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PCB ID: 17738

Date: 11.09.2023

### Ref No. APSEZL/EnvCell/2023-24/046

To Member Secretary Gujarat Pollution Control Board Paryavaran Bhavan, Sector-10-A, Gandhinagar – 382010

Dear Sir,

Sub: Environmental Statement for the financial year ending 31st March, 2023 for M/s Adani Ports and Special Economic Zone Limited (Shantivan (Residential) Colony)

Ref: 1. Consent Order No. AWH-113213, date of issue 10.06.2021 Valid up to: 31.10.2021

2. Consent Amendment Order No. AWH-113213, date of issue 31.01.2022 Valid up to: 31.10.2025

With reference to the above-mentioned subject and reference, please find enclosed Environmental Statement in Form V prescribed under Rule 14 of the Environment (Protection) Rules 1986, for M/s Adani Ports and Special Economic Zone Limited (Shantivan (Residential) Colony), Village: Nana Kapaya, Taluka: Mundra, District: Kutch - 370421 for the financial year ending 31st March 2023.

Thank you,

Yours faithfully,

For Adani Ports and Special Economic Zone Limited (Shantivan (Residential) Colony)

Authorized Signatory

Encl: As above.

Copy to: The Regional Officer, Gujarat Pollution Control Board (East-Kutch), Gandhidham.

Adani Ports and Special Economic Zone Ltd Adani House, PO Box No. 1 Mundra, Kutch 370 421 Guiarat, India

CIN: L63090GJ1998PLC034182

Tel +91 2838 25 5000 Fax +91 2838 25 51110 info@adani.com www.adani.com Gujarat Poliution Control Board Head Office Sector No.-10-A, Gandhinagar-382010

### FORM V

(See Rule 14)

### Environmental Statement for the Financial Year ending 31st March 2023

#### PART - A

(i) Name and address of the Owner/ Occupier of the Industry Operation or Process : Mr. Sujalkumar Shah CEO – Mundra & Tuna Port Adani Ports and SEZ Limited

4<sup>th</sup> Floor, Adani House, Mundra, Kutch – 370421. Ph No. (02838) 255000

(ii) Industry Category
Primary (STC Code)
Secondary (STC Code)

: Red-Small

NA NA

(iii) Production Capacity

: Sewage Treatment Plants: 350 + 250 KLD

RO Plants: 4.0 + 2.0 KLPH

(iv) Year of Establishment

: 2004

(v) Date of last Environment Statement submitted

: 31/08/2022

(PCB ID: 17738)

#### <u>PART – B</u>

#### Water and Raw Material Consumption

### (i) Water Consumption

Water Consumption Cu. Mtr./Day	Average
Process	Nil
Cooling	Nil
Domestic (Gardening / Horticulture)	570.38 m³/day

Details of Water Consumption for the year 2022-23 are enclosed as **Annexure – 1**.

Name of Products	Process Water Cons	• •
	During the current financial year (2021-22)	During the current financial year (2022-23)
Treated sewage from STPs* (KL)	145737	154465
RO treated water* (KL)	121	1221

Unit does not go under any manufacturing process. The unit involves two nos. of Sewage Treatment Plants having capacity 350 KLD & 250 KLD for treatment of sewage generated from APSEZ residential colony, OCCL residential colony and Nana kapaya village. Unit has also install two nos. of RO plant having capacity 10.0 KLPH for drinking purpose within school. Treated water from STPs is being utilized in gardening/ horticulture activity within residential colony premises.

Details of Sewage water for the year 2022-23 are enclosed as **Annexure – 1**.

### (ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Ur output	
		During the current financial year (2021-22)	During the current financial year (2022-23)
NIL**	Not Applicable	Nil	Nil

<sup>\*\*</sup> Unit does not go under any manufacturing process. Hence there is no any raw material consumption.

Village: Nana Kapaya, Tal. Mundra, Dist. Kutch – 370421.

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PART - C

# Pollutants discharged to Environment/Unit of Output (Parameters as specified in consent issued)

	Pollutants Quantity of pollutants discharged (Mass/day)			Concentrations of po	Percentage of variation from prescribed standards with reasons	
		Parameters	Avg. Mass Kg/Day	Parameters	Avg.	
		рН		рН	7.34	There is no variation from prescribed standards in terms of
(a)	Waste Water	Total Suspended Solids	10.67	Total Suspended Solids (mg/l)	25.21	quality of wastewater discharge.  1. The SVC STP 154465 KL  wastewater has treated during
	(domestic sewage)	BOD (5 Days @ 20 °C)	7.41	BOD (5 Days @ 20 °C) (mg/l)	17.52	April 2022 – March 2023.  2. Analysis reports of treated
		Residual Chlorine	0.32	Residual Chlorine (mg/l)	0.75	water are enclosed as Annexure – 2.
		Fecal Coliform		Fecal Coliform (MPN/100ml)	61.17	
		Parameters	Avg. Mass Kg/Day	Parameters	Avg.	There is no variation from prescribed standards in terms of quality of wastewater discharge.
	(b) Air (DG Stack 750 and 250 KVA)	Particulate Matter (PM)	0.019	Particulate Matter (mg/Nm3)	18.36	Two DG sets having capacities  750 KVA & 250 is provided as a standby power source and used during power failure. Analysis
(b)		Sulphur Dioxide (SO2)	0.027	Sulphur Dioxide (PPM)	8.34	reports of stack monitoring are enclosed as <b>Annexure – 2.</b> 2. The ambient air quality monitoring is being done regularly (twice a week) through NABL and MoEF&CC
		Nitrogen Oxide (NOx)	0.042	Nitrogen Oxide (NOx) (PPM)	22.28	recognized laboratory namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. 3. Analysis reports of ambient air quality monitoring are enclosed as Annexure – 2

Unit does not go under any manufacturing process. The unit involves two nos. of Sewage Treatment Plants having capacity 350 KLD & 250 KLD for treatment of sewage generated from residential colony. Unit has also install two nos. of RO plant having capacity 10.0 KLPH for drinking purpose in school premises.

Treated water from STPs is utilized in gardening / horticulture activity within residential colony premises. There was an average 423.19 KL/Day treated water discharge from STPs during the year 2022-23.

PART - D

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#### Hazardous Wastes

### (As specified under Hazardous Wastes Management and Handling Rules 2016)

Hazardous Wastes	Total Quantity (Kg)				
	During the current financial year (2021-22)	During the current financial year (2022-23)			
(a) From Process	Nil	Nil			
(b)From Pollution Control facilities	Nil	Nil			

Note: Please refer **Annexure - 3** -waste generated / disposed from entire Adani Ports & SEZ

### PART - E

#### Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)			
	During the current financial year (2021-22)	During the current financial year (2022-23)		
a) From Process (Ash)	Nil	Nil		
b) From Pollution Control facilities	-	-		
(C-1)Quantity recycled or reutilized within the unit				
(C-2) Sold	Details is Attached as <b>Refer</b> Annexure – 3	Details is Attached as  Refer Annexure – 3		
(C-3) Disposed				

Note: Above Quantity shown is waste generated / disposed from entire Adani Ports & SEZ Limited.

#### PART - F

Please specify the characterization (in terms of Composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

- Sewage Treatment Plants receives sewage from the Shantivan Residential colony & nana kapaya village & OCCL Township. The solid waste (Sludge) generated in form of manure from the STPs is utilized by Horticulture Department for the gardening / plantation purpose at colony and other landscaping areas of APSEZ.
- Zero Waste" initiative No waste is being sent to landfill or incineration facility @ Adani Ports & SEZ (also as a 100% subsidiary company of APSEZ, SVC also intended to contribute the same), all waste are being managed through 5 R principal of waste Management. APSEZ has eminent material recovery facility (MRF), having appropriate facility to proper segregate & recover the materials as per set process. Mixed Waste is being segregated via specialized mix waste segregation machine in two forms –Bio and Non bio without manual segregation, where risk to

Village: Nana Kapaya, Tal. Mundra, Dist. Kutch – 370421.

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health hazards is minimized. Further waste is segregated in to 16 streams at MRF, which is sent to different end users following 5 R principal. To manage all operation of MRF, APSEZ developed local vendor though his past learnings and employed local women staff mainly to segregate waste.

- Wet Waste being managed through Organic Waste Composting Facility and Biogas generation.
- Dry waste and e-waste collection drive is being organized every month within townships to collect municipal solid waste as well as e-waste from households.
- Plastic free APSEZ Drive:
  - APSEZ pasted stickers spreading awareness among their zone as plastic are prohibited now.
  - Awareness sessions organized among department and contract workers.
  - Made shop keepers and canteen owners to stop providing plastic carry bags to carry the material.
  - Confirms to stop usage of plastic cups to serve tea and water pouches within the premises of APSEZ.
  - Regular supervision by Team Members at Port Canteens and Shops townships for verification of prohibition of plastic.
  - Defined 3 Levels to achieve plastic free APSEZ.
- APSEZ has awarded with Zero Waste to Landfill Management System (ZWTL MS 2020) from TÜV Rheinland India Pvt. Ltd (attached as Annexure – 4).
- Sludge generated from STP is being utilized as manure for horticulture purpose.

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#### PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

There are two sewage treatment plants having capacity of 350 & 250 KLD to treat and handle
the total sewage generated from APSEZ resident colony, nana kapaya village & OCCL Township.
Two RO plants having capacity of 10.0 KLPH has also been installed for treatment of water and
product water from it supplied for drinking purpose in school. The RO reject is used for utility /
sanitation purpose.

### **Energy Savings (APSEZ)**

- Installed 8.8 MW roof top solar generating plant at various locations in SEZ in Mundra which is generated nearly 9.43 million units in FY 2022-23 and utilized the renewable source of energy for captive use this reduced the emission of CO2 by nearly 7735 tCo2e.
- APSEZ has reduced total energy consumption of 129760 KWH/ Year units which reduce the emission of CO2 by nearly 103.93 tCo2e by various initiatives i.e. replacement of LED lights, high energy rating of AC, installation of new solar system etc.

#### Water Conservation:

- There are 8740 nos of water aerator have been installed in Residence Area and various offices.
- Water less urinal have been placed in various offices.
- 100% Treated Water utilization for gardening & horticulture purpose
- Installed Rainwater harvesting at Shantivan colony– 4 recharge well has been constructed through which in FY 2022-23 approx. 5.56 ML rain water has been harvested during year 2022-23.

### Following safeguard measures are taken for abatement of dust and noise emissions:

- Regular cleaning of roads
- D.G. Set having acoustic enclosures
- Adequate greenbelt and plantation area

#### PART - H

# Additional measures /investment/ proposal for environmental protection including abatement of pollution, prevention of pollution.

- 100% utilization of treated water from SVC STP for gardening and horticulture activity to conserve the fresh water consumption.
- APSEZ has formed dedicated Horticulture department & developing green belt within port premises.
- In Shantivan Colony greenbelt area is approx. 72.29 hectare and having more than 42882 saplings (tree+ palm).
- In entire APSEZ more than 457.99 ha. area is developed as greenbelt with samplings of more than 9.06Lacs.

Village: Nana Kapaya, Tal. Mundra, Dist. Kutch – 370421.

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Receiving sewage from Nana Kapaya village & OCCL Township.

#### PART - I

### Any other particulars for improving the quality of environment:

- Monitoring of environmental parameters such as Air, Noise, and wastewater quality being done regular basis through MoEF & NABL recognized laboratory (M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi).
- Awareness program and training on waste management, water conservation, energy conservation for employees & their families, contractors, local community is being conducted on regular basis.
- APSEZ has Environment Cell for environmental management and environmental monitoring.
- APSEZ Budget for environmental management measures (including horticulture) for the FY 2022-23 was to the tune of INR 1448.06 lakh out of which INR 1366.281 lakh was spent. Environment protection expenditure spent during the year 2022-23 is enclosed as Annexure 5.
- APSEZ is driving paperless office and plastic free drive to eliminate the use of papers and plastic materials to the extent possible within ports, SEZ and residential townships.

6 mig

Date: 11-09-2023 (Signature of a person carrying out an industry,

operation or process)

Designation: **Head-Environment Cell** 

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ANNEXURE - 1
Details of Water use and sewage (Apr-22 to Mar-23)

	Produ	ıction	Water Consumption			
Month	Treated Sewage, KL	RO Water, KL	Industrial, KL (Cat. I)	Domestic, KL (Included horticulture used water)	Total water consumption	
Apr-22	12957	59	0.00	18710	18710	
May-22	10745	44	0.00	17528	17528	
Jun-22	11467	125	0.00	19821	19821	
Jul-22	16473	182	0.00	12934	12934	
Aug-22	11779	128	0.00	15526	15526	
Sep-22	11150	160	0.00	15772	15772	
Oct-22	13222	98	0.00	17256	17256	
Nov-22	14060	105	0.00	16528	16528	
Dec-22	14999	82	0.00	17596	17596	
Jan-23	12139	75	0.00	20611	20611	
Feb-23	11872	72	0.00	18357	18357	
Mar-23	13602	91	0.00	17548	17548	
Total	154465	1221	0	208187	208187	
Per Month	12872.08	101.75	0	17348.92	17348.92	
Per Day	423.19	3.35	0.00	570.38	570.38	

Village: Nana Kapaya, Tal. Mundra, Dist. Kutch – 370421.

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### ANNEXURE - 3

### Waste Disposal Details APSEZ Mundra

Sr. No.	Waste Description	Disposal Method	Unit	Quantity 2021-22	Quantity 2022-23
Non-Ha	zardous:				
1.	Dry Waste (Recyclable waste- Metal, Wood, paper, plastic etc.)	Recycle (send to reg. recycler)/ Reuse (Used by Org.)	MT	3458.243	3779.70
2.	RDF (Non- Recyclable)	Co-processing at cement plant	MT	376.01	544.17
3.	STP Sludge	Reprocess (Manure)	MT	17	11.8
4.	Organic Waste (included food waste)	Reprocess & Recovery Manure/biogas	MT	851.51	897.82
5.	E-Waste	Recycle (send to reg. recycler)	MT	50	89.86
Hazard	ous				
1.	Used Oil	Recycle (send to reg. recycler)	MT	370.58	131.99

Village: Nana Kapaya, Tal. Mundra, Dist. Kutch – 370421.

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### **ANNEXURE - 4**



### Certificate

Standard: Zero Waste to Landfill Management System

(ZWTL MS 2020)

Certificate Holder: Adani Ports and Special Economic Zone Limited

Mundra Port, Kutch - 370421,

Gujarat, India

Scope:

Providing Port Facilities for Import and Export of Bulk, Break Bulk, Liquid and Containerized Cargo, its Storage and RORO Operation for Export of

**Vehicles** 

Proof has been furnished by means of an audit that the Requirements of ZWTL MS 2020 are met, with the achievement of waste diversion rate of above 99%

Validity: This certificate is valid from 01-06-2021 until 31-05-2024 Subject to satisfactory annual surveillance audits.

Certificate No. TUV/ZWLMS/2021/Adani Ports/0501

New Delhi, 01-06-2021

TÜV Rheinland India Pvt. Ltd. Office 610, 6rd Floor, iThum Tower, A-40, Sector-62, Noida- 201301, India

(PCB ID: 17738)

ANNEXURE - 5

# Cost of Environmental Protection Measures of APSEZ, Mundra F.Y. 2022-23

Sr.	Activity	Cost incurred (INR in Lacs)	Budgeted Cost (INR in Lacs)
No.		2022 - 23	2022 - 23
1.	Environmental Study / Audit and Consultancy	7.32	11.05
2.	Legal & Statutory Expenses	12.32	12
3.	Environmental Monitoring Services	15.32	33
4.	Hazardous / Non-Hazardous Waste	104.035	127.72
	Management & Disposal		
5.	Environment Days Celebration and	2.53	8.00
	Advertisement / Business development		
6.	Treatment and Disposal of Bio-Medical Waste	2.29	2.04
7.	Mangrove Plantation, Monitoring &	35.0	35.0
	Conservation		
8.	Other Horticulture Expenses	956	979
9.	O&M of Sewage Treatment Plant and Effluent	141.33	164.46
	Treatment Plant (including STP, ETP of Port &		
	SEZ & Common Effluent Treatment Plant)		
10.	Expenditure of Environment Dept. (Apart from	90.136	75.79
	above head)		
	Total	1366.281	1448.06

Village: Nana Kapaya, Tal. Mundra, Dist. Kutch – 370421.



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

QCI-NABET Accredited EIA Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	April – 2022		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/04/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

Sampling Date: 07/04/2022

Sr. No.	Parameter	Unit	Result	Permissible Limit as per NAAQMS – November 2009 Notification	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	$\mu g/M^3$	83.45	100	IS - 5182, Part- 23
2.	Particulate Matter (PM <sub>2.5</sub> )	$\mu g/M^3$	24.56	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/M³	9.25	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide (NO <sub>2</sub> )	$\mu g/M^3$	14.56	80	IS - 5182, Part - 6
5.	Carbon Monoxide (CO)	mg/M³	ND	4	IS - 5182, Part - 10
6.	Ammonia (NH₃)	$\mu g/M^3$	10.25	400	UERL/ AIR/ SOP/05
7.	Ozone (O <sub>3</sub> )	$\mu g/M^3$	<5.0	100	IS – 5182, Part – 9
8.	Lead (Pb)	$\mu g/M^3$	<0.5	1	IS – 5182, Part – 22
9.	Aresenic (As)	ng/M³	ND	6	IS – 5182, Part – 22
10.	Nickel (Ni)	ng/M³	ND	20	IS – 5182, Part – 22
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )	$\mu g/M^3$	ND	5	IS – 5182, Part – 11
12.	Benzo (a) Pyrene (BaP)	ng/M³	ND	1	IS – 5182, Part – 12

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Havely

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

vapi-396 195, Gujarat, India. Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	April – 2022		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/04/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

Sr.			Resi	ult	
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	08-04-2022	73.23	23.45	11.45	17.84
2.	11-04-2022	64.56	esearc <sub>20.18</sub> PVL L	14.23	21.56
3.	12-04-2022	72.34	25.17	12.19	18.76
4.	18-04-2022	86.77	28.14	10.56	15.67
5.	21-04-2022	78.34	25.84	9.75	14.78
6.	25-04-2022	70.12	22.56	10.45	17.92
7.	28-04-2022	63.92	19.46	8.45	15.34
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Have

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Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	April - 2022		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/04/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174)	FPS (Sr. No. 150802D022)	

Sampling Date: 07/04/2022

Sr. No.	Parameter	Unit	Result	Permissible Limit as per NAAQMS – November 2009 Notification	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	μg/M³	87.21	100	IS - 5182, Part- 23
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/M³	26.76	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide (SO <sub>2</sub> )	$\mu g/M^3$	9.45	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide (NO <sub>2</sub> )	$\mu g/M^3$	15.68	80	IS - 5182, Part - 6
5.	Carbon Monoxide (CO)	mg/M³	ND	4	IS - 5182, Part - 10
6.	Ammonia (NH₃)	$\mu g/M^3$	<5.0	400	UERL/ AIR/ SOP/05
7.	Ozone (O <sub>3</sub> )	$\mu g/M^3$	<5.0	100	IS – 5182, Part – 9
8.	Lead (Pb)	$\mu g/M^3$	ND	1	IS – 5182, Part – 22
9.	Aresenic (As)	ng/M³	ND	6	IS – 5182, Part – 22
10.	Nickel (Ni)	ng/M³	ND	20	IS – 5182, Part – 22
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/M³	ND	5	IS – 5182, Part – 11
12.	Benzo (a) Pyrene (BaP)	ng/M³	ND	1	IS – 5182, Part – 12

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

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Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	April - 2022		
Name of Location	:	Adani Guest House		
<b>Location Code</b>	:	AAQM – 14		
<b>GPS Location</b>		22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/04/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174)	FPS (Sr. No. 150802D022)	

Sr.			Resu	ılt	
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	08-04-2022	82.34	23.45	11.23	17.45
2.	11-04-2022	88.54	esearch <sub>30.50</sub> s PVI. L	15.12	21.36
3.	12-04-2022	76.20	21.26	12.51	19.56
4.	18-04-2022	71.94	18.45	14.23	22.58
5.	21-04-2022	84.56	23.68	11.85	17.95
6.	25-04-2022	89.35	30.15	15.23	21.45
7.	28-04-2022	75.24	24.17	13.85	20.16
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Haveles

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

vapi-396 195, Gujarat, India. Phone : +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	May - 2022		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/05/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

C.,			Resi	ult	
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
	AAQMS – November 2009 tification Permissible Limit	100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	02-05-2022	75.45	21.35	11.45	16.45
2.	05-05-2022	81.35	28.76	14.23	18.23
3.	09-05-2022	68.25	23.45	17.25	21.45
4.	12-05-2022	75.23	27.15	15.24	16.78
5.	16-05-2022	82.56	26.32	13.25	18.25
6.	18-05-2022	80.15	29.12	11.21	15.82
7.	23-05-2022	76.54	23.45	14.25	19.25
8.	26-05-2022	70.15	26.14	10.26	14.35
9.	30-05-2022	65.34	22.55	11.25	16.85
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

Vapi-396 195, Gujarat, India.
Phone: +91 260 2433966 / 2425610

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	May - 2022		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/05/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174) FPS (Sr. No. 150802D022)		

C.,			Result					
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>			
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³			
1.	02-05-2022	73.45	23.18	13.45	18.23			
2.	05-05-2022	80.15	30.15	14.12	19.21			
3.	09-05-2022	86.14	33.25	10.67	15.34			
4.	12-05-2022	75.94	26.75	14.56	18.23			
5.	16-05-2022	82.45	30.18	17.82	22.15			
6.	18-05-2022	70.15	35.68	15.23	20.44			
7.	23-05-2022	84.56	29.15	14.28	19.15			
8.	26-05-2022	72.34	36.23	17.19	21.84			
9.	30-05-2022	87.15	30.06	13.45	18.25			
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6			

Remarks:

Opinion & Interpretation (if required):

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

Vapi-396 195, Gujarat, India. Phone: +91 260 2433966 / 2425610

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	June - 2022		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/06/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

C.,		Result						
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>			
	AAQMS – November 2009 tification Permissible Limit	100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³			
1.	02-06-2022	62.34	21.34	8.76	15.23			
2.	06-06-2022	55.12	18.78	12.34	17.84			
3.	09-06-2022	72.56	24.18	10.15	16.89			
4.	13-06-2022	65.50	24.52	15.12	21.34			
5.	15-06-2022	73.45	27.89	10.17	16.78			
6.	20-06-2022	78.17	23.45	13.44	20.15			
7.	23-06-2022	72.34	25.25	12.19	19.26			
8.	27-06-2022	75.62	23.12	9.12	15.46			
9.	29-06-2022	67.84	20.18	10.45	17.92			
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6			

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

Vapi-396 195, Gujarat, India. Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	June - 2022		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/06/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174)	FPS (Sr. No. 150802D022)	

C.			Resi	ult	
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	02-06-2022	67.12	25.44	9.12	15.67
2.	06-06-2022	83.45	32.15	12.45	18.95
3.	09-06-2022	71.23	28.15	11.18	16.54
4.	13-06-2022	67.85	25.46	15.28	21.35
5.	15-06-2022	74.23	28.74	11.44	16.73
6.	20-06-2022	67.25	25.19	10.25	14.56
7.	23-06-2022	62.18	22.11	15.25	22.35
8.	27-06-2022	73.25	27.89	10.89	16.32
9.	29-06-2022	64.15	22.45	14.15	20.15
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Authorized By:

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	July – 2022		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/07/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

Sampling Date: 04/07/2022

Sr. No.	Parameter	Unit	Result	Permissible Limit as per NAAQMS – November 2009 Notification	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	μg/M³	52.34	100	IS - 5182, Part- 23
2.	Particulate Matter (PM <sub>2.5</sub> )	$\mu g/M^3$	16.78	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide (SO <sub>2</sub> )	$\mu g/M^3$	7.68	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide (NO <sub>2</sub> )	$\mu g/M^3$	9.23	80	IS - 5182, Part - 6
5.	Carbon Monoxide (CO)	mg/M³	0.05	4	IS - 5182, Part - 10
6.	Ammonia (NH <sub>3</sub> )	$\mu g/M^3$	14.56	400	UERL/ AIR/ SOP/05
7.	Ozone (O <sub>3</sub> )	$\mu g/M^3$	8.45	100	IS – 5182, Part – 9
8.	Lead (Pb)	$\mu g/M^3$	<0.5	1	IS – 5182, Part – 22
9.	Aresenic (As)	ng/M³	ND	6	IS – 5182, Part – 22
10.	Nickel (Ni)	ng/M³	ND	20	IS – 5182, Part – 22
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/M³	ND	5	IS – 5182, Part – 11
12.	Benzo (a) Pyrene (BaP)	ng/M³	ND	1	IS – 5182, Part – 12

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	July - 2022		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/07/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167)	FPS (Sr. No. 220102164)	

Sr.			Result						
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>				
	AQMS – November 2009 tification Permissible Limit	100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³				
1.	07-07-2022	24.56	7.34	5.12	8.34				
2.	11-07-2022	18.96	8.75	5.55	6.15				
3.	14-07-2022	20.15	9.15	6.17	8.45				
4.	18-07-2022	26.78	10.24	6.12	9.23				
5.	21-07-2022	27.89	11.23	7.35	11.24				
6.	25-07-2022	35.78	14.23	6.13	9.12				
7.	28-07-2022	30.15	10.24	5.21	8.75				
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6				

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

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## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	July - 2022		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	••	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	••	APSEZ/A-14/22/07/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174)	FPS (Sr. No. 150802D022)	

Sampling Date: 04/07/2022

Sr. No.	Parameter	Unit	Result	Permissible Limit as per NAAQMS – November 2009 Notification	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	μg/M³	56.78	100	IS - 5182, Part- 23
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/M³	17.23	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/M³	5.67	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide (NO <sub>2</sub> )	$\mu g/M^3$	8.78	80	IS - 5182, Part - 6
5.	Carbon Monoxide (CO)	mg/M³	ND	4	IS - 5182, Part - 10
6.	Ammonia (NH₃)	$\mu g/M^3$	<5.0	400	UERL/ AIR/ SOP/05
7.	Ozone (O <sub>3</sub> )	$\mu g/M^3$	5.12	100	IS – 5182, Part – 9
8.	Lead (Pb)	$\mu g/M^3$	ND	1	IS – 5182, Part – 22
9.	Aresenic (As)	ng/M³	ND	6	IS – 5182, Part – 22
10.	Nickel (Ni)	ng/M³	ND	20	IS – 5182, Part – 22
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/M³	ND	5	IS – 5182, Part – 11
12.	Benzo (a) Pyrene (BaP)	ng/M³	ND	1	IS – 5182, Part – 12

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

Vapi-396 195, Gujarat, India.
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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	July - 2022		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
<b>GPS Location</b>	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/07/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174)	FPS (Sr. No. 150802D022)	

Sr.			Resu	ılt	
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	07-07-2022	23.45	8.23	5.10	7.12
2.	11-07-2022	Enviro <sub>15.50</sub> and R	esearch <sub>7.23</sub> 's PVI. L	4.24	6.15
3.	14-07-2022	17.98	8.12	5.10	7.15
4.	18-07-2022	20.15	7.89	5.25	7.14
5.	21-07-2022	24.56	7.10	6.12	8.25
6.	25-07-2022	32.45	10.23	7.12	9.10
7.	28-07-2022	27.68	8.45	4.56	7.23
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	August - 2022		
Name of Location	:	Shantivan Colony Nr. STP		
<b>Location Code</b>	:	AAQM – 08		
<b>GPS Location</b>	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/08/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

<u> </u>			Resi	ult	
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	01-08-2022	84.24	26.62	14.56	19.48
2.	04-08-2022	87.63	26.76	16.34	22.32
3.	08-08-2022	74.82	21.48	12.42	26.41
4.	11-08-2022	79.58	29.17	19.36	27.46
5.	15-08-2022	86.32	26.84	17.81	21.28
6.	18-08-2022	75.14	22.38	18.12	24.86
7.	22-08-2022	78.86	21.61	12.52	18.75
8.	25-08-2022	73.26	28.37	11.68	20.32
9.	29-08-2022	69.82	27.28	15.89	18.83
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

**Opinion & Interpretation (if required):** 

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

Vapi-396 195, Gujarat, India. Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

QCI-NABET Accredited EIA Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	August - 2022		
Name of Location	:	Adani Guest House		
<b>Location Code</b>	:	AAQM – 14		
<b>GPS Location</b>	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/08/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174)	FPS (Sr. No. 150802D022)	

C.,			Resi	ult	
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
	AQMS – November 2009 ification Permissible Limit	100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	01-08-2022	82.42	27.37	11.87	20.84
2.	04-08-2022	ENVIO79.48 and F	esearc 33.895 PVt. L	18.29	23.48
3.	08-08-2022	87.37	32.48	14.40	19.52
4.	11-08-2022	72.82	28.46	19.74	26.80
5.	15-08-2022	86.48	36.59	21.67	28.51
6.	18-08-2022	84.27	38.83	13.39	23.78
7.	22-08-2022	75.38	34.76	17.27	21.42
8.	25-08-2022	71.64	39.00	19.96	26.74
9.	29-08-2022	81.83	36.04	16.22	22.31
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

**Opinion & Interpretation (if required):** 

\*\*\*\*\* End of Report \*\*\*\*\*

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

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ISO 45001:2018 Certified Company

# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	September - 2022		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/09/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

Sr.		Result							
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>				
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³				
1.	01-09-2022	73.58	21.85	11.64	17.37				
2.	05-09-2022	83.28	19.68	13.86	18.32				
3.	08-09-2022	67.92	22.58	16.27	24.38				
4.	12-09-2022	74.73	26.84	17.48	21.96				
5.	15-09-2022	69.48	18.67	19.63	26.82				
6.	19-09-2022	77.38	24.89	14.26	18.17				
7.	22-09-2022	81.29	23.47	9.97	16.79				
8.	26-09-2022	78.74	25.83	16.46	23.59				
9.	29-09-2022	74.83	26.93	17.28	28.34				
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6				

Remarks:

Opinion & Interpretation (if required):

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	September - 2022		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location		22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/09/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174)	FPS (Sr. No. 150802D022)	

C.,			Resi	ult	
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
	AQMS – November 2009 cification Permissible Limit	100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	01-09-2022	73.47	29.38	14.27	22.47
2.	05-09-2022	ENVIO 82.26 and 1	esearc 36.178 PVI. L	16.49	26.29
3.	08-09-2022	76.43	29.41	17.24	23.84
4.	12-09-2022	79.18	26.47	24.73	29.46
5.	15-09-2022	85.79	34.48	26.91	32.39
6.	19-09-2022	83.28	36.15	21.29	27.93
7.	22-09-2022	77.28	38.82	23.63	28.10
8.	26-09-2022	76.36	36.19	17.36	24.39
9.	29-09-2022	89.14	33.28	21.69	27.36
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

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## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	October - 2022		
Name of Location	••	Shantivan Colony Nr. STP		
Location Code	••	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/10/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167)	FPS (Sr. No. 220102164)	

Sampling Date: 04/07/2022

Sr. No.	Parameter	Unit	Result	Permissible Limit as per NAAQMS – November 2009 Notification	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	$\mu g/M^3$	76.48	100	IS - 5182, Part- 23
2.	Particulate Matter (PM <sub>2.5</sub> )	$\mu g/M^3$	27.38	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/M³	16.93	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide (NO <sub>2</sub> )	$\mu g/M^3$	19.06	80	IS - 5182, Part - 6
5.	Carbon Monoxide (CO)	mg/M³	0.09	4	IS - 5182, Part - 10
6.	Ammonia (NH <sub>3</sub> )	$\mu g/M^3$	11.26	400	UERL/ AIR/ SOP/05
7.	Ozone (O <sub>3</sub> )	$\mu g/M^3$	9.73	100	IS – 5182, Part – 9
8.	Lead (Pb)	$\mu g/M^3$	<0.5	1	IS – 5182, Part – 22
9.	Aresenic (As)	ng/M³	ND	6	IS – 5182, Part – 22
10.	Nickel (Ni)	ng/M³	ND	20	IS - 5182, Part - 22
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )	$\mu g/M^3$	ND	5	IS – 5182, Part – 11
12.	Benzo (a) Pyrene (BaP)	ng/M³	ND	1	IS – 5182, Part – 12

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

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## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	October - 2022		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/10/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

Sr.		Result							
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>				
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³				
1.	06-10-2022	87.37	24.74	18.23	23.55				
2.	10-10-2022	72.28	31.42	19.73	27.87				
3.	13-10-2022	86.83	29.67	16.84	24.36				
4.	17-10-2022	73.18	32.64	21.28	32.64				
5.	20-10-2022	81.84	27.15	18.63	23.48				
6.	27-10-2022	84.27	26.57	22.58	33.02				
7.	28-10-2022	79.94	29.02	19.75	27.69				
8.	31-10-2022	87.24	28.38	24.86	29.23				
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6				

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel

**Authorized By:** 

(Manager - Operations)
UERL/AIR/F-05/05

Vapi-396 195, Gujarat, India.
Phone: +91 260 2433966 / 2425610

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## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	October - 2022		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	••	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.		APSEZ/A-14/22/10/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174)	FPS (Sr. No. 150802D022)	

Sampling Date: 04/07/2022

Sr. No.	Parameter	Unit	Result	Permissible Limit as per NAAQMS – November 2009 Notification	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	μg/M³	79.70	100	IS - 5182, Part- 23
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/M³	32.63	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/M³	18.34	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide (NO <sub>2</sub> )	$\mu g/M^3$	27.84	80	IS - 5182, Part - 6
5.	Carbon Monoxide (CO)	mg/M³	ND	4	IS - 5182, Part - 10
6.	Ammonia (NH <sub>3</sub> )	$\mu g/M^3$	<5.0	400	UERL/ AIR/ SOP/05
7.	Ozone (O <sub>3</sub> )	μg/M³	7.62	100	IS – 5182, Part – 9
8.	Lead (Pb)	μg/M³	ND	1	IS – 5182, Part – 22
9.	Aresenic (As)	ng/M³	ND	6	IS – 5182, Part – 22
10.	Nickel (Ni)	ng/M³	ND	20	IS – 5182, Part – 22
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/M³	ND	5	IS – 5182, Part – 11
12.	Benzo (a) Pyrene (BaP)	ng/M³	ND	1	IS – 5182, Part – 12

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	October - 2022		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/10/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174) FPS (Sr. No. 150802D022)		

C.,			Resi		
Sr. No.	Sampling Date	ampling Date $PM_{10}$ $PM_{2.5}$ Sulphur Dioxic $\mu g/M^3$ $\mu g/M^3$ $(SO_2) \mu g/M^3$		Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	06-10-2022	76.58	39.09	19.73	23.69
2.	10-10-2022	89.47	esearch <sub>32.53</sub> s Pvt. L	21.24	28.72
3.	13-10-2022	82.64	29.85	23.96	34.28
4.	17-10-2022	84.38	38.66	21.47	36.94
5.	20-10-2022	78.36	39.54	18.75	26.14
6.	27-10-2022	80.72	42.96	26.45	36.58
7.	28-10-2022	87.16	39.28	19.38	28.73
8.	31-10-2022	86.34	37.16	24.84	31.46
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

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**Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

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## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	November - 2022		
Name of Location	:	Shantivan Colony Nr. STP		
<b>Location Code</b>	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/11/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

Sr.			Resi	ult			
No.			Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>			
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³		
1.	03-11-2022	80.12	26.75	11.34	17.80		
2.	07-11-2022	ENVIO75.63 and R	esearc <sub>24.12</sub> PVI. L	16.73	22.15		
3.	10-11-2022	63.45	29.74	12.45	19.25		
4.	14-11-2022	70.21	25.54	17.64	25.22		
5.	17-11-2022	81.23	27.85	21.89	26.53		
6.	21-11-2022	74.12	22.56	17.18	23.27		
7.	24-11-2022	70.15	21.34	16.36	22.19		
8.	28-11-2022	69.85	19.44	17.56	24.53		
	Test Method	IS - 5182, Part - 23 UERL/AIR/SOP/11 IS - 5182, Part - 2 IS - 5182, Part					

Remarks:

**Opinion & Interpretation (if required):** 

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## TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	November - 2022		
Name of Location	:	Adani Guest House		
<b>Location Code</b>	:	AAQM – 14		
<b>GPS Location</b>	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/11/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174) FPS (Sr. No. 150802D022)		

Sr.			Resu	ult	
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	03-11-2022	65.77	31.25	15.67	21.44
2.	07-11-2022	72.34	esearch <sub>33.45</sub> s Pvt. L	12.34	18.75
3.	10-11-2022	68.93	24.54	17.84	23.84
4.	14-11-2022	72.34	35.12	21.45	29.46
5.	17-11-2022	68.12	25.67	20.16	26.78
6.	21-11-2022	84.56	35.12	23.45	29.15
7.	24-11-2022	86.57	32.15	21.18	28.10
8.	28-11-2022	66.15	25.89	17.36	24.39
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

**Opinion & Interpretation (if required):** 

\*\*\*\*\* End of Report \*\*\*\*\*

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	December - 2022		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/22/12/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

Sr.			Resu	ılt	
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	01-12-2022	68.39	32.71	16.53	24.71
2.	05-12-2022	84.18	esea(C <sub>28.46</sub> ) - VIII -	23.68	33.49
3.	08-12-2022	79.42	34.58	17.92	26.13
4.	12-12-2022	87.60	29.26	14.38	27.52
5.	15-12-2022	64.18	32.64	23.42	31.97
6.	19-12-2022	86.48	28.42	26.74	34.09
7.	22-12-2022	82.36	34.17	19.26	28.39
8.	26-12-2022	78.53	26.20	24.07	36.62
9.	29-12-2022	89.38	31.61	27.74	34.13
Test Method		IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

**Opinion & Interpretation (if required):** 

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

Vapi-396 195, Gujarat, India.
Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

QCI-NABET Accredited EIA Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	December - 2022		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/22/12/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174) FPS (Sr. No. 150802D022)		

C			Resi	ult	
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	01-12-2022	73.38	36.72	11.25	16.63
2.	05-12-2022	68.38	esearci <sub>31.44</sub> s PVI. L	13.52	15.47
3.	08-12-2022	78.17	29.52	14.73	18.29
4.	12-12-2022	82.36	38.19	10.46	17.61
5.	15-12-2022	73.26	34.64	9.36	12.75
6.	19-12-2022	76.22	39.81	13.58	16.53
7.	22-12-2022	64.68	33.79	11.31	19.63
8.	26-12-2022	82.38	28.15	14.27	17.26
9.	29-12-2022	78.46	26.39	9.62	14.63
Test Method		IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

**Opinion & Interpretation (if required):** 

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations)

**Authorized By:** 

UERL/AIR/F-05/05

Vapi-396 195, Gujarat, India.
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ISO 45001:2018 Certified Company

# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	••	January - 2023		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	••	AAQM – 08		
GPS Location	••	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	••	APSEZ/A-08/23/01/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167)	FPS (Sr. No. 220102164)	

Sampling Date: 02/01/2023

Sr. No.	Parameter	Unit	Result	Permissible Limit as per NAAQMS – November 2009 Notification	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	μg/M³	74.16	100	IS - 5182, Part- 23
2.	Particulate Matter (PM <sub>2.5</sub> )	$\mu g/M^3$	38.63	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/M³	13.27	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide (NO <sub>2</sub> )	$\mu g/M^3$	28.65	80	IS - 5182, Part - 6
5.	Carbon Monoxide (CO)	mg/M³	0.05	4	IS - 5182, Part - 10
6.	Ammonia (NH₃)	$\mu g/M^3$	9.55	400	UERL/ AIR/ SOP/05
7.	Ozone (O <sub>3</sub> )	$\mu g/M^3$	8.25	100	IS – 5182, Part – 9
8.	Lead (Pb)	$\mu g/M^3$	<0.5	1	IS – 5182, Part – 22
9.	Aresenic (As)	ng/M³	ND	6	IS – 5182, Part – 22
10.	Nickel (Ni)	ng/M³	ND	20	IS – 5182, Part – 22
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/M³	ND	5	IS – 5182, Part – 11
12.	Benzo (a) Pyrene (BaP)	ng/M³	ND	1	IS – 5182, Part – 12

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	January - 2023		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/23/01/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

C.			Result							
Sr. No.	Sampling Date	<b>PM<sub>10</sub></b> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>					
	AQMS – November 2009 tification Permissible Limit	100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³					
1.	05-01-23	79.38	36.28	17.35	26.45					
2.	09-01-23	72.93	39.84	26.63	31.19					
3.	12-01-23	79.74	33.19	19.27	23.52					
4.	16-01-23	82.52	26.46	27.73	38.42					
5.	19-01-23	81.30	32.95	21.53	32.38					
6.	23-01-23	67.41	37.34	24.69	31.25					
7.	26-01-23	74.70	36.42	16.32	29.84					
8.	30-01-23	84.73	38.66	21.49	28.57					
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6					

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Authorized By:

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	January - 2023		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/23/01/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174) FPS (Sr. No. 150802D022)		

Sampling Date: 02/01/2023

Sr. No.	Parameter	Unit	Result	Permissible Limit as per NAAQMS – November 2009 Notification	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	μg/M³	62.38	100	IS - 5182, Part- 23
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/M³	26.79	60	UERL/AIR/SOP/11
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/M³	10.58	80	IS - 5182, Part - 2
4.	Nitrogen Dioxide (NO <sub>2</sub> )	$\mu g/M^3$	19.73	80	IS - 5182, Part - 6
5.	Carbon Monoxide (CO)	mg/M³	ND	4	IS - 5182, Part - 10
6.	Ammonia (NH <sub>3</sub> )	$\mu g/M^3$	<5.0	400	UERL/ AIR/ SOP/05
7.	Ozone (O <sub>3</sub> )	μg/M³	6.25	100	IS – 5182, Part – 9
8.	Lead (Pb)	μg/M³	ND	1	IS – 5182, Part – 22
9.	Aresenic (As)	ng/M³	ND	6	IS – 5182, Part – 22
10.	Nickel (Ni)	ng/M³	ND	20	IS – 5182, Part – 22
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/M³	ND	5	IS – 5182, Part – 11
12.	Benzo (a) Pyrene (BaP)	ng/M³	ND	1	IS – 5182, Part – 12

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

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vapi-396 195, Gujarat, India. Phone: +91 260 2433966 / 2425610

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	January - 2023		
Name of Location	:	Adani Guest House		
<b>Location Code</b>	:	AAQM – 14		
<b>GPS Location</b>	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/23/01/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174) FPS (Sr. No. 150802D022)		

C.,			Resi	ult	
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	05-01-23	84.57	39.32	16.42	22.53
2.	09-01-23	73.62	esearci <sub>36.69</sub> PVI. L	11.28	16.36
3.	12-01-23	83.77	31.52	14.79	21.68
4.	16-01-23	82.49	42.09	17.63	24.73
5.	19-01-23	74.18	31.52	9.61	13.28
6.	23-01-23	78.51	26.36	10.83	16.97
7.	26-01-23	76.42	36.58	13.67	19.05
8.	30-01-23	87.28	33.83	13.17	17.36
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	February - 2023		
Name of Location	:	Shantivan Colony Nr. STP		
<b>Location Code</b>	:	AAQM – 08		
<b>GPS Location</b>	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/23/02/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

Sr.			Resi	ult	
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
	AQMS – November 2009 ification Permissible Limit	100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	02-02-2023	87.48	34.25	17.62	24.24
2.	06-02-2023	73.58	esearch <sub>31.84</sub> s PVI. L	24.58	31.72
3.	09-02-2023	71.74	36.48	29.16	38.84
4.	13-02-2023	84.16	39.71	25.67	29.48
5.	16-02-2023	79.72	30.59	32.16	41.31
6.	20-02-2023	81.42	41.93	28.61	36.59
7.	23-02-2023	69.58	32.62	15.93	26.16
8.	27-02-2023	81.46	42.58	25.17	31.49
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Bland

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

**Authorized By:** 

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	February - 2023		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/23/02/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174) FPS (Sr. No. 150802D022)		

C.,			Resi	ult	
Sr. No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
NAAQMS – November 2009 Notification Permissible Limit		100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	02-02-2023	78.62	32.16	12.47	21.28
2.	06-02-2023	61.89	esearc 34.86	14.19	17.63
3.	09-02-2023	74.38	29.69	9.84	14.89
4.	13-02-2023	84.27	27.81	11.27	18.36
5.	16-02-2023	73.14	37.88	14.34	19.49
6.	20-02-2023	85.39	29.84	10.28	16.81
7.	23-02-2023	71.29	34.16	16.69	23.48
8.	27-02-2023	89.17	29.96	12.37	16.69
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

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Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-05/05

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	March - 2023		
Name of Location	:	Shantivan Colony Nr. STP		
Location Code	:	AAQM – 08		
GPS Location	:	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/A-08/23/03/008		
Instrument Used for Monitoring	:	RDS (Sr. No. 210803167) FPS (Sr. No. 220102164)		

Sr.			Resu	ılt	
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>
	AQMS – November 2009 ification Permissible Limit	100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³
1.	02-03-2023	72.46	38.53	21.48	29.61
2.	06-03-2023	88.48	esearc 36.24	18.47	26.56
3.	09-03-2023	75.39	39.75	26.62	34.74
4.	13-03-2023	85.94	32.55	29.71	36.94
5.	16-03-2023	82.69	34.83	27.69	33.47
6.	20-03-2023	73.75	39.76	34.18	39.82
7.	23-03-2023	83.17	36.10	25.64	31.48
8.	27-03-2023	86.27	33.52	29.64	35.57
9.	30-03-2023	83.42	35.96	23.15	29.76
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6

Remarks:

Opinion & Interpretation (if required):

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# TEST REPORT (AMBIENT AIR MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	March - 2023		
Name of Location	:	Adani Guest House		
Location Code	:	AAQM – 14		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/A-14/23/03/014		
Instrument Used for Monitoring	:	RDS (Sr. No. 210903174) FPS (Sr. No. 150802D022)		

Sr.			Result				
No.	Sampling Date	<b>PM</b> <sub>10</sub> μg/M <sup>3</sup>	<b>PM<sub>2.5</sub></b> μg/M <sup>3</sup>	Sulphur Dioxide (SO <sub>2</sub> ) μg/M <sup>3</sup>	Nitrogen Dioxide (NO <sub>2</sub> ) μg/M <sup>3</sup>		
	AQMS – November 2009 cification Permissible Limit	100 μg/M³	60 μg/M³	80 μg/M³	80 μg/M³		
1.	02-03-2023	89.13	37.52	14.26	17.72		
2.	06-03-2023	EN/1073.91 and R	esearci <sub>35.16</sub> ° PVI. L	18.53	23.38		
3.	09-03-2023	78.64	33.48	13.76	18.55		
4.	13-03-2023	88.24	29.85	15.31	21.43		
5.	16-03-2023	82.83	32.18	11.28	18.64		
6.	20-03-2023	79.12	35.63	14.19	19.61		
7.	23-03-2023	85.26	26.19	13.84	17.19		
8.	27-03-2023	80.84	32.74	15.95	21.63		
9.	30-03-2023	87.42	27.79	12.64	16.29		
	Test Method	IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6		

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations)

UERL/AIR/F-05/05

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

# TEST REPORT (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	April – 2022			18-04-2022
Name of Location	:	Shantivan Colony Nr. STP			
<b>Location Code</b>	:	NM - 08	Sampling Method	:	IS: 9989 : 1981
<b>GPS Location</b>	:	22°51'14.64"N, 69°41'14	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/N-08/22/04/008			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

### Result:

C+ No	Have	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	62.6	22:00 to 23:00	60.9
2.	07:00 to 08:00	65.4	23:00 to 24:00	61.2
3.	08:00 to 09:00	67.1	24:00 to 01:00	60.34
4.	09:00 to 10:00	64.5	01:00 to 02:00	60.8
5.	10:00 to 11:00	69.6	02:00 to 03:00	61.8
6.	11:00 to 12:00	65.2	03:00 to 04:00	61.2
7.	12:00 to 13:00	Environn 63.2 and Research	04:00 to 05:00	62.87
8.	13:00 to 14:00	65.5	05:00 to 06:00	62.45
9.	14:00 to 15:00	62.8	Average	61.4
10.	15:00 to 16:00	64.1	Maximum	62.9
11.	16:00 to 17:00	66.3	Minimum	60.3
12.	17:00 to 18:00	68.3		
13.	18:00 to 19:00	63.5		
14.	19:00 to 20:00	65.2		
15.	20:00 to 21:00	62.3		
16.	21:00 to 22:00	60.7		

Area Code	Catagory of Area/Zone	Limit in dB (A) Leq				
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)			
(A)	Industrial area	75	70			
Remarks:						
Opinion & Interpretation (if required):						

64.8

69.6

60.7

Checked By:

**Average** 

Maximum

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\*

Authorized By:

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023) QCI-NABET Accredited EIA Consultant Organization **GPCB** Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 **Certified Company** 

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,	Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	April – 2022	April – 2022		
Name of Location	:	Adani Guest House (Mundra Town)			
<b>Location Code</b>	:	NM – 14	Sampling Method	:	IS: 9989 : 1981
<b>GPS Location</b>	:	22°50'21.71"N, 69°43'48.24"E			
UERL ID No.	:	APSEZ/N-14/22/04/014			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014	ļ		

Cu No	House	Noise Level Leq. dB(A)	Have	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	60.5	22:00 to 23:00	57.12
2.	07:00 to 08:00	62.8	23:00 to 24:00	56.34
3.	08:00 to 09:00	66.1	24:00 to 01:00	54.87
4.	09:00 to 10:00	65.5	01:00 to 02:00	59.71
5.	10:00 to 11:00	68.3	02:00 to 03:00	52.34
6.	11:00 to 12:00	68.9	03:00 to 04:00	50.98
7.	12:00 to 13:00	64.6	04:00 to 05:00	56.23
8.	13:00 to 14:00	Environm66.3 and Receptor	05:00 to 06:00	57.32
9.	14:00 to 15:00	68.5	Average	55.6
10.	15:00 to 16:00	64.5	Maximum	59.7
11.	16:00 to 17:00	63.5	Minimum	51.0
12.	17:00 to 18:00	65.6		
13.	18:00 to 19:00	61.5		
14.	19:00 to 20:00	63.5		
15.	20:00 to 21:00	60.5		
16.	21:00 to 22:00	58.5		
	Average	64.3		
	Maximum	68.9		

Area Code	Category of Area/Zone	Limit in dB (A) Leq				
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)			
(A)	Industrial area	75	70			
Remarks:						
Opinion & Int	Opinion & Interpretation (if required):					

58.5

**Checked By:** 

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\* **Authorized By:** 

> Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 9001:2015 **Certified Company** 

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,	Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	May-2022 <b>Date of Monitoring</b> : 16-05-2022			16-05-2022
Name of Location	:	Shantivan Colony Nr. STP			
Location Code	:	NM - 08	Sampling Method	:	IS: 9989 : 1981
GPS Location	:	22°51'14.64"N, 69°41'14	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/N-08/22/05/008			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

C. No	Have	Noise Level Leq. dB(A)	Have	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	60.4	22:00 to 23:00	57.2
2.	07:00 to 08:00	63.5	23:00 to 24:00	60.2
3.	08:00 to 09:00	58.9	24:00 to 01:00	57.6
4.	09:00 to 10:00	63.5	01:00 to 02:00	55.3
5.	10:00 to 11:00	67.8	02:00 to 03:00	55.5
6.	11:00 to 12:00	69.5	03:00 to 04:00	57.8
7.	12:00 to 13:00	64.5	04:00 to 05:00	56.2
8.	13:00 to 14:00	66.2	05:00 to 06:00	58.9
9.	14:00 to 15:00	60.2	Average	57.3
10.	15:00 to 16:00	65.5	Maximum	60.2
11.	16:00 to 17:00	68.9	Minimum	55.3
12.	17:00 to 18:00	60.5		
13.	18:00 to 19:00	64.5		
14.	19:00 to 20:00	60.2		
15.	20:00 to 21:00	58.7		

Area Code	Catagory of Area/Zono	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Int	Opinion & Interpretation (if required):						

56.5

63.1

69.5

56.5

**Checked By:** 

16.

21:00 to 22:00

**Average** 

Maximum

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\* **Authorized By:** 

> Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 9001:2015 **Certified Company** 

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	May-2022 <b>Date of Monitoring</b> : 25-05-2022			25-05-2022
Name of Location	:	Adani Guest House (Mundra Town)			
<b>Location Code</b>	••	NM – 14	NM – 14 Sampling Method : IS: 9989 : 1981		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E			
UERL ID No.	:	APSEZ/N-14/22/05/014			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

C+ No	Have	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)	
Sr. No. Hour	Day Time	Hour	Night Time		
1.	06:00 to 07:00	60.1	22:00 to 23:00	56.9	
2.	07:00 to 08:00	63.2	23:00 to 24:00	59.7	
3.	08:00 to 09:00	65.5	24:00 to 01:00	53.1	
4.	09:00 to 10:00	63.0	01:00 to 02:00	56.4	
5.	10:00 to 11:00	63.5	02:00 to 03:00	53.9	
6.	11:00 to 12:00	67.0	03:00 to 04:00	56.7	
7.	12:00 to 13:00	65.4	04:00 to 05:00	59.9	
8.	13:00 to 14:00	63.2	05:00 to 06:00	60.2	
9.	14:00 to 15:00	62.1	Average	57.1	
10.	15:00 to 16:00	67.3	Maximum	60.2	
11.	16:00 to 17:00	66.2	Minimum	53.1	
12.	17:00 to 18:00	61.0			
13.	18:00 to 19:00	58.1			
14.	19:00 to 20:00	57.3			
15.	20:00 to 21:00	56.3			

Area Code	Category of Area/Zone	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Int	Opinion & Interpretation (if required):						

54.5

62.1

67.3

54.5

**Checked By:** 

16.

21:00 to 22:00

**Average** 

Maximum

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\* **Authorized By:** 

> Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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### TEST REPORT

### (AMBIENT NOISE LEVEL MONITORING)

	- 1-					
Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.				
		Village – Nanakapaya,				
		TAL MUNDRA, DIST KUTCH - 370421.				
Month of Monitoring	••	June-2022 <b>Date of Monitoring</b> : 27-06-2022				
Name of Location	••	Shantivan Colony Nr. STP				
Location Code	••	NM - 08	Sampling Method	:	IS: 9989 : 1981	
GPS Location	:	22°51'14.64"N, 69°41'14.74"E				
UERL ID No.	:	APSEZ/N-08/22/06/008				
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014				

### Result :

C+ No	Have	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. NO.	Sr. No. Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	63.4	22:00 to 23:00	57.2
2.	07:00 to 08:00	62.8	23:00 to 24:00	55.6
3.	08:00 to 09:00	61.5	24:00 to 01:00	55.9
4.	09:00 to 10:00	62.8	01:00 to 02:00	55.5
5.	10:00 to 11:00	63.4	02:00 to 03:00	55.1
6.	11:00 to 12:00	65.2	03:00 to 04:00	55.8
7.	12:00 to 13:00	64.2	04:00 to 05:00	59.5
8.	13:00 to 14:00	Environn 60.7 and Recourt	05:00 to 06:00	58.4
9.	14:00 to 15:00	60.5	Average	56.6
10.	15:00 to 16:00	62.7	Maximum	59.5
11.	16:00 to 17:00	60.6	Minimum	55.1
12.	17:00 to 18:00	59.7		
13.	18:00 to 19:00	58.5		
14.	19:00 to 20:00	61.2		
15.	20:00 to 21:00	60.4		
16.	21:00 to 22:00	57.5		
	Average	61.6		

Area Code	Category of Area/Zone	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Int	Opinion & Interpretation (if required):						

\*\*\*\*\* End of Report \*\*\*\*\*

65.2

57.5

**Checked By:** 

Maximum

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023) QCI-NABET Accredited EIA Consultant Organization

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ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

	- 1-				
Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	••	June-2022 <b>Date of Monitoring</b> : 14-06-2022			
Name of Location	••	Adani Guest House (Mundra Town)			
Location Code	••	NM – 14	NM – 14 Sampling Method : IS: 9989 : 1981		
GPS Location	:	22°50'21.71"N, 69°43'48.24"E			
UERL ID No.	:	APSEZ/N-14/22/06/014			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

### Result ·

C+ No	Harri	Noise Level Leq. dB(A)	Have	Noise Level Leq. dB(A)
Sr. No. Hour	Day Time	Hour	Night Time	
1.	06:00 to 07:00	58.7	22:00 to 23:00	54.2
2.	07:00 to 08:00	60.5	23:00 to 24:00	55.1
3.	08:00 to 09:00	62.5	24:00 to 01:00	54.5
4.	09:00 to 10:00	63.5	01:00 to 02:00	53.8
5.	10:00 to 11:00	62.8	02:00 to 03:00	54.5
6.	11:00 to 12:00	64.5	03:00 to 04:00	55.2
7.	12:00 to 13:00	63.5	04:00 to 05:00	54.5
8.	13:00 to 14:00	Environn 62.8 and Rocalin	05:00 to 06:00	57.5
9.	14:00 to 15:00	60.5	Average	54.9
10.	15:00 to 16:00	65.3	Maximum	57.5
11.	16:00 to 17:00	62.8	Minimum	53.8
12.	17:00 to 18:00	64.2		
13.	18:00 to 19:00	61.8		
14.	19:00 to 20:00	60.5		
15.	20:00 to 21:00	58.7		
16.	21:00 to 22:00	55.5		
	Average	61.8		
	Maximum	65.3		

Area Code	Catagory of Area/Zone	Limit in dB (A) Leq			
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)		
(A)	Industrial area	75	70		
Remarks:					

55.5

Opinion & Interpretation (if required):

Minimum

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 **Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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ISO 45001:2018 Certified Company

### TEST REPORT

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	July-2022         Date of Monitoring         : 21-07-2022			21-07-2022
Name of Location	:	Shantivan Colony Nr. STP			
Location Code	:	NM - 08	NM - 08 <b>Sampling Method</b> : IS: 9989 : 1981		
<b>GPS Location</b>	:	22°51'14.64"N, 69°41'14.74"E			
UERL ID No.	:	APSEZ/N-08/22/07/008			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

### Result :

Cr No	Sr. No. Hour	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. NO.		Day Time	Hour	Night Time
1.	06:00 to 07:00	61.1	22:00 to 23:00	63.4
2.	07:00 to 08:00	65.6	23:00 to 24:00	56.1
3.	08:00 to 09:00	61.2	24:00 to 01:00	59.4
4.	09:00 to 10:00	60.3	01:00 to 02:00	63.3
5.	10:00 to 11:00	66.4	02:00 to 03:00	60.2
6.	11:00 to 12:00	65.1	03:00 to 04:00	57.1
7.	12:00 to 13:00	68.6	04:00 to 05:00	58.9
8.	13:00 to 14:00	Environn61.3 and Research	05:00 to 06:00	61.3
9.	14:00 to 15:00	60.4	Average	60.0
10.	15:00 to 16:00	62.1	Maximum	63.4
11.	16:00 to 17:00	64	Minimum	56.1
12.	17:00 to 18:00	62.7		
13.	18:00 to 19:00	60.8		
14.	19:00 to 20:00	60.1		
15.	20:00 to 21:00	63.1		
16.	21:00 to 22:00	69.8		
	Average	63.3		
	Maximum	69.8		

Area Code	Category of Area/Zone	Limit in dB (A) Leq						
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)					
(A)	Industrial area	75	70					
Remarks:	Remarks:							
Opinion & Interpretation (if required):								

60.1

Checked By:

Minimum

Nikunj D. Patel (Chemist)

Page No.: 1 of 1

\*\*\*\*\* End of Report \*\*\*\*\*

Authorized By:

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023) QCI-NABET Accredited EIA Consultant Organization **GPCB** Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 **Certified Company** 

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.				
		Village – Nanakapaya,				
		TAL MUNDRA, DIST KUTCH - 370421.				
Month of Monitoring	:	July-2022         Date of Monitoring         : 25-07-2022				
Name of Location	:	Adani Guest House (Mundra Town)				
Location Code	:	NM – 14	Sampling Method	:	IS: 9989 : 1981	
GPS Location	••	22°50'21.71"N, 69°43'48	22°50'21.71"N, 69°43'48.24"E			
UERL ID No.	:	APSEZ/N-14/22/07/014				
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014				

C: No	Have	Noise Level Leq. dB(A)	110	Noise Level Leq. dB(A)
Sr. No. Hour	Day Time	Hour	Night Time	
1.	06:00 to 07:00	60.9	22:00 to 23:00	55.3
2.	07:00 to 08:00	66.5	23:00 to 24:00	56.7
3.	08:00 to 09:00	68.4	24:00 to 01:00	55.8
4.	09:00 to 10:00	61.8	01:00 to 02:00	54.2
5.	10:00 to 11:00	67.4	02:00 to 03:00	60.5
6.	11:00 to 12:00	61.1	03:00 to 04:00	51.4
7.	12:00 to 13:00	63.9	04:00 to 05:00	54.5
8.	13:00 to 14:00	Environ 69.9 and Raca in	05:00 to 06:00	55.4
9.	14:00 to 15:00	65.7	Average	55.5
10.	15:00 to 16:00	60.4	Maximum	60.5
11.	16:00 to 17:00	69.4	Minimum	51.4
12.	17:00 to 18:00	66.1		
13.	18:00 to 19:00	62.4		
14.	19:00 to 20:00	65.5		
15.	20:00 to 21:00	62.1		
16.	21:00 to 22:00	64.8		
	Average	64.8		

Area Code	Catagory of Area/Zone	Limit in dB (A) Leq				
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)			
(A)	Industrial area	75	70			
Remarks:						

69.9

60.4

Maximum

Minimum

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Opinion & Interpretation (if required):

Nikunj D. Patel (Chemist) Page No.: 1 of 1

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	August-2022			
Name of Location	:	Shantivan Colony Nr. STP			
<b>Location Code</b>	:	NM - 08	Sampling Method	:	IS: 9989 : 1981
GPS Location	:	22°51'14.64"N, 69°41'14.74"E			
UERL ID No.	:	APSEZ/N-08/22/08/008			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014	ļ		

### Result :

Cr No	Ноим	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. No. Hour	Day Time	nour	Night Time	
1.	06:00 to 07:00	61.4	22:00 to 23:00	59.3
2.	07:00 to 08:00	63.5	23:00 to 24:00	63.6
3.	08:00 to 09:00	58.9	24:00 to 01:00	57.6
4.	09:00 to 10:00	63.5	01:00 to 02:00	55.3
5.	10:00 to 11:00	67.8	02:00 to 03:00	56.8
6.	11:00 to 12:00	69.5	03:00 to 04:00	57.8
7.	12:00 to 13:00	64.5	04:00 to 05:00	60.3
8.	13:00 to 14:00	Environn 66.2 and Roca in	05:00 to 06:00	59.8
9.	14:00 to 15:00	60.2	Average	58.8
10.	15:00 to 16:00	65.5	Maximum	63.6
11.	16:00 to 17:00	68.9	Minimum	55.3
12.	17:00 to 18:00	60.5		
13.	18:00 to 19:00	64.5		
14.	19:00 to 20:00	60.2		
15.	20:00 to 21:00	58.7		
16.	21:00 to 22:00	58.6		
	Average	63.3		
	Maximum	69.5		

Area Code	Category of Area/Zone	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Int	Opinion & Interpretation (if required):						

58.6

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023) QCI-NABET Accredited EIA Consultant Organization **GPCB** Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 **Certified Company** 

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

(· ·····-·						
Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.				
		Village – Nanakapaya,				
		TAL MUNDRA, DIST KUTCH - 370421.				
Month of Monitoring	:	August-2022	August-2022			
Name of Location	:	Adani Guest House (Mundra Town)				
Location Code	:	NM – 14	Sampling Method	:	IS: 9989 : 1981	
GPS Location	:	22°50'21.71"N, 69°43'48.24"E				
UERL ID No.	:	APSEZ/N-14/22/08/014				
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014				

### Pocul+

Cr No	Ноик	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)	
Sr. No. Hour	Day Time	Hour	Night Time		
1.	06:00 to 07:00	63.7	22:00 to 23:00	60.9	
2.	07:00 to 08:00	64.8	23:00 to 24:00	58.5	
3.	08:00 to 09:00	66.1	24:00 to 01:00	56.9	
4.	09:00 to 10:00	63.4	01:00 to 02:00	54.3	
5.	10:00 to 11:00	64.2	02:00 to 03:00	58.7	
6.	11:00 to 12:00	64.1	03:00 to 04:00	58.3	
7.	12:00 to 13:00	62.8	04:00 to 05:00	60.1	
8.	13:00 to 14:00	Environn 63.9 and Research	05:00 to 06:00	59.6	
9.	14:00 to 15:00	64.7	Average	58.8	
10.	15:00 to 16:00	68.8	Maximum	60.9	
11.	16:00 to 17:00	65.4	Minimum	54.3	
12.	17:00 to 18:00	61.7			
13.	18:00 to 19:00	59.5			
14.	19:00 to 20:00	58.9			
15.	20:00 to 21:00	61.8			
16.	21:00 to 22:00	59.4			
	Average	60.7			
	Maximum	68.8			

Area Code	Category of Area/Zone	Limit in dB (A) Leq						
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)					
(A)	Industrial area	75	70					
Remarks:	Remarks:							
Opinion & Interpretation (if required):								

59.4

Minimum

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\*

**Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

### TEST REPORT

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST	TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	:	September-2022 Date of Monitoring : 29-09-2022			
Name of Location	:	Shantivan Colony Nr. STP			
Location Code	:	NM - 08	NM - 08 <b>Sampling Method</b> : IS: 9989 : 1981		
GPS Location	••	22°51'14.64"N, 69°41'14.74"E			
UERL ID No.	••	APSEZ/N-08/22/09/008			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014	<u> </u>		

### Result:

Sr. No.	Ноши	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. NO.		Day Time	Hour	Night Time
1.	06:00 to 07:00	63.4	22:00 to 23:00	57.5
2.	07:00 to 08:00	62.8	23:00 to 24:00	61.4
3.	08:00 to 09:00	61.5	24:00 to 01:00	56.4
4.	09:00 to 10:00	62.8	01:00 to 02:00	57.3
5.	10:00 to 11:00	63.8	02:00 to 03:00	57.8
6.	11:00 to 12:00	65.7	03:00 to 04:00	59.5
7.	12:00 to 13:00	63.5	04:00 to 05:00	61.8
8.	13:00 to 14:00	Environn 61.4 and Recons	05:00 to 06:00	62.7
9.	14:00 to 15:00	60.5	Average	59.3
10.	15:00 to 16:00	62.7	Maximum	62.7
11.	16:00 to 17:00	61.9	Minimum	56.4
12.	17:00 to 18:00	60.7		
13.	18:00 to 19:00	58.5		
14.	19:00 to 20:00	61.2		
15.	20:00 to 21:00	60.4		
16.	21:00 to 22:00	58.3		
	Average	61.8		

Area Code	Category of Area/Zone	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Interpretation (if required):							

65.7

58.3

Checked By:

Maximum

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\*

Authorized By:

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

(/)						
Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.				
		Village – Nanakapaya,	Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.				
Month of Monitoring	:	September-2022	September-2022 Date of Monitoring : 30-09-2022			
Name of Location	:	Adani Guest House (Mundra Town)				
<b>Location Code</b>	:	NM – 14	Sampling Method	:	IS: 9989 : 1981	
<b>GPS Location</b>	:	22°50'21.71"N, 69°43'48	22°50'21.71"N, 69°43'48.24"E			
UERL ID No.	:	APSEZ/N-14/22/09/014				
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014				

### Result:

C+ No	Hour	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	59.8	22:00 to 23:00	61.3
2.	07:00 to 08:00	61.3	23:00 to 24:00	59.7
3.	08:00 to 09:00	63.5	24:00 to 01:00	55.5
4.	09:00 to 10:00	62.7	01:00 to 02:00	56.9
5.	10:00 to 11:00	62.8	02:00 to 03:00	59.4
6.	11:00 to 12:00	63.9	03:00 to 04:00	60.3
7.	12:00 to 13:00	63.2	04:00 to 05:00	58.4
8.	13:00 to 14:00	Environn 63.7 and Roco in	05:00 to 06:00	62.7
9.	14:00 to 15:00	61.3	Average	59.2
10.	15:00 to 16:00	66.8	Maximum	62.7
11.	16:00 to 17:00	63.3	Minimum	55.5
12.	17:00 to 18:00	63		
13.	18:00 to 19:00	63.5		
14.	19:00 to 20:00	61.2		
15.	20:00 to 21:00	59		
16.	21:00 to 22:00	58.4		
	Average	62.3		

Area Code	Category of Area/Zone	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Int	Opinion & Interpretation (if required):						

\*\*\*\*\* End of Report \*\*\*\*\*

66.8

58.4

**Checked By:** 

Maximum

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Authorized By:

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

QCI-NABET Accredited EIA Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

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ISO 45001:2018 Certified Company

## TEST REPORT (AMBIENT NOISE LEVEL MONITORING)

(AMBIENT NOISE LEVEL MONTONING)						
Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.				
		Village – Nanakapaya,	Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.				
Month of Monitoring	••	October-2022	October-2022 Date of Monitoring : 31-10-2022			
Name of Location	••	Shantivan Colony Nr. STP				
Location Code	••	NM - 08	Sampling Method	:	IS: 9989 : 1981	
GPS Location	:	22°51'14.64"N, 69°41'14	22°51'14.64"N, 69°41'14.74"E			
UERL ID No.	:	APSEZ/N-08/22/09/008				
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014				

### Result:

Cu No	Harri	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	nour	Night Time
1.	06:00 to 07:00	61.2	22:00 to 23:00	60.9
2.	07:00 to 08:00	65.4	23:00 to 24:00	61.2
3.	08:00 to 09:00	64.2	24:00 to 01:00	60.3
4.	09:00 to 10:00	63.4	01:00 to 02:00	60.8
5.	10:00 to 11:00	69.6	02:00 to 03:00	61.8
6.	11:00 to 12:00	65.2	03:00 to 04:00	61.2
7.	12:00 to 13:00	61.8	04:00 to 05:00	62.8
8.	13:00 to 14:00	Environm65.5 and Research	05:00 to 06:00	62.4
9.	14:00 to 15:00	60.7	Average	61.4
10.	15:00 to 16:00	64.1	Maximum	62.9
11.	16:00 to 17:00	61.4	Minimum	60.3
12.	17:00 to 18:00	68.3		
13.	18:00 to 19:00	68.9		
14.	19:00 to 20:00	65.2		
15.	20:00 to 21:00	64.3		
16.	21:00 to 22:00	59.1		
	Average	64.3		
	Maximum	69.6		

Area Code	Category of Area/Zone	Limit in dB (A) Leq						
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)					
(A)	Industrial area	75	70					
Remarks:	Remarks:							
Opinion & Int	Opinion & Interpretation (if required):							

59.1

**Checked By:** 

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\*

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

QCI-NABET Accredited EIA Consultant Organization

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ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

## TEST REPORT (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	October-2022 Date of Monitoring : 25-10-2022			25-10-2022
Name of Location	:	Adani Guest House (Mundra Town)			
<b>Location Code</b>	:	NM – 14	Sampling Method	:	IS: 9989 : 1981
GPS Location	:	22°50'21.71"N, 69°43'48	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/N-14/22/09/014			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

### Result:

Cr. No.	Have	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	nour	Night Time
1.	06:00 to 07:00	59.9	22:00 to 23:00	59.9
2.	07:00 to 08:00	63.4	23:00 to 24:00	54.3
3.	08:00 to 09:00	66.1	24:00 to 01:00	52.7
4.	09:00 to 10:00	64.8	01:00 to 02:00	56.4
5.	10:00 to 11:00	68.3	02:00 to 03:00	54.3
6.	11:00 to 12:00	68.9	03:00 to 04:00	58.3
7.	12:00 to 13:00	64.3	04:00 to 05:00	58.6
8.	13:00 to 14:00	Environm66.3 and Recount	05:00 to 06:00	55.9
9.	14:00 to 15:00	67.8	Average	56.3
10.	15:00 to 16:00	64.5	Maximum	59.9
11.	16:00 to 17:00	62.8	Minimum	52.7
12.	17:00 to 18:00	65.6	,	
13.	18:00 to 19:00	61.5		
14.	19:00 to 20:00	61.3		
15.	20:00 to 21:00	60.5		
16.	21:00 to 22:00	60.4		
	Average	64.2		
	Maximum	68.9		

Area Code	Catagory of Area/Zone	Limit in dB (A) Leq			
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)		
(A)	Industrial area	75	70		
Remarks:					

59.9

**Checked By:** 

Opinion & Interpretation (if required):

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\*

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 45001:2018 Certified Company

## **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

	(/ 111512111 110102 22 12 11101111 0 111110)					
Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.				
		Village – Nanakapaya,				
		TAL MUNDRA, DIST KUTCH - 370421.				
Month of Monitoring	••	November-2022	November-2022 Date of Monitoring : 05-11-2022			
Name of Location	••	Shantivan Colony Nr. STP				
Location Code	••	NM - 08	NM - 08 Sampling Method : IS: 9989 : 1981			
GPS Location	:	22°51'14.64"N, 69°41'14.74"E				
UERL ID No.	:	APSEZ/N-08/22/11/008				
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014				

### Result:

Cr No	Ноим	Noise Level Leq. dB(A)	Цоль	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	61.3	22:00 to 23:00	58.3
2.	07:00 to 08:00	64.7	23:00 to 24:00	56.3
3.	08:00 to 09:00	61.5	24:00 to 01:00	57.6
4.	09:00 to 10:00	64.7	01:00 to 02:00	56.6
5.	10:00 to 11:00	63.4	02:00 to 03:00	58.8
6.	11:00 to 12:00	67.8	03:00 to 04:00	58.1
7.	12:00 to 13:00	63.3	04:00 to 05:00	60.4
8.	13:00 to 14:00	Environm60.7 and Roco in	05:00 to 06:00	58.4
9.	14:00 to 15:00	59.8	Average	58.1
10.	15:00 to 16:00	63.1	Maximum	60.4
11.	16:00 to 17:00	60.6	Minimum	56.3
12.	17:00 to 18:00	60.9		
13.	18:00 to 19:00	58.5		
14.	19:00 to 20:00	61.2		
15.	20:00 to 21:00	67.3		
16.	21:00 to 22:00	63.6		
	Average	62.7		

Area Code	Catagory of Avec /Zone	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Interpretation (if required):							

67.8

58.5

Checked By:

Maximum

Minimum

\*\*\*\*\* End of Report \*\*\*\*\*

Nikunj D. Patel

(Chemist)
Page No.: 1 of 1

**Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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ISO 9001:2015 **Certified Company** 

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring		November-2022 Date of Monitoring : 29-11-2022			
Name of Location	••	Adani Guest House (Mundra Town)			
<b>Location Code</b>	••	NM – 14	Sampling Method	:	IS: 9989 : 1981
GPS Location	••	22°50'21.71"N, 69°43'48	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	:	APSEZ/N-14/22/11/014			
Instrument Used for Monitoring	••	SLM-100 , 269 DTF 2014			

### Result .

C+ No	Have	Noise Level Leq. dB(A)	House	Noise Level Leq. dB(A)
3r. NO.	Sr. No. Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	61.6	22:00 to 23:00	58.6
2.	07:00 to 08:00	63.8	23:00 to 24:00	56.2
3.	08:00 to 09:00	64.9	24:00 to 01:00	56.8
4.	09:00 to 10:00	63.7	01:00 to 02:00	54.3
5.	10:00 to 11:00	62.1	02:00 to 03:00	58.4
6.	11:00 to 12:00	64.5	03:00 to 04:00	59.5
7.	12:00 to 13:00	64.7	04:00 to 05:00	56.9
8.	13:00 to 14:00	Environm62.8 and Recons	05:00 to 06:00	58.2
9.	14:00 to 15:00	61.1	Average	57.4
10.	15:00 to 16:00	64.8	Maximum	59.5
11.	16:00 to 17:00	63.9	Minimum	54.3
12.	17:00 to 18:00	63.6		
13.	18:00 to 19:00	62.1		
14.	19:00 to 20:00	62.8		
15.	20:00 to 21:00	60.2		
16.	21:00 to 22:00	59.9		
	Average	62.9		
	Maximum	64.9		

Area Code	Category of Area/Zone	Limit in dB (A) Leq					
Area Code		Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Interpretation (if required):							

59.9

**Checked By:** 

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\*

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

	(*************************************					
Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.				
		Village – Nanakapaya,				
		TAL MUNDRA, DIST KUTCH - 370421.				
Month of Monitoring	:	December-2022 Date of Monitoring : 29-12-2022				
Name of Location	:	Shantivan Colony Nr. STP				
Location Code	:	NM - 08	Sampling Method	:	IS: 9989 : 1981	
GPS Location	:	22°51'14.64"N, 69°41'14.74"E				
UERL ID No.	:	APSEZ/N-08/22/12/008				
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014				

### Result :

Cr No	Hour	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	61.5	22:00 to 23:00	62.7
2.	07:00 to 08:00	62.8	23:00 to 24:00	58.5
3.	08:00 to 09:00	64.6	24:00 to 01:00	60.6
4.	09:00 to 10:00	62.9	01:00 to 02:00	62.6
5.	10:00 to 11:00	64.8	02:00 to 03:00	61.0
6.	11:00 to 12:00	65.2	03:00 to 04:00	58.9
7.	12:00 to 13:00	63.2	04:00 to 05:00	58.4
8.	13:00 to 14:00	Environm60.7 and Racour	05:00 to 06:00	62.3
9.	14:00 to 15:00	62.7	Average	60.6
10.	15:00 to 16:00	67.5	Maximum	62.7
11.	16:00 to 17:00	62.4	Minimum	58.4
12.	17:00 to 18:00	59.7		
13.	18:00 to 19:00	58.5		
14.	19:00 to 20:00	63.2		
15.	20:00 to 21:00	60.4		
16.	21:00 to 22:00	60.4		
	Average	62.5		

Area Code	Cotogowy of Avec /Zone	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Interpretation (if required):							

67.5

58.5

Maximum

Minimum

\*\*\*\*\* End of Report \*\*\*\*\*

Nikunj D. Patel (Chemist) Page No.: 1 of 1

**Checked By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	December-2022 Date of Monitoring : 31-12-2022			31-12-2022
Name of Location	••	Adani Guest House (Mundra Town)			
<b>Location Code</b>	••	NM – 14	Sampling Method	:	IS: 9989 : 1981
GPS Location	••	22°50'21.71"N, 69°43'48.24"E			
UERL ID No.	••	APSEZ/N-14/22/12/014			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014	ļ		

### Result:

Cu No	Поли	Noise Level Leq. dB(A)	Have	Noise Level Leq. dB(A)
Sr. No. Hour	Day Time	Hour	Night Time	
1.	06:00 to 07:00	59.8	22:00 to 23:00	57.8
2.	07:00 to 08:00	61.3	23:00 to 24:00	59.6
3.	08:00 to 09:00	62.7	24:00 to 01:00	61.4
4.	09:00 to 10:00	64.4	01:00 to 02:00	60.8
5.	10:00 to 11:00	63.8	02:00 to 03:00	60.5
6.	11:00 to 12:00	62.9	03:00 to 04:00	58.1
7.	12:00 to 13:00	64.5	04:00 to 05:00	59.5
8.	13:00 to 14:00	Environm64.8 and Record	05:00 to 06:00	60.9
9.	14:00 to 15:00	63.5	Average	59.8
10.	15:00 to 16:00	66.1	Maximum	61.4
11.	16:00 to 17:00	64.7	Minimum	57.8
12.	17:00 to 18:00	65.5		
13.	18:00 to 19:00	62.6		
14.	19:00 to 20:00	61.8		
15.	20:00 to 21:00	59.3		
16.	21:00 to 22:00	60.3		
	Average	63.0		
·	Maximum	66.1		

Avec Code	Cotogony of Area/Zono	Limit in dB (A) Leq				
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)			
(A)	Industrial area	75	70			
Remarks:						

59.3

**Checked By:** 

Opinion & Interpretation (if required):

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\*

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 45001:2018 Certified Company

### TEST REPORT

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	January - 2023 <b>Date of Monitoring</b> : 30-01-2023			
Name of Location	:	Shantivan Colony Nr. STP			
<b>Location Code</b>	:	NM - 08	Sampling Method	:	IS: 9989 : 1981
GPS Location	:	22°51'14.64"N, 69°41'14.74"E			
UERL ID No.	:	APSEZ/N-08/23/01/008			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

### Result :

Cu No	Have	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	61.2	22:00 to 23:00	61.3
2.	07:00 to 08:00	63.8	23:00 to 24:00	59.7
3.	08:00 to 09:00	64.8	24:00 to 01:00	60.6
4.	09:00 to 10:00	61.3	01:00 to 02:00	63.2
5.	10:00 to 11:00	65.7	02:00 to 03:00	61.6
6.	11:00 to 12:00	66.9	03:00 to 04:00	59.8
7.	12:00 to 13:00	64.3	04:00 to 05:00	58.4
8.	13:00 to 14:00	Environm61.3 and Roco in	05:00 to 06:00	61.4
9.	14:00 to 15:00	65.8	Average	60.8
10.	15:00 to 16:00	64.3	Maximum	63.2
11.	16:00 to 17:00	68.4	Minimum	58.4
12.	17:00 to 18:00	60.4		
13.	18:00 to 19:00	64.8		
14.	19:00 to 20:00	61.3		
15.	20:00 to 21:00	63.7		
16.	21:00 to 22:00	64.7		
	Average	63.9		

Area Code	Catagory of Area/Zone	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Int	Opinion & Interpretation (if required):						

68.4

60.4

\*\*\*\*\* End of Report \*\*\*\*\*

Maximum

Minimum

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 **Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### TEST REPORT

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	January - 2023 <b>Date of Monitoring</b> : 31-01-2023			
Name of Location	:	Adani Guest House (Mundra Town)			
Location Code	:	NM – 14	NM – 14 Sampling Method : IS: 9989 : 1981		
<b>GPS Location</b>	:	22°50'21.71"N, 69°43'48.24"E			
UERL ID No.	:	APSEZ/N-14/23/01/014			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

### Result :

C+ No	Have	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	61.8	22:00 to 23:00	59.2
2.	07:00 to 08:00	63.2	23:00 to 24:00	60.7
3.	08:00 to 09:00	62.7	24:00 to 01:00	57.4
4.	09:00 to 10:00	64.2	01:00 to 02:00	61.3
5.	10:00 to 11:00	63.8	02:00 to 03:00	60.2
6.	11:00 to 12:00	63.8	03:00 to 04:00	59.4
7.	12:00 to 13:00	64.5	04:00 to 05:00	60.6
8.	13:00 to 14:00	Environn 65.8 and Roca in	05:00 to 06:00	60.8
9.	14:00 to 15:00	62.1	Average	60.0
10.	15:00 to 16:00	68.5	Maximum	61.3
11.	16:00 to 17:00	67.2	Minimum	57.4
12.	17:00 to 18:00	65.5		
13.	18:00 to 19:00	64.9		
14.	19:00 to 20:00	63.4		
15.	20:00 to 21:00	59.3		
16.	21:00 to 22:00	63.7		
	Average	64.0		

Area Code	Category of Area/Zone	Limit in dB (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)				
(A)	Industrial area	75	70				
Remarks:							
Opinion & Int	Opinion & Interpretation (if required):						

\*\*\*\*\* End of Report \*\*\*\*\*

68.5

59.3

**Checked By:** 

Maximum

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Haveles

**Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Vapi-396 195, Gujarat, India. Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# TEST REPORT (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	February - 2023			
Name of Location	:	Shantivan Colony Nr. STP			
<b>Location Code</b>	:	NM - 08	Sampling Method	:	IS: 9989 : 1981
GPS Location	:	22°51'14.64"N, 69°41'14	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/N-08/23/02/008			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014	<u>.</u>		

### Result :

C. No	Have	Noise Level Leq. dB(A)		Noise Level Leq. dB(A)	
Sr. No.	Hour	Day Time Hour	Hour	Night Time	
1.	06:00 to 07:00	61.9	22:00 to 23:00	57.8	
2.	07:00 to 08:00	63.8	23:00 to 24:00	56.3	
3.	08:00 to 09:00	63.6	24:00 to 01:00	57.6	
4.	09:00 to 10:00	65.9	01:00 to 02:00	58.3	
5.	10:00 to 11:00	61.3	02:00 to 03:00	57.1	
6.	11:00 to 12:00	68.5	03:00 to 04:00	59.5	
7.	12:00 to 13:00	64.2	04:00 to 05:00	59.2	
8.	13:00 to 14:00	Environn 62.6 and Rocaling	05:00 to 06:00	58.9	
9.	14:00 to 15:00	63.3	Average	58.1	
10.	15:00 to 16:00	66.1	Maximum	59.5	
11.	16:00 to 17:00	64.8	Minimum	56.3	
12.	17:00 to 18:00	61.2			
13.	18:00 to 19:00	60.9			
14.	19:00 to 20:00	64.7			
15.	20:00 to 21:00	67.3			
16.	21:00 to 22:00	62.4			
	Average	63.9			

Area Code	Catagory of Area/Zone	Limit in d	lB (A) Leq			
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)			
(A)	Industrial area	75	70			
Remarks:						
Opinion & Int	Opinion & Interpretation (if required):					

\*\*\*\*\* End of Report \*\*\*\*\*

68.5

60.9

**Checked By:** 

Maximum

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 45001:2018 Certified Company

# TEST REPORT (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	February - 2023 Date of Monitoring : 28-02-2023			
Name of Location	:	Adani Guest House (Mundra Town)			
<b>Location Code</b>	:	NM – 14	Sampling Method	:	IS: 9989 : 1981
GPS Location	••	22°50'21.71"N, 69°43'48	22°50'21.71"N, 69°43'48.24"E		
UERL ID No.	••	APSEZ/N-14/23/02/014			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

### Result :

C+ No	Have	Noise Level Leq. dB(A)	Hour	Noise Level Leq. dB(A)	
Sr. No.	Hour	Day Time	Hour	Night Time	
1.	06:00 to 07:00	62.2	22:00 to 23:00	59.7	
2.	07:00 to 08:00	61.8	23:00 to 24:00	56.3	
3.	08:00 to 09:00	63.2	24:00 to 01:00	58.5	
4.	09:00 to 10:00	65.9	01:00 to 02:00	54.9	
5.	10:00 to 11:00	64.2	02:00 to 03:00	57.4	
6.	11:00 to 12:00	67.8	03:00 to 04:00	56.2	
7.	12:00 to 13:00	65.3	04:00 to 05:00	56.9	
8.	13:00 to 14:00	Environn 64.7 and Recours	05:00 to 06:00	57.1	
9.	14:00 to 15:00	63.9	Average	57.1	
10.	15:00 to 16:00	65.9	Maximum	59.7	
11.	16:00 to 17:00	64.2	Minimum	54.9	
12.	17:00 to 18:00	63.6			
13.	18:00 to 19:00	61.7			
14.	19:00 to 20:00	62.8			
15.	20:00 to 21:00	63.2			
16.	21:00 to 22:00	61.7			
	Average	63.9			
	Maximum	67.8			

Area Code	Category of Area/Zone	Limit in dB (A) Leq						
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)					
(A)	Industrial area	75	70					
Remarks:	Remarks:							
Opinion & Int	Opinion & Interpretation (if required):							

61.7

**Checked By:** 

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\*

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 9001:2015 **Certified Company** 

ISO 45001:2018 Certified Company

### **TEST REPORT** (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,			
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	March - 2023 <b>Date of Monitoring</b> : 30-03-2023			
Name of Location	:	Shantivan Colony Nr. STP			
<b>Location Code</b>	••	NM - 08	NM - 08 <b>Sampling Method</b> : IS: 9989 : 1981		
GPS Location	:	22°51'14.64"N, 69°41'14	22°51'14.64"N, 69°41'14.74"E		
UERL ID No.	:	APSEZ/N-08/23/03/008			
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014			

Cr No	Цоли	Noise Level Leq. dB(A)	Цоль	Noise Level Leq. dB(A)
Sr. No.	. Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	62.8	22:00 to 23:00	58.1
2.	07:00 to 08:00	65.3	23:00 to 24:00	59.2
3.	08:00 to 09:00	67.3	24:00 to 01:00	59.8
4.	09:00 to 10:00	62.7	01:00 to 02:00	57.5
5.	10:00 to 11:00	63.8	02:00 to 03:00	58.5
6.	11:00 to 12:00	65.4	03:00 to 04:00	60.4
7.	12:00 to 13:00	66.9	04:00 to 05:00	56.7
8.	13:00 to 14:00	Environ 64.2 and Raga m	05:00 to 06:00	56.5
9.	14:00 to 15:00	63.3	Average	58.3
10.	15:00 to 16:00	66.1	Maximum	60.4
11.	16:00 to 17:00	61.9	Minimum	56.5
12.	17:00 to 18:00	64.8		
13.	18:00 to 19:00	63.2		
14.	19:00 to 20:00	65.4		
15.	20:00 to 21:00	63.2		
16.	21:00 to 22:00	61.2		
	Average	64.2		
	Maximum	67.3		

Area Code	B (A) Leq					
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)			
(A)	Industrial area	75	70			
Remarks:						
Opinion & Int	Opinion & Interpretation (if required):					

61.2

Minimum

\*\*\*\*\* End of Report \*\*\*\*\*

Nikunj D. Patel (Chemist)

**Checked By:** 

Page No.: 1 of 1

**Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 45001:2018 Certified Company

## TEST REPORT

### (AMBIENT NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & S	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,				
		TAL MUNDRA, DIST KUTCH - 370421.				
Month of Monitoring	:	March - 2023	Date of Monitoring	:	31-03-2023	
Name of Location	:	Adani Guest House (Mundra Town)				
Location Code	:	NM – 14	Sampling Method	:	IS: 9989 : 1981	
GPS Location	••	22°50'21.71"N, 69°43'48.24"E				
UERL ID No.	:	APSEZ/N-14/23/03/014				
Instrument Used for Monitoring	:	SLM-100 , 269 DTF 2014				

### Result:

C+ No	Have	Noise Level Leq. dB(A)	Harri	Noise Level Leq. dB(A)
Sr. No.	Hour	Day Time	Hour	Night Time
1.	06:00 to 07:00	61.3	22:00 to 23:00	57.4
2.	07:00 to 08:00	63.8	23:00 to 24:00	59.3
3.	08:00 to 09:00	67.3	24:00 to 01:00	56.2
4.	09:00 to 10:00	64.3	01:00 to 02:00	56.9
5.	10:00 to 11:00	62.1	02:00 to 03:00	59.5
6.	11:00 to 12:00	63.8	03:00 to 04:00	59.2
7.	12:00 to 13:00	61.4	04:00 to 05:00	58.1
8.	13:00 to 14:00	Environn 66.9 and Receipton	05:00 to 06:00	56.7
9.	14:00 to 15:00	62.7	Average	57.9
10.	15:00 to 16:00	64.3	Maximum	59.5
11.	16:00 to 17:00	65.7	Minimum	56.2
12.	17:00 to 18:00	68.2		
13.	18:00 to 19:00	63.8		
14.	19:00 to 20:00	61.3		
15.	20:00 to 21:00	65.4		
16.	21:00 to 22:00	61.8		
	Average	64.0		
	Maximum	68.2		

Area Code	Category of Area/Zone	Limit in dB (A) Leq			
Area Code	Category of Area/Zone	Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)		
(A)	Industrial area	75	70		
Remarks:					

61.3

Checked By:

Opinion & Interpretation (if required):

Minimum

Nikunj D. Patel (Chemist) Page No.: 1 of 1 \*\*\*\*\* End of Report \*\*\*\*\*

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-18/03

**Authorized By:** 



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 45001:2018 Certified Company

### **TEST REPORT**

Report No.	URC /22/04/STP/APL-0004			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/04/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	12/04/2022	Sample Received Date	13/04/2022	
Test Started Date	13/04/2022	Test Completion Date	20/04/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/04/STP/APL-0004	_		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.26
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	52
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	78

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /22/04/STP/APL-0005		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/04/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	12/04/2022	Sample Received Date	13/04/2022
Test Started Date	13/04/2022	Test Completion Date	20/04/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/04/STP/APL-0005		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.38
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 °C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	16
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.8

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

	Т	(			
Report No.	:	URB/22/04/STP/MIC/APL-0006			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	21/04/2022
Address of		Village – Nanakapaya,	Customer's Ref.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's ker.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	12/04/2022	Sample Receipt Date	:	13/04/2022
Test Start Date	:	13/04/2022	Test Completion Date	:	21/04/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/04/STP/MIC/APL-0006			•

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	26	

Remarks: Environment and Research Labs Pvt. Ltd.		Remarks:	
--	--	----------	--

Opinions and	Interpretations:	(if required	)
<b>-</b> p		/	,

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /22/04/STP/APL-0007				
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village — Nanakapaya,  TAL MUNDRA, DIST KUTCH - 370421.	Date of Report	21/04/2022		
		Customer's Ref.	As Per W.O.		
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD		
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>		
Sampling Date	12/04/2022	Sample Received Date	13/04/2022		
Test Started Date	13/04/2022	Test Completion Date	20/04/2022		
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116		
UERL Lab ID. No.	22/04/STP/APL-0007				

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.26
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	56
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	48

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel)
(Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/04/STP/APL-0008		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	21/04/2022
or company	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	12/04/2022	Sample Received Date	13/04/2022
Test Started Date	13/04/2022	Test Completion Date	20/04/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/04/STP/APL-0008		

#### **TEST RESULTS:**

Sr. No.	Parameters Test Method GPCB Limit		Unit of Measurement	Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.44
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	26
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.6

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

(					
Report No.	:	URB/22/04/STP/MIC/APL-0009			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	21/04/2022
Address of		Village – Nanakapaya,	Customer's Ref.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	12/04/2022	Sample Receipt Date	:	13/04/2022
Test Start Date	:	13/04/2022	Test Completion Date	:	21/04/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/04/STP/MIC/APL-0009			•

#### **TEST RESULTS:**

DISC	IPLINE : Biological Testi	ng	NAME OF GROUP: Pollution and Environment				
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results		
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	90		

Remarks:	Environment and Research Labs Pvt. Ltd.	
Opinions and Interpret	ations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/04/STP/APL-0028		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	04/05/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	25/04/2022	Sample Received Date	26/04/2022
Test Started Date	26/04/2022	Test Completion Date	03/05/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/04/STP/APL-0028	_	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.13
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	48
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	58

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Hol

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/04/STP/APL-0029		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	04/05/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	25/04/2022	Sample Received Date	26/04/2022
Test Started Date	26/04/2022	Test Completion Date	03/05/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/04/STP/APL-0029		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.52
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	22
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	14
4.	Residual chlorine	АРНА 23 <sup>rd</sup> Ed.,2017,4500-Cl-В	Min.0.5	mg/L	0.7

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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# Test Report (Microbiology)

(**************************************						
Report No.	:	URB/22/04/STP/MIC/APL-0030				
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	04/05/2022	
Address of		Village – Nanakapaya,	Customer's Ref.	1		
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's ker.	ŀ		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 250 KLD	
Sample Qty.	:	500ml	Appearance	:	Colourless	
Sampling Date	:	25/04/2022	Sample Receipt Date	:	26/04/2022	
Test Start Date	:	26/04/2022	Test Completion Date	:	04/05/2022	
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03	
UERL Lab ID. No.	:	22/04/STP/MIC/APL-0030				

#### **TEST RESULTS:**

DISC	IPLINE : Biological	Testing	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	40	

Remarks:		
Opinions and Interpretat	ions: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/04/STP/APL-0031				
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	04/05/2022		
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.		
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD		
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>		
Sampling Date	25/04/2022	Sample Received Date	26/04/2022		
Test Started Date	26/04/2022	Test Completion Date	03/05/2022		
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116		
UERL Lab ID. No.	22/04/STP/APL-0031				

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
4.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.19
5.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	41
6.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	52

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel)
(Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/04/STP/APL-0032		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	04/05/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	25/04/2022	Sample Received Date	26/04/2022
Test Started Date	26/04/2022	Test Completion Date	03/05/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/04/STP/APL-0032	_	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
5.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.55
6.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	22
7.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
8.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.7

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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# Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/22/04/STP/MIC/APL-0033			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	04/05/2022
Address of		Village – Nanakapaya,	Customs and a Dod	Ī.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	25/04/2022	Sample Receipt Date	:	26/04/2022
Test Start Date	:	26/04/2022	Test Completion Date	:	04/05/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/04/STP/MIC/APL-0033	-		•

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing		NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Unit Of Measurement Resul		Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	70

Remarks:	Environment and Research Labs Pvt. Ltd.

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0004		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA,	Date of Report	19/05/2022
	DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	10/05/2022	Sample Received Date	11/05/2022
Test Started Date	11/05/2022	Test Completion Date	18/05/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/05/STP/APL-0004	_	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.56
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	44
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	86

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0005		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	19/05/2022
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	10/05/2022	Sample Received Date	11/05/2022
Test Started Date	11/05/2022	Test Completion Date	18/05/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/05/STP/APL-0005	_	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.48
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	20
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.77

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

(**************************************					
Report No.	:	URB/22/05/STP/MIC/APL-0006			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	19/05/2022
Address of		Village – Nanakapaya,	Customer's Ref.	١.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	10/05/2022	Sample Receipt Date	:	11/05/2022
Test Start Date	:	11/05/2022	Test Completion Date	:	19/05/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/05/STP/MIC/APL-0006			

#### **TEST RESULTS:**

DISC	IPLINE : Biological Testing NAME OF GROUP: Pollution and Environment				
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	22

	Remarks:	Environment and Research Labs Pvt. Ltd.
--	----------	---

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0007		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	19/05/2022
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>
Sampling Date	10/05/2022	Sample Received Date	11/05/2022
Test Started Date	11/05/2022	Test Completion Date	18/05/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/05/STP/APL-0007		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.52
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	74
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	74

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0008		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	19/05/2022
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	10/05/2022	Sample Received Date	11/05/2022
Test Started Date	11/05/2022	Test Completion Date	18/05/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/05/STP/APL-0008		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.19
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	16
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.57

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

(						
Report No.	Report No. : URB/22/05/STP/MIC/APL-0009					
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	19/05/2022	
Address of		Village – Nanakapaya,	Customer's Ref.			
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	•		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-350KLD	
Sample Qty.	:	500ml	Appearance	:	Colourless	
Sampling Date	:	10/05/2022	Sample Receipt Date	:	11/05/2022	
Test Start Date	:	11/05/2022	Test Completion Date	:	19/05/2022	
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03	
UERL Lab ID. No.	:	22/05/STP/MIC/APL-0009				

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing NAME OF GROUP: Pollution and Environment					
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	110

Remarks:		
Opinions and Interpretat	ions: (if required)	

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0028		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	07/06/2022
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	30/05/2022	Sample Received Date	31/05/2022
Test Started Date	31/05/2022	Test Completion Date	07/06/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/05/STP/APL-0028		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.44
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	48
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	74

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

(Nitin B. Tandel)

**Authorized By** 

(Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0029			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	07/06/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	30/05/2022	Sample Received Date	31/05/2022	
Test Started Date	31/05/2022	Test Completion Date	07/06/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/05/STP/APL-0029		•	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.35
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	17
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.77

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

	1	(0.1			
Report No.	:	URB/22/05/STP/MIC/APL-0030			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	07/06/2022
Address of		Village – Nanakapaya,	Customer's Ref.	1.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer sixer.		-
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 250 KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	30/05/2022	Sample Receipt Date	:	31/05/2022
Test Start Date	:	31/05/2022	Test Completion Date	:	07/06/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/05/STP/MIC/APL-0030		-	

#### **TEST RESULTS:**

DISC	IPLINE : Biological	Testing	NAME OF GROUP: Pollution	on and Environment	
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	34

Remarks:	Environment and Research Labs Pvt. Ltd.
Opinions and Interpretation	s: (if required)

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0031		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	07/06/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>
Sampling Date	30/05/2022	Sample Received Date	31/05/2022
Test Started Date	31/05/2022	Test Completion Date	07/06/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/05/STP/APL-0031	-	

#### **TEST RESULTS:**

Sr. No.	Parameters Test Method		Unit of Measurement	Results
4.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.46
5.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	66
6.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	58

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

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Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0032		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	07/06/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	30/05/2022	Sample Received Date	31/05/2022
Test Started Date	31/05/2022	Test Completion Date	07/06/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/05/STP/APL-0032		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
5.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.35
6.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	26
7.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
8.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.96

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/22/05/STP/MIC/APL-0033			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	07/06/2022
Address of		Village – Nanakapaya,	Customer's Ref.	l.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	ŀ	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	30/05/2022	Sample Receipt Date	:	31/05/2022
Test Start Date	:	31/05/2022	Test Completion Date	:	07/06/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/05/STP/MIC/APL-0033		-	

#### **TEST RESULTS:**

DISC	IPLINE : Biological	Testing	NAME OF GROUP: Pollu	ution and Environment	
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	80

Remarks:	

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0004			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA,	Date of Report	25/06/2022	
	DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	16/06/2022	Sample Received Date	17/06/2022	
Test Started Date	17/06/2022	Test Completion Date	24/06/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/05/STP/APL-0004			

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.12
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	66
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	88

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0005			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya,	Date of Report	25/06/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	16/06/2022	Sample Received Date	17/06/2022	
Test Started Date	17/06/2022	Test Completion Date	24/06/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/05/STP/APL-0005			

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.19
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	26
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	19
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.87
Remar	ks:				
Opinio	on & Interpretation (If required):				

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

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Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### Test Report (Microbiology)

Report No.	:	URB/22/05/STP/MIC/APL-0006	_		_
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	25/06/2022
Address of		Village – Nanakapaya,	Customer's Ref.	١.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's ker.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	16/06/2022	Sample Receipt Date	:	17/06/2022
Test Start Date	:	17/06/2022	Test Completion Date	:	25/06/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/05/STP/MIC/APL-0006	•		•

#### **TEST RESULTS:**

DISC	IPLINE : Biological Testi	Biological Testing NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	30

Remarks:	Environment and Research Labs Pvt. Ltd.

Opinions and Interpretations: (if require
---

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0007			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya,	Date of Report	25/06/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	Dusty Color	
Sampling Date	16/06/2022	Sample Received Date	17/06/2022	
Test Started Date	17/06/2022	Test Completion Date	24/06/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/05/STP/APL-0007			

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.18
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	54
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	44

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0008			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	25/06/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	16/06/2022	Sample Received Date	17/06/2022	
Test Started Date	17/06/2022	Test Completion Date	24/06/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/05/STP/APL-0008	-		

#### **TEST RESULTS:**

Sr. Parameters		Parameters Test Method GPCB Limit		Unit of Measurement	Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.42	
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	22	
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	20	
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.69	

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

Opinion & Interpretation (If required): --

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/22/05/STP/MIC/APL-0009			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	25/06/2022
Address of		Village – Nanakapaya,	Customer's Ref.	İ.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's Rei.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	16/06/2022	Sample Receipt Date	:	17/06/2022
Test Start Date	:	17/06/2022	Test Completion Date	:	25/06/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/05/STP/MIC/APL-0009			

#### **TEST RESULTS:**

DISC	IPLINE: Biological Tes	sting	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters Test Method		GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	80	

Remarks: Environment and Research Labs Pvt. Ltd.	
--	--

Opinions and Interpretations: (if required
--

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0028			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/07/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	28/06/2022	Sample Received Date	29/06/2022	
Test Started Date	29/06/2022	Test Completion Date	07/07/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/05/STP/APL-0028			

#### **TEST RESULTS:**

			Results
oH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.42
Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	46
Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	74
Bi	otal Suspended Solids ochemical Oxygen Demand (BOD) 5 days at 20 ° C)	otal Suspended Solids  APHA 23 <sup>rd</sup> Ed.,2017,2540 -D  ochemical Oxygen Demand (BOD)  5 days at 20 ° C)  APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	otal Suspended Solids  APHA 23 <sup>rd</sup> Ed.,2017,2540 -D  mg/L  ochemical Oxygen Demand (BOD)  5 days at 20 ° C)  APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6  mg/L

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel)
(Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0029			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya,	Date of Report	08/07/2022 As Per W.O.	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.		
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	28/06/2022	Sample Received Date	29/06/2022	
Test Started Date	29/06/2022	Test Completion Date	07/07/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/05/STP/APL-0029	_		

#### **TEST RESULTS:**

Sr. Parameters Test Method GPCB Limit Unit of Measurement Results										
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.24					
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	22					
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18					
4. Residual chlorine APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B Min.0.5 mg/L 0.69										
Remarks:										
Opinio	on & Interpretation (If required):									

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/22/05/STP/MIC/APL-0030			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	08/07/2022
Address of		Village – Nanakapaya,	Customer's Ref.	T.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's Ker.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 250 KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	28/06/2022	Sample Receipt Date	:	29/06/2022
Test Start Date	:	29/06/2022	Test Completion Date	:	07/07/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/05/STP/MIC/APL-0030			

#### **TEST RESULTS:**

DISC	CIPLINE : Biological Testing NAME OF GROUP: Pollution and Environment					
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	40	

Remarks:	Environment and Research Labs Pvt. Ltd.	
Opinions and Interp	retations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0031		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/07/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Dusty Color
Sampling Date	28/06/2022	Sample Received Date	29/06/2022
Test Started Date	29/06/2022	Test Completion Date	07/07/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/05/STP/APL-0031		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
4.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H†B		7.29
5.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	42
6.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	52

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

Opinion & Interpretation (If required): --

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/05/STP/APL-0032		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/07/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	28/06/2022	Sample Received Date	29/06/2022
Test Started Date	29/06/2022	Test Completion Date	07/07/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/05/STP/APL-0032	-	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results	
5.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.48	
6.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28	
7.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18	
8.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.87	
Remarks:						
Opinio	on & Interpretation (If required):					

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### Test Report (Microbiology)

	(				
Report No.	:	URB/22/05/STP/MIC/APL-0033			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	08/07/2022
Address of		Village – Nanakapaya,	Customor's Rof	T.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	28/06/2022	Sample Receipt Date	:	29/06/2022
Test Start Date	:	29/06/2022	Test Completion Date	:	07/07/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/05/STP/MIC/APL-0033			

#### **TEST RESULTS:**

DISC	DISCIPLINE : Biological Testing NAME OF GROUP: Pollution and Environment				
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	90

Remarks:	Environment and Research Labs Pvt. Ltd.

Opinions and Interpretations: (if required)	

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/07/STP/APL-0004		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA,	Date of Report	25/07/2022
	DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	15/07/2022	Sample Received Date	16/07/2022
Test Started Date	16/07/2022	Test Completion Date	23/07/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/07/STP/APL-0004		

#### TECT DECILITE.

Sr. No.	Parameters	Test Method	Unit of Measurement	Results		
1.	рН @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.44		
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	84		
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	92		
Remark	Remarks: Environment and Research Labs Pvt. Ltd.					

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/07/STP/APL-0005		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya,	Date of Report	25/07/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	15/07/2022	Sample Received Date	16/07/2022
Test Started Date	16/07/2022	Test Completion Date	23/07/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/07/STP/APL-0005	_	

#### TECT DECILITE.

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.38	
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24	
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	16	
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.52	
Remar	ks:					
Opinio	on & Interpretation (If required):					

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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### Test Report (Microbiology)

Report No.	:	URB/22/07/STP/MIC/APL-0006			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	25/07/2022
Address of		Village – Nanakapaya,	Customer's Ref.	İ.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's ker.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	15/07/2022	Sample Receipt Date	:	16/07/2022
Test Start Date	:	16/07/2022	Test Completion Date	:	25/07/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/07/STP/MIC/APL-0006			

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing		NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	34

Remarks:	Environment and Research Labs Pvt. Ltd.

Oi	ninions and	Interpretations:	(ii	f required	ı
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\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/07/STP/APL-0007			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya,	Date of Report	25/07/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	Dusty Color	
Sampling Date	15/07/2022	Sample Received Date	16/07/2022	
Test Started Date	16/07/2022	Test Completion Date	23/07/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/07/STP/APL-0007	_		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.42
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	64
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	64

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/07/STP/APL-0008		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya,	Date of Report	25/07/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	15/07/2022	Sample Received Date	16/07/2022
Test Started Date	16/07/2022	Test Completion Date	23/07/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/07/STP/APL-0008		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.44
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	17
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.76
Remar	ks:				

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

Opinion & Interpretation (If required): --

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## Test Report (Microbiology)

		\ 011			
Report No.	:	URB/22/07/STP/MIC/APL-0009			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	25/07/2022
Address of		Village – Nanakapaya,	Customer's Ref.	١.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's ker.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	15/07/2022	Sample Receipt Date	:	16/07/2022
Test Start Date	:	16/07/2022	Test Completion Date	:	25/07/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/07/STP/MIC/APL-0009		-	•

#### **TEST RESULTS:**

DISC	PLINE: Biological Tes	ting	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform IS 1622 : 1981 1000 MPN Index/100ml		MPN Index/100ml	70		

Remarks:	Environment and Research Labs Pvt. Ltd.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/07/STP/APL-0028		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	29/07/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	21/07/2022	Sample Received Date	22/07/2022
Test Started Date	22/07/2022	Test Completion Date	28/07/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/07/STP/APL-0028		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.64
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	104
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	98

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel)
(Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/07/STP/APL-0029		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya,	Date of Report	29/07/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	21/07/2022	Sample Received Date	22/07/2022
Test Started Date	22/07/2022	Test Completion Date	28/07/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/07/STP/APL-0029		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.42
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	26
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	15
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.62
Remar	ks:				
Opinio	on & Interpretation (If required):				

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## Test Report (Microbiology)

Report No.	:	URB/22/07/STP/MIC/APL-0030				
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	29/07/2022	
Address of		Village – Nanakapaya,	Customer's Ref.	Ī.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.			
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 250 KLD	
Sample Qty.	:	500ml	Appearance	:	Colourless	
Sampling Date	:	21/07/2022	Sample Receipt Date	:	22/07/2022	
Test Start Date	:	22/07/2022	Test Completion Date	:	28/07/2022	
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03	
UERL Lab ID. No.	:	22/07/STP/MIC/APL-0030				

#### **TEST RESULTS:**

			NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1 Fe	ecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	23	

Remarks:	Environment and Research Labs Pvt. Ltd.	
Opinions and Interpre	tations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/07/STP/APL-0031		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	29/07/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Dusty Color
Sampling Date	21/07/2022	Sample Received Date	22/07/2022
Test Started Date	22/07/2022	Test Completion Date	28/07/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/07/STP/APL-0031	_	

## **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
4.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H†B		7.46
5.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	60
6.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	57

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

Opinion & Interpretation (If required): --

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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#### **TEST REPORT**

Report No.	URC /22/07/STP/APL-0032		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	29/07/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	21/07/2022	Sample Received Date	22/07/2022
Test Started Date	22/07/2022	Test Completion Date	28/07/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/07/STP/APL-0032		

#### **TEST RESULTS:**

@ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.48
				7.40
al Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	22
hemical Oxygen Demand (BOD) days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
dual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.86
С	lays at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6 lays at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6 30 lays at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6 30 mg/L

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

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Authorized By

(Nitin B. Tandel) (Technical Manager)

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MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

White House, Near G.I.D.C. Office, Char Rasta, Vapi-396 195, Gujarat, India.

Phone: +91 260 2433966 / 2425610 Email: response@uerl.in Website: www.uerl.in

QCI-NABET Accredited EIA

Consultant Organization

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## Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/22/07/STP/MIC/APL-0033			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	29/07/2022
Address of		Village – Nanakapaya,	Customer's Ref.	T.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	ŀ	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	21/07/2022	Sample Receipt Date	:	22/07/2022
Test Start Date	:	22/07/2022	Test Completion Date	:	28/07/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/07/STP/MIC/APL-0033			

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing NAM		NAME OF GROUP: Poll	ution and Environment		
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	50

Opinions and Interpreta	ations: (if required)	
Remarks:		

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/08/STP/APL-0004			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	16/08/2022	
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	05/08/2022	Sample Received Date	06/08/2022	
Test Started Date	06/08/2022	Test Completion Date	13/08/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/08/STP/APL-0004		•	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.29
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	116
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	104

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/08/STP/APL-0005			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	16/08/2022	
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	05/08/2022	Sample Received Date	06/08/2022	
Test Started Date	06/08/2022	Test Completion Date	13/08/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/08/STP/APL-0005	_		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.24
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	22
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.66

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

		(			
Report No.	:	URB/22/08/STP/MIC/APL-0006			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	16/08/2022
Address of		Village – Nanakapaya,	Customer's Ref.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ker.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	05/08/2022	Sample Receipt Date	:	06/08/2022
Test Start Date	:	06/08/2022	Test Completion Date	:	16/08/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/08/STP/MIC/APL-0006			

#### **TEST RESULTS:**

DISC	IPLINE: Biological Testing	;	NAME OF GROUP: Polluti	ion and Environment	
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	60

	Environment and resolution Educative.
--	---------------------------------------

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/08/STP/APL-0007			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	16/08/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>	
Sampling Date	05/08/2022	Sample Received Date	06/08/2022	
Test Started Date	06/08/2022	Test Completion Date	13/08/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/08/STP/APL-0007			

## **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.52
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	52
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	64

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/08/STP/APL-0008		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	16/08/2022
,	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	05/08/2022	Sample Received Date	06/08/2022
Test Started Date	06/08/2022	Test Completion Date	13/08/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/08/STP/APL-0008	_	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.19
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	15
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.68

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## Test Report (Microbiology)

	(**************************************			
:	URB/22/08/STP/MIC/APL-0009			
:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	16/08/2022
	Village – Nanakapaya,	Customor's Dof		
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	•	
:	STP Outlet Water Sample	Location	:	SVC-350KLD
:	500ml	Appearance	:	Colourless
:	05/08/2022	Sample Receipt Date	:	06/08/2022
:	06/08/2022	Test Completion Date	:	16/08/2022
:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
:	22/08/STP/MIC/APL-0009			
	:	: URB/22/08/STP/MIC/APL-0009  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample : 500ml : 05/08/2022 : 06/08/2022 : UERL-LAB	: URB/22/08/STP/MIC/APL-0009  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample : 500ml	: URB/22/08/STP/MIC/APL-0009  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location : 500ml Appearance : 05/08/2022 Sample Receipt Date : 06/08/2022 Test Completion Date : UERL-LAB Sampling Method :

#### **TEST RESULTS:**

DISC	IPLINE : Biological Testi	ng	NAME OF GROUP: Poll	ution and Environment	
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	50

Remarks:		
Opinions and Interpretati	ons: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/08/STP/APL-0028			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	05/09/2022	
, ,	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	26/08/2022	Sample Received Date	27/08/2022	
Test Started Date	27/08/2022	Test Completion Date	03/09/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/08/STP/APL-0028			

#### **TEST RESULTS:**

Sr. No.	Parameters Test Method U		Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.48
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	76
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	92

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel)

Page 1 of 1

(Sr. Chemist)

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**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/08/STP/APL-0029			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	05/09/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	26/08/2022	Sample Received Date	27/08/2022	
Test Started Date	27/08/2022	Test Completion Date	03/09/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/08/STP/APL-0029	_		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method GPCB Limit		Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.42
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	20
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.78

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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# Test Report (Microbiology)

	(**************************************			
:	URB/22/08/STP/MIC/APL-0030			
:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	05/09/2022
	Village – Nanakapaya,	Customor's Dof	T.	
	TAL MUNDRA, DIST KUTCH - 370421.	customer's ker.		
:	STP Outlet Water Sample	Location	:	SVC 250 KLD
:	500ml	Appearance	:	Colourless
:	26/08/2022	Sample Receipt Date	:	27/08/2022
:	27/08/2022	Test Completion Date	:	03/09/2022
:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
:	22/08/STP/MIC/APL-0030		-	
	:	<ul> <li>URB/22/08/STP/MIC/APL-0030</li> <li>M/S. ADANI PORTS &amp; SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.</li> <li>STP Outlet Water Sample</li> <li>500ml</li> <li>26/08/2022</li> <li>27/08/2022</li> </ul>	: URB/22/08/STP/MIC/APL-0030  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location  : 500ml Appearance  : 26/08/2022 Sample Receipt Date  : 27/08/2022 Test Completion Date  : UERL-LAB Sampling Method	: URB/22/08/STP/MIC/APL-0030  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location : 500ml Appearance : 26/08/2022 Sample Receipt Date : 27/08/2022 Test Completion Date : UERL-LAB Sampling Method :

## **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Pollution and Environment		
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	40

Remarks:	Environment and Research Labs Pvt. Ltd.
Opinions and Interpretation	s: (if required)

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/08/STP/APL-0031		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	05/09/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>
Sampling Date	26/08/2022	Sample Received Date	27/08/2022
Test Started Date	27/08/2022	Test Completion Date	03/09/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/08/STP/APL-0031		

## **TEST RESULTS:**

Sr. No.	Parameters	Parameters Test Method U		Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.41
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	68
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	84

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel)
(Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/08/STP/APL-0032			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	05/09/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	26/08/2022	Sample Received Date	27/08/2022	
Test Started Date	27/08/2022	Test Completion Date	03/09/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/08/STP/APL-0032	_		

#### **TEST RESULTS:**

Sr. No.	Parameters Test Method GPCB Limit		Unit of Measurement	Results	
1.	pH @ 25 ° C APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.42	
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	18
3.	Biochemical Oxygen Demand (BOD) APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6 30		mg/L	16	
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.72

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

(					
Report No.	:	URB/22/08/STP/MIC/APL-0033			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	05/09/2022
Address of		Village – Nanakapaya,	Customer's Ref.	1.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	26/08/2022	Sample Receipt Date	:	27/08/2022
Test Start Date	:	27/08/2022	Test Completion Date	:	03/09/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/08/STP/MIC/APL-0033		-	

## **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Pollution and Environment		
Sr. No.	Parameters	Test Method	GPCB Permissible Limits Unit Of Measurement Result		
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	80

Remarks:	Environment and Research Labs Pvt. Ltd.

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/09/STP/APL-0004		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA,	Date of Report	21/09/2022
	DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	15/09/2022	Sample Received Date	16/09/2022
Test Started Date	16/09/2022	Test Completion Date	20/09/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/09/STP/APL-0004		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.44
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	110
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	106

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

	1 - 2 1 11 - 1 2 11		
Report No.	URC /22/09/STP/APL-0005		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/09/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	15/09/2022	Sample Received Date	16/09/2022
Test Started Date	16/09/2022	Test Completion Date	20/09/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/09/STP/APL-0005		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.32
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	26
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.65

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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# Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/22/09/STP/MIC/APL-0006			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	21/09/2022
Address of		Village – Nanakapaya,	Customer's Ref.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ker.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	15/09/2022	Sample Receipt Date	:	16/09/2022
Test Start Date	:	16/09/2022	Test Completion Date	:	16/09/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/09/STP/MIC/APL-0006		_	

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Pollution and Environment		
Sr. No.	Parameters Test Method		GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	27

Remarks:	Environment and Research Labs Pvt. Ltd.

**Opinions and Interpretations: (if required)** 

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/09/STP/APL-0007			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/09/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>	
Sampling Date	15/09/2022	Sample Received Date	16/09/2022	
Test Started Date	16/09/2022	Test Completion Date	20/09/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/09/STP/APL-0007	_		

## **TEST RESULTS:**

Sr. No.	Parameters	Parameters Test Method		Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.44
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	78
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	112

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/09/STP/APL-0008		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/09/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	15/09/2022	Sample Received Date	16/09/2022
Test Started Date	16/09/2022	Test Completion Date	20/09/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/09/STP/APL-0008		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.51
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	20
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	17
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.62

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

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Authorized By

(Nitin B. Tandel) (Technical Manager)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## Test Report (Microbiology)

	(**************************************			
:	URB/22/09/STP/MIC/APL-0009			
:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	21/09/2022
	Village – Nanakapaya,	Custome or a Def		
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	•	
:	STP Outlet Water Sample	Location	:	SVC-350KLD
:	500ml	Appearance	:	Colourless
:	15/09/2022	Sample Receipt Date	:	16/09/2022
:	16/09/2022	Test Completion Date	:	16/09/2022
:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
:	22/09/STP/MIC/APL-0009			
	-	: URB/22/09/STP/MIC/APL-0009  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample : 500ml : 15/09/2022 : 16/09/2022 : UERL-LAB	: URB/22/09/STP/MIC/APL-0009  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample : 500ml	: URB/22/09/STP/MIC/APL-0009  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location : 500ml Appearance : 15/09/2022 Sample Receipt Date : 16/09/2022 Test Completion Date : UERL-LAB Sampling Method :

#### **TEST RESULTS:**

DISC	IPLINE : Biological Testi	ng	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	40	

Remarks:	Environment and Research Labs Pvt. Ltd.
Opinions and Interpret	ations: (if required)

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/09/STP/APL-0028		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	05/10/2022
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	27/09/2022	Sample Received Date	28/09/2022
Test Started Date	28/09/2022	Test Completion Date	04/10/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/09/STP/APL-0028	_	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.46
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	124
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	110

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

(Nitin B. Tandel)

**Authorized By** 

(Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/09/STP/APL-0029		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	05/10/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	27/09/2022	Sample Received Date	28/09/2022
Test Started Date	28/09/2022	Test Completion Date	04/10/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/09/STP/APL-0029		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.44
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	19
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.62

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

	(**************************************			
:	URB/22/09/STP/MIC/APL-0030			
:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	05/10/2022
	Village – Nanakapaya,	Customor's Dof	Ī.	
	TAL MUNDRA, DIST KUTCH - 370421.	customer's ker.		
:	STP Outlet Water Sample	Location	:	SVC 250 KLD
:	500ml	Appearance	:	Colourless
:	27/09/2022	Sample Receipt Date	:	28/09/2022
:	28/09/2022	Test Completion Date	:	04/10/2022
:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
:	22/09/STP/MIC/APL-0030		-	
	:	<ul> <li>URB/22/09/STP/MIC/APL-0030</li> <li>M/S. ADANI PORTS &amp; SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.</li> <li>STP Outlet Water Sample</li> <li>500ml</li> <li>27/09/2022</li> <li>28/09/2022</li> </ul>	: URB/22/09/STP/MIC/APL-0030  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location  : 500ml Appearance  : 27/09/2022 Sample Receipt Date  : 28/09/2022 Test Completion Date  : UERL-LAB Sampling Method	: URB/22/09/STP/MIC/APL-0030  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location : 500ml Appearance : 27/09/2022 Sample Receipt Date : 28/09/2022 Test Completion Date : UERL-LAB Sampling Method :

#### **TEST RESULTS:**

DISC	PLINE : Biological	Testing	NAME OF GROUP: Pollution	on and Environment	
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	34

Remarks:		
Opinions and Interpreta	tions: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/09/STP/APL-0031				
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	05/10/2022		
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.		
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD		
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>		
Sampling Date	27/09/2022	Sample Received Date	28/09/2022		
Test Started Date	28/09/2022	Test Completion Date	04/10/2022		
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116		
UERL Lab ID. No.	22/09/STP/APL-0031				

## **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.54
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	104
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	94

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel)
(Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/09/STP/APL-0032		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	05/10/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	27/09/2022	Sample Received Date	28/09/2022
Test Started Date	28/09/2022	Test Completion Date	04/10/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/09/STP/APL-0032	_	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.46
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	19
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.68

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

		(			
Report No.	:	URB/22/09/STP/MIC/APL-0033			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	05/10/2022
Address of			1.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	27/09/2022	Sample Receipt Date	:	28/09/2022
Test Start Date	:	28/09/2022	Test Completion Date	:	04/10/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/09/STP/MIC/APL-0033		-	

## **TEST RESULTS:**

DISCIPLINE : Biological Testing		NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits Unit Of Measurement Result		Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	30

Remarks:	Environment and Research Labs Pvt. Ltd.

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/10/STP/APL-0013			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	19/10/2022	
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	11/10/2022	Sample Received Date	12/10/2022	
Test Started Date	12/10/2022	Test Completion Date	18/10/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/10/STP/APL-0013			

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.15
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	136
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	86

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

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Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/10/STP/APL-0014			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	19/10/2022	
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	11/10/2022	Sample Received Date	12/10/2022	
Test Started Date	12/10/2022	Test Completion Date	18/10/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/10/STP/APL-0014	_		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.10
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	22
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	16
4.	Residual chlorine	АРНА 23 <sup>rd</sup> Ed.,2017,4500-Cl-В	Min.0.5	mg/L	0.64

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

(					
ort No. : URB/22/10/STP/MIC/APL-0015					
:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	19/10/2022	
	Village – Nanakapaya,	Customov's Dof	١.		
	TAL MUNDRA, DIST KUTCH - 370421.	customer's Rei.			
:	STP Outlet Water Sample	Location	:	SVC-250KLD	
:	500ml	Appearance	:	Colourless	
:	11/10/2022	Sample Receipt Date	:	12/10/2022	
:	12/10/2022	<b>Test Completion Date</b>	:	12/10/2022	
:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03	
:	22/10/STP/MIC/APL-0015				
	: : : : : : : : : : : : : : : : : : : :	<ul> <li>URB/22/10/STP/MIC/APL-0015</li> <li>M/S. ADANI PORTS &amp; SPECIAL ECONOMIC ZONE LTD.         Village - Nanakapaya,         TAL MUNDRA, DIST KUTCH - 370421.</li> <li>STP Outlet Water Sample</li> <li>500ml</li> <li>11/10/2022</li> <li>12/10/2022</li> </ul>	: URB/22/10/STP/MIC/APL-0015  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location : 500ml Appearance : 11/10/2022 Sample Receipt Date : 12/10/2022 Test Completion Date : UERL-LAB Sampling Method	: URB/22/10/STP/MIC/APL-0015  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location : 500ml Appearance : 11/10/2022 Sample Receipt Date : 12/10/2022 Test Completion Date : UERL-LAB Sampling Method :	

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Pollution and Environment		
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	60

Remarks:	Environment and Research Labs Pvt. Ltd.
----------	---

Opinions and Interpretations: (if required)

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/10/STP/APL-0016			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	19/10/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>	
Sampling Date	11/10/2022	Sample Received Date	12/10/2022	
Test Started Date	12/10/2022	Test Completion Date	18/10/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/10/STP/APL-0016			

## **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.19
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	118
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	102

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/10/STP/APL-0017		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	19/10/2022
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	11/10/2022	Sample Received Date	12/10/2022
Test Started Date	12/10/2022	Test Completion Date	18/10/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/10/STP/APL-0017		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.15
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	20
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	19
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.62

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/22/10/STP/MIC/APL-0018			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	19/10/2022
Address of		Village – Nanakapaya,	Customas de Daf		
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	11/10/2022	Sample Receipt Date	:	12/10/2022
Test Start Date	:	12/10/2022	Test Completion Date	:	12/10/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/10/STP/MIC/APL-0018			

#### **TEST RESULTS:**

DISC	IPLINE : Biological Testi	ng	NAME OF GROUP: Poll	ution and Environment	
Sr. No.	Parameters	Test Method	od GPCB Permissible Unit Of Mea		Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	50

Remarks:	Environment and Research Labs Pvt. Ltd.	
Opinions and Interpret	cations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/10/STP/APL-0034		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	05/11/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	22/10/2022	Sample Received Date	27/10/2022
Test Started Date	27/10/2022	Test Completion Date	03/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/10/STP/APL-0034	_	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.46
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	104
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	72

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/10/STP/APL-0035		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya,	Date of Report	05/11/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	22/10/2022	Sample Received Date	27/10/2022
Test Started Date	27/10/2022	Test Completion Date	03/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/10/STP/APL-0035	_	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.35
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	18
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	16
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.74

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

	(**************************************			
:	URB/22/10/STP/MIC/APL-0036			
:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	05/11/2022
	Village – Nanakapaya,	Customor's Dof	T.	
	TAL MUNDRA, DIST KUTCH - 370421.	customer's ker.		
:	STP Outlet Water Sample	Location	:	SVC 250 KLD
:	500ml	Appearance	:	Colourless
:	22/10/2022	Sample Receipt Date	:	27/10/2022
:	27/10/2022	Test Completion Date	:	03/11/2022
:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
:	22/10/STP/MIC/APL-0036		-	
	:	<ul> <li>URB/22/10/STP/MIC/APL-0036</li> <li>M/S. ADANI PORTS &amp; SPECIAL ECONOMIC ZONE LTD.         Village - Nanakapaya,         TAL MUNDRA, DIST KUTCH - 370421.</li> <li>STP Outlet Water Sample</li> <li>500ml</li> <li>22/10/2022</li> <li>27/10/2022</li> </ul>	: URB/22/10/STP/MIC/APL-0036  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location  : 500ml Appearance  : 22/10/2022 Sample Receipt Date  : 27/10/2022 Test Completion Date  : UERL-LAB Sampling Method	: URB/22/10/STP/MIC/APL-0036  : M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village — Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.  : STP Outlet Water Sample Location : 500ml Appearance : 22/10/2022 Sample Receipt Date : 27/10/2022 Test Completion Date : UERL-LAB Sampling Method :

## **TEST RESULTS:**

DISC	IPLINE : Biological	Testing	NAME OF GROUP: Pollution	on and Environment		
Sr. No.	Parameters	ameters Test Method GPCB Permis		Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	50	

	Environment and Research Lads PVI. Ltd.	_
Opinions and Interpre	tations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/10/STP/APL-0037		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	05/11/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>
Sampling Date	22/10/2022	Sample Received Date	27/10/2022
Test Started Date	27/10/2022	Test Completion Date	03/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/10/STP/APL-0037		

## **TEST RESULTS:**

Sr. No.	Parameters Test Method		Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B	-	7.28
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	124
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	112

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/10/STP/APL-0038		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	05/11/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	22/10/2022	Sample Received Date	27/10/2022
Test Started Date	27/10/2022	Test Completion Date	03/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/10/STP/APL-0038		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.23
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.64

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

		(111161 0 21010 6 7 7			
Report No.	:	URB/22/10/STP/MIC/APL-0039			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	05/11/2022
Address of		Village – Nanakapaya,	Customer's Ref.	T.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	22/10/2022	Sample Receipt Date	:	27/10/2022
Test Start Date	:	27/10/2022	Test Completion Date	:	03/11/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/10/STP/MIC/APL-0039	•		

## **TEST RESULTS:**

DISCIPLINE : Biological Testing		NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits Unit Of Measurement Result		Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	34

Remarks:	

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/11/STP/APL-0013		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	16/11/2022
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	07/11/2022	Sample Received Date	08/11/2022
Test Started Date	08/11/2022	Test Completion Date	15/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/11/STP/APL-0013		

#### **TEST RESULTS:**

Sr. No. Parameters		Parameters Test Method		Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.21	
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	252	
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	150	

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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## **TEST REPORT**

Report No.	URC /22/11/STP/APL-0014		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	16/11/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	07/11/2022	Sample Received Date	08/11/2022
Test Started Date	08/11/2022	Test Completion Date	15/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/11/STP/APL-0014		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.18
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.86

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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# Test Report (Microbiology)

Report No.	•	URB/22/11/STP/MIC/APL-0015			
Name and	+	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	16/11/2022
Address of Company		Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	:	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	07/11/2022	Sample Receipt Date	:	08/11/2022
Test Start Date	:	08/11/2022	<b>Test Completion Date</b>	:	08/11/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/11/STP/MIC/APL-0015			

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Polluti	ion and Environment		
Sr. Parameters		Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	70	
	•					

Remarks:	Environment and Research Labs Pvt. Ltd.

**Opinions and Interpretations: (if required)** 

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/11/STP/APL-0016			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	16/11/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>	
Sampling Date	07/11/2022	Sample Received Date	08/11/2022	
Test Started Date	08/11/2022	Test Completion Date	15/11/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/11/STP/APL-0016			

## **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.34	
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	407	
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	256	

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610 Email: response@uerl.in Website: www.uerl.in



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## **TEST REPORT**

Report No.	URC /22/11/STP/APL-0017		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	16/11/2022
	Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	07/11/2022	Sample Received Date	08/11/2022
Test Started Date	08/11/2022	Test Completion Date	15/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/11/STP/APL-0017	•	

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.34
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	22
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	14
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.52

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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ISO 45001:2018 Certified Company

## (Microbiology)

		(			
Report No.	:	URB/22/11/STP/MIC/APL-0018			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	16/11/2022
Address of		Village – Nanakapaya,	Customer's Ref.	Ī.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	07/11/2022	Sample Receipt Date	:	08/11/2022
Test Start Date	:	08/11/2022	Test Completion Date	:	08/11/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/11/STP/MIC/APL-0018			

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing NAME OF GROUP: Pollution and Environment				
Sr. Parameters Test Method		GPCB Permissible Limits	Unit Of Measurement	Results
1 Fecal Coliform IS 1622 : 1981		1000	MPN Index/100ml	110

Remarks:	
	Environment and Research Lahs Pvt 1td

**Opinions and Interpretations: (if required)** 

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/11/STP/APL-0034			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	26/11/2022	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	17/11/2022	Sample Received Date	18/11/2022	
Test Started Date	18/11/2022	Test Completion Date	25/11/2022	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/11/STP/APL-0034			

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.35
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	204
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	164

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/11/STP/APL-0035		
Name and Address of	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date of Report	26/11/2022
Company	Village – Nanakapaya,	,	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	17/11/2022	Sample Received Date	18/11/2022
Test Started Date	18/11/2022	Test Completion Date	25/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/11/STP/APL-0035		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.32
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	16
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.92

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

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Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## Test Report (Microbiology)

Report No.	:	RB/22/11/STP/MIC/APL-0036				
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	26/11/2022	
Address of		Village – Nanakapaya,	Customer's Ref.			
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's Ref.			
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 250 KLD	
Sample Qty.	:	500ml	Appearance	:	Colourless	
Sampling Date	:	17/11/2022	Sample Receipt Date	:	18/11/2022	
Test Start Date	:	18/11/2022	Test Completion Date	:	25/11/2022	
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03	
UERL Lab ID. No.	:	22/11/STP/MIC/APL-0036				

#### **TEST RESULTS:**

DISCI	PLINE : Biological	<b>Testing</b>	NAME OF GROUP: Pollution	on and Environment	
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	60

Remarks: Environment and Research Labs Pvt. Ltd.
--

Opinions and Interpretations: (if required)

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/11/STP/APL-0037		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	26/11/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Dusty Color
Sampling Date	17/11/2022	Sample Received Date	18/11/2022
Test Started Date	18/11/2022	Test Completion Date	25/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/11/STP/APL-0037		

## **TEST RESULTS:**

Sr. No.	Parameters Test Method L		Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.44
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	388
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 °C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	202

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/11/STP/APL-0038		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	26/11/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	17/11/2022	Sample Received Date	18/11/2022
Test Started Date	18/11/2022	Test Completion Date	25/11/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/11/STP/APL-0038		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.39
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.58

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

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Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

		(			
Report No.	:	URB/22/11/STP/MIC/APL-0039			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	26/11/2022
Address of		Village – Nanakapaya,	Customor's Dof	1.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	17/11/2022	Sample Receipt Date	:	18/11/2022
Test Start Date	:	18/11/2022	Test Completion Date	:	25/11/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/11/STP/MIC/APL-0039		-	

## **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Pollu	ution and Environment	
Sr. No.	Parameters Test Method		GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	60

Remarks:	

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Sofutel

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0013		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA,	Date of Report	21/12/2022
	DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	12/12/2022	Sample Received Date	13/12/2022
Test Started Date	13/12/2022	Test Completion Date	20/12/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/12/STP/APL-0013		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results		
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.7		
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	356		
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	244		
Remarks: Environment and Research Labs Pvt. Ltd.						

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Hol

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0014		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/12/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	12/12/2022	Sample Received Date	13/12/2022
Test Started Date	13/12/2022	Test Completion Date	20/12/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/12/STP/APL-0014		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.34
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	20
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-CI-B	Min.0.5	mg/L	0.86

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## Test Report (Microbiology)

Report No.	:	URB/22/12/STP/MIC/APL-0015			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	21/12/2022
Address of		Village – Nanakapaya,	Customer's Ref.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.		
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	12/12/2022	Sample Receipt Date	:	13/12/2022
Test Start Date	:	13/12/2022	<b>Test Completion Date</b>	:	13/12/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/12/STP/MIC/APL-0015			

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing		NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Unit Of Results		
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	70

Remarks:	Environment and Research Labs Pvt. Ltd.

Opinions and Interpretations: (if required)
---

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0016		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/12/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Dusty Color
Sampling Date	12/12/2022	Sample Received Date	13/12/2022
Test Started Date	13/12/2022	Test Completion Date	20/12/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/12/STP/APL-0016		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.7
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	424
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	398

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0017		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/12/2022
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	12/12/2022	Sample Received Date	13/12/2022
Test Started Date	13/12/2022	Test Completion Date	20/12/2022
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/12/STP/APL-0017		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.38
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	26
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	16
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.67

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## Test Report (Microbiology)

Report No.	:	URB/22/12/STP/MIC/APL-0018			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	21/12/2022
Address of		Village – Nanakapaya,	Customer's Ref.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	12/12/2022	Sample Receipt Date	:	13/12/2022
Test Start Date	:	13/12/2022	Test Completion Date	:	13/12/2022
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/12/STP/MIC/APL-0018			

#### **TEST RESULTS:**

DISC	IPLINE: Biological Testi	ng	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	90	

	Remarks:	Environment and Research	Labs Pvt. Ltd.	
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Opinions and Interpretations: (if required)

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0034			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	07/01/2023	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	29/12/2022	Sample Received Date	30/12/2022	
Test Started Date	30/12/2022	Test Completion Date	06/01/2023	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	22/12/STP/APL-0034			

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.46
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	364
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	202

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0035			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	07/01/2023	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	29/12/2022	Sample Received Date	30/12/2022	
Test Started Date	30/12/2022	Test Completion Date	06/01/2023	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No. <b>22/12/STP/APL-0035</b>				

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.41
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	19
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.84

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

Report No.	:	URB/22/12/STP/MIC/APL-0036			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	07/01/2023
Address of		Village – Nanakapaya,	Customer's Ref.	1.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 250 KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	29/12/2022	Sample Receipt Date	:	30/12/2022
Test Start Date	:	30/12/2022	Test Completion Date	:	06/01/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/12/STP/MIC/APL-0036			

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	80	

Remarks: Environment and Research Labs Pvt. Ltd.
--

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0037		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	07/01/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Dusty Color
Sampling Date	29/12/2022	Sample Received Date	30/12/2022
Test Started Date	30/12/2022	Test Completion Date	06/01/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/12/STP/APL-0037		

## **TEST RESULTS:**

Sr. No.	Parameters	Parameters Test Method U		Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.32	
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	456	
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 °C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	346	

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0038		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	07/01/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	29/12/2022	Sample Received Date	30/12/2022
Test Started Date	30/12/2022	Test Completion Date	06/01/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/12/STP/APL-0038		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B	1		7.28
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.72

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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# Test Report (Microbiology)

(					
Report No.	:	URB/22/12/STP/MIC/APL-0039			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	07/01/2023
Address of		Village – Nanakapaya,	Customer's Ref.	T.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	ľ	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	29/12/2022	Sample Receipt Date	:	30/12/2022
Test Start Date	:	30/12/2022	Test Completion Date	:	06/01/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/12/STP/MIC/APL-0039		-	

## **TEST RESULTS:**

DISC	IPLINE : Biological	Testing	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	70	

Remarks:	

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Sofutel

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0040		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	09/01/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	31/12/2022	Sample Received Date	02/01/2023
Test Started Date	02/01/2023	Test Completion Date	07/01/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/12/STP/APL-0040		

#### **TEST RESULTS:**

Sr. No.	Parameters	Parameters Test Method GPCB Limit		Unit of Measurement	Results
5.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.62
6.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
7.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	15
8.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.57

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/22/12/STP/MIC/APL-0041			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	09/01/2023
Address of		Village – Nanakapaya,	Customer's Ref.	T.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's Ref.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 250 KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	31/12/2022	Sample Receipt Date	:	02/01/2023
Test Start Date	:	02/01/2023	Test Completion Date	:	07/01/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	22/12/STP/MIC/APL-0041			

#### **TEST RESULTS:**

DISC	IPLINE : Biological	Testing	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits Unit Of Measurement Resu			
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	40	

Daniel I	
Remarks:	

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## **TEST REPORT**

Report No.	URC /22/12/STP/APL-0042		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	09/01/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	31/12/2022	Sample Received Date	02/01/2023
Test Started Date	02/01/2023	Test Completion Date	07/01/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	22/12/STP/APL-0042		

#### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
5.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.61
6.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
7.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
8.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.64

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

(**************************************						
Report No.	:	URB/22/12/STP/MIC/APL-0043				
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	09/01/2023	
Address of		Village – Nanakapaya,	Customor's Dof	Ī.		
Company		TAL MUNDRA, DIST KUTCH - 370421.		•	:	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD	
Sample Qty.	:	500ml	Appearance	:	Colourless	
Sampling Date	:	31/12/2022	Sample Receipt Date	:	02/01/2023	
Test Start Date	:	02/01/2023	Test Completion Date	:	07/01/2023	
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03	
UERL Lab ID. No.	:	22/12/STP/MIC/APL-0043		-		

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Pollution and Environment		
Sr. No.	Parameters	Test Method	hod GPCB Permissible Unit Of Measurement		Results
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	70

Remarks:		
Opinions and Interpretat	ions: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone : +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/01/STP/APL-0004			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.  Village – Nanakapaya, TAL MUNDRA,	Date of Report	19/01/2023	
	DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	10/01/2023	Sample Received Date	11/01/2023	
Test Started Date	11/01/2023	Test Completion Date	18/01/2023	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	23/01/STP/APL-0004			

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results			
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.26			
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	334			
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	186			
Remarks: Environment and Research Labs Pvt. Ltd.							

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/01/STP/APL-0005		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	19/01/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	10/01/2023	Sample Received Date	11/01/2023
Test Started Date	11/01/2023	Test Completion Date	18/01/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/01/STP/APL-0005		

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.25
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	30
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.81

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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# Test Report (Microbiology)

Report No.	:	URB/23/01/STP/MIC/APL-0006			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	19/01/2023
Address of		Village – Nanakapaya,	Customer's Ref.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	customer's ker.	•	<b></b>
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	10/01/2023	Sample Receipt Date	:	11/01/2023
Test Start Date	:	11/01/2023	<b>Test Completion Date</b>	:	18/01/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	23/01/STP/MIC/APL-0006		•	

#### **TEST RESULTS:**

DISC	IPLINE: Biological Testing	<b>;</b>	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	60	

Remarks:	Environment and Research Labs Pvt. Ltd.

**Opinions and Interpretations: (if required)** 

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

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Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/01/STP/APL-0007		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	19/01/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>
Sampling Date	10/01/2023	Sample Received Date	11/01/2023
Test Started Date	11/01/2023	Test Completion Date	18/01/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/01/STP/APL-0007		

### **TEST RESULTS:**

Sr. No.	Parameters	Parameters Test Method L		Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.36	
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	442	
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	402	

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/01/STP/APL-0008			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	19/01/2023	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	10/01/2023	Sample Received Date	11/01/2023	
Test Started Date	11/01/2023	Test Completion Date	18/01/2023	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	23/01/STP/APL-0008			

### **TEST RESULTS:**

Sr. No.	Parameters	ers Test Method GPCB Limit		Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.35
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	19
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.85

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

Report No.	Τ.	URB/23/01/STP/MIC/APL-0009			
Name and	+	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	19/01/2023
Address of Company		Village – Nanakapaya, TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	:	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	10/01/2023	Sample Receipt Date	:	11/01/2023
Test Start Date	:	11/01/2023	Test Completion Date	:	18/01/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	23/01/STP/MIC/APL-0009		•	•

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing NAME OF GROUP: Pollution and Environment					
Sr. No.	Parameters	Test Method	GPCB Permissible Limits Unit Of Measurement Resu		Results
1	Fecal Coliform	IS 1622 : 1981	1000 MPN Index/100ml 9		

Remarks:	Environment and Research	

Opinions and Interpretations: (if required)

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/01/STP/APL-0031		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/02/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	30/01/2023	Sample Received Date	31/01/2023
Test Started Date	31/01/2023	Test Completion Date	07/02/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/01/STP/APL-0031		

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.22
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	362
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	212
Remark	s: Environn	nent and Research Labs Pvt. Ltd	0.	

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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### **TEST REPORT**

Report No.	URC /23/01/STP/APL-0032		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/02/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	30/01/2023	Sample Received Date	31/01/2023
Test Started Date	31/01/2023	Test Completion Date	07/02/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/01/STP/APL-0032		

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.18
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	17
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.85

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

Report No.	:	URB/23/01/STP/MIC/APL-0033			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	08/02/2023
Address of		Village – Nanakapaya,	Customer's Ref.	1.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 250 KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	30/01/2023	Sample Receipt Date	:	31/01/2023
Test Start Date	:	31/01/2023	Test Completion Date	:	07/02/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	23/01/STP/MIC/APL-0033			

#### **TEST RESULTS:**

DISCIPLINE: Biological Testing NAME OF GROUP: Pollu		NAME OF GROUP: Pollution	on and Environment		
Sr. No.	Parameters	Test Method	GPCB Permissible Limits Unit Of Measurement Resu		
1	Fecal Coliform	IS 1622: 1981	1000	MPN Index/100ml	50

Remarks:	Environment and Research Labs Pvt. Ltd.	

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/01/STP/APL-0034		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/02/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>
Sampling Date	30/01/2023	Sample Received Date	31/01/2023
Test Started Date	31/01/2023	Test Completion Date	07/02/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/01/STP/APL-0034		

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results			
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.24			
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	386			
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	264			
	3   APHA 23 <sup>rd</sup> Ed 2017 5210-B 5-6   mg/l						

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/01/STP/APL-0035		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/02/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	30/01/2023	Sample Received Date	31/01/2023
Test Started Date	31/01/2023	Test Completion Date	07/02/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/01/STP/APL-0035		

### **TEST RESULTS:**

Sr. No.	Parameters Test Method GPCB Limit		Unit of Measurement	Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.23
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	26
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.82

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to17.03.2023)

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# Test Report (Microbiology)

(					
Report No.	:	URB/23/01/STP/MIC/APL-0036			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	08/02/2023
Address of		Village – Nanakapaya,	Customer's Ref.	T.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	ŀ	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	30/01/2023	Sample Receipt Date	:	31/01/2023
Test Start Date	:	31/01/2023	Test Completion Date	:	07/02/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	23/01/STP/MIC/APL-0036		-	

### **TEST RESULTS:**

DISC	IPLINE : Biological	Testing	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	80	

Remarks:	

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/02/STP/APL-0004		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya, TAL MUNDRA,	Date of Report	21/02/2023
	DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Black Color
Sampling Date	10/02/2023	Sample Received Date	11/02/2023
Test Started Date	11/02/2023	Test Completion Date	20/02/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/02/STP/APL-0004		

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results				
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.28				
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	458				
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	180				
Remarks: Environment and Research Labs Pvt. Ltd.								

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By** 

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/02/STP/APL-0005		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/02/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	10/02/2023	Sample Received Date	11/02/2023
Test Started Date	11/02/2023	Test Completion Date	20/02/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/02/STP/APL-0005		

### **TEST RESULTS:**

Sr. No.	Parameters	Parameters Test Method GPCB Limit		Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.24
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	19
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-CI-B	Min.0.5	mg/L	0.82

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### Test Report (Microbiology)

Report No.	:	URB/23/02/STP/MIC/APL-0006			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	21/02/2023
Address of		Village – Nanakapaya,	Customer's Ref.	Ī.	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Rei.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-250KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	10/02/2023	Sample Receipt Date	:	11/02/2023
Test Start Date	:	11/02/2023	<b>Test Completion Date</b>	:	20/02/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	23/02/STP/MIC/APL-0006			

#### **TEST RESULTS:**

DISC	IPLINE: Biological Testing	}	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	70	

Remarks:	Environment and Research Labs Pvt. Ltd.

**Opinions and Interpretations: (if required)** 

\*\*\*\*\* End of Report \*\*\*\*\*

Checked By

Shweta Rana

(Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/02/STP/APL-0007			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/02/2023	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>	
Sampling Date	10/02/2023	Sample Received Date	11/02/2023	
Test Started Date	11/02/2023	Test Completion Date	20/02/2023	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	23/02/STP/APL-0007	<u>.</u>	•	

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.44
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	480
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	244

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/02/STP/APL-0008		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	21/02/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	10/02/2023	Sample Received Date	11/02/2023
Test Started Date	11/02/2023	Test Completion Date	20/02/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/02/STP/APL-0008		

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.24
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	28
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.88

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

Report No.	:	URB/23/02/STP/MIC/APL-0009			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	21/02/2023
Address of		Village – Nanakapaya,	Customer's Ref.		
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ker.	•	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC-350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	10/02/2023	Sample Receipt Date	:	11/02/2023
Test Start Date	:	11/02/2023	Test Completion Date	:	20/02/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	23/02/STP/MIC/APL-0009			

#### **TEST RESULTS:**

DISCIPLINE : Biological Testing			NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits Unit Of Measurem		Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	140	

Remarks:	Environment and Research	

Opinions and Interpretations: (if required)

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/02/STP/APL-0028			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/03/2023	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Inlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Black Color	
Sampling Date	27/02/2023	Sample Received Date	28/02/2023	
Test Started Date	28/02/2023	Test Completion Date	07/03/2023	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	23/02/STP/APL-0028			

### **TEST RESULTS:**

Sr. No.	Parameters	Parameters Test Method		Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.34	
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	484	
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	194	

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05

Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/02/STP/APL-0029			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/03/2023	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-250 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	27/02/2023	Sample Received Date	28/02/2023	
Test Started Date	28/02/2023	Test Completion Date	07/03/2023	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	23/02/STP/APL-0029			

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.26
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	24
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	18
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-CI-B	Min.0.5	mg/L	0.84

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

**Authorized By** 

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/23/02/STP/MIC/APL-0030			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	08/03/2023
Address of		Village – Nanakapaya,	Customer's Ref.	1	
Company		TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	:	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 250 KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	27/02/2023	Sample Receipt Date	:	28/02/2023
Test Start Date	:	28/02/2023	Test Completion Date	:	07/03/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	23/02/STP/MIC/APL-0030			

#### **TEST RESULTS:**

DISC	IPLINE: Biological 1	Testing	NAME OF GROUP: Pollution and Environment		
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results
1	Fecal Coliform	IS 1622: 1981	1000	MPN Index/100ml	110

Remarks:	Facility and December Labor Date Lital
Nemarks	

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

**Authorized By** 

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/02/STP/APL-0031		
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/03/2023
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.
Sample Details	STP Inlet Water Sample	Location	SVC-350 KLD
Sample Qty.	2 Lit.	Appearance	<b>Dusty Color</b>
Sampling Date	27/02/2023	Sample Received Date	28/02/2023
Test Started Date	28/02/2023	Test Completion Date	07/03/2023
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116
UERL Lab ID. No.	23/02/STP/APL-0031		

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	Unit of Measurement	Results	
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B		7.38	
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	mg/L	524	
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	mg/L	212	
Remarks: Environment and Research Labs Pvt. Ltd.					

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

Report No.	URC /23/02/STP/APL-0032			
Name and Address of Company	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD. Village – Nanakapaya,	Date of Report	08/03/2023	
	TAL MUNDRA, DIST KUTCH - 370421.	Customer's Ref.	As Per W.O.	
Sample Details	STP Outlet Water Sample	Location	SVC-350 KLD	
Sample Qty.	2 Lit.	Appearance	Colourless	
Sampling Date	27/02/2023	Sample Received Date	28/02/2023	
Test Started Date	28/02/2023	Test Completion Date	07/03/2023	
Sampled By	UERL-LAB	Sampling Method	UERL/CHM/SOP/116	
UERL Lab ID. No.	23/02/STP/APL-0032			

### **TEST RESULTS:**

Sr. No.	Parameters	Test Method	GPCB Limit	Unit of Measurement	Results
1.	pH @ 25 ° C	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B			7.31
2.	Total Suspended Solids	APHA 23 <sup>rd</sup> Ed.,2017,2540 -D	100	mg/L	26
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	APHA 23 <sup>rd</sup> Ed,2017,5210-B 5-6	30	mg/L	17
4.	Residual chlorine	APHA 23 <sup>rd</sup> Ed.,2017,4500-Cl-B	Min.0.5	mg/L	0.88

Remarks: --

Opinion & Interpretation (If required): --

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By

(Nilesh C. Patel) (Sr. Chemist)

Page 1 of 1

Authorized By

(Nitin B. Tandel) (Technical Manager)

UERL/CHM/F-2/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# Test Report (Microbiology)

		(**************************************			
Report No.	:	URB/23/02/STP/MIC/APL-0033			
Name and	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.	Date Of Report	:	08/03/2023
Address of		Village – Nanakapaya,	Customor's Dof	T.	
Company		TAL MUNDRA, DIST KUTCH - 370421.		-	
Sample Details	:	STP Outlet Water Sample	Location	:	SVC 350KLD
Sample Qty.	:	500ml	Appearance	:	Colourless
Sampling Date	:	27/02/2023	Sample Receipt Date	:	28/02/2023
Test Start Date	:	28/02/2023	Test Completion Date	:	07/03/2023
Sampled By	:	UERL-LAB	Sampling Method	:	UERL/BIO/SOP/GB/03
UERL Lab ID. No.	:	23/02/STP/MIC/APL-0033		-	

### **TEST RESULTS:**

DISC	IPLINE : Biological	Testing	NAME OF GROUP: Pollution and Environment			
Sr. No.	Parameters	Test Method	GPCB Permissible Limits	Unit Of Measurement	Results	
1	Fecal Coliform	IS 1622 : 1981	1000	MPN Index/100ml	90	

Remarks:	Environment and Research Labs Pvt. Ltd.

Opinions and Interpretations: (if required)	

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By** 

Shweta Rana (Microbiologist)

Authorized By

Meera D. Patel (Sr. Microbiologist)

Page 1 of 1 UERL/BIO/F-02/05



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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# TEST REPORT (STACK MONITORING)

Test Report No.	URA/22/06/S-APSEZ005	Report Issue Date	30/06/2022		
Sample ID No.	URA/ID/S-APSEZ - 22/06/005	URA/ID/S-APSEZ - 22/06/005			
Name and Address of	M/S. ADANI PORTS & SPE	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
Company	Village – Nanakapaya,				
	TAL MUNDRA, DIST KUTCH - 370421.				
Date of Sampling	22/06/2022	Date of Testing	23/06/2022		
Stack Sampling Attached to	Shantivan Colony – D.G.Set -1 (750 KVA)				
Air Pollution Control Device					
Fuel Used	HSD (High Speed Diesel)				

### > Details of Instrument Used for Monitoring

Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	930, DTO – 11
<b>Calibration Date</b>	01/11/2021	Next Calibration Due On	31/10/2022

### General Stack Monitoring Observation

		_	
Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	9
2.	Stack Dia	mm	250
3.	Stack Area	m <sup>2</sup>	0.0491
4.	Ambient Temperature	Hell of Vese	alcii Labs F VI. Liu.
5.	Flue Gas Temperature	°C	190
6.	Exit Gas Velocity	m/s	17.3
7.	Exit Gas Flow	m³/h	3057

### > Test Parameter Results

Sr. No.	Test Parameter	Unit of measurement	Result	GPCB LIMIT	Method of Test
1.	Particulate Matter	mg/Nm <sup>3</sup>	18.9	<150	IS 11255 (Part - 1)
2.	Sulphur Dioxide	ppm	10.4	<100	IS 11255 (Part - 2)
3.	Oxide of Nitrogen	ppm	21.68	<50	IS 11255 (Part - 7)
4.	Carbon Monoxide	mg/Nm³	3.5		UERL/AIR/SOP/18
5.	Non Methyl Hydro Carbon	ppm	Not Detected		UERL/AIR/SOP/27

Note: Results on 15 % O2 Correction when Oxygen is greater than 15 %.

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Janeles

**Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-04/04



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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## TEST REPORT (STACK MONITORING)

	•	•			
Test Report No.	URA/22/06/S-APSEZ006	Report Issue Date	30/06/2022		
Sample ID No.	URA/ID/S-APSEZ - 22/06/006	URA/ID/S-APSEZ - 22/06/006			
Name and Address of	M/S. ADANI PORTS & SPEC	IAL ECONOMIC ZONE LTD.			
Company	Village – Nanakapaya,				
	TAL MUNDRA, DIST KUTCH - 370421.				
Date of Sampling	22/06/2022	Date of Testing	23/06/2022		
Stack Sampling Attached to	Shantivan Colony – D.G.Set -2 (250 KVA)				
Air Pollution Control Device					
Fuel Used	HSD (High Speed Diesel)				

### > Details of Instrument Used for Monitoring

Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	930, DTO – 11
<b>Calibration Date</b>	01/11/2021	Next Calibration Due On	31/10/2022

### General Stack Monitoring Observation

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	9
2.	Stack Dia	mm	150
3.	Stack Area	m <sup>2</sup>	0.0177
4.	Ambient Temperature	Hell occ rese	alon Labs F VI. Liu.
5.	Flue Gas Temperature	°C	165
6.	Exit Gas Velocity	m/s	15.8
7.	Exit Gas Flow	m³/h	1006

### > Test Parameter Results

Sr. No.	Test Parameter	Unit of measurement	Result	GPCB LIMIT	Method of Test
1.	Particulate Matter	mg/Nm <sup>3</sup>	16.7	<150	IS 11255 (Part - 1)
2.	Sulphur Dioxide	ppm	7.6	<100	IS 11255 (Part - 2)
3.	Oxide of Nitrogen	ppm	18.95	<50	IS 11255 (Part - 7)
4.	Carbon Monoxide	mg/Nm³	3.7		UERL/AIR/SOP/18
5.	Non Methyl Hydro Carbon	ppm	Not Detected		UERL/AIR/SOP/27

Note: Results on 15 % O2 Correction when Oxygen is greater than 15 %.

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Authorized By:

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-04/04



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### TEST REPORT (STACK MONITORING)

	(0	······································			
Test Report No.	URA/23/03/S-APSEZ005	Report Issue Date	04/03/2023		
Sample ID No.	URA/ID/S-APSEZ - 23/03/005				
Name and Address of	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.				
Company	Village – Nanakapaya,				
	TAL MUNDRA, DIST KUTCH - 370421.				
Date of Sampling	01/03/2023 Date of Testing 01/03/2023				
Stack Sampling Attached to	Shantivan Colony – D.G.Set -1 (750 KVA)				
Air Pollution Control Device					
Fuel Used	HSD (High Speed Diesel)				

### > Details of Instrument Used for Monitoring

Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	930, DTO – 11
<b>Calibration Date</b>	01/11/2022	Next Calibration Due On	31/10/2023

### General Stack Monitoring Observation

	•		
Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	9
2.	Stack Dia	mm	250
3.	Stack Area	m <sup>2</sup>	0.0491
4.	Ambient Temperature	Hell of Kese	alcii Labs F VI. Liu.
5.	Flue Gas Temperature	°C	188
6.	Exit Gas Velocity	m/s	16.8
7.	Exit Gas Flow	m³/h	2969.5

### > Test Parameter Results

Sr. No.	Test Parameter	Unit of measurement	Result	GPCB LIMIT	Method of Test
1.	Particulate Matter	mg/Nm <sup>3</sup>	16.6	<150	IS 11255 (Part - 1)
2.	Sulphur Dioxide	ppm	8.8	<100	IS 11255 (Part - 2)
3.	Oxide of Nitrogen	ppm	18.47	<50	IS 11255 (Part - 7)
4.	Carbon Monoxide	mg/Nm³	2.8		UERL/AIR/SOP/18
5.	Non Methyl Hydro Carbon	ppm	Not Detected		UERL/AIR/SOP/27

Note: Results on 15 % O2 Correction when Oxygen is greater than 15 %.

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Authorized By:

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-04/04



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### TEST REPORT (STACK MONITORING)

(or text morning)							
Test Report No.	URA/23/03/S-APSEZ006	Report Issue Date	04/03/2023				
Sample ID No.	URA/ID/S-APSEZ - 23/03/006	URA/ID/S-APSEZ - 23/03/006					
Name and Address of	M/S. ADANI PORTS & SPE	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.					
Company	Village – Nanakapaya,	Village – Nanakapaya,					
	TAL MUNDRA, DIST KI	TAL MUNDRA, DIST KUTCH - 370421.					
Date of Sampling	01/03/2023	01/03/2023 Date of Testing 01/03/2023					
Stack Sampling Attached to	Shantivan Colony – D.G.Set	Shantivan Colony – D.G.Set -2 (250 KVA)					
Air Pollution Control Device							
Fuel Used	HSD (High Speed Diesel)	ISD (High Speed Diesel)					

### > Details of Instrument Used for Monitoring

Instrument Name	Stack Monitoring Kit, VSS1 Serial Number		930, DTO – 11
<b>Calibration Date</b>	01/11/2022	Next Calibration Due On	31/10/2023

### General Stack Monitoring Observation

		_	
Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	9
2.	Stack Dia	mm	150
3.	Stack Area	m <sup>2</sup>	urob   abo Dut   14d 0.0177
4.	Ambient Temperature	Hell of Vese	alcii Labs F VI. Liu.
5.	Flue Gas Temperature	°C	162
6.	Exit Gas Velocity	m/s	13.9
7.	Exit Gas Flow	m³/h	885.7

### > Test Parameter Results

Sr. No.	Test Parameter	Unit of measurement	Result	GPCB LIMIT	Method of Test
1.	Particulate Matter	mg/Nm <sup>3</sup>	14.5	<150	IS 11255 (Part - 1)
2.	Sulphur Dioxide	ppm	6.9	<100	IS 11255 (Part - 2)
3.	Oxide of Nitrogen	ppm	16.25	<50	IS 11255 (Part - 7)
4.	Carbon Monoxide	mg/Nm³	2.4		UERL/AIR/SOP/18
5.	Non Methyl Hydro Carbon	ppm	Not Detected		UERL/AIR/SOP/27

Note: Results on 15 % O2 Correction when Oxygen is greater than 15 %.

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel (Chemist) Page No.: 1 of 1 Jameles

**Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-04/04



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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### **TEST REPORT**

### (SOURCE NOISE LEVEL MONITORING)

Name and Address of Company	:	M/S. ADANI PORTS & S	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,	Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	June – 2022	June – 2022		
Name of Location	:	Shantivan Colony			
Location Code	:	DG - NM – 01	Sampling Method	:	IS: 4758: 1968
UERL ID No.	:	APSEZ/DG-N-01/22/06/005			
Instrument Used for	:	SLM-100 , 268 DTF 2014			
Monitoring					

### Result

Sr.		Noise Level Average Leq dB(A)			
No.	Point	In Side DG Room (1 meter from D. G. Set Enclose)	Out Side DG Room (1 meter from D. G. Set Enclose)		
1	D. G. Set-1 (750 KVA)	96.50	71.1		
	Limit**	nent and Research Labs Pvt. Ltd.	75.0 dB(A)		

<sup>\*\*</sup>as per Noise limit for diesel generator sets (upto 1000 KVA) manufactured on or after the 1st January, 2005

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Nikunj D. Patel

(Chemist) Page No.: 1 of 1 **Authorized By:** 

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-19/03



Phone: +91 260 2433966 / 2425610

Email: response@uerl.in Website: www.uerl.in

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QCI-NABET Accredited EIA Consultant Organization

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ISO 9001:2015 Certified Company

ISO 45001:2018 Certified Company

### **TEST REPORT**

### (SOURCE NOISE LEVEL MONITORING)

(55 Shee Holde Level Month Shirts)					
Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,	Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	June – 2022	Date of Monitoring	:	22-06-2022
Name of Location	:	Shantivan Colony			
<b>Location Code</b>	:	DG - NM – 02	Sampling Method	:	IS: 4758: 1968
UERL ID No.	:	APSEZ/DG-N-02/22/06/006			
Instrument Used for	:	SLM-100 , 268 DTF 2014			
Monitoring					

### Result

Sr.		Noise Level Average Leq dB(A)			
No.	Point	In Side DG Room (1 meter from D. G. Set Enclose)	Out Side DG Room (1 meter from D. G. Set Enclose)		
1	D. G. Set-2 (250 KVA)	95.70	70.35		
	Limit**	nent and Research Labs Pvt. Ltd.	75.0 dB(A)		

<sup>\*\*</sup>as per Noise limit for diesel generator sets (upto 1000 KVA) manufactured on or after the 1st January, 2005

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

Authorized By:

Nikunj D. Patel (Chemist) Page No.: 1 of 1

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-19/03



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### TEST REPORT (SOURCE NOISE LEVEL MONITORING)

(SOURCE MOISE ELVEE MOINTONING)					
Name and Address of Company	:	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.			
		Village – Nanakapaya,	Village – Nanakapaya,		
		TAL MUNDRA, DIST KUTCH - 370421.			
Month of Monitoring	:	March – 2023	Date of Monitoring	:	01-03-2023
Name of Location	:	Shantivan Colony			
Location Code	:	DG - NM – 01	Sampling Method	:	IS: 4758: 1968
UERL ID No.	:	APSEZ/DG-N-01/23/03/005			
Instrument Used for	:	SLM-100 , 268 DTF 2014			
Monitoring					

### Result

Sr.		Noise Level Average Leq dB(A)			
No.	Point	In Side DG Room (1 meter from D. G. Set Enclose)	Out Side DG Room (1 meter from D. G. Set Enclose)		
1	D. G. Set-1 (750 KVA)	96.24	70.93		
	Limit**	nent and Research Labs Pvt. Ltd.	75.0 dB(A)		

<sup>\*\*</sup>as per Noise limit for diesel generator sets (upto 1000 KVA) manufactured on or after the 1st January, 2005

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

**Checked By:** 

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Nikunj D. Patel (Chemist) Page No.: 1 of 1

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### TEST REPORT (SOURCE NOISE LEVEL MONITORING)

	`				
Name and Address of Company	:	M/S. ADANI PORTS & S	M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.		
		Village – Nanakapaya,			
		TAL MUNDRA, DIST	TAL MUNDRA, DIST KUTCH - 370421.		
Month of Monitoring	••	March – 2023	March – 2023		
Name of Location	••	Shantivan Colony			
<b>Location Code</b>	••	DG - NM – 02	Sampling Method	:	IS: 4758: 1968
UERL ID No.	:	APSEZ/DG-N-02/23/03/006			
Instrument Used for	:	SLM-100 , 268 DTF 2014			
Monitoring					

### Result

Sr.		Noise Level Average Leq dB(A)			
No.	Point	In Side DG Room (1 meter from D. G. Set Enclose)	Out Side DG Room (1 meter from D. G. Set Enclose)		
1	D. G. Set-2 (250 KVA)	95.48	70.64		
	Limit**	nent and Research Labs Pvt. Ltd.	75.0 dB(A)		

<sup>\*\*</sup>as per Noise limit for diesel generator sets (upto 1000 KVA) manufactured on or after the 1st January, 2005

Remarks:

Opinion & Interpretation (if required):

\*\*\*\*\* End of Report \*\*\*\*\*

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Nikunj D. Patel (Chemist) Page No.: 1 of 1

Jaivik S. Tandel (Manager - Operations) UERL/AIR/F-19/03