751.4	9
2021	7	23	9	26.9	90.4	254	14	2.2	750.7	35
2021	7	23	10	26.7	91.4	249	17	3	750.2	53
2021	7	23	11	26.7	93.9	251	19	10.1	758.1	98
2021	7	23	12	27.4	85.6	251	17	2	749.9	390
2021	7	23	13	28.8	75.9	256	14	0	750.1	413
2021	7	23	14	29.8	70.3	265	11	0	750.2	404
2021	7	23	15	30.4	76.2	247	12	0	750.7	282
2021	7	23	16	29.9	70.4	224	16	0	751.1	358
2021	7	23	17	29.9	71.9	193	22	0	751.4	236
2021	7	23	18	29.4	74.8	194	19	0	754.3	118
2021	7	23	19	29.2	76.2	189	17	0	751.2	40
2021	7	23	20	29	79.3	177	17	0	750.8	2
2021	7	23	21	29	79.9	176	22	0	750.8	0
2021	7	23	22	28.9	80.6	199	14	0	750.7	0
2021	7	23	23	28.8	81.5	175	11	0	750.5	0
2021	7	23	24	28.7	83.3	193	9	0	750.5	0
2021	7	24	1	28.8	82.7	163	11	0	750.8	0
2021	7	24	2	28.7	80.6	166	16	0	751.3	0
2021	7	24	3	28.3	80	180	12	0	752.0	0
2021	7	24	4	28.1	82.1	177	12	0	752.5	0
2021	7	24	5	28.2	83.3	166	12	0	752.7	0
2021	7	24	6	28.3	82.6	155	17	0	752.5	0
2021	7	24	7	28.8	80	190	14	0	752.0	3
2021	7	24	8	29	79.8	160	19	0	751.4	35
2021	7	24	9	29.3	77.1	149	9	0	750.6	103
2021	7	24	10	30.2	72.5	169	12	0	750.2	224
2021	7	24	11	32	62.3	184	11	0	749.9	479
2021	7	24	12	32.6	62.4	227	6	0	749.8	305
2021	7	24	13	33.2	55.5	162	8	0	750.1	486
2021	7	24	14	33.8	63.3	172	14	0	750.4	345
2021	7	24	15	29.6	77	225	20	6	750.7	135
2021	7	24	16	30.8	67.9	227	11	0	750.9	247
2021	7	24	17	31.8	64.6	247	8	0	750.9	261
2021	7	24	18	31	69.5	227	9	0	751.1	123

				29.8	76.9	234	6	0	750.8	34
2021	7	24	19	29.7	75.9	114	9	0	750.5	3
2021	7	24	20	29.5	78.3	122	4	0	750.3	0
2021	7	24	21	29.3	79.9	83	4	0	750.2	0
2021	7	24	22	29.2	80.9	107	6	0	750.2	0
2021	7	24	23	29.1	80.7	117	9	0	750.3	0
2021	7	24	24	29.1	81.2	156	4	0	750.6	0
2021	7	25	1	29	82.1	122	6	0	751.1	0
2021	7	25	2	29.1	82.6	165	8	0	751.7	0
2021	7	25	3	28.9	83.8	211	6	0	752.3	0
2021	7	25	4	28.7	85	190	8	0	752.7	0
2021	7	25	5	28.6	86	240	9	0	752.7	0
2021	7	25	6	28.6	86.4	262	6	0	752.3	11
2021	7	25	7	28.6	79.6	249	6	0	751.4	94
2021	7	25	8	30.1	76.8	254	9	0	752.7	132
2021	7	25	9	30.6	72.5	279	8	0	752.1	233
2021	7	25	10	32.1	63.7	255	8	0	751.6	419
2021	7	25	11	32.7	59.9	264	11	0	750.9	460
2021	7	25	12	33.1	61.8	275	8	0	751.1	349
2021	7	25	13	32.9	58.3	278	8	0	751.4	279
2021	7	25	14	33.5	57.3	272	8	0	758.7	349
2021	7	25	15	33.4	57.1	273	12	0	752.9	254
2021	7	25	16	32.8	61.6	151	6	0	753.4	175
2021	7	25	17	32.4	66.6	177	12	0	753.7	169
2021	7	25	18	31.5	72.1	172	12	0	753.8	56
2021	7	25	19	30.8	73.2	227	9	0	755.1	2
2021	7	25	20	29.9	69.7	248	11	0	753.4	0
2021	7	25	21	29.2	70.1	266	8	0	753.0	0
2021	7	25	22	29.2	72.6	252	8	0	752.7	0
2021	7	25	23	28.9	73.9	255	11	0	756.5	0
2021	7	25	24	28.9	77.6	271	8	0	752.5	0
2021	7	26	1	28.9	79.7	261	8	0	752.9	0
2021	7	26	2	28.9	81.8	262	8	0	752.9	0
2021	7	26	3	28.9	83.9	234	8	0	753.4	0
2021	7	26	4	28.9	84.8	244	11	0	753.8	0
2021	7	26	5	28.9	85.3	254	8	0	753.8	0
2021	7	26	6	28.9	85.4	280	6	0	751.6	12
2021	7	26	7	29.3	83.5	273	9	0	752.0	70
2021	7	26	8	29.7	79.1	256	11	0	754.3	131
2021	7	26	9	29.9	73	261	9	0	752.3	135
2021	7	26	10	30.8	66.4	259	9	0	750.4	199
2021	7	26	11	31.5	63.9	266	11	0	751.9	320
2021	7	26	12	32.1	60	258	12	0	755.0	309
2021	7	26	13	32.6	53.8	259	19	0	750.9	326
2021	7	26	14	32.8	56.8	262	14	0	750.3	266
2021	7	26	15	32.1	61.1	268	12	0	752.0	153
2021	7	26	16	31.7	62.8	269	11	0	751.0	115
2021	7	26	17	31.4	66.4	216	8	0	751.3	96
2021	7	26	18	31	69.1	186	8	0	751.8	26
2021	7	26	19	30.6	74.7	216	4	0	752.4	0
2021	7	26	20	30.1	77.1	184	11	0	752.7	0
2021	7	26	21	29.9	77.2	200	6	0	752.5	0
2021	7	26	22	29.7	80.6	240	8	0	751.5	0
2021	7	26	23	29.5	81.7	249	12	0	750.8	0
2021	7	26	24	29.3	85.2	241	9	0	750.2	0
2021	7	27	1	29.1	85.7	251	9	0	749.6	0
2021	7	27	2	29.1	85	238	9	0	749.9	0
2021	7	27	3	29	84.5	241	8	0	750.0	0
2021	7	27	4	29.1	81.6	251	12	0	751.0	0
2021	7	27	5	29.3	79.2	276	8	0	750.5	0
2021	7	27	6	29.1	75.2	271	9	0	751.1	5
2021	7	27	7	29.4	74.4	261	9	0	749.0	56
2021	7	27	8	29.6	73.6	249	9	0	751.5	116
2021	7	27	9	29.4	69.5	256	14	0	748.0	68
2021	7	27	10	28.8	72.2	265	17	0	750.9	106
2021	7	27	11	29.7	70.9	258	17	0	750.9	154
2021	7	27	12	29.4	65.5	262	16	0	750.2	241
2021	7	27	13	29.7	64	262	14	0	749.5	313
2021	7	27	14	29.7	64.9	265	14	0	749.4	312
2021	7	27	15	29.6	66.9	266	19	0	749.6	307
2021	7	27	16	29.2	68	259	17	0	749.9	199
2021	7	27	17	29.1	70.6	266	14	0	750.5	161
2021	7	27	18	28.5	74.8	272	16	0	750.8	39
2021	7	27	19	28.5	76.2	258	12	0	754.8	3
2021	7	27	20							

2021	7	27	21	28.7	73.5	255	12	0	752.6	0
2021	7	27	22	28.8	71.2	244	19	0	752.6	0
2021	7	27	23	28.8	68.6	248	20	0	752.1	0
2021	7	27	24	28.6	74.2	245	17	0	750.2	0
2021	7	27	24	28.6	74.2	245	17	0	750.4	0
2021	7	28	1	27.7	75.4	256	17	0	750.2	0
2021	7	28	2	27.4	74.9	258	17	0	752.8	0
2021	7	28	3	27.2	76.3	252	16	0	749.9	0
2021	7	28	4	27	75	268	16	0	749.9	0
2021	7	28	5	26.9	75.9	265	16	0	750.4	0
2021	7	28	6	26.5	80.4	258	14	0	750.6	2
2021	7	28	7	26.5	77.2	265	16	0	751.3	38
2021	7	28	8	26.8	76.5	271	14	0	751.4	108
2021	7	28	9	26.8	79	264	14	0	751.4	114
2021	7	28	10	27.2	75.8	265	17	0	751.1	121
2021	7	28	11	27.5	75.4	264	19	0	751.1	313
2021	7	28	12	27.4	79.1	251	22	0	750.8	297
2021	7	28	13	28.2	72	259	17	0	750.7	224
2021	7	28	14	28.6	70.9	249	24	0	750.3	273
2021	7	28	15	28.6	73	254	22	0	750.7	220
2021	7	28	16	28.6	69.6	249	22	0	750.8	225
2021	7	28	17	28.8	69.1	252	27	0	751.7	139
2021	7	28	18	28.6	69.5	252	28	0	752.2	57
2021	7	28	19	28.5	69.6	245	24	0	752.9	4
2021	7	28	20	28.2	71.5	254	27	0	753.2	0
2021	7	28	21	27.9	72.5	251	22	0	755.4	0
2021	7	28	22	27.6	73.6	245	25	0	752.8	0
2021	7	28	23	27.6	74.2	249	28	0	752.5	0
2021	7	28	24	27.6	74.3	249	19	0	751.3	0
2021	7	29	1	27.6	73.9	248	17	0	751.3	0
2021	7	29	2	27.4	75.5	251	17	0	757.2	0
2021	7	29	3	27.3	73.9	256	17	0	751.1	0
2021	7	29	4	27.3	75	258	19	0	751.1	0
2021	7	29	5	26.7	84	244	16	3.8	751.4	0
2021	7	29	6	26	87.6	265	11	2.2	752.1	5
2021	7	29	7	25.7	87.9	269	9	1.2	752.6	29
2021	7	29	8	25.9	86.2	264	12	0	753.0	49
2021	7	29	9	26.2	84.5	264	16	0	753.5	79
2021	7	29	10	26.4	84.2	254	20	0.2	753.4	144
2021	7	29	11	26.6	84.8	254	17	0.2	753.1	220
2021	7	29	12	26.9	81.5	261	14	0	752.9	277
2021	7	29	13	27.8	75.8	266	19	0	753.2	379
2021	7	29	14	28.6	73.7	264	17	0	753.2	347
2021	7	29	15	28.9	72.9	256	19	0	753.1	337
2021	7	29	16	28.8	70.9	255	20	0	752.9	277
2021	7	29	17	28.8	72.5	259	17	0	753.0	122
2021	7	29	18	28.4	75.5	269	19	0	753.5	34
2021	7	29	19	27.9	77.3	264	14	0	753.8	1
2021	7	29	20	27.9	75.9	256	17	0	754.7	0
2021	7	29	21	27.7	76.4	259	16	0	755.3	0
2021	7	29	22	27.3	80.1	271	14	0	755.0	0
2021	7	29	23	26.9	82.9	259	16	0.2	754.5	0
2021	7	29	24	26.8	79.2	265	14	0	753.9	0
2021	7	30	1	26.9	79	265	16	0	752.9	0
2021	7	30	2	26.6	79.5	265	12	0	755.4	0
2021	7	30	3	26.2	84.4	273	11	0.2	751.8	0
2021	7	30	4	26	84.4	264	16	0	751.6	0
2021	7	30	5	25.8	86.4	249	19	0	751.7	0
2021	7	30	6	25.6	87.4	247	14	0.2	751.9	4
2021	7	30	7	25.6	87.8	234	16	0	753.0	44
2021	7	30	8	25.7	85.7	255	14	0	752.8	99
2021	7	30	9	26.2	81.7	252	16	0	758.0	249
2021	7	30	10	27	76	237	16	0	752.9	344
2021	7	30	11	28.1	70.8	244	16	0	749.0	420
2021	7	30	12	28.9	67.7	248	16	0	752.3	406
2021	7	30	13	29.6	64.6	244	16	0	752.3	470
2021	7	30	14	30.3	63.4	241	16	0	748.5	430
2021	7	30	15	30.5	61.7	247	16	0	752.0	330
2021	7	30	16	30.6	61.7	247	14	0	750.2	235
2021	7	30	17	30.3	64.9	247	14	0	752.1	90
2021	7	30	18	29.7	66.1	245	11	0	752.6	60
2021	7	30	19	29.4	67.6	258	9	0	752.9	3
2021	7	30	20	28.8	68.5	245	9	0	753.2	0
2021	7	30	21	28.4	72.7	196	14	0	753.2	0
2021	7	30	22	28.2	74.3	203	12	0	753.2	0

2021	7	30	23	27.9	76.2	170	12	0	753.1	0
2021	7	30	24	27.9	75.2	204	11	0	752.5	0
2021	7	31	1	27.8	76.9	177	9	0	751.4	0
2021	7	31	2	27.6	81.5	160	9	0	750.5	0
2021	7	31	3	27.3	83.3	214	4	0	749.6	0
2021	7	31	4	27.4	78.5	248	6	0	749.3	0
2021	7	31	5	27.5	76.8	237	9	0	750.0	0
2021	7	31	6	27.5	76.2	204	12	0	749.0	0
2021	7	31	7	26.9	78.9	237	11	0	748.0	8
2021	7	31	8	27	74.9	189	6	0	749.6	90
2021	7	31	9	28.1	70.3	197	8	0	750.3	130
2021	7	31	10	29	65.9	220	9	0	752.0	192
2021	7	31	11	30.7	58.9	225	9	0	753.0	450
2021	7	31	12	32.6	54.5	242	14	0	750.2	756
2021	7	31	13	33.6	52.1	248	16	0	749.9	721
2021	7	31	14	33.7	51.2	261	14	0	749.7	704
2021	7	31	15	34	49.7	258	14	0	749.5	578
2021	7	31	16	33.3	53.5	265	9	0	752.0	330
2021	7	31	17	32.8	58	265	6	0	750.2	157
2021	7	31	18	31.8	66.4	262	11	0	752.1	51
2021	7	31	19	30.6	68.1	238	6	0	752.6	47
2021	7	31	20	30.5	69.6	169	3	0	752.9	1
2021	7	31	21	29.9	72.9	100	1	0	753.2	0
2021	7	31	22	29.6	73.4	165	1	0	754.2	0
2021	7	31	23	29.4	74.3	144	6	0	752.0	0
2021	7	31	24	28.8	78.1	100	8	0	750.2	0

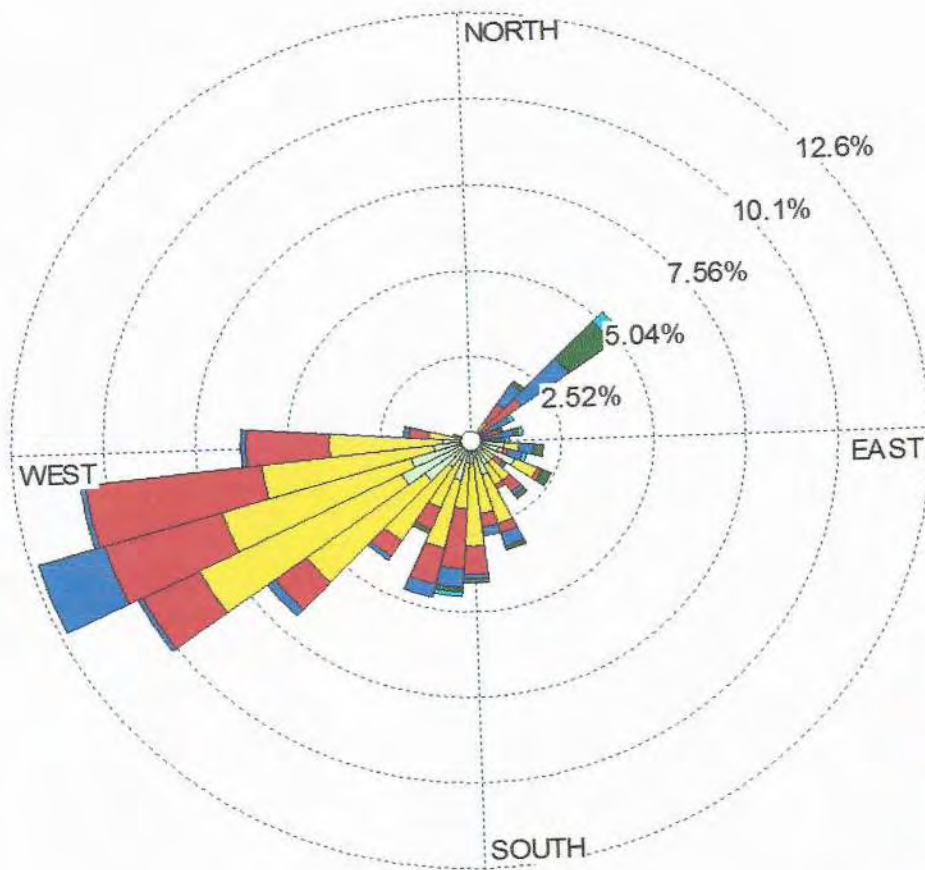
Prepared By :- *S. K. Prasad*



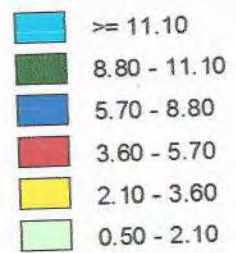
For Mitra S.K Private Limited

M. S. K.
Authorised Signatory

H. O.: Shrachi Centre (5th Floor), 74B, Acharya Jagadish Chandra Bose Road, Kolkata – 700 016, West Bengal, India
T: 91 33 22172249 / 4014 3000 / 2265 0006 / 2265 0007 F: 91 33 2265 0008 E: info@mitrask.com W: www.mitrask.com



WIND SPEED
(m/s)



Calms: 0.54%

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/700
Date : 01.09.2021
Sample Description : Ambient Air Quality
Month of Sampling : August - 2021
Sampling Location : LNG Office

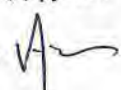
Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.08.2021	75.6	36.2	7.4	27.4	0.68	24.5	BDL	BDL	BDL	BDL	BDL	BDL
05.08.2021	69.2	32.7	6.8	23.1	0.59	20.6	BDL	BDL	BDL	BDL	BDL	BDL
09.08.2021	58.3	27.2	6.5	20.4	0.48	16.5	BDL	BDL	BDL	BDL	BDL	BDL
12.08.2021	53.8	25.2	6.2	18.8	0.50	14.3	BDL	BDL	BDL	BDL	BDL	BDL
16.08.2021	65.2	30.8	6.6	22.5	0.62	19.3	BDL	BDL	BDL	BDL	BDL	BDL
19.08.2021	61.5	29.2	6.7	21.3	0.52	18.6	BDL	BDL	BDL	BDL	BDL	BDL
23.08.2021	72.8	34.2	7.2	24.7	0.74	22.8	BDL	BDL	BDL	BDL	BDL	BDL
26.08.2021	50.2	22.8	6.1	15.2	0.41	12.5	BDL	BDL	BDL	BDL	BDL	BDL
30.08.2021	57.2	26.1	6.3	19.8	0.66	17.8	BDL	BDL	BDL	BDL	BDL	BDL
Average	62.64	29.37	6.64	21.46	0.58	18.54						
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited
Ananta Kumar Roith
Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/701
Date : 01.09.2021
Sample Description : Ambient Air Quality
Month of Sampling : August – 2021
Sampling Location : GKE Office


Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.08.2021	55.2	24.8	6.2	17.4	0.42	13.8	BDL	BDL	BDL	BDL	BDL	BDL
05.08.2021	64.7	28.5	6.4	19.8	0.58	16.2	BDL	BDL	BDL	BDL	BDL	BDL
09.08.2021	68.2	30.6	6.6	22.6	0.65	18.5	BDL	BDL	BDL	BDL	BDL	BDL
12.08.2021	57.4	26.1	6.5	18.2	0.61	15.7	BDL	BDL	BDL	BDL	BDL	BDL
16.08.2021	74.6	36.4	7.4	27.8	0.79	24.8	BDL	BDL	BDL	BDL	BDL	BDL
19.08.2021	70.5	34.2	7.2	25.1	0.71	22.6	BDL	BDL	BDL	BDL	BDL	BDL
23.08.2021	74.4	36.1	7.3	27.2	0.71	23.2	BDL	BDL	BDL	BDL	BDL	BDL
26.08.2021	66.9	32.8	6.8	23.4	0.69	18.7	BDL	BDL	BDL	BDL	BDL	BDL
30.08.2021	54.4	23.6	6.1	16.1	0.42	12.4	BDL	BDL	BDL	BDL	BDL	BDL
Average	65.14	30.34	6.72	21.95	0.62	18.43	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited

Ananta Kumar Rath
Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/702
Date : 01.09.2021
Sample Description : Ambient Air Quality
Month of Sampling : August – 2021
Sampling Location : L & T Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.08.2021	79.5	37.4	7.7	29.2	0.81	27.1	BDL	BDL	BDL	BDL	BDL	BDL
05.08.2021	72.4	34.2	7.2	27.5	0.77	23.8	BDL	BDL	BDL	BDL	BDL	BDL
09.08.2021	56.2	27.2	6.5	18.2	0.42	15.4	BDL	BDL	BDL	BDL	BDL	BDL
12.08.2021	66.1	30.2	6.9	21.4	0.56	18.6	BDL	BDL	BDL	BDL	BDL	BDL
16.08.2021	77.2	36.6	7.5	26.7	0.65	24.3	BDL	BDL	BDL	BDL	BDL	BDL
19.08.2021	51.5	23.8	6.2	15.2	0.45	11.8	BDL	BDL	BDL	BDL	BDL	BDL
23.08.2021	70.2	32.1	7.0	25.2	0.72	20.3	BDL	BDL	BDL	BDL	BDL	BDL
26.08.2021	60.6	28.3	6.5	19.4	0.49	14.4	BDL	BDL	BDL	BDL	BDL	BDL
30.08.2021	53.7	24.2	6.3	17.6	0.51	14.2	BDL	BDL	BDL	BDL	BDL	BDL
Average	65.26	30.44	6.86	22.26	0.60	18.87	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff . 2012	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

For Mitra S. K. Private Limited

Report Prepared by: A~



Ananta Kumar Datta
Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/703
Date : 01.09.2021
Sample Description : Ambient Air Quality
Month of Sampling : August – 2021
Sampling Location : Kanakprasad

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.08.2021	50.8	22.6	6.1	16.1	0.41	12.6	BDL	BDL	BDL	BDL	BDL	BDL
05.08.2021	62.1	28.3	6.5	18.6	0.52	16.3	BDL	BDL	BDL	BDL	BDL	BDL
09.08.2021	66.7	30.2	6.6	21.4	0.57	17.8	BDL	BDL	BDL	BDL	BDL	BDL
12.08.2021	53.6	24.1	6.3	19.5	0.48	15.2	BDL	BDL	BDL	BDL	BDL	BDL
16.08.2021	69.5	34.5	6.9	25.3	0.62	21.6	BDL	BDL	BDL	BDL	BDL	BDL
19.08.2021	57.8	26.2	6.4	17.6	0.51	13.4	BDL	BDL	BDL	BDL	BDL	BDL
23.08.2021	73.2	35.2	7.2	27.7	0.75	23.1	BDL	BDL	BDL	BDL	BDL	BDL
26.08.2021	55.4	25.1	6.2	15.8	0.42	11.3	BDL	BDL	BDL	BDL	BDL	BDL
30.08.2021	75.8	36.5	7.4	29.5	0.68	27.4	BDL	BDL	BDL	BDL	BDL	BDL
Average	62.76	29.18	6.62	21.27	0.55	17.63	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by:



For Mitra S. K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/704
Date : 01.09.2021
Sample Description : Ambient Air Quality
Month of Sampling : August – 2021
Sampling Location : Chianipahi

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.08.2021	78.5	36.5	7.5	28.4	0.75	25.3	BDL	BDL	BDL	BDL	BDL	BDL
05.08.2021	64.7	30.2	6.8	23.6	0.64	19.4	BDL	BDL	BDL	BDL	BDL	BDL
09.08.2021	60.5	29.6	6.4	18.4	0.48	14.8	BDL	BDL	BDL	BDL	BDL	BDL
12.08.2021	55.2	27.5	6.2	16.3	0.42	12.6	BDL	BDL	BDL	BDL	BDL	BDL
16.08.2021	72.7	33.8	7.0	26.4	0.68	24.5	BDL	BDL	BDL	BDL	BDL	BDL
19.08.2021	67.5	32.6	6.6	24.6	0.57	20.6	BDL	BDL	BDL	BDL	BDL	BDL
23.08.2021	50.6	23.9	6.1	14.8	0.42	11.2	BDL	BDL	BDL	BDL	BDL	BDL
26.08.2021	58.6	28.7	6.3	15.5	0.46	10.3	BDL	BDL	BDL	BDL	BDL	BDL
30.08.2021	70.8	34.5	6.9	25.1	0.79	23.5	BDL	BDL	BDL	BDL	BDL	BDL
Average	64.34	30.81	6.64	21.45	0.59	18.02	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by:



For Mitra S. K. Private Limited

Authorized Signatory

T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/705
Date : 01.09.2021
Sample Description : Ambient Air Quality
Month of Sampling : August – 2021
Sampling Location : Kaithkhola


Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.08.2021	54.8	23.1	6.3	18.4	0.54	14.1	BDL	BDL	BDL	BDL	BDL	BDL
05.08.2021	61.1	27.3	6.5	20.8	0.49	18.7	BDL	BDL	BDL	BDL	BDL	BDL
09.08.2021	74.9	35.2	7.0	25.5	0.64	21.5	BDL	BDL	BDL	BDL	BDL	BDL
12.08.2021	56.8	24.8	6.4	19.5	0.61	17.3	BDL	BDL	BDL	BDL	BDL	BDL
16.08.2021	50.6	21.5	6.1	15.8	0.74	12.8	BDL	BDL	BDL	BDL	BDL	BDL
19.08.2021	77.4	36.7	7.2	27.4	0.81	25.4	BDL	BDL	BDL	BDL	BDL	BDL
23.08.2021	63.8	28.4	6.7	22.8	0.56	19.8	BDL	BDL	BDL	BDL	BDL	BDL
26.08.2021	69.4	33.6	6.9	24.4	0.62	20.1	BDL	BDL	BDL	BDL	BDL	BDL
30.08.2021	52.5	20.6	6.1	13.7	0.46	10.8	BDL	BDL	BDL	BDL	BDL	BDL
Average	62.36	27.91	6.57	20.92	0.61	17.83	---	---	---	---	---	---
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:2006 (Reaff. 2012)	IS 5182: Part 24:2019	IS 5182: Part 2:2001 (Reaff. 2012)	IS 5182: Part 6:2006 (Reaff. 2012)	IS 5182: Part 10:1999 (Reaff. 2014)	IS 5182: Part 25:2018	IS 5182: Part 09:14	EPA - IO3.4J une, 1999	EPA - IO3.4J une, 1999	EPA - IO3.4J une, 1999	IS:5182(Part-11):2006 Reaff,2012	IS:5182(Part-12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

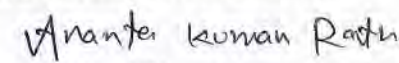
Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited


Authorized Signatory

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
 C/O Dhamra Port Company
 DLTPL – Site Office
 Dist: Bhadrak, Odisha, 756171

Report No. : BBS/750
Date : 01.09.2021
Sample No. : MSKGL/ED/2020-21/08/00890
Sample Description : Noise (Work Zone)

Instrument Used :-
Digital Sound Level Meter - Sl. No.Q665566
Model No. SL – 4033SD
Calibration Due on – 10.03.2022

Workzone Noise Level Monitoring Data

Sl. No	<u>Sampling Date</u>	<u>Sampling Location</u>	MAX	MIN	<u>Results in Avg Leq dB(A)</u>
1.	20.08.2021	CTC Office	64.5	45.8	54.2
2.	24.08.2021	Jetty	82.7	57.2	68.4
3.	30.08.2021	Bergen Office	73.2	55.4	63.7
4.	27.08.2021	Tank	71.8	52.1	60.2

OSHA'S Permissible Noise Exposure Limits

<u>OSHA'S Permissible Noise Exposure Limits</u>	
<u>Noise Level</u>	<u>Exposure Limit</u>
90 dBA	8.0 hours

Report Prepared by:



For Mitra S.K. Private Limited

Author Kuman Rathi
Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



TEST REPORT

T : (0674) 2362916, 2360917
F : (0674) 2362918

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/720
Date : 01.09.2021
Sample No. : MSKGL/ED/2020-21/08/00570
Sample Description : Ambient Noise


Instrument Used :-
Digital Sound Level Meter - Sl. No.Q665566
Model No. SL - 4033SD
Calibration Due on - 10.03.2022

Noise Level Monitoring Data

Sl. No	Sampling Date	Sampling Location	Day L Time dB(A)			Night Time L dB(A)		
			MAX	MIN	AVG.	MAX	MIN	AVG.
1.	02.08.2021	LNG Office	58.2	39.4	49.6	39.5	36.3	35.7
2.	09.08.2021	GKE Office	67.5	45.3	58.6	42.8	39.6	41.6
3.	05.08.2021	L&T Office	62.4	40.2	51.7	50.8	39.1	43.2
4.	12.08.2021	Kanakprasad	51.3	36.8	42.5	41.1	35.9	37.8
5.	19.08.2021	Chianipahi	50.6	33.8	40.4	38.9	36.4	36.5
6.	16.08.2021	Kaithkhola	52.7	37.3	43.2	40.8	39.2	37.5

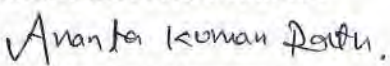
Noise Limit as per CPCB

Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial Area	75	70	
Commercial Area	65	55	
Residential Area	55	45	
Silence Zone	50	40	

Report Prepared by: 



For Mitra S. K. Private Limited


Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
F : (0674) 2362918



METEOROLOGY TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd
C/O Dhamra Port Company Ltd
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/670
Date : 01.09.2021
Sample No. : MSKGL/ED/2021-22/08/00344
Date of sampling : 01.08.2021 to 31.08.2021
Sampling Location : LNG Office
Sampling Done By : Mr. Debendra Biswal

Year	Month	Day	Hour	Temperature	Relative Humidity	Wind Dir	Wind Speed	Rainfall	Barometric pressure	Solar Rad
-	-	-	-	(°C)	(%)	(Deg)	(Km/Hr)	(mm)	mm in Hg	(wat/m2)
2021	8	1	1	28.8	78.5	98	3	0	751.9	0
2021	8	1	2	28.7	79.1	179	4	0	750.2	0
2021	8	1	3	28.6	77	258	4	0	748.5	0
2021	8	1	4	28.6	75.5	251	6	0	749.2	0
2021	8	1	5	28.3	75.5	269	4	0	751.4	0
2021	8	1	6	28.2	76.6	256	6	0	752.7	0
2021	8	1	7	27.8	78.2	228	6	0	755.6	9
2021	8	1	8	28.7	71	207	8	0	752.6	100
2021	8	1	9	30.3	62.7	259	8	0	749.2	215
2021	8	1	10	31.8	55.4	252	11	0	752.5	429
2021	8	1	11	32.8	51.7	261	11	0	753.2	636
2021	8	1	12	33.7	50.5	259	12	0	751.6	742
2021	8	1	13	34.3	48.5	254	11	0	750.8	721
2021	8	1	14	35.4	45.6	252	8	0	749.2	747
2021	8	1	15	36.3	43.5	249	9	0	752.1	716
2021	8	1	16	35.8	46.3	224	6	0	750.7	380
2021	8	1	17	35.6	45.4	225	4	0	748.0	334
2021	8	1	18	35.8	47.9	197	8	0	751.2	313
2021	8	1	19	33.7	60.5	224	14	0	753.0	99
2021	8	1	20	31.6	66.4	175	11	0	752.2	3
2021	8	1	21	30.5	69.1	242	14	0	753.1	0
2021	8	1	22	29.4	70.8	251	11	0	752.6	0
2021	8	1	23	28.8	70.6	261	11	0	751.8	0
2021	8	1	24	29.2	70.5	278	8	0	750.8	0
2021	8	2	1	28.8	73.7	279	4	0	754.0	0
2021	8	2	2	28.6	75.9	271	6	0	749.8	0
2021	8	2	3	28.4	75.6	258	4	0	752.0	0
2021	8	2	4	28.4	76.3	256	4	0	750.2	0
2021	8	2	5	28.3	77.3	259	4	0	748.8	0
2021	8	2	6	28.3	77.9	248	4	0	758.6	0
2021	8	2	7	28.2	78.9	241	6	0	749.5	5
2021	8	2	8	28.5	75.9	254	4	0	751.1	62
2021	8	2	9	29.4	68	255	6	0	753.8	163
2021	8	2	10	31.6	55	262	16	0	748.5	443
2021	8	2	11	32.9	51	245	19	0	756.4	678
2021	8	2	12	33.9	49	249	17	0	753.0	795
2021	8	2	13	33.7	51.1	252	19	0	756.4	505
2021	8	2	14	34.3	47.9	256	17	0	752.2	451
2021	8	2	15	35	47.6	258	11	0	752.3	587
2021	8	2	16	35.3	47.4	266	11	0	754.5	531
2021	8	2	17	35.2	49.5	249	9	0	751.6	361

2021	8	2	18	34.3	53.4	235	8	0	755.8	167
2021	8	2	19	33.6	60.5	170	6	0	752.4	66
2021	8	2	20	31.6	67.9	132	11	0	755.6	2
2021	8	2	21	31	64.4	183	11	0	748.2	0
2021	8	2	22	30.1	66.1	249	9	0	757.0	0
2021	8	2	23	29.6	66.9	262	9	0	751.8	0
2021	8	2	24	29.6	69	268	6	0	756.7	0
2021	8	3	1	29.5	71.1	249	9	0	752.0	0
2021	8	3	2	29.5	69.5	262	9	0	758.0	0
2021	8	3	3	29.3	72.6	268	9	0	753.6	0
2021	8	3	4	28.7	73.9	269	6	0	754.0	0
2021	8	3	5	28.8	69.5	256	9	0	755.1	0
2021	8	3	6	29.4	67.8	244	9	0	754.1	0
2021	8	3	7	29.3	68.7	244	14	0	753.3	8
2021	8	3	8	29.4	66.9	247	12	0	752.4	65
2021	8	3	9	29.8	64.6	247	14	0	751.9	155
2021	8	3	10	30.2	62.9	252	16	0	750.2	225
2021	8	3	11	31	59	245	20	0	748.5	327
2021	8	3	12	32.1	53.5	251	17	0	749.2	598
2021	8	3	13	33.4	53.2	258	17	0	751.4	707
2021	8	3	14	33.1	55.7	256	16	0	752.7	381
2021	8	3	15	33	56.3	261	12	0	755.6	350
2021	8	3	16	33.4	54	254	20	0	752.6	509
2021	8	3	17	33.4	55.6	259	14	0	749.2	316
2021	8	3	18	32.7	57.7	248	17	0	752.5	230
2021	8	3	19	31.8	61.9	248	14	0	753.2	47
2021	8	3	20	31.2	64.4	245	11	0	751.6	1
2021	8	3	21	30.7	66.2	249	6	0	750.8	0
2021	8	3	22	30.2	67.5	247	8	0	749.2	0
2021	8	3	23	30	67.5	242	9	0	752.1	0
2021	8	3	24	29.8	70.7	251	14	0	750.7	0
2021	8	4	1	29.4	71	256	6	0	748.0	0
2021	8	4	2	29.3	72.7	264	8	0	751.2	0
2021	8	4	3	29.1	73.9	268	8	0	751.9	0
2021	8	4	4	29.1	73	251	9	0	750.2	0
2021	8	4	5	29.1	73.5	248	12	0	748.5	0
2021	8	4	6	29.3	72.8	245	12	0	749.2	0
2021	8	4	7	29.2	72.8	242	12	0	751.4	1
2021	8	4	8	29.3	73.2	240	9	0	752.7	17
2021	8	4	9	28.9	76.3	242	12	0	755.6	43
2021	8	4	10	29.4	70.2	244	11	0	752.6	185
2021	8	4	11	30.4	67	248	12	0	749.2	267
2021	8	4	12	30.7	67.2	248	17	0	752.5	260
2021	8	4	13	29.8	73.6	248	20	0	753.2	243
2021	8	4	14	29.7	74.6	254	17	0	751.6	126
2021	8	4	15	28.3	81.4	242	12	0	750.8	59
2021	8	4	16	28	86	241	9	3.3	749.2	64
2021	8	4	17	27.7	87.7	244	12	3	752.1	66
2021	8	4	18	25.7	99.5	247	24	19.5	750.7	12
2021	8	4	19	25.4	100	259	9	0.7	748.0	9
2021	8	4	20	25.9	100	266	4	0.2	751.2	0
2021	8	4	21	26.2	100	271	4	0.2	753.0	0
2021	8	4	22	26.6	100	248	4	0	752.2	0
2021	8	4	23	27	98.2	280	1	0	753.1	0
2021	8	4	24	27.1	94.7	163	1	0	752.6	0
2021	8	5	1	27.1	93.7	199	3	0	751.8	0
2021	8	5	2	27.1	93.1	293	3	0	750.8	0
2021	8	5	3	27.3	90.4	238	3	0	754.0	0
2021	8	5	4	27.3	92.1	235	6	0	749.8	0
2021	8	5	5	27.4	92.7	234	3	0	752.0	0
2021	8	5	6	27.5	92.6	264	4	0	750.2	0
2021	8	5	7	27.6	92.7	252	4	0	748.8	15
2021	8	5	8	28	88.2	251	4	0	758.6	92

2021	8	5	9	29.3	75.6	232	6	0	749.5	222
2021	8	5	10	31.1	67.5	247	11	0.2	751.1	403
2021	8	5	11	31.3	64.9	245	11	0	753.8	464
2021	8	5	12	32.9	60.6	255	11	0	750.7	746
2021	8	5	13	32.9	63.9	285	11	0	752.3	667
2021	8	5	14	31.8	65	295	11	0	751.4	543
2021	8	5	15	32.3	63.4	234	9	0	754.6	411
2021	8	5	16	32.8	61	238	8	0	752.3	459
2021	8	5	17	31.2	68.9	108	22	0	753.5	216
2021	8	5	18	30.2	73.5	120	4	0	755.4	64
2021	8	5	19	29.9	77.1	231	8	0	752.9	15
2021	8	5	20	30.2	78.8	165	1	0	753.5	3
2021	8	5	21	30.1	76.9	125	4	0	752.7	0
2021	8	5	22	29.9	78.1	170	3	0	750.0	0
2021	8	5	23	29.6	79.6	97	4	0	755.4	0
2021	8	5	24	29.4	82.3	103	3	0	752.4	0
2021	8	6	1	29.1	83	228	8	0	753.1	0
2021	8	6	2	29.1	79.1	272	9	0	754.0	0
2021	8	6	3	28.9	79	266	4	0	754.1	0
2021	8	6	4	28.7	77.7	261	8	0	749.0	0
2021	8	6	5	28.6	78.3	256	8	0	751.0	0
2021	8	6	6	28.2	78	271	8	0	755.3	0
2021	8	6	7	28.2	78.6	261	8	0	750.0	14
2021	8	6	8	29.1	71.5	262	8	0	752.0	104
2021	8	6	9	30.8	66.9	271	9	0	753.4	248
2021	8	6	10	31.6	62.1	254	11	0	752.7	441
2021	8	6	11	32.9	57.8	266	9	0	750.0	683
2021	8	6	12	34.3	51.9	261	9	0	751.4	745
2021	8	6	13	34.4	52.6	262	9	0	756.1	583
2021	8	6	14	35.6	46.8	252	9	0	751.6	858
2021	8	6	15	35.8	51.7	256	12	0	752.0	645
2021	8	6	16	35.8	59.9	208	24	0	754.3	585
2021	8	6	17	33.9	56.8	159	20	0	752.3	306
2021	8	6	18	34.7	55.5	206	14	0	750.4	310
2021	8	6	19	32.9	65.8	179	11	0	751.9	48
2021	8	6	20	31.4	62.5	176	9	0	755.0	1
2021	8	6	21	30.7	66.6	121	8	0	750.9	0
2021	8	6	22	30.2	71.1	155	4	0	750.3	0
2021	8	6	23	30.1	78.5	115	9	0	752.0	0
2021	8	6	24	29.9	79.9	141	8	0	751.0	0
2021	8	7	1	29.7	78	132	6	0	751.3	0
2021	8	7	2	29.6	78.9	122	6	0	751.8	0
2021	8	7	3	29.2	85	163	6	0.5	752.4	0
2021	8	7	4	28.8	86.2	193	8	0	752.7	0
2021	8	7	5	28.7	87	169	4	0.2	752.5	0
2021	8	7	6	28.7	87.1	122	6	0	751.5	0
2021	8	7	7	28.7	87	132	6	0	750.8	4
2021	8	7	8	29.2	81.9	165	8	0	750.2	95
2021	8	7	9	30.9	71.1	200	8	0	749.6	226
2021	8	7	10	32.3	63.7	262	9	0	749.9	461
2021	8	7	11	33.1	58.9	258	12	0	750.0	564
2021	8	7	12	33.8	54	255	16	0	751.0	794
2021	8	7	13	33.6	56.3	256	16	0	750.5	358
2021	8	7	14	33.9	55.6	254	11	0	751.1	341
2021	8	7	15	32.8	64.6	201	11	0	749.0	270
2021	8	7	16	32.7	62	192	14	0	751.5	527
2021	8	7	17	32.4	59	190	14	0	754.3	312
2021	8	7	18	31.6	66.6	172	11	0	752.3	93
2021	8	7	19	30.8	70.2	182	8	0	750.4	47
2021	8	7	20	30.1	70.7	151	12	0	751.9	1
2021	8	7	21	29.9	73.1	162	6	0	755.0	0
2021	8	7	22	29.7	77.8	90	6	0	750.9	0
2021	8	7	23	29.5	79.9	162	9	0	750.3	0

2021	8	7	24	29.4	80.9	193	12	0	752.0	0
2021	8	8	1	29.3	81.3	187	11	0	751.0	0
2021	8	8	2	29.2	82.4	193	9	0	751.3	0
2021	8	8	3	28.9	82.6	168	11	0	751.8	0
2021	8	8	4	28.9	82.9	146	9	0	752.4	0
2021	8	8	5	28.8	83.1	158	9	0	752.7	0
2021	8	8	6	28.8	84.2	204	8	0	752.5	0
2021	8	8	7	28.8	85.2	169	6	0	751.5	12
2021	8	8	8	29.7	78.5	139	9	0	750.8	119
2021	8	8	9	30.6	71	220	9	0	750.2	206
2021	8	8	10	32.2	62.9	240	16	0	749.6	429
2021	8	8	11	33.1	57.5	254	9	0	749.9	542
2021	8	8	12	34.4	54.8	238	11	0	750.0	733
2021	8	8	13	34.5	59.7	234	6	0	751.0	498
2021	8	8	14	31.8	70.4	190	17	2	750.5	415
2021	8	8	15	30.4	78	211	14	0.5	751.1	77
2021	8	8	16	27.9	83.2	208	24	0	749.0	62
2021	8	8	17	28.2	79.8	186	4	0	751.5	120
2021	8	8	18	30.3	75.6	96	6	0	748.0	189
2021	8	8	19	30.3	74	152	12	0	750.9	51
2021	8	8	20	29.9	80.9	146	6	0	750.9	1
2021	8	8	21	29.8	81.7	134	6	0	750.2	0
2021	8	8	22	29.4	83.8	91	8	0	749.5	0
2021	8	8	23	29.3	82	144	9	0	752.7	0
2021	8	8	24	29.1	84.1	160	12	0	750.0	0
2021	8	9	1	28.9	84.3	210	9	0	755.4	0
2021	8	9	2	28.7	85	163	12	0	752.4	0
2021	8	9	3	28.6	84.9	200	8	0	753.1	0
2021	8	9	4	28.4	85.8	162	9	0	754.0	0
2021	8	9	5	28.4	87	151	9	0	754.1	0
2021	8	9	6	28.3	87.8	139	8	0	749.0	0
2021	8	9	7	28.3	86.9	127	11	0	751.0	13
2021	8	9	8	28.9	82.4	165	11	0	755.3	72
2021	8	9	9	30.3	74.1	197	12	0	750.0	260
2021	8	9	10	31.2	69.5	241	12	0	752.0	292
2021	8	9	11	31.8	67.7	230	11	0	753.4	336
2021	8	9	12	33.2	59.4	231	9	0	752.7	619
2021	8	9	13	34.6	58.2	228	12	0	750.0	605
2021	8	9	14	34.8	59.1	177	9	0	751.4	518
2021	8	9	15	34.3	63.5	223	14	0	756.1	538
2021	8	9	16	34.2	62.5	197	17	0	751.6	587
2021	8	9	17	33.5	63.9	204	16	0	752.0	378
2021	8	9	18	32.4	73.2	214	17	0.7	754.3	130
2021	8	9	19	28.6	80.3	208	11	2.2	752.3	26
2021	8	9	20	29.3	79.6	139	4	0	750.4	0
2021	8	9	21	29.2	78	91	4	0	751.9	0
2021	8	9	22	29.2	80.3	83	11	0	755.0	0
2021	8	9	23	29.1	77.2	201	8	0	750.3	0
2021	8	9	24	28.7	81.2	234	8	0	750.7	0
2021	8	10	1	28.6	83.9	162	8	0	750.8	0
2021	8	10	2	28.5	85.8	111	6	0	751.7	0
2021	8	10	3	28.4	86.1	210	9	0	752.2	0
2021	8	10	4	28.5	86	176	11	0	752.9	0
2021	8	10	5	28.6	85.1	238	6	0	753.2	0
2021	8	10	6	28.7	85.6	221	9	0	755.4	0
2021	8	10	7	28.6	85.8	206	9	0	752.8	14
2021	8	10	8	29.4	79.6	224	9	0	752.5	106
2021	8	10	9	30.3	75.8	221	11	0	751.3	206
2021	8	10	10	31.9	67.4	216	19	0	751.3	412
2021	8	10	11	33.4	61.2	220	11	0	757.2	648
2021	8	10	12	34.9	57.5	234	9	0	751.1	817
2021	8	10	13	35.7	54.7	266	11	0	751.1	835
2021	8	10	14	36.3	50.8	271	9	0	751.4	767

2021	8	10	15	37.1	49.9	216	8	0	752.1	720
2021	8	10	16	34.6	60.8	228	17	0	752.6	309
2021	8	10	17	28.6	81.4	211	25	5.8	753.0	85
2021	8	10	18	30.2	67.8	145	11	0	753.5	236
2021	8	10	19	30.9	62.9	184	16	0	753.4	78
2021	8	10	20	29.3	71	221	14	0	753.1	2
2021	8	10	21	29	72.8	232	6	0	752.9	0
2021	8	10	22	29.1	73	255	12	0	753.2	0
2021	8	10	23	28.8	73.7	244	6	0	752.7	0
2021	8	10	24	28.7	74.9	192	4	0	750.0	0
2021	8	11	1	28.6	76.3	190	4	0	755.4	0
2021	8	11	2	28.2	80	180	4	0	752.4	0
2021	8	11	3	28	82.4	234	6	0	753.1	0
2021	8	11	4	28.1	83.5	231	6	0	754.0	0
2021	8	11	5	28.1	85.7	115	6	0	754.1	0
2021	8	11	6	28.1	87.9	172	6	0	749.0	0
2021	8	11	7	28.2	88.7	196	3	0	751.0	15
2021	8	11	8	29.1	76.4	173	6	0	755.3	100
2021	8	11	9	31.1	64.7	242	8	0	750.0	256
2021	8	11	10	32.1	60.3	258	12	0	752.0	384
2021	8	11	11	33.4	56.1	261	12	0	753.4	672
2021	8	11	12	34.7	51.7	268	16	0	752.7	792
2021	8	11	13	35.2	50	256	12	0	750.0	771
2021	8	11	14	35.8	49.9	258	11	0	751.4	805
2021	8	11	15	36.3	45.8	259	9	0	756.1	695
2021	8	11	16	36.8	56.3	227	11	0	751.6	610
2021	8	11	17	34.7	60.2	235	11	0	752.0	469
2021	8	11	18	33.6	65.5	244	9	0	754.3	253
2021	8	11	19	31.9	70.8	240	14	0	752.3	62
2021	8	11	20	31.2	74.3	193	14	0	750.4	1
2021	8	11	21	30.8	70.8	214	12	0	751.9	0
2021	8	11	22	29.7	72.1	180	8	0	755.0	0
2021	8	11	23	29.5	72.8	93	4	0	748.5	0
2021	8	11	24	29.3	75.5	107	4	0	752.0	0
2021	8	12	1	29.4	77.1	97	6	0	750.2	0
2021	8	12	2	29.4	77.7	115	6	0	752.1	0
2021	8	12	3	29.6	74.3	156	6	0	752.6	0
2021	8	12	4	29.6	75.9	190	6	0	752.9	0
2021	8	12	5	29.4	77	118	8	0	753.2	0
2021	8	12	6	29.3	79	173	8	0	753.2	0
2021	8	12	7	29.2	77.9	190	6	0	753.1	8
2021	8	12	8	30.1	71.9	242	6	0	752.5	98
2021	8	12	9	32.1	63.2	249	8	0	751.4	267
2021	8	12	10	33	59.9	271	9	0	750.5	372
2021	8	12	11	34.5	52.7	258	8	0	749.6	661
2021	8	12	12	35.7	47.7	251	11	0	749.3	764
2021	8	12	13	36.1	47.4	248	12	0	750.0	599
2021	8	12	14	37.4	54.6	217	27	0	749.0	738
2021	8	12	15	33.7	63.2	132	32	0	748.0	426
2021	8	12	16	32.3	73.3	176	37	0	749.6	299
2021	8	12	17	31.4	72.7	210	9	0	750.3	200
2021	8	12	18	31.7	63.2	199	14	0	752.0	99
2021	8	12	19	28.7	73.6	207	11	0	753.0	12
2021	8	12	20	29.2	78	84	16	0	750.2	0
2021	8	12	21	30.2	81.2	128	14	0	749.9	0
2021	8	12	22	30.5	77	206	14	0	749.7	0
2021	8	12	23	30.3	73.2	197	8	0	749.5	0
2021	8	12	24	29.7	76.1	241	9	0	749.1	0
2021	8	13	1	29.1	77.1	256	6	0	749.1	0
2021	8	13	2	28.5	79.9	247	3	0	752.7	0
2021	8	13	3	28.4	81.4	272	3	0	750.0	0
2021	8	13	4	28.5	81.6	251	6	0	755.4	0
2021	8	13	5	28.4	82.1	230	1	0	752.4	0

2021	8	13	6	28.3	82.2	163	1	0	753.1	0
2021	8	13	7	28.3	82.8	230	4	0	754.0	9
2021	8	13	8	29	77.5	168	1	0	754.1	89
2021	8	13	9	30.7	68.1	105	3	0	749.0	224
2021	8	13	10	31.6	64.8	204	4	0	751.0	292
2021	8	13	11	32.7	59.2	223	4	0	755.3	436
2021	8	13	12	33.6	58.7	249	4	0	750.0	542
2021	8	13	13	33.5	57.4	254	4	0	752.0	453
2021	8	13	14	34.3	55.7	210	3	0	753.4	422
2021	8	13	15	34.8	65.5	104	19	0	752.7	431
2021	8	13	16	31.6	68.9	53	19	0	750.0	372
2021	8	13	17	31.9	61.7	122	24	0	751.4	267
2021	8	13	18	32.8	63.6	237	12	0	756.1	163
2021	8	13	19	31.8	68.7	225	9	0	751.6	46
2021	8	13	20	31.1	72.2	242	6	0	752.0	1
2021	8	13	21	30.7	74.7	241	8	0	754.3	0
2021	8	13	22	30.6	76.3	223	8	0	752.3	0
2021	8	13	23	30.2	76.9	156	8	0	750.4	0
2021	8	13	24	30	79.8	111	9	0	751.9	0
2021	8	14	1	29.7	81.7	148	8	0	755.0	0
2021	8	14	2	29.4	83.1	129	6	0	749.6	0
2021	8	14	3	29.3	84.4	81	3	0	749.9	0
2021	8	14	4	29.1	85.7	93	4	0	750.5	0
2021	8	14	5	29	86.6	218	3	0	751.1	0
2021	8	14	6	28.8	87	103	3	0	751.6	0
2021	8	14	7	28.7	86.8	124	1	0	751.5	9
2021	8	14	8	29.3	78.8	122	3	0	751.2	76
2021	8	14	9	30.7	67	156	4	0	750.2	217
2021	8	14	10	33.4	58.1	144	6	0	749.8	382
2021	8	14	11	34.9	52.3	159	6	0	749.0	632
2021	8	14	12	36.1	48.3	138	11	0	748.7	624
2021	8	14	13	34.7	69	103	33	0	748.9	670
2021	8	14	14	31.9	66.4	136	32	0	749.2	140
2021	8	14	15	30.8	70.8	87	35	2.2	749.6	202
2021	8	14	16	31.8	62.7	180	35	0	749.9	392
2021	8	14	17	33	60.3	241	11	0	750.5	488
2021	8	14	18	33	64.4	234	8	0	751.0	275
2021	8	14	19	31.8	67.7	230	17	0	751.2	76
2021	8	14	20	30.8	71.6	221	8	0	751.1	0
2021	8	14	21	30.6	71.8	225	4	0	750.8	0
2021	8	14	22	30.3	73.5	225	4	0	750.6	0
2021	8	14	23	29.9	74.2	114	8	0	750.0	0
2021	8	14	24	29.8	77	120	6	0	749.8	0
2021	8	15	1	29.7	76.9	111	4	0	749.9	0
2021	8	15	2	29.6	76.5	104	4	0	750.3	0
2021	8	15	3	29.1	80.7	183	4	0	750.9	0
2021	8	15	4	28.8	81.7	227	3	0	751.7	0
2021	8	15	5	28.8	84.1	234	1	0	752.2	0
2021	8	15	6	28.6	84.7	234	4	0	752.6	0
2021	8	15	7	28.6	85.6	240	1	0	752.6	16
2021	8	15	8	31.3	67.4	196	1	0	752.3	87
2021	8	15	9	32.8	63	80	8	0	751.4	307
2021	8	15	10	31.6	61	74	8	0	750.9	381
2021	8	15	11	32.7	62	73	8	0	750.2	671
2021	8	15	12	32.4	63.2	60	25	0	749.9	802
2021	8	15	13	31.8	60.8	64	25	0	754.1	834
2021	8	15	14	32.6	61.5	50	17	0	750.0	890
2021	8	15	15	32.6	61	52	20	0	750.3	857
2021	8	15	16	33	60.9	43	24	0	750.8	726
2021	8	15	17	32.3	59.8	46	22	0	751.1	553
2021	8	15	18	32.5	60.9	69	22	0	751.4	349
2021	8	15	19	31.7	65.1	53	17	0	751.6	130
2021	8	15	20	30.9	67.3	60	14	0	751.4	2

2021	8	15	21	30.6	69.9	48	11	0	751.0	0
2021	8	15	22	30.3	71.8	38	17	0	750.8	0
2021	8	15	23	30.3	72.2	38	17	0	750.5	0
2021	8	15	24	30.2	71.9	60	20	0	757.6	0
2021	8	16	1	30.3	72	112	17	0	750.4	0
2021	8	16	2	30.2	74	103	14	0	750.5	0
2021	8	16	3	30.2	74.4	90	14	0	750.8	0
2021	8	16	4	30.1	75.4	46	12	0	758.4	0
2021	8	16	5	29.9	78.1	114	6	0	752.7	0
2021	8	16	6	29.8	77	60	6	0	750.0	0
2021	8	16	7	29.2	77.5	252	3	0	755.4	10
2021	8	16	8	30.2	73.1	74	4	0	752.4	82
2021	8	16	9	30.8	73.3	200	12	0	753.1	115
2021	8	16	10	31.6	66.5	148	17	0	754.0	312
2021	8	16	11	32.1	69	189	17	0	754.1	342
2021	8	16	12	31.7	67.3	120	22	0	749.0	310
2021	8	16	13	31.1	70.7	50	33	0	751.0	419
2021	8	16	14	31.8	62.3	62	17	0	755.3	505
2021	8	16	15	32.7	61.9	86	17	0	750.0	446
2021	8	16	16	31.6	66.1	73	22	0	752.0	276
2021	8	16	17	31.2	68.3	87	17	0	753.4	211
2021	8	16	18	31	68.9	55	20	0	752.7	189
2021	8	16	19	30.8	72.7	98	24	0	750.0	79
2021	8	16	20	30.3	72.5	48	22	0	751.4	1
2021	8	16	21	30.3	73.5	55	19	0	756.1	0
2021	8	16	22	30.2	70.8	46	27	0	751.6	0
2021	8	16	23	29.9	75.9	40	22	0	752.0	0
2021	8	16	24	29.9	77.4	45	25	0	754.3	0
2021	8	17	1	29.4	75	74	20	0	752.3	0
2021	8	17	2	29.8	73.5	94	25	0	750.4	0
2021	8	17	3	29.7	74.8	77	24	0	751.9	0
2021	8	17	4	29.5	72.2	122	33	0	755.0	0
2021	8	17	5	29.5	75.9	110	14	0	752.7	0
2021	8	17	6	27.8	85.1	134	30	0	753.2	0
2021	8	17	7	27.9	83.5	136	3	0	753.0	1
2021	8	17	8	28.5	81.5	132	9	0	752.6	30
2021	8	17	9	28.9	81.3	194	3	0.2	751.8	61
2021	8	17	10	28.7	84.8	180	14	5.5	751.2	102
2021	8	17	11	28.3	83.8	84	20	0	750.7	167
2021	8	17	12	28.6	81.4	100	17	0.2	750.3	288
2021	8	17	13	29.3	73.7	74	25	0	750.2	350
2021	8	17	14	29.8	75.7	103	25	0	750.4	256
2021	8	17	15	29.3	74	96	22	0	750.8	247
2021	8	17	16	30.8	69	153	24	0	751.0	326
2021	8	17	17	30.7	68.1	245	17	0	751.4	179
2021	8	17	18	30.3	70.2	203	24	0	751.7	117
2021	8	17	19	29.4	80.6	162	11	0.2	756.8	35
2021	8	17	20	28.8	81.3	142	6	0.2	751.7	0
2021	8	17	21	28.3	82.5	166	16	0	750.0	0
2021	8	17	22	28.3	82.4	166	14	0	755.3	0
2021	8	17	23	28.2	83.3	187	9	0	750.8	0
2021	8	17	24	28.2	83	142	6	0	755.0	0
2021	8	18	1	28.2	82.5	112	6	0	750.2	0
2021	8	18	2	28.2	82.4	183	6	0	750.4	0
2021	8	18	3	28.2	81.7	112	8	0	751.2	0
2021	8	18	4	28	82.6	232	8	0	751.8	0
2021	8	18	5	27.8	83.9	165	6	0	753.0	0
2021	8	18	6	27.6	86.6	127	6	0	752.9	0
2021	8	18	7	27.6	89.1	141	6	0.7	754.0	0
2021	8	18	8	27.2	87.4	159	9	0.2	752.3	13
2021	8	18	9	27.2	87.8	135	12	1	751.9	29
2021	8	18	10	27	89.4	129	4	0.7	751.2	37
2021	8	18	11	27.2	92.4	199	6	2	750.7	49

2021	8	18	12	27.4	92.5	124	11	2.5	758.0	37
2021	8	18	13	27.8	89.2	153	8	0.5	750.0	134
2021	8	18	14	28.2	86.6	117	4	0	751.0	127
2021	8	18	15	28.3	81.9	187	11	0	750.3	89
2021	8	18	16	27.3	86.3	170	11	0.2	754.0	86
2021	8	18	17	28	83.8	145	16	0	749.8	98
2021	8	18	18	28.4	80	168	12	0	754.6	59
2021	8	18	19	28.3	78.1	158	19	0	751.4	26
2021	8	18	20	28.2	80.7	148	9	0	751.1	0
2021	8	18	21	28.1	79.9	131	8	0	750.8	0
2021	8	18	22	28.2	79.2	152	11	0	750.6	0
2021	8	18	23	28	82.7	127	12	0	752.7	0
2021	8	18	24	27.9	81.6	105	11	0	750.0	0
2021	8	19	1	27.8	81.9	121	11	0	755.4	0
2021	8	19	2	27.6	84.9	105	6	0	752.4	0
2021	8	19	3	27.8	81.1	148	8	0	753.1	0
2021	8	19	4	27.6	82.8	110	6	0	754.0	0
2021	8	19	5	27.6	84.7	110	6	0	754.1	0
2021	8	19	6	27.6	84.4	149	8	0	749.0	0
2021	8	19	7	27.4	83.2	132	8	0	751.0	8
2021	8	19	8	27.8	80.6	220	8	0	755.3	71
2021	8	19	9	28.2	76.5	184	12	0	750.0	149
2021	8	19	10	28.6	75	173	8	0	752.0	156
2021	8	19	11	28.8	74.6	141	12	0	753.4	158
2021	8	19	12	29.8	70.4	134	9	0	752.7	239
2021	8	19	13	29.5	77.1	179	14	0.2	750.0	109
2021	8	19	14	29.2	78.4	162	11	0	751.4	79
2021	8	19	15	28.7	80.4	190	12	0	756.1	54
2021	8	19	16	28.3	83.8	223	14	0.5	751.6	48
2021	8	19	17	27.9	84.4	182	11	0	752.0	118
2021	8	19	18	28.5	79.5	168	14	0.2	754.3	127
2021	8	19	19	28.6	80	197	11	0	752.3	49
2021	8	19	20	28.3	80.4	162	8	0	750.4	0
2021	8	19	21	28.2	81.6	132	6	0	751.9	0
2021	8	19	22	28.2	78	190	8	0	755.0	0
2021	8	19	23	28.5	75.4	227	6	0	750.9	0
2021	8	19	24	28.6	76.2	134	8	0	750.8	0
2021	8	20	1	28.2	80.1	97	14	0	750.7	0
2021	8	20	2	27.8	82.6	228	3	0	751.1	0
2021	8	20	3	27.4	83.6	208	1	0	751.9	0
2021	8	20	4	27.2	86.6	81	11	0.7	752.6	0
2021	8	20	5	27.2	87.3	175	8	1	753.7	0
2021	8	20	6	26	89.1	227	12	7.3	754.1	0
2021	8	20	7	25.7	91.3	79	6	0.2	753.9	2
2021	8	20	8	26.4	90.6	125	4	0.2	753.7	29
2021	8	20	9	26.7	91.8	125	17	10.1	752.9	56
2021	8	20	10	25.7	99.9	200	6	0.2	752.2	71
2021	8	20	11	26.7	100	168	8	0.2	751.7	160
2021	8	20	12	27.6	100	138	9	0	751.3	264
2021	8	20	13	29.7	74.8	241	8	0	751.5	554
2021	8	20	14	32.2	63.6	231	16	0	751.5	824
2021	8	20	15	32.3	64.6	196	33	0	751.8	785
2021	8	20	16	31.4	67.2	166	37	0	752.2	476
2021	8	20	17	28.3	83.7	166	37	2.5	753.0	152
2021	8	20	18	29.4	70.9	228	6	0	753.2	222
2021	8	20	19	29.8	76	247	9	0	753.5	75
2021	8	20	20	28.7	75.1	166	11	0	753.2	0
2021	8	20	21	28.3	79.6	110	6	0	753.1	0
2021	8	20	22	28.2	80.8	124	6	0	753.0	0
2021	8	20	23	28.2	80	131	1	0	752.7	0
2021	8	20	24	28.2	80.5	127	3	0	750.0	0
2021	8	21	1	28.3	78	114	8	0	755.4	0
2021	8	21	2	28.4	78.7	111	17	0	752.4	0

2021	8	21	3	28.4	79.8	156	16	0	753.1	0
2021	8	21	4	28.3	80.4	177	6	0	754.0	0
2021	8	21	5	28.3	80.3	220	8	0.2	754.1	0
2021	8	21	6	28.2	81.3	204	4	0	749.0	0
2021	8	21	7	28.1	80	207	3	0	751.0	9
2021	8	21	8	28.9	75.3	231	4	0	755.3	99
2021	8	21	9	30.6	65.1	245	6	0	750.0	169
2021	8	21	10	31.6	67.9	245	8	0	752.0	332
2021	8	21	11	31.1	66.3	238	9	0	753.4	400
2021	8	21	12	33.4	57.2	241	9	0	752.7	813
2021	8	21	13	34.1	56.6	245	12	0	750.0	891
2021	8	21	14	34.3	56.5	242	8	0	751.4	886
2021	8	21	15	34.2	55.4	244	9	0	756.1	860
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2021	8	21	17	33	61.7	242	19	0	752.0	456
2021	8	21	18	31.5	64.4	244	9	0	754.3	151
2021	8	21	19	30.9	69.3	240	9	0	752.3	84
2021	8	21	20	29.9	71.8	227	9	0	750.4	0
2021	8	21	21	29.7	73.7	240	9	0	751.9	0
2021	8	21	22	29.5	74.5	160	11	0	755.0	0
2021	8	21	23	29.4	74.6	128	9	0	754.0	0
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2021	8	22	1	29	77.2	108	8	0	750.2	0
2021	8	22	2	28.7	78.4	112	4	0	753.5	0
2021	8	22	3	28.6	79.4	168	4	0	754.0	0
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2021	8	22	8	29.3	71.1	155	6	0	754.9	79
2021	8	22	9	31.3	63.2	238	6	0	753.9	309
2021	8	22	10	32.6	58	214	11	0	752.9	367
2021	8	22	11	33.4	56.3	216	8	0	752.3	583
2021	8	22	12	34.2	51.2	241	9	0	751.9	757
2021	8	22	13	35.1	47.5	245	8	0	751.5	886
2021	8	22	14	36.1	52.3	225	8	0	751.5	798
2021	8	22	15	34.2	59.9	240	11	0	751.9	415
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2021	8	22	17	33.9	56.8	238	11	0	752.6	481
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2021	8	22	19	31.7	66.1	218	14	0	752.8	102
2021	8	22	20	30.3	68.6	214	11	0	752.6	1
2021	8	22	21	29.9	71.2	182	14	0	752.4	0
2021	8	22	22	29.6	73.3	160	9	0	752.3	0
2021	8	22	23	29.4	74.9	173	12	0	751.5	0
2021	8	22	24	29.1	75.4	197	8	0	748.5	0
2021	8	23	1	28.8	76.2	214	9	0	749.5	0
2021	8	23	2	28.6	78.1	224	9	0	756.7	0
2021	8	23	3	28.3	78.8	244	6	0	751.4	0
2021	8	23	4	28.1	80	203	8	0	752.3	0
2021	8	23	5	27.9	81.7	176	9	0	752.9	0
2021	8	23	6	27.7	82.6	170	8	0	753.2	0
2021	8	23	7	27.6	82.4	168	8	0	753.2	11
2021	8	23	8	28.8	73.6	183	11	0	752.8	87
2021	8	23	9	30.6	67.3	231	12	0	752.2	294
2021	8	23	10	31.7	63	255	14	0	754.1	329
2021	8	23	11	32.6	61.9	255	11	0	750.8	463
2021	8	23	12	33.6	55.1	261	9	0	749.0	700
2021	8	23	13	34.7	52.2	265	9	0	750.2	788
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2021	8	23	15	36.7	45.6	249	6	0	750.5	798
2021	8	23	16	37.1	48.5	196	11	0	751.0	551
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2021	8	23	22	29.6	68.2	235	8	0	751.1	0
2021	8	23	23	28.8	69.4	266	6	0	752.7	0
2021	8	23	24	28.6	72.2	245	4	0	750.0	0
2021	8	24	1	28.3	75.8	211	6	0	755.4	0
2021	8	24	2	28.3	78.7	193	4	0	752.4	0
2021	8	24	3	28.3	81.4	224	11	0	753.1	0
2021	8	24	4	28.3	82.4	230	8	0	754.0	0
2021	8	24	5	28.3	83.1	232	8	0	754.1	0
2021	8	24	6	28.2	84.1	245	9	0	749.0	0
2021	8	24	7	28.1	85.1	241	8	0	751.0	10
2021	8	24	8	28.7	78.4	245	9	0	755.3	89
2021	8	24	9	30.1	71	254	9	0	750.0	236
2021	8	24	10	31.3	65.1	271	9	0	752.0	315
2021	8	24	11	32.7	60	256	11	0	753.4	647
2021	8	24	12	34.5	54.5	262	8	0	752.7	797
2021	8	24	13	35.7	50.6	249	9	0	750.0	809
2021	8	24	14	36.2	48.9	265	9	0	751.4	674
2021	8	24	15	36.1	47.4	254	9	0	756.1	581
2021	8	24	16	36.6	54.8	241	12	0	751.6	572
2021	8	24	17	34.4	58.9	231	11	0	752.0	317
2021	8	24	18	32.4	61.1	210	20	0	754.3	162
2021	8	24	19	30.7	66.2	224	12	0	752.3	64
2021	8	24	20	29.4	70.7	242	11	0	750.4	0
2021	8	24	21	29.3	72.8	276	9	0	751.9	0
2021	8	24	22	28.8	76.7	232	9	0	755.0	0
2021	8	24	23	28.4	73.8	241	6	0	756.8	0
2021	8	24	24	28.4	74.1	245	8	0	751.1	0
2021	8	25	1	28.1	77.5	237	8	0	750.8	0
2021	8	25	2	28.1	80.4	264	6	0	751.1	0
2021	8	25	3	28.1	82.3	242	8	0	751.6	0
2021	8	25	4	28.1	83.3	249	8	0	752.3	0
2021	8	25	5	28	84.5	265	6	0	755.2	0
2021	8	25	6	27.9	85.8	268	9	0	753.2	0
2021	8	25	7	27.8	85.7	269	8	0	753.2	10
2021	8	25	8	28.7	75.1	283	6	0	752.9	95
2021	8	25	9	30.6	64.5	264	8	0	751.9	266
2021	8	25	10	32.5	59.2	269	16	0	750.8	350
2021	8	25	11	33.2	56.4	265	11	0	750.0	662
2021	8	25	12	34	53.7	259	11	0	749.6	774
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2021	8	26	5	28.1	79.8	262	6	0	750.5	0
2021	8	26	6	27.9	81.5	151	8	0	750.9	0
2021	8	26	7	27.9	83.5	242	6	0	751.6	8
2021	8	26	8	28.3	79.2	242	8	0	752.3	95

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2021	8	26	11	30.7	66.2	256	9	0	752.1	286
2021	8	26	12	32.1	59.2	265	11	0	751.4	547
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2021	8	26	14	33.8	56	262	14	0	750.2	448
2021	8	26	15	34	58.7	245	9	0	758.1	202
2021	8	26	16	31.9	71.1	259	16	0	749.9	86
2021	8	26	17	28.8	71.6	282	12	0.5	750.1	33
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2021	8	26	19	29.4	81.2	49	16	0	750.7	12
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2021	8	27	6	27.5	87.1	224	4	1	754.1	0
2021	8	27	7	27.3	85.9	230	6	0.5	753.9	0
2021	8	27	8	27	86.7	235	8	0	753.7	30
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2021	8	31	9	29.4	72.9	86	48	0	748.9	177
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2021	8	31	12	31.1	66.2	120	49	0	750.0	777
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2021	8	31	20	29.8	72.3	158	24	0	751.4	0
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2021	8	31	22	29.7	73	200	17	0	750.6	0
2021	8	31	23	29.7	73.4	218	8	0	749.8	0
2021	8	31	24	29.4	72.8	204	4	0	754.7	0

Prepared By :-

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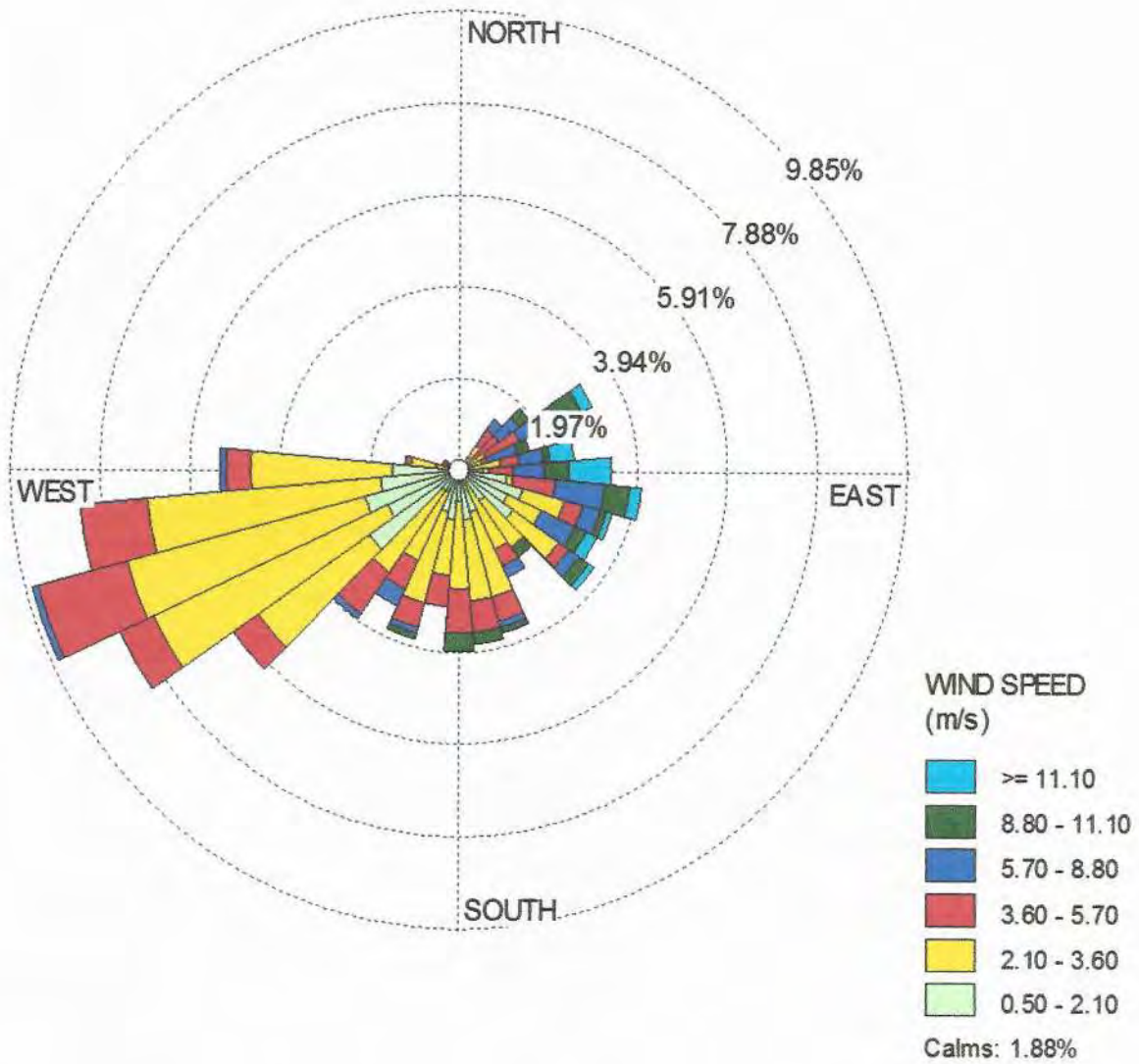


For Mitra S.K Private Limited

Ananta Kumar Pathy
Authorised Signatory

H. O.: Shrachi Centre (5th Floor), 74B, Acharya Jagadish Chandra Bose Road, Kolkata – 700 016, West Bengal, India

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Mitra S. K. Private Limited



N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
F : (0674) 2362918

TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/800
Date : 01.10.2021
Sample Description : Ambient Air Quality
Month of Sampling : September - 2021
Sampling Location : LNG Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.09.2021	59.7	28.4	6.7	22.8	0.55	18.6	BDL	BDL	BDL	BDL	BDL	BDL
06.09.2021	64.5	33.9	7.0	27.3	0.71	23.2	BDL	BDL	BDL	BDL	BDL	BDL
09.09.2021	70.8	39.7	7.4	29.4	0.77	26.1	BDL	BDL	BDL	BDL	BDL	BDL
13.09.2021	50.2	24.7	6.3	17.1	0.45	15.7	BDL	BDL	BDL	BDL	BDL	BDL
16.09.2021	68.7	37.8	6.9	26.5	0.66	24.8	BDL	BDL	BDL	BDL	BDL	BDL
20.09.2021	52.7	22.7	6.2	18.4	0.49	14.6	BDL	BDL	BDL	BDL	BDL	BDL
23.09.2021	62.1	30.4	6.5	23.1	0.62	20.8	BDL	BDL	BDL	BDL	BDL	BDL
27.09.2021	58.2	21.8	6.1	20.2	0.59	17.6	BDL	BDL	BDL	BDL	BDL	BDL
Average	60.86	29.92	6.63	23.10	0.60	20.17	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J unc,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL is Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by:



For Mitra S. K. Private Limited

Authorized Signatory

H.O.: Shrachi Centre (5th Floor), 74B, Acharya Jagadish Chandra Bose Road, Kolkata - 700 016, West Bengal, India
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Mitra S. K. Private Limited



N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/801
Date : 01.10.2021
Sample Description : Ambient Air Quality
Month of Sampling : September - 2021
Sampling Location : GKE Office

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.09.2021	70.4	37.5	7.3	28.4	0.84	26.7	BDL	BDL	BDL	BDL	BDL	BDL
06.09.2021	62.3	31.2	6.8	22.8	0.64	19.6	BDL	BDL	BDL	BDL	BDL	BDL
09.09.2021	57.2	28.4	6.4	20.3	0.59	17.5	BDL	BDL	BDL	BDL	BDL	BDL
13.09.2021	60.8	30.1	6.7	21.6	0.65	18.3	BDL	BDL	BDL	BDL	BDL	BDL
16.09.2021	72.5	39.1	7.6	30.2	0.77	28.4	BDL	BDL	BDL	BDL	BDL	BDL
20.09.2021	64.2	32.2	6.9	25.1	0.62	22.3	BDL	BDL	BDL	BDL	BDL	BDL
23.09.2021	55.4	26.1	6.3	19.5	0.49	14.2	BDL	BDL	BDL	BDL	BDL	BDL
27.09.2021	52.9	24.8	6.1	16.8	0.41	12.8	BDL	BDL	BDL	BDL	BDL	BDL
Average	61.96	31.17	6.76	23.08	0.63	19.97	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff.: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone - Spectrophotometer
Arsenic, Nickel, Lead - ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by:



For Mitra S. K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

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Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/802
Date : 01.10.2021
Sample Description : Ambient Air Quality
Month of Sampling : September- 2021
Sampling Location : L & T Office


Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.09.2021	69.7	35.2	7.0	26.2	0.69	22.1	BDL	BDL	BDL	BDL	BDL	BDL
06.09.2021	71.4	37.6	7.3	28.1	0.70	26.8	BDL	BDL	BDL	BDL	BDL	BDL
09.09.2021	62.2	31.7	6.7	20.8	0.58	16.5	BDL	BDL	BDL	BDL	BDL	BDL
13.09.2021	57.2	28.1	6.5	18.3	0.51	15.7	BDL	BDL	BDL	BDL	BDL	BDL
16.09.2021	50.6	25.7	6.2	15.8	0.40	11.6	BDL	BDL	BDL	BDL	BDL	BDL
20.09.2021	65.8	34.4	6.9	24.7	0.61	20.3	BDL	BDL	BDL	BDL	BDL	BDL
23.09.2021	75.2	36.1	7.8	29.2	0.79	27.6	BDL	BDL	BDL	BDL	BDL	BDL
27.09.2021	53.6	26.2	6.3	16.2	0.47	12.8	BDL	BDL	BDL	BDL	BDL	BDL
Average	63.21	31.87	6.83	22.41	0.59	19.17	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. . 2012)	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012)	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited


Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/803
Date : 01.10.2021
Sample Description : Ambient Air Quality
Month of Sampling : September – 2021
Sampling Location : Kanakprasad

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.09.2021	54.5	24.6	6.3	19.5	0.46	14.1	BDL	BDL	BDL	BDL	BDL	BDL
06.09.2021	67.7	29.4	6.7	23.6	0.59	20.7	BDL	BDL	BDL	BDL	BDL	BDL
09.09.2021	59.3	28.8	6.5	21.4	0.52	18.2	BDL	BDL	BDL	BDL	BDL	BDL
13.09.2021	63.5	26.1	6.6	22.1	0.61	19.7	BDL	BDL	BDL	BDL	BDL	BDL
16.09.2021	50.8	23.8	6.4	15.3	0.44	11.2	BDL	BDL	BDL	BDL	BDL	BDL
20.09.2021	72.6	34.5	7.0	25.8	0.68	21.6	BDL	BDL	BDL	BDL	BDL	BDL
23.09.2021	61.3	30.2	6.6	20.7	0.43	13.4	BDL	BDL	BDL	BDL	BDL	BDL
27.09.2021	55.7	25.1	6.2	14.8	0.40	11.3	BDL	BDL	BDL	BDL	BDL	BDL
Average	60.67	27.81	6.53	20.40	0.51	16.27	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. . 2012	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,; 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by:



For Mitra S. K. Private Limited

Authorized Signatory

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Mitra S. K. Private Limited



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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/804
Date : 01.10.2021
Sample Description : Ambient Air Quality
Month of Sampling : September – 2021
Sampling Location : Chianipahi


Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.09.2021	58.4	27.6	6.4	17.5	0.44	13.2	BDL	BDL	BDL	BDL	BDL	BDL
06.09.2021	53.6	24.7	6.1	15.8	0.42	11.6	BDL	BDL	BDL	BDL	BDL	BDL
09.09.2021	65.8	31.7	6.8	24.1	0.67	20.3	BDL	BDL	BDL	BDL	BDL	BDL
13.09.2021	60.7	29.4	6.3	18.7	0.56	14.1	BDL	BDL	BDL	BDL	BDL	BDL
16.09.2021	69.5	34.2	7.1	27.5	0.71	23.5	BDL	BDL	BDL	BDL	BDL	BDL
20.09.2021	55.7	28.1	6.7	20.9	0.58	17.3	BDL	BDL	BDL	BDL	BDL	BDL
23.09.2021	50.4	22.9	6.2	15.8	0.41	10.8	BDL	BDL	BDL	BDL	BDL	BDL
27.09.2021	51.6	23.7	6.1	16.5	0.49	12.3	BDL	BDL	BDL	BDL	BDL	BDL
Average	58.21	27.78	6.46	19.60	0.53	15.38	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. 2012)	IS 5182: Part 24:201 9	IS 5182: Part 2 :2001 (Reaff. 2012)	IS 5182: Part 6 :2006 (Reaff. 2012)	IS 5182: Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,20 14

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2, BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by: 



For Mitra S. K. Private Limited

Authorized Signatory 

Mitra S. K. Private Limited



N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/805
Date : 01.10.2021
Sample Description : Ambient Air Quality
Month of Sampling : September – 2021
Sampling Location : Kaithkhola

Date	PARAMETERS											
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	O ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
02.09.2021	62.6	33.6	6.7	22.8	0.47	19.4	BDL	BDL	BDL	BDL	BDL	BDL
06.09.2021	70.2	35.3	7.1	27.2	0.51	24.8	BDL	BDL	BDL	BDL	BDL	BDL
09.09.2021	57.7	29.7	6.8	20.5	0.48	17.6	BDL	BDL	BDL	BDL	BDL	BDL
13.09.2021	66.1	35.1	7.3	26.2	0.59	21.7	BDL	BDL	BDL	BDL	BDL	BDL
16.09.2021	55.3	27.8	6.4	19.8	0.62	16.8	BDL	BDL	BDL	BDL	BDL	BDL
20.09.2021	77.4	36.7	7.2	27.4	0.81	25.4	BDL	BDL	BDL	BDL	BDL	BDL
23.09.2021	63.1	30.4	6.9	25.8	0.69	21.8	BDL	BDL	BDL	BDL	BDL	BDL
27.09.2021	54.3	24.6	6.3	17.6	0.45	15.7	BDL	BDL	BDL	BDL	BDL	BDL
Average	63.33	31.65	6.83	23.41	0.58	20.40	----	----	----	----	----	----
CPCB, New Delhi AAQ Standard	100	60	80	80	4	400	180	1	20	6	5	1
Time Weighted Average (hrs.)	24	24	24	24	1	24	1	24	Annual	Annual	Annual	Annual
TEST METHOD	IS 5182: Part 23:20 06 (Reaff. .2012	IS 5182: Part 24:201 9	IS 5182 : Part 2 :2001 (Reaff. 2012	IS 5182 : Part 6 :2006 (Reaff. 2012)	IS 5182 : Part 10 :1999 (Reaff.2 014)	IS 5182: Part 25:201 8	IS 5182: Part 09:14	EPA - IO3.4J une,19 99	EPA - IO3.4Ju ne,1999	EPA - IO3.4Ju ne,1999	IS:5182(Part- 11):2006 Reaff,20 12	IS:5182(Part- 12):2004 Reaff,: 2014

Remarks :-

BDL for Ozone (O₃) is <20.0, BDL for Lead (Pb) is <0.01, BDL for Nickel (Ni) is <5.0
BDL for Arsenic (As) is <1.0, BDL for Benzene (C₆H₆) is <4.2 , BDL for Benzo (a) pyrene (BaP) is <0.5

Instruments Used -

Ozone – Spectrophotometer
Arsenic, Nickel, Lead – ICP (OES)
Benzene and Benzo (a) pyrene - GCM

Report Prepared by:



For Mitra S. K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



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TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company
DLTPL – Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/806
Date : 01.10.2021
Sample No. : MSKGL/ED/2020-21/09/00820
Sample Description : Noise (Work Zone)

Instrument Used :-
Digital Sound Level Meter - Sl. No.Q665566
Model No. SL – 4033SD
Calibration Due on – 10.03.2022

Workzone Noise Level Monitoring Data

<u>Sl. No</u>	<u>Sampling Date</u>	<u>Sampling Location</u>	<u>MAX</u>	<u>MIN</u>	<u>Results in Avg dB(A)</u>
1.	02.09.2021	CTC Office	88.3	35.7	75.3
2.	09.09.2021	Jetty	84.0	49.4	64.6
3.	23.09.2021	Bergen Office	78.3	48.5	75.3
4.	16.09.2021	Tank	80.7	37.6	75.1

OSHA'S Permissible Noise Exposure Limits

<u>Noise Level</u>	<u>Exposure Limit</u>
90 dBA	8.0 hours

Report Prepared by:



For Mitra S.K. Private Limited

Authorized Signatory

Mitra S. K. Private Limited

N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]



TEST REPORT

T : (0674) 2362916, 2360917
F : (0674) 2362918

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company Ltd.
DLTPL- Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/807
Date : 01.10.2021
Sample No. : MSKGL/ED/2020-21/09/00600
Sample Description : Ambient Noise

Instrument Used :-
Digital Sound Level Meter - Sl. No.Q665566
Model No. SL - 4033SD
Calibration Due on - 10.03.2022


Noise Level Monitoring Data

Sl. No	Sampling Date	Sampling Location	Day L Time dB(A)			Night Time L dB(A)		
			MAX	MIN	AVG.	MAX	MIN	AVG.
1.	01.09.2021	LNG Office	73.4	58.4	70.8	62.7	57.7	65.8
2.	15.09.2021	GKE Office	70.5	54.0	65.4	68.0	58.1	63.2
3.	10.09.2021	L&T Office	71.5	41.1	59.3	69.6	36.5	55.2
4.	24.09.2021	Kanakprasad	53.7	36.6	45.4	50.7	36.6	44.1
5.	21.09.2021	Chianipahi	54.4	36.4	47.3	48.7	35.8	43.9
6.	29.09.2021	Kaithkhola	53.0	36.4	51.1	51.5	35.4	44.4

Noise Limit as per CPCB

Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

NOTE :
Day Time : 06.00 Hr.-22.00 Hr.
Night Time:22.00 Hr.-06.00 Hr.

Report Prepared by: 



For Mitra S. K. Private Limited


Authorized Signatory

Mitra S. K. Private Limited



N-5/100, Ground Floor
IRC Village, Nayapalli
Bhubaneswar - 751015
[CIN: U51909WB1956PTC023037]

T : (0674) 2362916, 2360917
F : (0674) 2362918

METEOROLOGY TEST REPORT

Name & Address of the Customer :
Dhamra LNG Terminal Pvt. Ltd.
C/O Dhamra Port Company
DLTPL - Site Office
Dist: Bhadrak, Odisha, 756171

Report No. : BBS/102
Date : 01.10.2021
Sample No. : MSKGL/ED/2020-21/09/00287
Date of sampling : 01.09.2021 to 30.09.2021
Sampling Location : SS - 6 Office
Sampling Done By : Mr. Kunja Bihari Nayak

Year	Month	Day	Hour	Temperature (°C)	Relative Humidity (%)	Wind Dir (Deg)	Wind Speed (Km/Hr)	Rainfall (mm)	Barometric pressure mm in Hg	Solar Rad (wat/m2)
-	-	-	-	-	-	-	-	-	754.0	0
2021	9	1	1	29.3	74.5	163	3	0	755.1	0
2021	9	1	2	29.2	76.4	163	4	0	754.1	0
2021	9	1	3	28.6	79.2	159	3	0	753.3	0
2021	9	1	4	28.4	74.4	103	1	0	752.4	0
2021	9	1	5	28.4	74	100	3	0	751.9	0
2021	9	1	6	28.2	77	148	1	0	750.2	6
2021	9	1	7	28.1	81.6	190	1	0	748.5	61
2021	9	1	8	28.5	79.7	208	1	0	749.2	302
2021	9	1	9	31.7	63.5	176	6	0	751.4	395
2021	9	1	10	31.4	62.8	76	11	0	752.7	727
2021	9	1	11	32	63.4	67	12	0	755.6	711
2021	9	1	12	31.6	59.6	59	17	0	752.6	743
2021	9	1	13	31.6	64.2	56	20	0	749.2	833
2021	9	1	14	31.4	62.8	63	25	0	752.5	732
2021	9	1	15	31.2	62.5	76	28	0	753.2	681
2021	9	1	16	31.3	61.2	74	25	0	751.6	456
2021	9	1	17	31	62.6	72	25	0	750.8	171
2021	9	1	18	31.4	58.8	169	24	0	749.2	64
2021	9	1	19	31.6	62.5	238	6	0	752.1	0
2021	9	1	20	30.6	65.8	223	6	0	750.7	0
2021	9	1	21	30.2	66.5	232	9	0	748.0	0
2021	9	1	22	30.1	70.3	235	6	0	751.2	0
2021	9	1	23	29.9	70.4	228	4	0	753.0	0
2021	9	1	24	29.6	71.8	128	6	0	752.2	0
2021	9	1	24	29.2	74.3	114	4	0	753.1	0
2021	9	2	1	28.9	76.1	248	1	0	752.6	0
2021	9	2	2	28.7	80.1	280	1	0	751.8	0
2021	9	2	3	28.4	81.6	269	1	0	750.8	0
2021	9	2	4	28.2	82.5	271	0	0	754.0	0
2021	9	2	5	28.1	82.9	269	1	0	749.8	10
2021	9	2	6	28.2	83.3	289	3	0	752.0	106
2021	9	2	7	29.1	75.2	272	4	0	750.2	220
2021	9	2	8	30.2	67.9	247	6	0	748.8	328
2021	9	2	9	32.4	57.2	225	6	0	758.6	579
2021	9	2	10	33.8	52.2	176	3	0	749.5	649
2021	9	2	11	33	59.4	79	16	0	751.1	870
2021	9	2	12	32.4	56.6	60	12	0	753.8	722
2021	9	2	13	31.9	58.7	64	25	0	755.2	809
2021	9	2	14	32.1	59.1	59	22	0	750.4	632
2021	9	2	15	31.4	62.3	70	30	0	754.2	408
2021	9	2	16	31.9	61.6	114	30	0	750.0	274
2021	9	2	17	31.1	59.2	117	32	0	749.9	22
2021	9	2	18	31	65.2	149	20	0		
2021	9	2	19							

2021	9	2	18	31.1	59.2	117	32	0	750.0	274
2021	9	2	19	31	65.2	149	20	0	749.9	22
2021	9	2	20	30.7	65.4	231	9	0	748.2	0
2021	9	2	21	30.4	66.9	166	4	0	749.8	0
2021	9	2	22	30.2	68.1	183	3	0	750.0	0
2021	9	2	23	29.9	69.6	125	3	0	754.8	0
2021	9	2	24	29.8	70.8	158	4	0	751.4	0
2021	9	3	1	29.6	72.6	120	3	0	752.3	0
2021	9	3	2	29.2	75.4	131	6	0	753.8	0
2021	9	3	3	28.7	79.2	237	4	0	752.6	0
2021	9	3	4	28.7	80.2	230	4	0	750.0	0
2021	9	3	5	28.6	79.7	231	4	0	751.7	0
2021	9	3	6	28.3	83.1	237	6	0	754.0	0
2021	9	3	7	28.2	83.4	230	3	0	750.9	5
2021	9	3	8	28.8	75.6	231	4	0	751.0	80
2021	9	3	9	31.1	62.4	262	4	0	750.7	307
2021	9	3	10	32.8	55.5	230	8	0	752.3	308
2021	9	3	11	34.1	49.9	207	6	0	751.4	705
2021	9	3	12	34.2	51.6	151	11	0	754.6	738
2021	9	3	13	34.2	58.1	62	17	0	752.3	932
2021	9	3	14	32.4	59.2	63	20	0	753.5	906
2021	9	3	15	32.4	58.3	64	24	0	755.4	827
2021	9	3	16	32.2	58.9	64	24	0	752.9	682
2021	9	3	17	31.8	60.5	66	22	0	753.5	500
2021	9	3	18	31.6	61.2	104	24	0	752.7	295
2021	9	3	19	31.1	62.1	132	25	0	750.0	70
2021	9	3	20	31.3	65.6	241	8	0	755.4	0
2021	9	3	21	30.9	67.1	234	6	0	752.4	0
2021	9	3	22	30.6	66.4	217	4	0	753.1	0
2021	9	3	23	30.4	65.7	132	4	0	754.0	0
2021	9	3	24	30.3	65.5	115	8	0	754.1	0
2021	9	4	1	30.1	70.2	159	4	0	749.0	0
2021	9	4	2	29.7	73.8	197	3	0	751.0	0
2021	9	4	3	29.5	73.5	249	3	0	755.3	0
2021	9	4	4	29.3	74.8	238	4	0	750.0	0
2021	9	4	5	28.7	78.9	244	4	0	752.0	0
2021	9	4	6	28.3	81.3	238	3	0	753.4	0
2021	9	4	7	28.3	82.6	244	3	0	752.7	11
2021	9	4	8	28.8	75.1	244	3	0	750.0	72
2021	9	4	9	31.1	61.4	247	4	0	752.6	294
2021	9	4	10	33.1	53.7	251	6	0	756.2	267
2021	9	4	11	34.7	51.1	193	8	0	753.2	756
2021	9	4	12	35.4	47.9	175	12	0	755.0	895
2021	9	4	13	35.5	46.6	235	11	0	754.1	913
2021	9	4	14	36	43.1	208	11	0	749.0	885
2021	9	4	15	36.2	45	156	14	0	753.8	671
2021	9	4	16	34.7	46.9	70	19	0	750.0	620
2021	9	4	17	33.2	55.2	69	16	0	753.2	464
2021	9	4	18	31.7	62.5	72	25	0	752.9	277
2021	9	4	19	31	66.4	81	22	0	751.0	21
2021	9	4	20	30.9	65.4	141	25	0	752.3	0
2021	9	4	21	31.3	65.3	230	4	0	754.0	0
2021	9	4	22	30.9	66.4	206	4	0	750.0	0
2021	9	4	23	30.6	68.1	145	3	0	752.9	0
2021	9	4	24	30.2	70.1	134	4	0	753.3	0
2021	9	5	1	29.9	71.9	114	3	0	754.2	0
2021	9	5	2	29.8	72.8	125	1	0	755.8	0
2021	9	5	3	29.5	75.7	135	1	0	751.0	0
2021	9	5	4	28.9	82.5	245	4	0	749.0	0
2021	9	5	5	28.3	81.4	249	6	0	752.0	0
2021	9	5	6	28.2	82.7	247	6	0	751.2	0
2021	9	5	7	28.2	80.4	247	6	0	750.5	6
2021	9	5	8	28.8	71	264	8	0	752.6	84

2021	9	5	9	30.5	63	256	11	0	750.3	184
2021	9	5	10	31.8	60.9	258	16	0	751.4	286
2021	9	5	11	31.8	62.6	234	19	0	756.1	591
2021	9	5	12	32.4	59.9	241	20	0	751.6	745
2021	9	5	13	33.7	56.6	252	17	0	752.0	821
2021	9	5	14	33.9	55.3	224	19	0	754.3	797
2021	9	5	15	32.1	59	199	24	0	752.3	235
2021	9	5	16	33.4	58.1	192	24	0	750.4	591
2021	9	5	17	33.7	59.1	197	27	0	751.9	412
2021	9	5	18	32.4	63.4	136	27	0	755.0	120
2021	9	5	19	29.9	74.4	115	24	0	750.9	12
2021	9	5	20	30.6	66.9	112	30	0	750.3	0
2021	9	5	21	30.8	65.5	107	25	0	752.0	0
2021	9	5	22	30.9	66	144	28	0	751.0	0
2021	9	5	23	30.8	68.7	142	19	0	751.3	0
2021	9	5	24	30.6	69	179	20	0	751.8	0
2021	9	6	1	30.3	69.3	152	22	0	752.4	0
2021	9	6	2	30	73.8	118	19	0	752.7	0
2021	9	6	3	28.7	80.4	165	20	0	752.5	0
2021	9	6	4	28.3	78.7	145	25	0	751.5	0
2021	9	6	5	29	77.2	156	24	0	750.8	0
2021	9	6	6	29.2	75.8	142	24	0	750.2	0
2021	9	6	7	28.7	79	146	20	0	749.6	8
2021	9	6	8	29.2	74.8	155	20	0	749.9	87
2021	9	6	9	30.6	67.6	136	25	0	750.0	282
2021	9	6	10	31.4	65.5	128	35	0	751.0	355
2021	9	6	11	32.1	60.9	141	24	0	750.5	567
2021	9	6	12	31.6	65.3	136	32	0.5	751.1	530
2021	9	6	13	30.4	75.6	114	49	0	749.0	623
2021	9	6	14	29.6	62.3	66	53	0	751.5	754
2021	9	6	15	31.1	61.9	74	25	0	748.0	606
2021	9	6	16	31.6	74.1	118	22	0	750.9	477
2021	9	6	17	28.9	73.5	79	56	0.2	750.9	263
2021	9	6	18	29.8	74.6	88	27	0	750.2	106
2021	9	6	19	29.4	74.8	74	28	0	749.5	16
2021	9	6	20	29.7	71	57	57	0	749.4	0
2021	9	6	21	29.6	77.2	62	43	0.2	749.6	0
2021	9	6	22	29.6	73.5	67	51	0	749.9	0
2021	9	6	23	28.4	73.5	62	57	0	752.3	0
2021	9	6	24	28.9	77.2	117	33	0.5	754.0	0
2021	9	7	1	28.2	85.9	193	46	1	750.0	0
2021	9	7	2	27.3	85.9	162	51	0.2	752.9	0
2021	9	7	3	27.9	80.5	165	28	0	753.3	0
2021	9	7	4	28.7	75.6	118	37	0	754.2	0
2021	9	7	5	29.1	73.1	100	38	0	755.8	0
2021	9	7	6	26.9	97.6	94	51	2.5	751.0	0
2021	9	7	7	27.6	93.6	136	30	0	749.0	4
2021	9	7	8	28.4	84.5	146	33	0.7	752.0	43
2021	9	7	9	28.3	81.6	182	35	0	751.2	100
2021	9	7	10	29.1	75.6	131	41	0.2	750.5	131
2021	9	7	11	28.7	75.3	180	41	1.5	752.6	157
2021	9	7	12	27.8	82.1	117	56	1.2	750.3	84
2021	9	7	13	28.6	78	168	41	0	751.4	228
2021	9	7	14	29.8	71.9	237	20	0	756.1	275
2021	9	7	15	29.8	71.9	169	11	0	751.6	215
2021	9	7	16	29.2	75.4	194	16	0	752.0	119
2021	9	7	17	29.3	75.2	162	24	0	754.3	56
2021	9	7	18	29.3	73.6	104	27	0.2	752.3	32
2021	9	7	19	29.4	76.2	86	32	0	750.4	2
2021	9	7	20	29.1	77.3	101	41	0	751.9	0
2021	9	7	21	29.1	77.1	194	27	0	755.0	0
2021	9	7	22	29.2	74.9	206	22	0	750.9	0
2021	9	7	23	29.1	78.8	138	48	0	750.3	0

2021	9	7	24	28.3	81.4	184	27	0	752.0	0
2021	9	8	1	28.4	78.3	169	11	0	751.0	0
2021	9	8	2	28.6	79.7	244	9	0	751.3	0
2021	9	8	3	28.4	79.7	237	6	0	751.8	0
2021	9	8	4	27.8	84.2	203	16	2.5	752.4	0
2021	9	8	5	26.9	85.7	158	4	0	752.7	0
2021	9	8	6	27.1	85.9	74	8	0	752.5	0
2021	9	8	7	26.9	87.1	176	3	1.5	751.5	1
2021	9	8	8	27.2	87	122	9	0	750.8	28
2021	9	8	9	26.8	87.7	121	6	0.5	750.2	53
2021	9	8	10	27.4	86	158	3	0	749.6	47
2021	9	8	11	27.7	84.7	139	8	0	749.9	58
2021	9	8	12	28.4	77.1	81	8	0	750.0	164
2021	9	8	13	29.4	76.2	141	8	0	751.0	172
2021	9	8	14	29.4	76.6	50	25	0	750.5	178
2021	9	8	15	28.7	74.7	100	27	0	751.1	268
2021	9	8	16	29.2	71.9	144	25	0	749.0	406
2021	9	8	17	30.4	67.4	125	11	0	751.5	327
2021	9	8	18	29.6	73.1	176	16	0	748.0	101
2021	9	8	19	29	77.2	134	6	0	750.9	34
2021	9	8	20	28.5	80	87	11	0	750.9	0
2021	9	8	21	28.4	81.5	98	6	0	750.2	0
2021	9	8	22	28.4	81.1	138	3	0	749.5	0
2021	9	8	23	28.7	81.1	162	4	0	749.4	0
2021	9	8	24	28.5	82.2	134	4	0	749.6	0
2021	9	9	1	28.4	83	158	4	0	749.9	0
2021	9	9	2	28.2	84.7	122	3	0	750.5	0
2021	9	9	3	27.9	84.4	118	0	0	750.8	0
2021	9	9	4	27.8	83.7	118	0	0	754.8	0
2021	9	9	5	27.8	84.4	118	0	0	752.6	0
2021	9	9	6	27.9	84	136	9	0	752.6	0
2021	9	9	7	27.1	86.1	176	22	0	752.1	2
2021	9	9	8	26.9	82	103	19	0	752.1	2
2021	9	9	9	27.6	82.9	144	19	0	750.2	27
2021	9	9	10	28.3	79.1	146	1	0	750.4	73
2021	9	9	11	29	76.4	69	3	0	752.8	138
2021	9	9	12	29.7	71.8	240	6	0	749.9	167
2021	9	9	13	31.2	68.3	213	8	0	749.9	415
2021	9	9	14	31.6	64.9	247	11	0	749.9	506
2021	9	9	15	32.4	59.3	241	9	0	750.4	760
2021	9	9	16	32.2	61.4	244	11	0	750.6	781
2021	9	9	17	32.7	58.4	211	8	0	751.3	510
2021	9	9	18	31.2	66.4	234	8	0	751.4	478
2021	9	9	19	29.7	71.7	81	8	0	751.4	144
2021	9	9	20	29.1	71.5	57	4	0	751.1	23
2021	9	9	21	29	72.8	64	1	0	751.1	0
2021	9	9	22	28.7	75	151	1	0	750.8	0
2021	9	9	23	28.6	74.8	282	3	0	750.7	0
2021	9	9	24	28.6	75.9	259	3	0	750.3	0
2021	9	10	1	28.3	77	232	3	0	750.7	0
2021	9	10	2	28	80	228	3	0	750.8	0
2021	9	10	3	27.8	82.5	251	4	0	751.7	0
2021	9	10	4	27.7	82.3	241	3	0	752.2	0
2021	9	10	5	27.6	85.9	240	3	0	752.9	0
2021	9	10	6	27.7	83.8	249	8	0	753.2	0
2021	9	10	7	28.1	79.9	264	8	0	755.4	0
2021	9	10	8	28.7	76.3	264	11	0	752.8	6
2021	9	10	9	29.4	73	288	12	0	752.5	82
2021	9	10	10	29.9	69.1	288	14	0	751.3	233
2021	9	10	11	30.4	66	293	17	0	751.3	302
2021	9	10	12	31.9	62.6	269	12	0	757.2	569
2021	9	10	13	32.4	55.9	272	12	0	751.1	773
2021	9	10	14	32.9	55.4	268	16	0	751.1	867
2021	9	10	14	32.9	55.4	268	16	0	751.4	842

2021	9	10	15	33.4	53.3	254	12	0	752.1	780
2021	9	10	16	33.7	53.2	249	12	0	752.6	638
2021	9	10	17	33.7	55.7	230	11	0	753.0	398
2021	9	10	18	32.9	60.1	213	11	0	753.5	195
2021	9	10	19	31.8	64.2	141	11	0	753.4	32
2021	9	10	20	30.8	69.1	53	9	0	753.1	0
2021	9	10	21	30.3	68.3	32	6	0	752.9	0
2021	9	10	22	31.1	71.2	203	12	0	753.2	0
2021	9	10	23	29.5	78.6	64	12	0	753.2	0
2021	9	10	24	29.3	78	300	11	0.2	753.1	0
2021	9	11	1	28.7	75.2	262	11	0	752.9	0
2021	9	11	2	28.2	79.2	251	19	0.7	753.0	0
2021	9	11	3	27.1	86.7	254	12	4.3	753.5	0
2021	9	11	4	27.4	87.6	247	12	7.1	753.8	0
2021	9	11	5	27.3	89.1	234	8	8.1	754.7	0
2021	9	11	6	26.6	88.8	254	19	8.6	755.3	0
2021	9	11	7	25.9	87.9	241	16	13.4	755.0	5
2021	9	11	8	26	87.9	252	6	3	754.5	63
2021	9	11	9	27.2	78.9	242	4	0	753.9	349
2021	9	11	10	30.2	69.4	160	11	0	752.9	415
2021	9	11	11	31.6	63.6	190	12	0	755.4	704
2021	9	11	12	31.7	62.5	262	12	0	751.8	715
2021	9	11	13	32.5	56.2	207	22	0	751.6	602
2021	9	11	14	29.6	72.8	155	33	0.2	751.7	279
2021	9	11	15	30.7	66.4	213	19	0	751.9	412
2021	9	11	16	30.8	69.3	251	22	0	753.0	374
2021	9	11	17	31.1	65.7	163	17	0	752.8	256
2021	9	11	18	30.9	70.8	172	22	0	758.0	139
2021	9	11	19	30.2	70	196	12	0	752.9	30
2021	9	11	20	30.2	68.9	160	17	0	749.0	0
2021	9	11	21	29.6	77.1	227	17	0	752.3	0
2021	9	11	22	29.6	74.9	208	24	0	752.3	0
2021	9	11	23	30.1	72.2	182	20	0	748.5	0
2021	9	11	24	29.6	73.7	207	28	0	752.0	0
2021	9	12	1	29.1	81.4	240	17	0.2	750.2	0
2021	9	12	2	28.8	77	242	17	0	752.1	0
2021	9	12	3	28.1	85.6	214	37	2.5	752.6	0
2021	9	12	4	27.3	89.2	224	28	10.4	752.9	0
2021	9	12	5	27.8	87.4	268	33	2.7	753.2	0
2021	9	12	6	28.2	80.1	273	45	0	753.2	0
2021	9	12	7	28.1	83.3	264	37	0.5	753.1	0
2021	9	12	8	28.1	81.4	264	37	0.2	752.5	26
2021	9	12	9	28	88.1	259	37	2	751.4	34
2021	9	12	10	28.3	81.6	276	38	0.7	750.5	102
2021	9	12	11	28.3	78.7	290	41	0.7	749.6	257
2021	9	12	12	28.6	87.5	278	40	1.5	749.3	178
2021	9	12	13	28.6	86.1	265	37	0.7	750.0	330
2021	9	12	14	27.9	89.8	251	35	3.5	749.0	208
2021	9	12	15	28.8	80.8	252	41	0	748.0	379
2021	9	12	16	29.6	77.3	227	35	0	749.6	240
2021	9	12	17	29.4	76.9	217	33	0	750.3	183
2021	9	12	18	29.1	81.5	254	35	0.2	752.0	66
2021	9	12	19	28.8	80.7	271	32	0	753.0	10
2021	9	12	20	29.2	77.3	278	28	0	750.2	0
2021	9	12	21	28.9	82.6	268	37	0.5	749.9	0
2021	9	12	22	28.7	82.1	237	33	0.5	749.7	0
2021	9	12	23	28.7	81.2	189	22	0.2	749.5	0
2021	9	12	24	28.7	84	221	30	0	749.1	0
2021	9	13	1	28.6	83.5	162	35	0	749.1	0
2021	9	13	2	28.7	82	165	27	0	749.3	0
2021	9	13	3	28.4	85.7	131	27	0.7	749.6	0
2021	9	13	4	27.9	83.9	127	19	0	750.2	0
2021	9	13	5	27.8	86.7	282	22	3.5	750.8	0

2021	9	13	6	27.7	87	234	8	1	751.4	0
2021	9	13	7	27.7	86.7	142	19	0	751.3	5
2021	9	13	8	26.8	87.8	184	19	0.5	750.9	61
2021	9	13	9	26.3	87.6	197	24	0	750.6	76
2021	9	13	10	27.1	78.2	204	27	0	749.5	331
2021	9	13	11	28.2	76.4	199	25	0	750.7	456
2021	9	13	12	28.8	70.6	200	28	0	748.4	499
2021	9	13	13	28.9	72.1	192	24	0	748.5	337
2021	9	13	14	28.6	69.3	221	22	0	748.6	168
2021	9	13	15	28.7	68.9	200	22	0	752.1	209
2021	9	13	16	29.2	73.1	187	17	0	749.2	260
2021	9	13	17	28.6	72.5	199	20	0	749.5	169
2021	9	13	18	27.9	75.7	196	14	0	749.6	43
2021	9	13	19	28.1	73.2	231	8	0	750.2	9
2021	9	13	20	28.6	74.9	189	16	0.2	750.4	0
2021	9	13	21	26.7	83	91	46	7.6	749.8	0
2021	9	13	22	28.4	79.4	111	35	0	749.7	0
2021	9	13	23	29.6	76.9	196	45	0	749.6	0
2021	9	13	24	29.7	75.5	230	17	0	749.6	0
2021	9	14	1	29.3	81.8	235	20	0.2	749.3	0
2021	9	14	2	26.9	90.6	217	22	8.1	749.6	0
2021	9	14	3	26.8	87.6	213	19	2.7	749.9	0
2021	9	14	4	27.4	82.4	199	20	0	750.5	0
2021	9	14	5	26.2	98.7	217	27	10.1	750.2	0
2021	9	14	6	26.9	100	210	16	1.2	750.7	0
2021	9	14	7	27	100	216	19	0.2	751.1	1
2021	9	14	8	27.1	100	196	24	3	752.6	12
2021	9	14	9	26.1	100	220	33	3.3	751.5	5
2021	9	14	10	25.9	100	196	14	1.7	751.5	5
2021	9	14	11	26.9	100	197	16	0.7	751.6	29
2021	9	14	12	27.5	100	204	16	0.2	751.1	213
2021	9	14	13	28.8	93.3	189	12	0	750.6	225
2021	9	14	14	28.1	86.1	210	14	0	750.3	152
2021	9	14	15	28.3	85.2	208	11	0	750.5	109
2021	9	14	16	28.8	84.2	224	12	0.5	750.8	97
2021	9	14	17	28.8	80.7	193	19	0	751.2	78
2021	9	14	18	26.9	91.3	189	27	4.5	751.9	8
2021	9	14	19	26.4	89.7	196	11	0.5	752.7	0
2021	9	14	20	27.1	89.3	172	6	0.2	753.2	0
2021	9	14	21	28.1	89.3	145	12	0.7	753.0	0
2021	9	14	22	28.7	84.5	224	17	0.2	752.6	0
2021	9	14	23	28.9	82	213	16	0	751.8	0
2021	9	14	24	29.1	80.9	223	20	0	751.2	0
2021	9	15	1	29.1	81.9	234	16	0	750.7	0
2021	9	15	2	28.6	85.7	217	12	0.2	750.3	0
2021	9	15	3	28.6	85.4	228	11	0	750.2	0
2021	9	15	4	28.7	82.2	223	12	0	750.4	0
2021	9	15	5	29	80.1	234	12	0	750.8	0
2021	9	15	6	29.1	79.8	230	9	0	751.0	0
2021	9	15	7	28.9	80.1	208	14	0	751.4	3
2021	9	15	8	29.1	78.4	220	16	0	751.7	63
2021	9	15	9	29.9	76.1	221	11	0.2	756.8	163
2021	9	15	10	30.7	70.8	192	12	0	751.7	314
2021	9	15	11	32.1	66.4	197	11	0	750.0	454
2021	9	15	12	31.9	68.3	252	8	0	755.3	388
2021	9	15	13	30.7	69	141	6	0	750.8	276
2021	9	15	14	31.1	66.7	200	9	0	755.0	269
2021	9	15	15	31.8	61.1	179	8	0	750.2	449
2021	9	15	16	31.5	69.4	131	12	0	750.4	226
2021	9	15	17	29.4	83.8	96	27	0	751.2	78
2021	9	15	18	28.7	85.2	62	27	1	751.8	26
2021	9	15	19	29.3	82.9	221	4	0	753.0	5
2021	9	15	20	28.3	84.2	184	14	3	752.9	0

2021	9	15	21	27.6	82.7	168	14	0.7	754.0	0
2021	9	15	22	26	86.8	256	6	0	752.3	0
2021	9	15	23	26.2	86.1	187	3	0.2	751.9	0
2021	9	15	24	26.2	82.8	182	1	0	751.2	0
2021	9	16	1	26.6	83.2	227	6	0	750.7	0
2021	9	16	2	26.8	84.9	127	6	0	758.0	0
2021	9	16	3	27.1	81.4	312	4	0	750.0	0
2021	9	16	4	27.3	83.3	276	3	0	751.0	0
2021	9	16	5	27.6	84.8	310	6	0	750.3	0
2021	9	16	6	27.9	85.7	337	6	0	754.0	0
2021	9	16	7	28	85.7	327	6	0	749.8	5
2021	9	16	8	28.3	84.3	327	4	0	754.6	57
2021	9	16	9	29	81.7	240	4	0	751.4	134
2021	9	16	10	29.9	72.6	69	6	0	751.1	276
2021	9	16	11	29.8	74.8	77	8	0	750.8	259
2021	9	16	12	30.1	78.7	74	24	0	750.6	464
2021	9	16	13	29.7	72.9	187	25	0	750.3	464
2021	9	16	14	29.8	70.6	230	6	0	750.0	444
2021	9	16	15	32.3	63.8	201	22	0	755.2	753
2021	9	16	16	32.9	60.5	208	9	0	750.1	667
2021	9	16	17	32.8	66.2	159	11	0	750.3	328
2021	9	16	18	31.2	71	155	9	0	751.1	155
2021	9	16	19	29.8	78.7	210	8	0	752.0	21
2021	9	16	20	29.1	81.1	152	3	0	752.9	0
2021	9	16	21	28.6	81.9	122	6	0	752.9	0
2021	9	16	22	28.4	82.5	74	4	0	752.1	0
2021	9	16	23	28.3	84	103	4	0	751.6	0
2021	9	16	24	28	86.2	115	4	0	750.7	0
2021	9	17	1	27.9	87.7	120	3	0	750.3	0
2021	9	17	2	27.9	88.5	110	3	0	749.9	0
2021	9	17	3	27.9	89.2	100	3	0	749.8	0
2021	9	17	4	27.8	90.5	134	3	0	750.1	0
2021	9	17	5	27.7	91.6	115	1	0	750.4	0
2021	9	17	6	27.6	92.4	148	1	0	750.6	0
2021	9	17	7	27.6	93	232	3	0	750.0	8
2021	9	17	8	28.1	89.8	235	1	0	751.3	86
2021	9	17	9	29.4	80.4	108	6	0	751.3	267
2021	9	17	10	30.2	72.3	86	8	0	751.4	387
2021	9	17	11	31.3	69.1	70	8	0	751.1	464
2021	9	17	12	33.2	59.5	73	6	0	751.1	578
2021	9	17	13	33.5	61.6	90	8	0	750.9	594
2021	9	17	14	33.2	59.9	39	8	0	750.8	524
2021	9	17	15	32.2	71	57	19	0	750.7	406
2021	9	17	16	31.8	60.7	94	24	0	751.1	573
2021	9	17	17	32.2	64.2	84	17	0	751.9	328
2021	9	17	18	32.1	68.1	197	16	0	752.6	149
2021	9	17	19	30.9	68.3	227	9	0	753.7	18
2021	9	17	20	28.9	70.2	252	6	0	754.1	0
2021	9	17	21	28.7	72.6	258	4	0	753.9	0
2021	9	17	22	28.8	74.3	268	3	0	753.7	0
2021	9	17	23	28.9	75.7	297	3	0	752.9	0
2021	9	17	24	28.7	76.2	336	1	0	752.2	0
2021	9	18	1	28.7	77.3	203	0	0	751.7	0
2021	9	18	2	28.6	79	120	1	0	751.3	0
2021	9	18	3	28.4	81.3	175	1	0	751.5	0
2021	9	18	4	28.3	82.8	218	3	0	751.5	0
2021	9	18	5	28.3	84.4	230	3	0	751.8	0
2021	9	18	6	28.3	85.4	135	1	0	752.2	0
2021	9	18	7	28.2	87	289	3	0	753.0	3
2021	9	18	8	28.3	85.3	269	3	0	753.2	39
2021	9	18	9	28.8	81.6	259	3	0	753.5	103
2021	9	18	10	29.6	76.4	254	3	0	753.2	170
2021	9	18	11	30.8	67.9	240	4	0	753.1	317

2021	9	18	12	32.4	61.3	168	4	0	753.0	416
2021	9	18	13	33.7	60	110	12	0	752.9	472
2021	9	18	14	31.7	61.2	74	20	0	752.2	583
2021	9	18	15	34.7	54.1	232	6	0	752.2	642
2021	9	18	16	34.6	59.1	231	9	0	752.6	437
2021	9	18	17	32.3	63.9	248	6	0	753.1	130
2021	9	18	18	31.6	68.6	245	6	0	753.9	64
2021	9	18	19	30.9	71.3	214	4	0	754.7	10
2021	9	18	20	28.8	62.8	261	16	0	755.7	0
2021	9	18	21	28.3	64.8	240	6	0	755.9	0
2021	9	18	22	28.4	70.6	210	6	0	755.3	0
2021	9	18	23	28.3	69	129	14	0	754.7	0
2021	9	18	24	28.4	75.8	93	4	0	753.8	0
2021	9	19	1	28.3	78.2	103	3	0	753.0	0
2021	9	19	2	28.1	81.9	155	1	0	752.5	0
2021	9	19	3	28.2	81.8	135	1	0	747.8	0
2021	9	19	4	28.2	84.5	162	3	0	752.7	0
2021	9	19	5	28.2	85.5	234	4	0	753.1	0
2021	9	19	6	28.1	85.7	235	3	0	748.8	0
2021	9	19	7	28.1	86.8	238	0	0	757.3	1
2021	9	19	8	28.8	80.3	187	3	0	754.4	52
2021	9	19	9	29.3	76.4	80	4	0	754.4	88
2021	9	19	10	29.8	73.1	101	4	0	754.2	183
2021	9	19	11	31	69	136	3	0	753.8	221
2021	9	19	12	31	64.7	173	4	0	749.8	259
2021	9	19	13	32.7	58.1	166	4	0	754.0	411
2021	9	19	14	33.2	61.2	134	9	0	748.0	318
2021	9	19	15	31	82.5	244	22	8.8	750.2	111
2021	9	19	16	26.2	92.2	248	16	0	753.5	36
2021	9	19	17	26.6	88.4	234	4	0	754.0	57
2021	9	19	18	27.2	83.3	238	4	0	754.7	69
2021	9	19	19	27.5	81.6	223	4	0	755.3	17
2021	9	19	20	27.2	84.9	83	3	0	755.6	0
2021	9	19	21	27.3	83.4	201	4	0	755.7	0
2021	9	19	22	27.4	82.5	225	3	0	754.9	0
2021	9	19	23	27.4	84	252	3	0	753.9	0
2021	9	19	24	27.1	86.5	74	1	0	752.9	0
2021	9	20	1	27.1	86.9	79	0	0	752.3	0
2021	9	20	2	27.1	87.4	184	1	0	751.9	0
2021	9	20	3	27.1	87.9	206	3	0	751.5	0
2021	9	20	4	27.1	88.9	248	1	0	751.5	0
2021	9	20	5	27.1	88.6	225	4	0	751.9	0
2021	9	20	6	27.1	88.4	218	3	0	752.1	0
2021	9	20	7	27.1	89.3	187	0	0	752.6	3
2021	9	20	8	27.3	89.9	134	1	0	752.9	39
2021	9	20	9	27.9	86	179	1	0	752.8	115
2021	9	20	10	28.9	77.3	259	4	0	752.6	204
2021	9	20	11	29.7	71.1	256	6	0	752.4	342
2021	9	20	12	30.9	67.6	249	6	0	752.3	451
2021	9	20	13	31.9	64	256	4	0	751.5	505
2021	9	20	14	32.6	59.1	252	8	0	748.5	522
2021	9	20	15	33.1	58.4	238	6	0	749.5	476
2021	9	20	16	33.2	57	225	3	0	756.7	346
2021	9	20	17	32.5	58.3	145	1	0	751.4	182
2021	9	20	18	31.7	68	177	14	0	752.3	89
2021	9	20	19	29.9	71.9	197	12	0	752.9	7
2021	9	20	20	28.2	79.5	129	6	2.5	753.2	0
2021	9	20	21	28.2	78.4	211	6	0	753.2	0
2021	9	20	22	28.3	81.8	217	6	0	752.8	0
2021	9	20	23	28.3	83.5	111	4	0	752.2	0
2021	9	20	24	28.5	81.4	261	6	0	754.1	0
2021	9	21	1	28.6	82	269	8	0	750.8	0
2021	9	21	2	28.5	83.5	254	3	0	749.0	0

2021	9	21	3	28.2	85.3	213	8	4.5	750.2	0
2021	9	21	4	27.4	89.1	151	19	4	749.2	0
2021	9	21	5	27.7	88.2	240	9	0.5	750.5	0
2021	9	21	6	27.7	83.7	230	6	0	751.0	0
2021	9	21	7	27.3	85.6	227	4	0	750.9	0
2021	9	21	8	27.2	84	237	4	0	754.5	21
2021	9	21	9	27.6	80.7	264	6	0	749.6	65
2021	9	21	10	27.6	82.8	254	8	0	751.7	78
2021	9	21	11	27.6	83.4	228	6	0	750.0	94
2021	9	21	12	27.9	81.5	175	8	0	751.1	132
2021	9	21	13	28.4	77	162	4	0	751.0	173
2021	9	21	14	29.3	73.1	247	6	0	750.6	242
2021	9	21	15	29.7	69.3	217	9	0	750.6	330
2021	9	21	16	29.9	72.1	169	12	0	750.8	242
2021	9	21	17	29.3	72.4	177	9	0	751.4	131
2021	9	21	18	29.2	76.5	204	8	0	752.3	53
2021	9	21	19	28.7	78.6	183	8	0	752.9	4
2021	9	21	20	28.5	78.2	141	11	0	753.5	0
2021	9	21	21	28.4	80.1	91	8	0	753.4	0
2021	9	21	22	28.2	82.5	122	4	1	752.9	0
2021	9	21	23	28.3	80	156	4	0	752.2	0
2021	9	21	24	28	83.5	138	8	0	751.4	0
2021	9	22	1	28	83.2	234	6	0	750.8	0
2021	9	22	2	27.2	84.5	196	4	0	750.4	0
2021	9	22	3	26.9	84.2	90	4	0	750.2	0
2021	9	22	4	27.2	82.2	100	3	0	750.4	0
2021	9	22	5	27.3	84.7	105	4	0	750.5	0
2021	9	22	6	27.5	86.1	103	6	0	751.0	0
2021	9	22	7	27.8	85.7	79	9	0	751.7	2
2021	9	22	8	28.2	83.5	86	6	0	752.1	60
2021	9	22	9	29.5	76.1	182	4	0	752.3	170
2021	9	22	10	29.5	70	128	16	0	752.3	198
2021	9	22	11	31.6	61.6	206	6	0	752.0	449
2021	9	22	12	33.6	61.6	176	8	0	752.0	483
2021	9	22	13	28.6	80.5	240	16	2.2	756.8	126
2021	9	22	14	27.9	77	135	4	0	751.1	128
2021	9	22	15	29.7	71.1	125	9	0	750.8	256
2021	9	22	16	31.2	69.9	249	8	0	751.1	342
2021	9	22	17	30.9	71.5	251	9	0	751.6	208
2021	9	22	18	30.2	75.9	231	12	0	752.3	57
2021	9	22	19	29.7	76.8	207	16	0	755.2	8
2021	9	22	20	29.6	77.1	228	3	0	753.2	0
2021	9	22	21	29.3	79.1	153	3	0	753.2	0
2021	9	22	22	29.3	77.9	248	4	0	752.9	0
2021	9	22	23	29.3	79.6	240	9	0	751.9	0
2021	9	22	24	29.1	82	141	16	0	750.8	0
2021	9	23	1	29.1	79.2	225	6	0	750.0	0
2021	9	23	2	28.6	83.8	159	4	0	749.6	0
2021	9	23	3	28.3	84.8	96	11	0	755.0	0
2021	9	23	4	28.3	84.7	104	19	0	749.9	0
2021	9	23	5	28.3	84.4	97	20	0	751.2	0
2021	9	23	6	28.2	83.7	125	19	0	750.2	0
2021	9	23	7	28.1	84.2	100	14	0	750.9	6
2021	9	23	8	28.4	78.3	122	20	0	751.1	71
2021	9	23	9	29.9	74.4	197	4	0	751.4	176
2021	9	23	10	31.3	66.1	242	16	0	751.0	336
2021	9	23	11	31.7	72.2	158	28	0	750.6	560
2021	9	23	12	31.4	59	166	30	0	749.8	741
2021	9	23	13	32.6	60.6	131	24	0	749.6	798
2021	9	23	14	32.1	71.7	128	32	0	750.5	773
2021	9	23	15	32.6	58.4	149	33	0	750.2	788
2021	9	23	16	30.7	64	98	38	0	749.9	590
2021	9	23	17	31.4	62.5	124	32	0	750.0	384

2021	9	23	18	30.9	68.3	169	32	0	757.0	129
2021	9	23	19	29.8	74.5	131	19	0	750.5	4
2021	9	23	20	29.3	75.3	94	17	0	750.9	0
2021	9	23	21	29.6	75.3	221	3	0	751.6	0
2021	9	23	22	29.4	77.6	153	6	0	752.3	0
2021	9	23	23	29	78.8	94	6	0	752.8	0
2021	9	23	24	28.9	80	101	4	0	752.6	0
2021	9	24	1	28.7	80.8	129	4	0	752.1	0
2021	9	24	2	28.4	83.1	88	3	0	751.4	0
2021	9	24	3	28.2	83.2	90	0	0	750.7	0
2021	9	24	4	28.1	84.3	122	3	0	750.2	0
2021	9	24	5	28.2	83.7	63	4	0	758.1	0
2021	9	24	6	28.3	83.2	18	3	0	749.9	0
2021	9	24	7	28.1	83.6	18	0	0	750.1	4
2021	9	24	8	28.9	76.9	18	1	0	750.2	87
2021	9	24	9	30.5	73.6	56	4	0	750.2	178
2021	9	24	10	30.4	67.1	83	9	0	752.8	286
2021	9	24	11	31.6	62.6	67	11	0	749.9	496
2021	9	24	12	31.8	68.2	46	20	0	749.9	745
2021	9	24	13	31.5	60	53	19	0	750.4	596
2021	9	24	14	31.3	63.7	59	17	0	750.6	824
2021	9	24	15	31.4	62.9	67	12	0	751.3	652
2021	9	24	16	32.9	60.3	86	11	0	751.4	626
2021	9	24	17	31.3	63.3	50	17	0	751.4	336
2021	9	24	18	30.5	67	43	17	0	751.1	145
2021	9	24	19	29.7	69.5	70	17	0	751.1	10
2021	9	24	20	29.6	71	96	12	0	750.8	0
2021	9	24	21	29.4	73.4	94	11	0	750.7	0
2021	9	24	22	29.4	71.5	96	14	0	750.3	0
2021	9	24	23	29.6	69.7	162	9	0	750.7	0
2021	9	24	24	29.2	76.1	128	1	0	750.8	0
2021	9	25	1	28.6	79.5	204	4	0	751.7	0
2021	9	25	2	28.5	81.6	227	4	0	752.2	0
2021	9	25	3	28.4	82.5	228	3	0	752.9	0
2021	9	25	4	28.2	84	228	3	0	753.2	0
2021	9	25	5	27.8	85.9	237	4	0	755.4	0
2021	9	25	6	27.6	86.9	230	3	0	752.8	0
2021	9	25	7	27.6	86.8	242	4	0	752.5	8
2021	9	25	8	28.2	80.2	242	6	0	751.3	101
2021	9	25	9	30.1	66.8	247	8	0	751.3	253
2021	9	25	10	31.1	59.9	264	9	0	757.2	289
2021	9	25	11	31.1	65.7	302	14	0	753.1	422
2021	9	25	12	31	65.2	290	14	0	753.0	409
2021	9	25	13	31.4	60.4	297	9	0	752.9	262
2021	9	25	14	30.9	71.1	166	20	0	750.5	227
2021	9	25	15	29.1	76.2	43	8	0	750.3	144
2021	9	25	16	29.8	75	74	12	0	750.2	187
2021	9	25	17	30.9	67.5	94	8	0	750.2	255
2021	9	25	18	30.8	69.7	204	11	0	750.3	135
2021	9	25	19	29.9	68.1	213	11	0	750.6	8
2021	9	25	20	29.8	67.8	231	11	0	751.1	0
2021	9	25	21	29.7	71	256	12	0	751.7	0
2021	9	25	22	29.6	70.1	269	14	0	752.3	0
2021	9	25	23	29.6	70.5	275	17	0	752.7	0
2021	9	25	24	29.6	71.2	254	19	0	752.7	0
2021	9	26	1	29.4	73.6	272	28	0	752.3	0
2021	9	26	2	29.4	70.5	261	25	0	751.4	0
2021	9	26	3	29.3	72.3	268	24	0	752.7	0
2021	9	26	4	29.1	74.3	285	24	0	752.1	0
2021	9	26	5	28.2	80.5	264	20	0.2	751.6	0
2021	9	26	6	27.3	82.9	278	25	0.7	750.9	0
2021	9	26	7	27.6	85.7	279	24	3.5	751.1	5
2021	9	26	8	28.4	74.6	217	27	0.7	751.4	167

2021	9	26	9	29.3	69.5	241	32	0	758.7	279
2021	9	26	10	30.7	64.7	207	30	0	752.9	406
2021	9	26	11	30.8	69.1	190	38	0.2	753.4	404
2021	9	26	12	27.6	88.1	103	43	1.7	753.7	190
2021	9	26	13	28.1	72.9	127	33	0.2	753.8	332
2021	9	26	14	29.2	79.7	77	46	0	755.1	237
2021	9	26	15	27.9	76.3	124	54	0	749.3	196
2021	9	26	16	29.7	68.2	98	28	0	749.6	542
2021	9	26	17	29.4	75	88	25	0	749.9	204
2021	9	26	18	29.2	74.2	87	25	0	750.2	148
2021	9	26	19	28.7	75.1	53	30	0	752.8	10
2021	9	26	20	28.8	73.4	55	22	0	749.9	0
2021	9	26	21	28.7	75.5	53	17	0	749.9	0
2021	9	26	22	28.8	75.9	79	22	0	750.4	0
2021	9	26	23	28.9	74.5	66	25	0	750.6	0
2021	9	26	24	28.7	74.6	87	19	0	751.3	0
2021	9	27	1	28.7	74.7	90	17	0	751.4	0
2021	9	27	2	28.6	74.3	74	17	0	751.4	0
2021	9	27	3	28.6	75.7	77	16	0	751.1	0
2021	9	27	4	28.6	77.5	90	19	0	751.1	0
2021	9	27	5	28.3	78.1	72	28	0	750.8	0
2021	9	27	6	27.9	76.2	63	41	0	750.7	0
2021	9	27	7	28.1	77.5	63	16	0	750.3	6
2021	9	27	8	28.7	76.3	74	16	0	750.7	74
2021	9	27	9	29.6	69.6	98	22	0	750.8	276
2021	9	27	10	30.2	68.4	86	27	0	751.7	367
2021	9	27	11	29.8	73.2	66	30	0	752.2	383
2021	9	27	12	28.8	78.1	73	38	2.2	752.9	373
2021	9	27	13	27.9	72.7	179	14	0.2	753.2	527
2021	9	27	14	27.5	76	57	43	0.5	755.4	312
2021	9	27	15	29.1	75.2	76	22	0.7	752.8	436
2021	9	27	16	28	78.7	115	20	0	752.5	279
2021	9	27	17	28.8	71.9	76	14	0	751.3	293
2021	9	27	18	29	74.8	66	14	0	751.3	113
2021	9	27	19	28.2	75.6	59	16	0	757.2	10
2021	9	27	20	27.9	75.6	49	11	0	753.0	0
2021	9	27	21	28.1	76.2	63	9	0	753.8	0
2021	9	27	22	28.2	77.7	70	9	0	758.2	0
2021	9	27	23	28.1	79.7	43	11	0	754.0	0
2021	9	27	24	28	79.3	49	11	0	754.5	0
2021	9	28	1	27.9	80.2	38	12	0	754.4	0
2021	9	28	2	28.2	80.1	64	11	0	754.2	0
2021	9	28	3	28.1	80.3	48	9	0	751.6	0
2021	9	28	4	28	78.6	32	9	0	753.0	0
2021	9	28	5	28.1	78.6	193	6	0	752.6	0
2021	9	28	6	27.9	79.8	355	1	0	748.0	2
2021	9	28	7	27.7	80.2	348	1	0	752.4	35
2021	9	28	8	27.8	81.4	245	12	4.3	752.9	131
2021	9	28	9	27.2	83.6	282	19	0.2	754.5	164
2021	9	28	10	27.3	79.4	286	17	0	752.3	242
2021	9	28	11	27.9	76.4	261	12	0	751.4	368
2021	9	28	12	29.3	71.5	256	12	0	752.7	279
2021	9	28	13	29.4	73.4	254	14	0	752.1	273
2021	9	28	14	29.6	71	251	17	0	751.6	303
2021	9	28	15	30.4	66	252	9	0	750.2	219
2021	9	28	16	30.3	65.7	252	9	0	752.8	179
2021	9	28	17	30.7	69.4	255	4	0	749.9	64
2021	9	28	18	29.7	73.4	211	4	0	749.9	1
2021	9	28	19	28.4	82.1	155	8	0.5	750.4	0
2021	9	28	20	27.4	85.4	245	4	1.5	750.6	0
2021	9	28	21	27.1	86.5	244	3	1.7	751.3	0
2021	9	28	22	26.9	87.3	245	6	1	751.4	0
2021	9	28	23	26.4	89.6	249	8	2.2	751.4	0

2021	9	28	24	26	90.8	240	4	0.5	751.4	0
2021	9	29	1	26.1	91.4	217	1	0	751.1	0
2021	9	29	2	26.3	92	218	1	0.2	751.1	0
2021	9	29	3	26.6	92.5	127	4	0	750.8	0
2021	9	29	4	26.7	92.8	112	3	0	750.7	0
2021	9	29	5	26.8	93.4	96	3	0.2	750.3	0
2021	9	29	6	26.9	93.6	138	8	0	750.7	0
2021	9	29	7	26.9	92.8	206	6	0	750.8	2
2021	9	29	8	27.2	91.8	108	4	0	751.7	42
2021	9	29	9	27.7	88.2	112	6	0	752.2	112
2021	9	29	10	28.7	78.9	223	6	0	752.9	245
2021	9	29	11	30	74.7	155	6	0	753.2	302
2021	9	29	12	29	75.2	190	16	0	755.4	165
2021	9	29	13	29	73.3	149	9	0	752.8	212
2021	9	29	14	29.5	71.7	179	6	0	752.5	229
2021	9	29	15	29.8	71.5	197	8	0	751.3	237
2021	9	29	16	28.7	72.6	190	8	0	751.3	184
2021	9	29	17	28.3	74.6	172	12	0	757.2	152
2021	9	29	18	27.8	79.1	180	11	0.2	751.0	44
2021	9	29	19	27.5	80.4	128	6	0	751.2	4
2021	9	29	20	27.4	81.6	138	1	0	751.1	0
2021	9	29	21	27.3	82.6	128	4	0	750.8	0
2021	9	29	22	28.1	80.2	199	32	0	750.6	0
2021	9	29	23	28.7	78.8	242	4	0	750.0	0
2021	9	29	24	28.6	82.5	206	3	0	749.8	0
2021	9	30	1	28.4	80.7	238	4	0	754.1	0
2021	9	30	2	28.4	81.2	249	4	0	755.7	0
2021	9	30	3	28.3	82.4	213	4	0	753.3	0
2021	9	30	4	27.9	82.2	117	8	0	753.0	0
2021	9	30	5	27.8	82.5	97	6	0	752.9	0
2021	9	30	6	27.8	84.7	112	6	0	753.0	0
2021	9	30	7	27.5	84	110	6	0	753.8	12
2021	9	30	8	29.6	71.8	169	6	0	758.2	176
2021	9	30	9	30.6	66.9	216	9	0	754.0	202
2021	9	30	10	32.1	59.3	237	8	0	754.5	353
2021	9	30	11	33.4	55.4	235	8	0	754.4	702
2021	9	30	12	34.2	51.1	241	9	0	754.4	794
2021	9	30	13	34.6	51.9	244	8	0	754.2	856
2021	9	30	14	34.3	55.3	230	12	0	751.6	819
2021	9	30	15	33.8	55.1	220	27	0	753.0	749
2021	9	30	16	33.5	55.1	214	19	0	752.6	615
2021	9	30	17	32.9	60.4	228	14	0	748.0	393
2021	9	30	18	31.4	62.9	240	11	0	753.0	99
2021	9	30	19	30.3	69.4	230	6	0	753.8	4
2021	9	30	20	29.9	71.6	232	3	0	758.2	0
2021	9	30	21	29.6	73.6	252	3	0	754.0	0
2021	9	30	22	29.4	74.3	235	3	0	754.5	0
2021	9	30	23	29.4	75.3	232	3	0	754.4	0
2021	9	30	24	29.1	76.9	129	3	0	751.6	0

Prepared By :-



For Mitra S.K Private Limited

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