PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA Phone: 0712-2612162/2612212 email: nagpur@mahabal.com



TEST REPORT

	Report No .:	ME-NG06566-230415- SA-LR-F	PUNE	Date: 15.04.2023
	ULR No.: TC748723000005989F			101
ame and ddress of Customer S. No. 74, Marunji, Tal- Mulshi, Dist-Pune			WO No.: Verbal WO Date: -	
Sample Description / Type	Domestic Effluent	Sample Collected by	Laboratory	
Sampling Location	STP Outlet R-4 th Avenu	Sample Quantity / Packing	2 L X 1 No. PVC 100 mL X 1 No. 1 L X 1 No. Glas 250 mL X 1 No. Bottle	PVC Can as Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure		rt I):1987 RA 2019; IS 1622:1981 Ed. 2017, 1060-B, 1-40; 9060 A,		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	15.04.2023	
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Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Pollution & Environment (Waste Water)			
1.	pH	4	7.5	APHA 23rd Ed. 2017, 4500-H+- B, 4-95
2.	Total Suspended Solids	mg/L	5	APHA 23# Ed. 2017, 2540-D, 2-70
3.	Biochemical Oxygen Demand (3days 27°C)	mg/L	4.2	IS 3025 (Part 44): 1993, Reaffirmed 2019
4.	Chemical Oxygen Demand	mg/L	14	APHA 23# Ed. 2017, 5220-B, 5-18
5.	Oil and Grease	mg/L	BQL (LOQ:1)	IS 3025 (Part 39): 1991, RA 2021, Amds.1
6	Total Dissolved Solids	mg/L	104	IS 3025 (Part 16):1984 RA 2017
7.	Ammonical Nitrogen (as NH ₃ - N)		BQL (LOQ:0.1)	APHA 23 rd Ed. 2017, 4500 NH3, F 4-119
8.	Phosphate Total (as P)	mg/L	0.251	APHA 234 Ed. 2017, 4500-P B, 4-160, E, 4-164
2	Discipline: Biological Testing; Product Group: Pollution & Environment (Effluent& Waste water)	Longer-		
9.	Faecal Coliforms	MPN/ 100mL	17	APHA 234 Ed. 2017,9221-8 & E, 9-69 & 9-77

END OF REPORT

Page 1 of 2 QF/SALE/02 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

Harish Mendhi Technical Manager Chemical Testing Shital Lakhorkar Group In-charge Biological Testing







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TEST REPORT



ME-NG06566-230415- SA-LR-PUNE Date: 15.04.2023 Report No .: ULR No .: TC748723000005989F

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Page 2 of 2 QF/SALE/02 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022



Harish Mendhi Technical Manager **Chemical Testing**

Shital Lakhorkar Group In-charge **Biological Testing**







PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA Phone: 0712-2612162/2612212 email: nagpur@mahabal.com



TEST REPORT

Report No .:	ME-NG06566N-230415- SA-LR-PUNE	Date: 15.04.2023
ULR No.:	-	

Name and Address of Customer	Life Republic	egrated Townships Ltd. unji, Tal- Mulshi, Dist-Pune	WO No.: Verbal WO Date:
Sample Description / Type	Domestic Effluent	Sample Collected by	Laboratory
Sampling Location	STP Outlet R-4 th Avenue	Sample Quantity / Packing	2 L X 1 No. PVC Can
Date of Sampling	07.04.2023 Date of Receipt of Sample		08.04.2023
Sampling Procedure	IS:3025(Part I):	1987 RA 2019; APHA 23rd Ed	. 2017, 1060-B, 1-40;
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	15.04.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Pollution & Environment (Waste Water)			
1.	Total Kjeldahl Nitrogen (as N)	rng/L	0.34	APHA 23rd Ed. 2017, 4500 NH3-B & C, 4-114, 4-116 or F 4-119 & 4500 NOrg, B-4-139

END OF REPORT

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Page 1 of 1 QF/SALE/02 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022





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TEST REPORT

Report No .:	ME-NG06567-230415- SA-LR-PUNE	Date: 15.04.2023
ULR No.:	TC748723000005990F	01

Name and Address of Customer	Life Republic	grated Townships Ltd. Inji, Tal- Mulshi, Dist-Pune	WO No.: Verbal WO Date: -
Sample Description / Type			Laboratory
Sampling Location	STP Outlet R-16 th Avenue	Sample Quantity / Packing	2 L X 1 No. PVC Can 100 mL X 1 No. PVC Can 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterilized Glass Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure		1987 RA 2019; IS 1622:1981 2017, 1060-B, 1-40; 9060 A, 9	
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	15.04.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Pollution & Environment (Waste Water)			
1.	pH	+	7.6	APHA 234 Ed. 2017, 4500-H B, 4-95
2.	Total Suspended Solids	mg/L	8	APHA 23rd Ed. 2017, 2540-D, 2-70
3.	Biochemical Oxygen Demand (3days 27°C)	mg/L	4.4	IS 3025 (Part 44): 1993, Reaffirmed 2019
4	Chemical Oxygen Demand	mg/L	16	APHA 234 Ed. 2017, 5220-8, 5-18
5.	Oil and Grease	mg/L	BQL (LOQ:1)	IS 3025 (Part 39): 1991, RA 2021, Amds.1
6.	Total Dissolved Solids	mg/L	117	IS 3025 (Part 16):1984 RA 2017
7.	Ammonical Nitrogen (as NH ₃ - N)		BQL (LOQ:0.1)	APHA 234 Ed. 2017, 4500 NH3, F 4-119
8.	Phosphate Total (as P)	mg/L	0.273	APHA 234 Ed. 2017, 4500-P B, 4-160, E, 4-164
No.	Discipline: Biological Testing; Product Group: Pollution & Environment (Effluent& Waste water)			
9.	Faecal Coliforms	MPN/ 100mL	11	APHA 234 Ed. 2017,9221-8 & E, 9-69 & 9-77

END OF REPORT

Page 1 of 2 QF/SALE/02 Issue No 03 Date 05.12.2019 Amd 01 Date 24.12.2022

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Harish Mendhi Technical Manager Chemical Testing Shital Lakhorkar Group In-charge Biological Testing







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TEST REPORT

Report No.:	ME-NG06567N-230415- SA-LR-PUNE	Date: 15.04.2023
ULR No.:		

Name and Address of Customer	Life Republic	grated Townships Ltd. Inji, Tal- Mulshi, Dist-Pune	WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sample Collected by	Laboratory
Sampling Location	STP Outlet R-16 th Avenue	Sample Quantity / Packing	2 L X 1 No. PVC Can
Date of Sampling	07.04.2023 Date of Receipt of Sample		08.04.2023
Sampling Procedure	IS:3025(Part I):	1987 RA 2019; APHA 23 rd Ed	i. 2017, 1060-B, 1-40;
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	15.04.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Pollution & Environment (Waste Water)			
1.	Total Kjeldahl Nitrogen (as N)	mg/L	0.28	APHA 23rd Ed. 2017, 4500 NH3-8 & C, 4-114, 4-116 or F 4-119 & 4500 NOrg, B-4-139

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TEST REPORT

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Date: 17.04.2023 ME-NG06568-230417- SA-LR-PUNE Report No.: TC748723000005991F ULR No .: WO No .: Verbal Kolte Patil Integrated Townships Ltd. Name and WO Date: Life Republic Address of Customer S. No. 74, Marunji, Tal- Mulshi, Dist-Pune Domestic Sample Collected by Laboratory Sample Description / Type Effluent 2 L X 1 No. PVC Can R-6th Avenue Sample Sampling Location 100 mL X 1 No. PVC Can Quantity / Packing 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterilized Glass Bottle 08.04.2023 07.04.2023 Date of Receipt of Sample Date of Sampling

Sampling Procedure	IS:3025(Part I):1987 RA 2019; IS 1622:1981 RA 2019, APHA 23 st Ed. 2017, 1060-B, 1-40; 9060 A, 9-36				
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	15.04.2023		

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Pollution & Environment (Waste Water)			
1.	pH		7.6	APHA 23# Ed. 2017, 4500-H*- 8, 4-95
2.	Total Suspended Solids	mg/L	9	APHA 23# Ed. 2017, 2540-D, 2-70
3.	Biochemical Oxygen Demand (3days 27°C)	mg/L	4.6	IS 3025 (Part 44): 1993, Reaffirmed 2019
4.	Chemical Oxygen Demand	mg/L	16	APHA 23# Ed. 2017, 5220-B, 5-18
5	Oil and Grease	mg/L	BQL (LOQ:1)	IS 3025 (Part 39): 1991, RA 2021, Amds.1
6.	Total Dissolved Solids	mg/L	110	IS 3025 (Part 16):1984 RA 2017
7.	Ammonical Nitrogen (as NH ₂ -N)		BQL (LOQ:0.1)	APHA 23# Ed. 2017, 4500 NH3, F 4-119
8.	Phosphate Total (as P)	mg/L	0.210	APHA 23 . Ed. 2017, 4500-P B, 4-160, E, 4-164
3	Discipline: Biological Testing; Product Group: Pollution & Environment (Effluent& Waste water)			
9.	Faecal Coliforms	MPN/ 100mL	6.8	APHA 23º Ed. 2017,9221-B & E, 9-69 & 9-77

END OF REPORT

Page 1 of 2 QF/SALE/02 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

Harish Mendhi Technical Manager Chemical Testing

Shital Lakhorkar Group In-charge **Biological Testing**







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Technical Manager Chemical Testing Shital Lakhorkar Group In-charge Biological Testing









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TEST REPORT

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Date of Start of Analysis

	Report No.:	ME-NG06568N-230417- SA-LR-	Date: 17.04.2023	
E C STA	ULR No.:			121
Name and Address of Customer S. No. 74, Marunji, Tal- Mulshi, Dist-Pune		WO No.: Verbal WO Date: -		
Sample Description / Type	Domestic Effluent	Sample Collected by	Laboratory	
Sampling Location	R-6 th Avenu	e Sample Quantity / Packing	2 L X 1 No. PVC	Can
Date of Sampling	07.04.2023	Date of Receipt of Sample	08 04 2023	
Sampling Procedure	IS:3025(Par	t I): 1987 RA 2019; APHA 23rd Ed	2017, 1060-B, 1-	40;

15.04 2023

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Pollution & Environment (Waste Water)			
1.	Total Kjeldahl Nitrogen (as N)	mg/L	0,45	APHA 23rd Ed. 2017, 4500 NH3-B & C, 4-114, 4- 116 or F 4-119 & 4500 NOrg, B-4-139

Date of Completion of

Analysis

END OF REPORT

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2. LOQ: Limit of Quantification.

08.04.2023

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TEST REPORT

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Date: 17.04.2023 ME-NG06569-230417- SA-LR-PUNE Report No .: ULR No : TC748723000005992F Kolte Patil Integrated Townships Ltd. WO No ! Verbal Name and WO Date: Life Republic Address of Customer S. No. 74, Marunji, Tal- Mulshi, Dist-Pune Domestic Sample Collected by Laboratory Sample

Description / Type	Effluent		
Sampling Location	R-7 th Avenue Sample Quantity / Packing		2 L X 1 No. PVC Can 100 mL X 1 No. PVC Can 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterilized Glass Bottle
Date of Sampling 07.04.2023		Date of Receipt of Sample	08.04.2023
Sampling Procedure	mpling Procedure IS:3025(Part I):1987 RA 2019; IS 1622:1981 RA 2019, APHA 23 rd Ed. 2017, 1060-B, 1-40; 9060 A, 9-36		
		Date of Completion of Analysis	15.04.2023
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Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Pollution & Environment (Waste Water)			
1.	pH	*	7.3	APHA 23 ^{td} Ed. 2017, 4500-H*- B, 4-95
2.	Total Suspended Solids	mg/L	BQL (LOQ:5)	APHA 23 rd Ed. 2017, 2540-D, 2-70
3.	Biochemical Oxygen Demand (3days 27°C)	mg/L	3.1	IS 3025 (Part 44): 1993, Reaffirmed 2019
4.	Chemical Oxygen Demand	mg/L	11	APHA 23rt Ed. 2017, 5220-B, 5-18
5.	Oil and Grease	mg/L	BQL (LOQ:1)	IS 3025 (Part 39): 1991, RA 2021, Amds.1
6.	Total Dissolved Solids	mg/L	59	IS 3025 (Part 16):1984 RA 2017
7.	Ammonical Nitrogen (as NH ₃ -N)		BQL (LOQ:0.1)	APHA 23# Ed. 2017, 4500 NH3, F 4-119
8.	Phosphate Total (as P)	mg/L	0.213	APHA 23° Ed. 2017, 4500-P B, 4-160, E, 4-164
	Discipline: Biological Testing; Product Group: Pollution & Environment (Effluent& Waste water)			
9.	Faecal Coliforms	MPN/ 100mL	9.3	APHA 23* Ed. 2017,9221-8 & E, 9-69 & 9-77

END OF REPORT

Page 1 of 2 QF/SALE/02 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

Shital Lakhorkar Group In-charge **Biological Testing**







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Page 2 of 2 QF/SALE/02 Issue No 03 Date 05.12 2019. Amd 01 Date 24.12.2022 Harish Mendhi Technical Manager Chemical Testing

Shital Lakhorkar Group In-charge Biological Testing









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TEST REPORT

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Date: 17.04.2023 ME-NG06569N-230417- SA-LR-PUNE Report No .: ULR No .: . WO No !! Verbal Kolte Patil Integrated Townships Ltd. Name and WO Date: Life Republic Address of Customer S. No. 74, Marunji, Tal- Mulshi, Dist-Pune Sample Collected by Laboratory Sample Domestic Description / Type Effluent 2 L X 1 No. PVC Can R-7th Avenue Sample Sampling Location Quantity / Packing

Date of Receipt of Sample 08 04 2023 07.04.2023 Date of Sampling IS:3025(Part I):1987 RA 2019; APHA 23rd Ed. 2017; 1060-B, 1-40; Sampling Procedure 15.04.2023 08.04.2023 Date of Completion of Date of Start of Analysis Analysis

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Pollution & Environment (Waste Water)			
1.	Total Kjeldahl Nitrogen (as N)	mg/L	0.34	APHA 23rd Ed. 2017, 4500 NH3-B & C, 4-114, 4- 116 or F 4-119 & 4500 NOrg, B-4-139

END OF REPORT

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TEST REPORT



	Report No.:	ME-NG06573-230420-SA-LIF	Date: 20.04.2023	
IN TA	ULR No.:	TC748723000005977F		1-1
Address of Customer Life Republic		egrated Townships Ltd. runji, Tal- Mulshi, Dist-Pune	WO No.: Verbal WO Date: -	
		Sample Collected by	Laboratory	
		Sample Quantity / Packing	2L X 1 No. PVC Can 500 mL X 1 No. PVC Can 250 mL X 1 No. Sterilized Glass Bottle	
Date of Sampling	ate of Sampling 07.04.2023 Date		08.04.2023	
Sampling Procedure IS:3025(Part		1987 RA 2019; IS 1622:1981 2017, 1060-B, 1-40; 9060 A,	1 RA 2019, 9-36	
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	19.04.2023	

Sr. No.	Parameter	Unit	Result	#Limit	\$Limit	Method Reference
	Discipline: Chemical Testing: Product Group: Water (Drinking Water)					
1.	Colour	Hazen	BQL (LOQ:1)	5 Мак.	15 Max.	APHA 23# Ed. 2017, 2120-B, 2-6
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 05):1984, RA 2018
3.	Turbidity	NTU	0.3	1 Max.	5 Max.	APHA 23rd Ed. 2017, 2130-B, 2-13
4.	pH	-	7.5	6.5 to 8.5	No relaxation	APHA 23 st Ed. 2017, 4500-H*-B, 4- 95
5.	Residual Free Chlorine	mg/L	BQL (LOQ:0.05)	0.2 Min.	1.0 Min.	APHA 23* Ed. 2017, 4500-Cl G, 4- 72
6.	Chloramines (as Cl ₂)	mg/L	BQL (LOQ:0.05)	4.0 Max.	No relaxation	APHA 23 st Ed. 2017, 4500-Cl G, 4- 72
7.	Total Dissolved Solids	mg/L	81	500 Max.	2000 Max.	IS 3025 (Part 16):1984 RA 2017, Ed.2.1 (1999-12)
8.	Alkalinity Total (as CaCO ₃)	mg/L	48	200 Max.	600 Max.	APHA 234 Ed. 2017, 2320-B, 2-36
9.	Total Hardness (as CaCO ₃)	mg/L	60	200 Max.	600 Max.	APHA 23* Ed. 2017, 2340-C, 2-48
10.	Chloride (as Cl)	mg/L	8.0	250 Max.	1000 Max.	APHA 23 rd Ed. 2017, 4500-Cl-B, 4- 75

Page 1 of 3 QF/SALE/02 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

Harlsh Mendhi Technical Manager Chemical Testing

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ME-NG06573-230420-SA-LIFER-PUNE

TEST REPORT

Report No .:



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-	UL	R No.:	TC7487230000	05977F		100	1
Sr. No.	Parameter	Unit	Result	#Limit	\$Limit	Method Ref	erence
11.	Sulphate (as SO ₄)	mg/L	3.5	200 Max.	400 Max.	APHA 23# E 4-199	id. 2017, 4500- SO4-E.
12	Nitrate (as NO ₃)	mg/L	BQL (LOQ:0.5)	45 Max.	No relaxation	APHA 23# E 131	id. 2017, 4500-NO ₃ , E 4-
13.	Calcium (as Ca)	mg/L	15.2	75 Max.	200 Max.	APHA 23# E 69	d. 2017, 3500-Ca-B, 3-
14.	Magnesium (as Mg)	mg/L	5.4	30 Max.	100 Max.	APHA 23 rd 8 86	d. 2017, 3500-Mg- B, 3-
15.	Fluoride (as F)	mg/L	0.12	1 Max.	1.5 Max.	APHA 23** 8 90	5d. 2017, 4500-F, D, 4-
16.	Ammonia/Ammonical Nitrogen	mg/L	BQL (LOQ:0.1)	0.5 Max.	No relaxation	APHA 23# 8 4-119	Ed. 2017, 4500 NH3- F,
17.	Sulphide	mg/L	BQL (LOQ:0.08)	0.05 Max.	No relaxation	APHA 23# 1 183, F-4-18	Ed. 2017, 4500-S-C-4- 7
18.	Anionic detergents as MBAS	mg/L	BQL (LOQ:0.1)	0.2 Max.	1.0 Max.	APHA 23 rd 8	Ed. 2017, 5540-C, 5-55
19.	Phenolic compounds (a CeHsOH)	is mg/L	BQL (LOQ:0.001)	0.001 Max.	0.002 Max.	APHA 23# 8 5-49, 5-50	Ed. 2017, 5530- B & C,
	Residues in water (Trace metal Element	1					
20.	Iron (as Fe)	mg/L	0.077	1.0 Max.	No relaxation	IS:3025 (Pa	rt 2), 2019
21.	Manganese (as Mn)	mg/L	0.12	0.1 Max.	0.3 Max.	IS 3025 (Pa	rt 2): 2019
22.		mg/L	BQL (LOQ:0.025)	0.03 Max.	0.2 Max.	APHA 23 rd 63	Ed. 2017, 3500-Al-B, 3-
23.	Copper (as Cu)	mg/L	BQL (LOQ:0.01)	0.05 Max.	1.5 Max.	IS 3025 (Pa	eft 2): 2019
24.	Zinc (as Zn)	mg/L	BQL (LOQ:0.02)	5 Max.	15 Max.	IS 3025(F	Part 2): 2019
25.	Selenium (as Se)	mg/L	BQL (LOQ:0.01)	0.01 Max.	No relaxation	IS 3025(F	Part 2): 2019
in the	Discipline: Biological Testing: Product Group: Water (Drinkin water)						-
26.	Total Coliforms	/100ml	L Absent	Shall not be detectable in any 100 mL Sample.	*	IS 15185:2	016

Page 2 of 3 QF/SALE/02 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

Harish Mendhi Technical Manager Chemical Testing

Shital Lakhorkar Group In-charge Biological Testing





Date: 20.04.2023

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TEST REPORT



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No. 27.

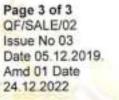
	Report No.:	ME-NG06573	230420-SA-LI	FER-PUN	IE Date: 20.04.2023
1	ULR No.:	TC748723000	005977F		
Parameter	Unit	Result	#Limit	\$Limit	Method Reference
Escherichia coli	/100m	L Absent	Shall not be		IS 15185:2016

detectable in any 100 mL Sample.

END OF REPORT

Note: 1. BQL: Below Quantification Limit.

- 2. LOQ: Limit of Quantification.
- 3. #: Acceptable Limit as per IS 10500:2012; RA 2018.
- 4. \$ Permissible Limit in the Absence of Alternate Source as per IS 10500:2012 RA 2018
- 5. The result listed refers only to the tested sample(s) and applicable parameter(s).
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TEST REPORT



Report No.:	ME-NG06573N-230420-SA-SAMPADA-PUNE	Date: 20.04.2023
ULR No.:		1

Name and Address of Customer	Life Republic	grated Townships Ltd. Inji, Tal- Mulshi, Dist-Pune	WO No.: WO Date:	Verbal
Sample Description / Type	Drinking water	Sample Collected by	Laboratory	
Sampling Location	WTP Plant Water	Sample Quantity / Packing	1L X 1 No. F	VC Can
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	IS:3025(Part I):	1987 RA 2019; APHA 23 rd Ed	. 2017, 1060-	B, 1-40
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	19.04.2023	

Sr. No.	Parameter	Unit	Result	#Limit	ŞLimit	Method Reference
	Discipline: Chemical Testing: Product Group: Water (Drinking Water)					
1.	*Mineral Oil	mg/L	BQL (LOQ:1)	1.0 Max.	No relaxation	APHA 23rd Ed. 5520:2017

END OF REPORT

Note: 1. BQL: Below Quantification Limit.

2. LOQ: Limit of Quantification.

- 3. #: Acceptable Limit as per IS 10500:2012; RA 2018.
- 4. \$ Permissible Limit in the Absence of Alternate Source as per IS 10500:2012 RA 2018
- 5. Parameters, Product Group marked with * indicates Subcontracted testing.
- 6. The result listed refers only to the tested sample(s) and applicable parameter(s).
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TEST REPORT

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Analysis

	Report No.: M	E-NG06559-230413- SA-LF	R-PUNE	Date: 13.04.2023
And the set	ULR No.: TO	C748723000005982F	_	Ed
Name and Address of Customer	Life Republic	rated Townships Ltd. ji, Tal- Mulshi, Dist-Pune	WO No.: Ve WO Date: -	erbal
Sample Description / Type	Stack Emission	Sample Collected by	Laboratory	
Sampling Location	DG Set 50 kVA (OWC)	Sample Quantity / Packing	Thimble: 1 X 1 No. SO2:30 mL X 1 No. PVC Bottle NOx:25 mL X 1 No. PVC Bottle	
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	As per method rel	ference		
Date of Start of	08.04.2023	Date of Completion of	12.04.2023	

Stack Details		
Stack Identity	DG Set 50 kVA	
Stack attached to	DG Set 50 kVA	
Material of construction	M.S.	
Stack height above ground level (Meter)	7	
Stack Diameter (Meter)	0.10	
Stack shape at top	Round	
Type of fuel	Diesel	
Fuel Consumption (L/h)	5	

Analysis

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Stack Emission)			
1	Flue gas Temperature	°C	102	IS 11255 (Part 3):2008; RA 2018
2	Flue gas Velocity	m/s	6.4	IS 11255 (Part 3):2008; RA 2018
3	Total gas quantity	Nm³/h	144	IS 11255 (Part 3):2008; RA 2018
4	Particulate Matter (PM)	mg/Nm ³	22	IS 11255 (Part 1):1985 RA 2019
5	Sulphur Dioxide (SO ₂)	mg/Nm ³	13	IS 11255 (Part 2): 1985; RA 2019
6	Oxides of Nitrogen (NOx)	mg/Nm ³	149	IS 11255 (Part 7): 2005; RA 2017

END OF REPORT

Page 1 of 2 QF/SALE/04 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

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Harish Mendhi Technical Manager **Chemical Testing**







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TEST REPORT



Report No.:	ME-NG06559-230413- SA-LR-PUNE	Date: 13.04.2023
ULR No.:	TC748723000005982F	1

Note: 1. BQL: Below Quantification Limit

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TEST REPORT

Report N	0.: ME-NG06559N-230413- SA-LR-PUNE	Date: 13.04.2023
ULR No.	•	101

Name and Address of Customer	Life Republic	rated Townships Ltd. ji, Tal- Mulshi, Dist-Pune	WO No.: WO Date:	Verbal
Sample Description / Type	Stack Emission	Sample Collected by	Laboratory	
Sampling Location	DG Set 50 kVA (OWC)	Sample Quantity / Packing	SO2:30 mL X 1 No. PVC Bottle	
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	As per method rel	ference		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	12.04.2023	

DG Set 50 kVA	
DG Set 50 kVA	
M.S.	
7	
0.10	
Round	
Diesel	
5	
	DG Set 50 kVA M.S. 7 0.10 Round Diesel

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Atmospheric Pollution (Stack Emission)			
1	Sulphur Dioxide (SO2)	kg/d	0.045	IS 11255 (Part 2):1985; RA 2019

END OF REPORT

Note: 1. BQL: Below Quantification Limit

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TEST REPORT

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Penert No :	ME NO06560 220412 SA LE	Date: 13.04 2023	
ULR No.:	TC748723000005983F	Date: 15.04.2025	
Life Republic		WO No Ve WO Date: -	erbal
Stack Emissio	n Sample Collected by	Laboratory	
		Thimble: 1 X 1 No. SOz:30 mL X 1 No. PVC Bottle NOx:25 mL X 1 No. PVC Bottle	
07.04.2023	Date of Receipt of Sample	08.04.2023	
As per method	I reference		
08.04.2023	Date of Completion of Analysis	12.04.2023	
	Kolte Patil Inf Life Republic S. No. 74, Ma Stack Emissio DG Set 50 kV (Labour Camp 07.04.2023 As per method	ULR No.: TC748723000005983F Kolte Patil Integrated Townships Ltd. Life Republic S. No. 74, Marunji, Tal- Mulshi, Dist-Pune Stack Emission Sample Collected by DG Set 50 kVA (Labour Camp) Sample Quantity / Packing 07.04.2023 Date of Receipt of Sample As per method reference 08.04.2023 Date of Completion of	ULR No.: TC748723000005983F Kolte Patil Integrated Townships Ltd. Life Republic S. No. 74, Marunji, Tal- Mulshi, Dist-Pune WO No.: Ve WO Date: Stack Emission Sample Collected by Laboratory DG Set 50 kVA (Labour Camp) Sample Quantity / Packing Thimble: 1 X 1 N SOz:30 mL X 1 N NOx:25 mL X 1 N NOx:25 mL X 1 N 07.04.2023 Date of Receipt of Sample 08.04.2023 As per method reference 08.04.2023

Stack Details	
Stack Identity	DG Set 50 kVA
Stack attached to	DG Set 50 kVA
Material of construction	M.S.
Stack height above ground level (Meter)	5
Stack Diameter (Meter)	0.10
Stack shape at top	Round
Type of fuel	Diesel
Fuel Consumption (L/h)	4

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Stack Emission)			
1	Flue gas Temperature	°C	97	IS 11255 (Part 3):2008; RA 2018
2	Flue gas Velocity	m/s	6.7	IS 11255 (Part 3):2008; RA 2018
3	Total gas quantity	Nm³/h	151	IS 11255 (Part 3):2008; RA 2018
4	Particulate Matter (PM)	mg/Nm ³	21	IS 11255 (Part 1):1985 RA 2019
5	Sulphur Dioxide (SO ₂)	mg/Nm ³	BQL (LOQ:10)	IS 11255 (Part 2):1985; RA 2019
6	Oxides of Nitrogen (NOx)	mg/Nm ³	156	IS 11255 (Part 7): 2005; RA 2017

END OF REPORT

Page 1 of 2 QF/SALE/04 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

Juleniz

Harish Mendhi Technical Manager Chemical Testing





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Report No.:	ME-NG06560-230413- SA-LR-PUNE	Date: 13.04.2023
ULR No.	TC748723000005983F	1

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TEST REPORT

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Date: 13.04.2023 ME-NG06560N-230413- SA-LR-PUNE Report No.: ULR No .: Kolte Patil Integrated Townships Ltd. WO No .: Verbal Name and

Address of Customer	Life Republic S. No. 74, Marunji	, Tal- Mulshi, Dist-Pune	WO Date: -
Sample Description / Type	Stack Emission	Sample Collected by	Laboratory
Sampling Location	DG Set 50 kVA (Labour Camp)	Sample Quantity / Packing	SO2:30 mL X 1 No. PVC Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	As per method refe	rence	
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	12.04.2023

Stack Details		
Stack Identity	DG Set 50 kVA	
Stack attached to	DG Set 50 kVA	
Material of construction	M.S.	
Stack height above ground level (Meter)	5	
Stack Diameter (Meter)	0.10	
Stack shape at top	Round	
Type of fuel	Diesel	
Fuel Consumption (L/h)	4	

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Atmospheric Pollution (Stack Emission)			
1	Sulphur Dioxide (SO ₂)	kg/d	BQL (LOQ: 0.036)	IS 11255 (Part 2): 1985; RA 2019

END OF REPORT

Note: 1. BQL: Below Quantification Limit

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TEST REPORT



3.365	Report No.:	ME-NG06561-230413- SA-L	Date: 13.04.2023	
Dest	ULR No.:	TC748723000005984F	121	
Name and Address of Customer	Life Republic	tegrated Townships Ltd. runji, Tal- Mulshi, Dist-Pune	WO No.: V WO Date:	/erbal
Sample Description / Type	Stack Emissio	n Sample Collected by	Laboratory	
Sampling Location	DG Set 200 k (Jackwell Pun House)		Thimble: 1 X 1 No. SO ₂ :30 mL X 1 No. PVC Bottle NOx:25 mL X 1 No. PVC Bottle	
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	As per method	d reference		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	12.04.2023	

Stack Details		
Stack Identity	DG Set 200 kVA	
Stack attached to	DG Set 200 kVA	
Material of construction	M.S.	
Stack height above ground level (Meter)	5	
Stack Diameter (Meter)	0.10	
Stack shape at top	Round	
Type of fuel	Diesel	
Fuel Consumption (L/h)	17	

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Stack Emission)			
1	Flue gas Temperature	°C	109	IS 11255 (Part 3):2008; RA 2018
2	Flue gas Velocity	m/s	7.1	IS 11255 (Part 3):2008; RA 2018
3	Total gas quantity	Nm ³ /h	156	IS 11255 (Part 3):2008; RA 2018
4	Particulate Matter (PM)	mg/Nm ³	20	IS 11255 (Part 1): 1985 RA 2019
5	Sulphur Dioxide (SO ₂)	mg/Nm ³	16	IS 11255 (Part 2): 1985; RA 2019
6	Oxides of Nitrogen (NOx)	mg/Nm ³	184	IS 11255 (Part 7): 2005; RA 2017

END OF REPORT

Page 1 of 2 QF/SALE/04 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

ulenus Harish Mendhi

Technical Manager **Chemical Testing**







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TEST REPORT



Report No.:	ME-NG06561-230413- SA-LR-PUNE	Date: 13.04.2023
ULR No .:	TC748723000005984F	

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TEST REPORT

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 Report No.:
 ME-NG06561N-230413- SA-LR-PUNE
 Date: 13.04.2023

 ULR No.:

Name and Address of Customer	Life Republic	ted Townships Ltd. , Tal- Mulshi, Dist-Pune	WO No.: WO Date:	Verbal
Sample Description / Type	Stack Emission	Sample Collected by	Laboratory	- Y.
Sampling Location	DG Set 200 kVA (Jackwell Pump House)	Sample Quantity / Packing	SO2:30 mL)	K 1 No. PVC Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	As per method refe	rence		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	12.04.2023	

Stack Details	
Stack Identity	DG Set 200 kVA
Stack attached to	DG Set 200 kVA
Material of construction	M.S.
Stack height above ground level (Meter)	5
Stack Diameter (Meter)	0.10
Stack shape at top	Round
Type of fuel	Diesel
Fuel Consumption (L/h)	17

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Atmospheric Pollution (Stack Emission)			
1	Sulphur Dioxide (SO ₂)	kg/d	0.060	IS 11255 (Part 2): 1985; RA 2019

END OF REPORT

Note: 1. BQL: Below Quantification Limit

2. LOQ: Limit of Quantification

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	Report No .:	ME-NG06562-230413- SA-LF	R-PUNE	Date: 13.04.2023
Enter States	ULR No.:	TC748723000005985F		101
Name and Address of Customer	Life Republic	egrated Townships Ltd. unji, Tal- Mulshi, Dist-Pune	WO No.: V WO Date: -	erbal
Sample Description / Type	Stack Emission	a Sample Collected by	Laboratory	- Y
Sampling Location	DG Set 125 kV (Fire Section)	A Sample Quantity / Packing	Thimble: 1 X 1 No. SO2:30 mL X 1 No. PVC Bottle NOx:25 mL X 1 No. PVC Bottle	
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	As per method	reference		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	12.04.2023	

Stack Details	
Stack Identity	DG Set 125kVA
Stack attached to	DG Set 125kVA
Material of construction	M.S.
Stack height above ground level (Meter)	5
Stack Diameter (Meter)	0.10
Stack shape at top	Round
Type of fuel	Diesel
Fuel Consumption (L/h)	4

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Stack Emission)			
1	Flue gas Temperature	°C	97	IS 11255 (Part 3):2008; RA 2018
2	Flue gas Velocity	m/s	6.5	IS 11255 (Part 3):2008; RA 2018
3	Total gas quantity	Nm ³ /h	148	IS 11255 (Part 3):2008; RA 2018
4	Particulate Matter (PM)	mg/Nm ³	20	IS 11255 (Part 1):1985 RA 2019
5	Sulphur Dioxide (SO ₂)	mg/Nm ³	13	IS 11255 (Part 2):1985; RA 2019
6	Oxides of Nitrogen (NOx)	mg/Nm ³	148	IS 11255 (Part 7): 2005; RA 2017

END OF REPORT

Page 1 of 2 QF/SALE/04 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

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Harish Mendhi Technical Manager Chemical Testing







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TEST REPORT



Report No .:	ME-NG06562-230413- SA-LR-PUNE	Date: 13.04.2023
ULR No .:	TC748723000005985F	1

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TEST REPORT

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Report No.	ME-NG06562N-230413- SA-LR-PUNE	Date: 13.04.2023
ULR No .:	-	

Name and Address of Customer	Life Republic	ated Townships Ltd. i, Tal- Mulshi, Dist-Pune	WO No.: Verbal WO Date: -
Sample Description / Type	Stack Emission	Sample Collected by	Laboratory
Sampling Location	DG Set 125 kVA (Fire Section)	Sample Quantity / Packing	SO2:30 mL X 1 No. PVC Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	As per method reference		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	12.04.2023

Stack Details		
Stack Identity	DG Set 125kVA	
Stack attached to	DG Set 125kVA	
Material of construction	M.S.	
Stack height above ground level (Meter)	5	
Stack Diameter (Meter)	0.10	
Stack shape at top	Round	
Type of fuel	Diesel	
Fuel Consumption (L/h)	4	

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Stack Emission)			
1	Sulphur Dioxide (SO ₂)	kg/d	0.060	IS 11255 (Part 2):1985; RA 2019

END OF REPORT

Note: 1. BQL: Below Quantification Limit

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	Report No .:	ME-NG06563-230413- SA-LE	R-PUNE	Date: 13.04.2023
En CE /C	ULR No.:	TC748723000005986F		1
Name and Address of Customer	Life Republic	egrated Townships Ltd. runji, Tal- Mulshi, Dist-Pune	WO No.: V WO Date:	erbal
Sample Description / Type	Stack Emissio	n Sample Collected by	Laboratory	
Sampling Location	DG Set 125 kV (WTP Plant Room)	/A Sample Quantity / Packing	Thimble: 1 X 1 I SO ₂ :30 mL X 1 NOx:25 mL X 1	No. PVC Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	As per method reference			
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	12.04.2023	

Stack Details	
Stack Identity	DG Set 125kVA
Stack attached to	DG Set 125kVA
Material of construction	M.S.
Stack height above ground level (Meter)	4
Stack Diameter (Meter)	0.10
Stack shape at top	Round
Type of fuel	Diesel
Fuel Consumption (L/h)	12

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing: Product Group: Atmospheric Pollution (Stack Emission)			
1	Flue gas Temperature	°C	99	IS 11255 (Part 3):2008; RA 2018
2	Flue gas Velocity	m/s	6.8	IS 11255 (Part 3):2008; RA 2018
3	Total gas quantity	Nm ³ /h	153	IS 11255 (Part 3):2008; RA 2018
4	Particulate Matter (PM)	mg/Nm ³	26	IS 11255 (Part 1):1985 RA 2019
5	Sulphur Dioxide (SO2)	mg/Nm ³	32	IS 11255 (Part 2):1985; RA 2019
6	Oxides of Nitrogen (NOx)	mg/Nm ³	156	IS 11255 (Part 7): 2005; RA 2017

END OF REPORT

Page 1 of 2 QF/SALE/04 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022

Whent Harish Mendhi

Technical Manager Chemical Testing







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Report No .:	ME-NG06563-230413- SA-LR-PUNE	Date: 13.04.2023
ULR No.:	TC748723000005986F	and a second

Note: 1. BQL: Below Quantification Limit

- 2. LOQ: Limit of Quantification
- 3. The result listed refers only to the tested sample(s) and applicable parameter(s).
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TEST REPORT

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 Report No.:
 ME-NG06563N-230413- SA-LR-PUNE
 Date: 13.04.2023

 ULR No.:

Name and Address of Customer	Life Republic	ted Townships Ltd. , Tal- Mulshi, Dist-Pune	WO No.: WO Date:	Verbal
Sample Description / Type	Stack Emission	Sample Collected by	Laboratory	
Sampling Location	DG Set 125 kVA (WTP Plant Room)	Sample Quantity / Packing	SO2:30 mL X	1 No. PVC Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	As per method refe	rence		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	12.04.2023	

Stack Details		
Stack Identity	DG Set 125kVA	
Stack attached to	DG Set 125kVA	
Material of construction	M.S.	
Stack height above ground level (Meter)	5	
Stack Diameter (Meter)	0.10	
Stack shape at top	Round	
Type of fuel	Diesel	
Fuel Consumption (L/h)	4	

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Stack Emission)			
1	Sulphur Dioxide (SO ₂)	kg/d	0.118	IS 11255 (Part 2):1985; RA 2019

END OF REPORT

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TEST REPORT

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22,229	Report No.: ME-NG06572-230420- SA-LR-PUNI		PUNE	Date: 20.04.2023	
ULR No.: TC74872300		TC748723000005995F	3000005995F		
Name and Address of Customer	Life Republic	rated Townships Ltd. nji, Tal- Mulshi, Dist-Pune	WO No.: Verbal WO Date: -		
Sample Description / Type	Soil	Sample Collected by	Laboratory		
Sampling Location	Project Site	Sample Quantity / Packing	1 kg X 1 No	. Polythene Bag	
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023		
Sampling Procedure	Manual of Soil To Agriculture, Govt	esting, Department of Agriculture a	& Cooperation,	Ministry of	
Date of Start of Analysis	10.04.2023	Date of Completion of Analysis	20.04.2023		

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Pollution & Environment (Soil)			
1.	pH (1+5)		8.4	FAO 1976, Sec.III,1, Page No. 65
2.	Organic Carbon	%	0.327	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4-17, Page No 83.
3.	Moisture Content	%	9.89	IS 2720 (Part II): 1973, RA 2002, Ed. 3.1
4.	Available Nitrogen	mg/kg	56.0	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4 -17, Page No 89
5.	Available Phosphorous	mg/kg	12.0	FAO Sec. III .12-1 Page no-157
6	Total Cadmium	mg/kg	BQL (LOQ:2)	USEPA/SW 846 Method 3050B, Rev 2; Dec 1996 and 7000B, Rev 2, Feb 2007
7.	Total Chromium	mg/kg	81.3	USEPA/SW 846 Method 3050B, Rev.2: Dec 1996 and 7000B Rev.2, Feb 2007
8.	Total Copper	mg/kg	75.3	USEPA/SW 846 Method 3050B, Rev.2: Dec 1996 and 7000B Rev.2, Feb 2007
9.	Total Lead	mg/kg	8.67	USEPA/SW 846 Method 3050B, Rev.2: Dec 1996 and 7000B Rev.2, Feb 2007
10.	Total Zinc	mg/kg	59.0	USEPA/SW 846 Method 3050B, Rev.2: Dec. 1996 and 7000B Rev.2, Feb 2007

END OF REPORT

Page 1 of 2 QF/SALE/02 Issue No 03 Date 05.12.2019. Amd 01 Date 24.12.2022







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Report No.:	ME-NG06572-230420- SA-LR-PUNE	Date: 20.04.2023
ULR No .:	TC748723000005995F	1-1-1

Note: 1. BQL: Below Quantification Limit.

- 2. LOQ: Limit of Quantification.
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TEST REPORT



Report No .:	ME-NG06572N-230420- SA-LR-PUNE	Date: 20.04.2023
ULR No.:		100

Name and Address of Customer	Kolte Patil Integrated Townships Ltd. Life Republic S. No. 74, Marunji, Tal- Mulshi, Dist-Pune		WO No.: Verbal WO Date:
Sample Description / Type	Soil	Sample Collected by	Laboratory
Sampling Location	Project Site	Sample Quantity / Packing	1 kg X 1 No. Polythene Bag
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	Manual of Soil Testing, Agriculture, Govt. India	Department of Agriculture &	Cooperation, Ministry of
Date of Start of Analysis	10.04.2023	Date of Completion of Analysis	20.04.2023

Sr. Pa No.	rameter	Unit	Result	Method Reference
Pro	scipline: Chemical Testing; oduct Group: Pollution & vironment (Soil)			
1. Ch	loride	mg/kg	70.9	USEPA/SW 846 Method 9253:1996
2. Su	Iphate	mg/kg	54.1	IS 2720 (Part XXVII):1977, Reaffirmed 2001.
3. Oil	& Grease	mg/kg	BQL (LOQ:5)	CPCB (HW) manual, Page No. 156

END OF REPORT

Note: 1. BQL: Below Quantification Limit.

- 2. LOQ: Limit of Quantification.
- 3. All results expressed on as received basis.
- 4. The result listed refers only to the tested sample(s) and applicable parameter(s).
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TEST REPORT

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Date: 13.04.2023 Report No. ME-NG06555-230413- SA-LR-PUNE ULR No .: TC748723000005978F Kolte Patil Integrated Townships Ltd. WO No .: Name and Verbal Address of Customer Life Republic WO Date: S. No. 74, Marunji, Tal- Mulshi, Dist-Pune Ambient Air Sample Collected by Laboratory Sample Description / Type Sampling Location Near First Avenue Sample PMto: Filter Paper 1 X 1 No. Quantity / Packing PM25: Filter Paper 1 X 1 No. SO2:30 mL X 2 No. PVC Bottle NO2:30 mL X 2 No. PVC Bottle CO 2L X 1No. Gas Bladder 08.04.2023 Date of Sampling 07.04.2023 Date of Receipt of Sample Sampling Procedure As per method reference 08.04.2023 Date of Completion of Date of Start of 11.04.2023 Analysis Analysis

Sr. No.	Parameter	Unit	Result	INAAQS	Method Reference
	Discipline: Chemical Testing: Product Group: Atmospheric Pollution (Ambient Air)				
1	Sulphur Dioxide (SO ₂)	µg/m³	6.9	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO ₂)	µg/m³	8.1	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	hð/w _s	52	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11-14
4	Particulate Matter (size less than 2.5µm) or PM2.5	hð/w ₃	19	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30
5	Carbon Monoxide (CO)	mg/m ^a	0.77	04	CPCB Guidelines for the Measurement of Ambient Air Pollutants Volume-II, 2012-13, Page No. 16-22, (NDIR method)

END OF REPORT

Page 1 of 2 OF/SALE/03 Issue No 03 Date 05 12 2019 Amd 02 Date 24 12 2022







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TEST REPORT

Report No.: ME-NG06555-230413- SA-LR-PUNE Date: 1
ULR No.: TC748723000005978F

Date: 13.04.2023

Note: 1. BQL: Below Quantification Limit.

- 2. LOQ: Limit of Quantification.
- 3. Duration of Sampling: 8h
- 4. TWA: Time Weighted Average
- 5. NAAQS: National Ambient Air Quality Standard
- 6. #- NAAQS specified as: 24 h. TWA in case of SO2, NO2, PM10, PM25,1 h. TWA in case of CO.
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Page 2 of 2 OF/SALE/03 Issue No 03 Date 05 12 2019. Amd 02 Date 24 12 2022



Technical Manager Chemical Testing









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Date: 13.04.2023 ME-NG06556-230413- SA-LR-PUNE Report No. TC748723000005979F ULR No .: WO No :: Name and Kolte Patil Integrated Townships Ltd. Verbal WO Date: Address of Customer Life Republic S. No. 74, Marunji, Tal- Mulshi, Dist-Pune Ambient Air Sample Collected by Laboratory Sample Description / Type Near Main Gate Sample PM10: Filter Paper 1 X 1 No. Sampling Location PM25: Filter Paper 1 X 1 No. Quantity / Packing SO2:30 mL X 2 No. PVC Bottle NO2:30 mL X 2 No. PVC Bottle CO:2L X 1No. Gas Bladder Date of Sampling 07.04.2023 Date of Receipt of 08.04.2023 Sample Sampling Procedure As per method reference Date of Start of 08.04.2023 Date of Completion of 11.04.2023 Analysis Analysis

Sr. No.	Parameter	Unit	Result	#NAAQS	Method Reference
	Discipline: Chemical Testing: Product Group: Atmospheric Pollution (Ambient Air)				
1	Sulphur Dioxide (SO ₂)	µg/m³	9.8	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO2)	µg/m³	11.4	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m³	57	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11-14
4	Particulate Matter (size less than 2.5µm) or PM25	hð\w ₃	22	60	CPC8 Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30
5	Carbon Monoxide (CO)	mg/m ³	0.98	04	CPCB Guidelines for the Measurement of Ambient Air Pollutants Volume-II, 2012-13, Page No. 16-22, (NDIR method)

END OF REPORT

Page 1 of 2 OF/SALE/03 Issue No 03 Date 05.12.2019 Amd 02 Date 24.12.2022

Harish Mendhi







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TEST REPORT



Report No :: ME-NG06556-230413- SA-LR-PUNE Date: 13.04.2023 ULR No .: TC748723000005979F

- BQL: Below Quantification Limit. Note: 1
 - 2. LOQ: Limit of Quantification.
 - 3. Duration of Sampling: 8h
 - 4. TWA: Time Weighted Average
 - 5. NAAQS: National Ambient Air Quality Standard
 - 6. #- NAAQS specified as: 24 h. TWA in case of SO2, NO2, PM10, PM25,1 h. TWA in case of CO.
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Chemical Testing









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TEST REPORT

Report No .: ME-NG06557-230413- SA-LR-PUNE Date: 13.04.2023 ULR No .: TC748723000005980F Name and Kolte Patil Integrated Townships Ltd. WO No .: Verbal Address of Customer Life Republic WO Date: - 1 S. No. 74, Marunji, Tal- Mulshi, Dist-Pune Sample Ambient Air Sample Collected by Laboratory Description / Type Sampling Location Near 16th Avenue PM10: Filter Paper 1 X 1 No. Sample Quantity / Packing PM25 Filter Paper 1 X 1 No. SO2:30 mL X 2 No. PVC Bottle NO2:30 mL X 2 No. PVC Bottle CO:2L X 1No. Gas Bladder Date of Sampling 07.04.2023 Date of Receipt of 08.04.2023 Sample Sampling Procedure As per method reference Date of Start of 08.04.2023 Date of Completion of 11.04.2023 Analysis

Sr. No.	Parameter	Unit	Result	#NAAQS	Method Reference
	Discipline: Chemical Testing: Product Group: Atmospheric Pollution (Ambient Air)				
1	Sulphur Dioxide (SO ₂)	µg/m ³	8.9	80	CPC8 Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO ₂)	µg/m ³	12.1	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m³	52	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No. 11-14
4	Particulate Matter (size less than 2.5µm) or PM2.5	hð/w ₃	16	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30
5	Carbon Monoxide (CO)	mg/m³	0.80	04	CPCB Guidelines for the Measurement of Ambient Air Pollutants Volume-II, 2012-13, Page No. 16-22, (NDIR method)

Analysis

END OF REPORT

Page 1 of 2 QF/SALE/03 Issue No 03 Date 05.12.2019. Amd 02 Date 24.12.2022

Were Harish Mendhi

Technical Manager Chemical Testing







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TEST REPORT



 Report No.:
 ME-NG06557-230413- SA-LR-PUNE
 Date: 13.04.2023

 ULR No.:
 TC748723000005980F
 Date: 13.04.2023

Note: 1. BQL: Below Quantification Limit.

- 2. LOQ: Limit of Quantification.
- 3. Duration of Sampling: 8h
- 4. TWA: Time Weighted Average
- 5. NAAQS: National Ambient Air Quality Standard
- 6. #- NAAQS specified as: 24 h. TWA in case of SO2, NO2, PM10, PM25, 1 h. TWA in case of CO.
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TEST REPORT

	Report No.:	ME-NG06558-230413- SA-LR-PUNE	Date: 13.04.2023
E PAT SA	ULR No	TC748723000005981F	151

Name and Address of Customer	Life Republic	grated Townships Ltd. nji, Tal Mulshi, Dist- Pune	WO No.: WO Date:	Verbal -
Sample Description / Type	Ambient Noise			
Date of Sampling	07.04.2023	Sampling Procedure	IS 9876 198	31

Sr. No.	Location	Time in h	Sound Level L _{eq} dB (A) Fast Response	Sound Level Leg dB (A) Slow Response
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Noise)			
1	Near First Avenue	11.00	54.8	53.7
		22.00	42.2	41.6
2	Near 16th Avenue	12:00	54.3	53.6
		23:00	41.4	40.7
3	Near Main Gate	11:30	54.9	53.8
		22:30	42.7	41.5

Area Code	Area Type	Limits in dB (A) weighted scale			
		Day Time (6:00a.m. to 10:00 p.m.)	Night Time (10:00 p.m. to 6:00 a.m.)		
A	Industrial Area	75	70		
В	Commercial Area	65	55		
C	Residential Area	55	45		
D	Silence Zone	50	40		

END OF REPORT

Note: 1. The result listed refers only to the tested sample(s) and applicable parameter(s).

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