



CCS

Enviro Control LLP

(Formerly Known as Comet Consultancy Services)

Registered Office:
201/2/3/4, 2nd Floor, Sterling Apartments,
Opp. Alfred High School,
Jawahar Road, Rajkot - 360 001.
Tel.: +91 281 2225676, 2226399
E-mail: rjt@cometconserve.com
Website: www.cometconserve.com

TEST REPORT OF AMBIENT AIR QUALITY MONITORING

(XIth Quarter; April - 2021 to June - 2021)

To, The Senior Manager, Indian Oil Corporation Limited, Western Region Pipelines, (SMPL Shed), Village : Vadinar, District: Devbhoomi Dwarka.(Gujarat.)	Report No. : CCS/RJT/IOCL/XI-01-2021/75 Report Date : 20/04/2021 Customer's Reference : Work Order No.:25582835 Sample Description : Ambient Air Quality Sample Packing/Seal : Plastic Bottles & Filter Papers
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Date of Sample collection	13/04/2021
Dominant Wind Direction (From)	SW
Average Wind Speed	3 to 14 km/hrs.
Average Gaseous Flow Rate	0.5 LPM
Ambient Temperature	31
Relative Humidity	41 %

Sr. No.	Parameters	Unit	Permissible Limit	Near Admn. Building	Near Control Room	Near Security Main Gate
1.	Particulate Matter (PM _{2.5})	µg/m ³	60	16	19	21
2.	Particulate Matter (PM ₁₀)	µg/m ³	100	30	34	38
3.	Oxides Of Sulphur (SO _x)	µg/m ³	80	7.5	8.4	10.9
4.	Oxides of Nitrogen (NO _x)	µg/m ³	80	12.9	13.6	14.4
5.	Carbon Monoxide (CO)	µg/m ³	02	0.58	0.62	0.67
6.	Benzene	µg/m ³	05	0.31	0.33	0.38
7.	Benzo(a)pyrene (BaP)	µg/m ³	01	0.05	0.05	0.06

NOTE: Methods of Analysis Followed:

- (1). PM_{2.5}: IS 5182 (Part - XXIII)
- (2). PM₁₀: IS 5182 (Part - XXIII) 2006
- (3). SO₂: IS 5182 (Part - II) 1969
- (4). NO_x : IS 5182 (Part - VI) 1975
- (5). CO: IS 5182 (Part - X) 1976
- (6). Benzene: Gas Chromatography based continuous Analyser
- (7). Benzopyrene: Solvent Extraction followed by GC analysis

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Analyst



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TEST REPORT OF WATER ANALYSIS

(XIth Quarter; January – 2021 to March – 2021)

To, The Senior Manager, Indian Oil Corporation Limited, Western Region Pipelines, (SMPL Shed), Village : Vadinar, District: Devbhoomi Dwarka.(Gujarat.)	Report No. : CCS/RJT/IOCL/XI-01-2021/76 Report Date : 20/04/2021 Customer's Reference : Work Order No.:25582835 Sample Description : Oil Water Separator Outlet Sample Packing/Seal : Plastic Bottles
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Sr. No.	Parameters	Unit	Permissible Limit	Results
1.	Date of Sample Collection	----	----	13/04/2021
2.	Method of Sample Collection	----	----	"Grab"
3.	pH	pH Units	6.5 to 8.5	8.31
4.	Temperature	Deg. C	40	28
5.	Colour	Pt. Co. Scale	100	20
6.	Total Suspended Solids	mg/l	100	92
7.	Oil & Grease	mg/l	10	2.7
8.	Ammonical Nitrogen	mg/l	50	3.9
9.	Biochemical Oxygen Demand	mg/l	30	21
10.	Chemical Oxygen Demand	mg/l	100	85
11.	Chlorides	mg/l	600	384
12.	Sulphates	mg/l	1000	134
13.	Total Dissolved Solids	mg/l	2100	1689
14.	Percent Sodium	%	60.	42

Test Method :

Reference Standard Methods for the Examination of Water & Waste Water - Prepared & Published Jointly by American Public Health Association, American Water Works Association & Water Env. Federation (23rd Edition - 2017).


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Analyst