



ETL

ENVIRON TECH LABORATORIES

(NABL ACCREDITED LAB.)

Certificate No. T-1947

Department of Science & Technology, India

S.C.F. 40, Industrial Area, Sector -73 (Phase-7), S.A.S. Nagar (Mohali), Punjab
Tele/Fax : 0172-4630081, Mob. 94172-10081, Email : envrontechlab72@yahoo.com

Dated : 16/05/2015

TEST REPORT

To
M/s PACL LIMITED.
SCO-06, SECTOR-69,
MOHALI (PB)

Report No.	ETL/26/2015-16/87	Report Date	16.05.2015
Your Ref. No.	PACL/MHL/2288 Date - 09-12-2013	Type of sample	STP (OUT-LET)
Sample Code Given by Customer	Nil	Quantity	1 LITER
		Date of sampling	12.05.2015
		Date of sample receipt	12.05.2015
		Sample I.D.	ETL/05/2015-16/107
		Date of test	12.05.2015 - 16.05.2015

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.45	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002/ APHA 22 nd Edition
2.	Total Suspended Solids, mg/L	10	100	600	200	IS: 3025 (Part - 17)2002/ APHA 22 nd Edition
3.	Total Dissolved Solid, mg/L	415	2100	2100	2100	IS: 3025 (Part - 15)2006/ APHA 22 nd Edition
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	14	30	350	100	IS: 3025 (Part - 44)2003/ APHA 22 nd Edition
5.	Chemical Oxygen Demand, mg/L	44	250	No guideline	No guideline	IS: 3025 (Part - 58)2006/ APHA 22 nd Edition
6.	Oil and Grease, mg/L	02	10	20	10	IS: 3025 (Part - 39)2003/ APHA 22 nd Edition

Note:

1. The test report refers only to tested sample and applicable parameters.
2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
3. The sample will be destroyed after fifteen days from the date of issue of test report unless otherwise specified.



(Authorized Signatory)
RAMESHWAR KUMAR
Technical Manager
Environ Tech Laboratories



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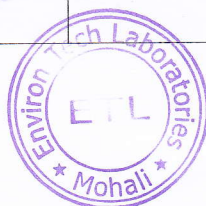
Dated : 16/05/2015

TEST REPORT

To
M/s PACL LIMITED.
SCO-06, SECTOR-69,
MOHALI (PB)

Report No.	ETL/26/2015-16/86	Report Date	16.05.2015
Your Ref. No.	Nil	Type of sample	Under Ground Tank Water
Sample Code Given by Customer	Nil	Quantity	1 Liter
		Date of sampling	12.05.2015
Name of Project	Pearls Residency Mohali	Date of sample receipt	12.05.2015
		Sample I.D.	ETL/05/2015-16/106
		Date of test	15.11.2015 - 26.11.2015

S. No.	Parameters	Results	Limits of IS: 10500 – 2012 Drinking Water		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1	pH	7.75	6.5 – 8.5	No relaxation	IS: 3025 (Part – 11) 2002/ APHA 22 nd Edition 2012
2	Total Dissolved Solids mg/l Max	345	500	2000	IS: 3025 (Part – 16) 2006/ APHA 22 nd Edition 2012
3	Alkalinity (as CaCO ₃) mg/l, Max	262	200	600	IS: 3025 (Part – 23) 2003/ APHA 22 nd Edition 2012
4	*Chloride (as Cl), mg/l, Max	15	250	1000	IS: 3025 (Part – 32) 2003/ APHA 22 nd Edition 2012
5	Sulphate (as SO ₄) mg/l, Max	18	200	400	IS: 3025 (Part – 24) 2003/ APHA 22 nd Edition 2012





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Dated : 16/05/2015

S. No.	Parameters	Results	Limits of IS: 10500 – 2012		Test method
			Drinking Water		
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
6	Nitrate (as NO ₃) mg/l, Max	03	45	No relaxation	IS: 3025(Part –34)2003/ APHA 22 nd Edition 2012
7	Fluoride (as F) mg/l Max	0.75	1.0	1.5	IS: 3025(Part –60)2008/ APHA 22 nd Edition 2012
8	Calcium (as Ca) mg/l Max	27	75	200	IS:3025 (Part 40)2003/ APHA 22 nd Edition 2012
9	Magnesium (as Mg) mg/l, Max	13	30	100	IS: 3025(Part – 46)2009/ APHA 22 nd Edition 2012
10	Total Hardness(as CaCO ₃) mg/l, Max	122	200	600	IS: 3025(Part – 21)2002/ APHA 22 nd Edition 2012
11	Sodium (as Na) mg/l Max	83	-	-	IS: 3025(Part –45)2009/ APHA 22 nd Edition 2012
12	Potassium (as K) mg/l Max	2.9	-	-	IS: 3025(Part –45)2009/ APHA 22 nd Edition 2012

Bacteriological Examination:-

S. NO.	PARAMETERS	TEST RESULTS	TEST METHOD
1.	E.coli as /100ml	NIL	IS 5887(Part-1)
2.	Coliform as MPN/100ml	NIL	IS 5401(Part-1)

Note: All Parameters are within permissible limit as prescribed by the IS : 10500-2012

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Dated : ...16/05/2015

TEST REPORT

To
M/s PACL LIMITED.
SCO-06, SECTOR-69,
MOHALI(PB)

Report Date : 16.05.2015 Report No. : ETL/26/2015-16/85
Your Ref. No : PACL/MHL-1061 Type of Sample : Noise Level Monitoring
Sample I.D. : ETL/05/2015-16/105 Date of Monitoring : 12.05.2015

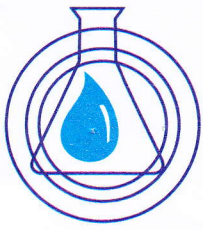
TECHNICAL DATA					
Project Name			PEARLS RESIDENCY, MOHALI		
Location of Monitoring Station			"Near Main Gate"		
Instrument Used for Monitoring			Noise Level Meter		
SR. NO.	LOCATION/AREA	RESULTS dB(A)LEQ		LIMITS IN dB(A) LEQ.	TEST METHOD
1	Near Main Gate	Day Time	52 dB (A)	55 dB (A)	IS:9989-1981 Reaff:2001
		Night Time	43 dB (A)	45 dB (A)	

Note: All Parameters are within limit as prescribed by the CPCB Guidelines -2010.

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Annexure-IV
Service Tax No. BPEPS9693PSD001
PAN No. BPEPS9693P

Dated : ..16/05/2015

TEST REPORT

To
M/s PACL LIMITED.
SCO-06, SECTOR-69,
MOHALI(PB)

Report Date 16.05.2015
Your Ref. No PACL/MHL-1061
Sample I.D. ETL/05/2015-16/103

Report No. ETL/26/2015-16/83
Type of Sample Ambient Air Sample
Date of Sampling 12.05.2015 to 13.05.2015
Date of Sample Receipt 13.05.2015
Date of test 13.05.2015 To 16.05.2015

TECHNICAL DATA		
1	Project Name	"PEARLS RESIDENCY, MOHALI"
2	Location of Sampling Station	"NEAR MAIN GATE"
3	Instrument Used for Sampling	Respirable Dust Sampler-I
4	Source of Sampling	Ambient Air
5	Temperature of Sampling Location	32°C
6	Environmental Condition	Max temp. 36°C Min temp. 20°C Clear Sky and wind direction west to east
7	Flow Rate of Sampling	1.0 LPM
8	Time Period for Sampling	1440 Minutes
9	Volume of Air Sampled	1.44 m ³

RESULTS				
S.NO	PARAMETER (µg/m ³)	RESULT	STANDARD (µg/m ³)	TEST METHOD
1.	PM ₁₀	52.1	100.0	IS:5182(Pt-23):2006
2.	PM _{2.5}	12.8	60.0	Gravimetric method and CPCB Guidelines
3.	SO ₂	5.1	80.0	IS:5182(Pt-2):2001
4.	NO ₂	15	80.0	IS:5182(Pt-6):2006
5.	CO mg/m ³	ND	2.0 mg/m ³	CPCB Guidelines-2010

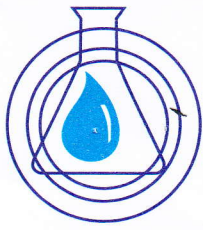
Note: All Parameters are within limit as prescribed by the CPCB Guidelines -2010.

ND: Not Detectable

1. Sample consumed in testing.
2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.




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E.T.L.

Service Tax No. BPEPS9693PSD001
PAN No. BPEPS9693P

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Dated : 16/05/2015

ANALYSIS REPORT

To
M/s PACL LIMITED.
SCO-06, SECTOR-69,
MOHALI(PB)

Report Date : 16.05.2015 Report No. : ETL/26/2015-16/84
Your Ref. No : PACL/MHL-1061 Type of Sample : D.G.Set-1 Stack Emission Monitoring
Sample I.D. : ETL/05/2015-16/104 Date of Sampling : 12.05.2015
Date of test : 12.05.2015 to 16.05.2015 Date of Sample Receipt : 12.05.2015

TECHNICAL DATA	
Project Name	PEARLS RESIDENCY MOHALI
Instrument Used for Sampling	Stack Monitoring Instrument
Source of Emission	D.G.Set (125 KVA) 1No. Stack Attached to D.G.Set
Fuel Used	H.S.D
Type of Stack	Round of M.S
Velocity of Flue Gases	12.8 m/s
Sampling Time	30 Min
Ambient Air Temp	32°C
Stack Temperature	168°C
Stack Height	3 m from G.L
Diameter of Stack	6"

SR. NO.	PARAMETERS	RESULTS	STANDARD	TEST METHOD
1	PM	54.8 mg/Nm ³	75.0 mg/Nm ³	IS:11255(Part-1):1985
2	SO ₂	5.8 mg/Nm ³	80.0 mg/Nm ³	IS:11255(Part-2):1985
3	NO _x	13.5 mg/Nm ³	80.0 mg/Nm ³	IS:11255(Part-7):2005
4	CO	18.7 mg/Nm ³	150 mg/Nm ³	CPCB Guidelines-2010
5	CO ₂	5.2%	---	CPCB Guidelines-2010
6	Hydrocarbon	ND	100 mg/Nm ³	CPCB Guidelines-2010

Note: All Parameters are within limit as prescribed by the CPCB Guidelines -2010.

ND: Not Detectable

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Testing of Water. Waste Water, Industrial Effluent, Soil, Monitoring of Ambient Air, Stack Emission & Noise.