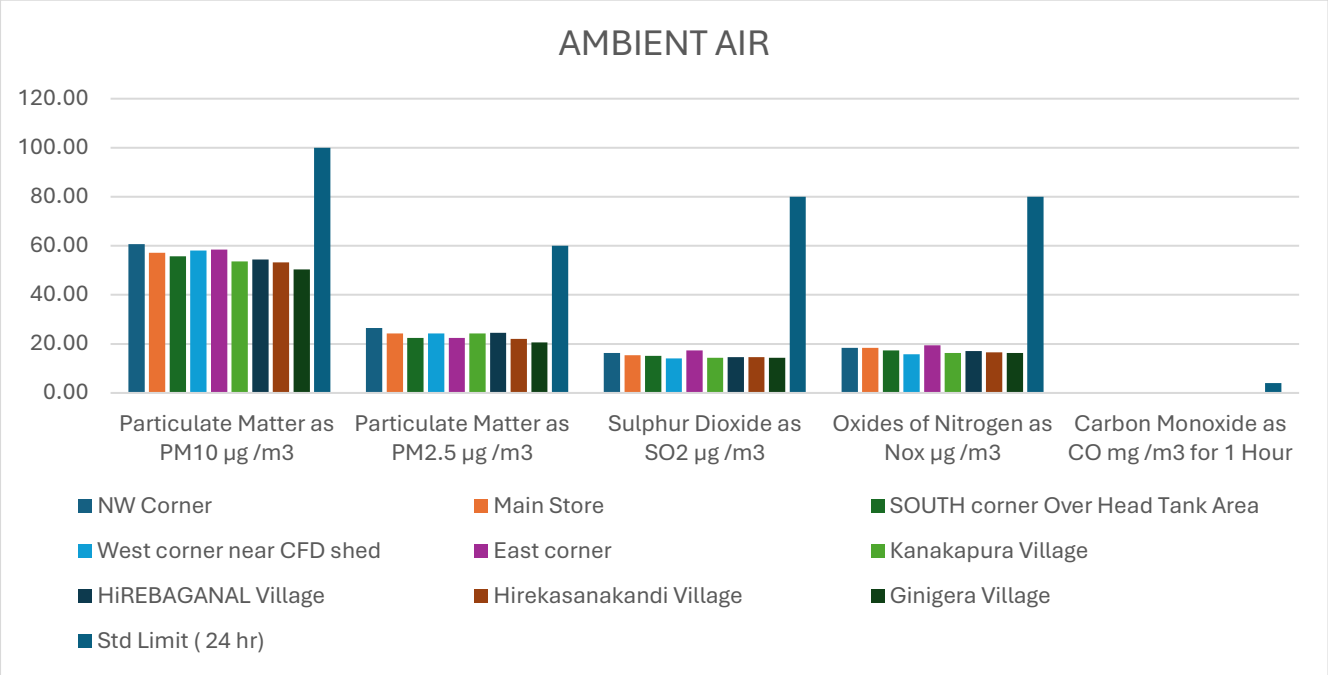
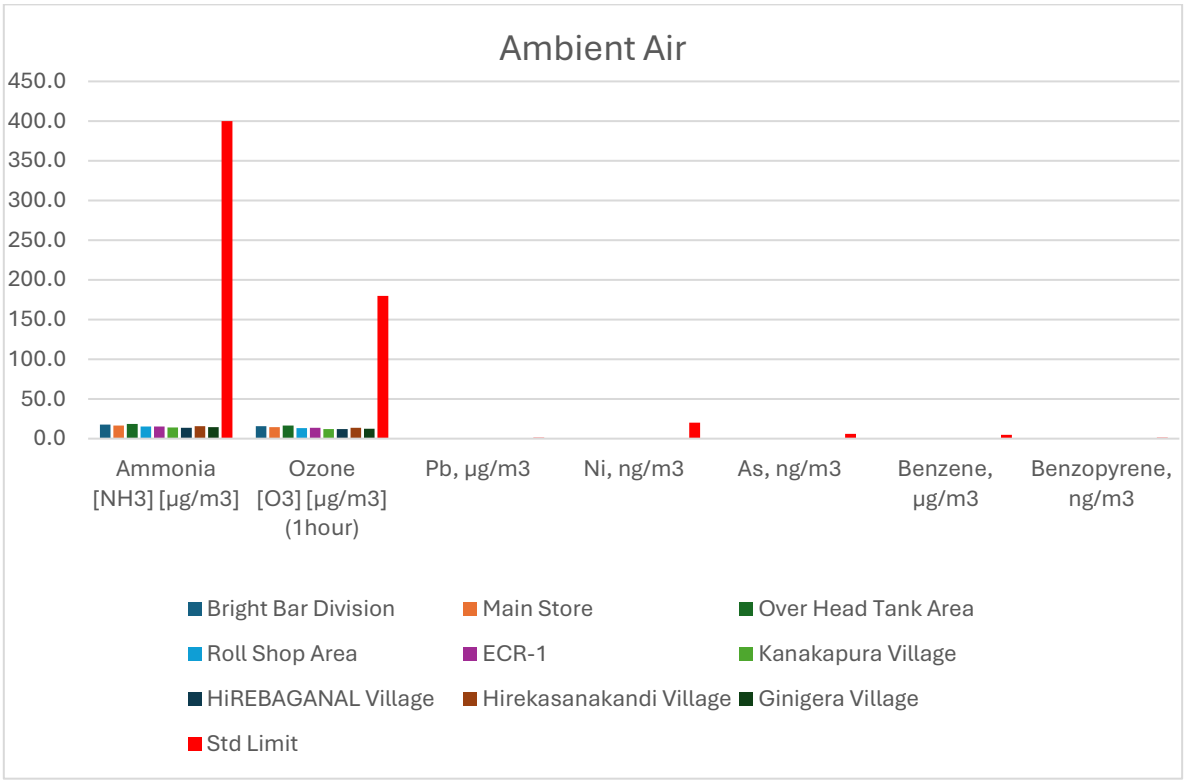
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Half yearly average Environmental quality monitoring data

Ambient air quality

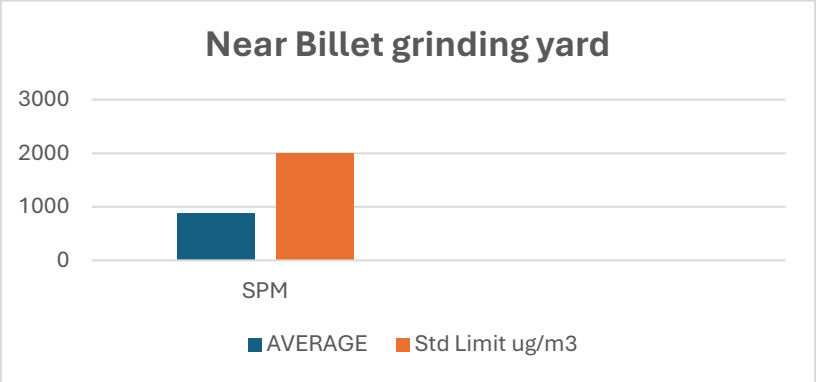




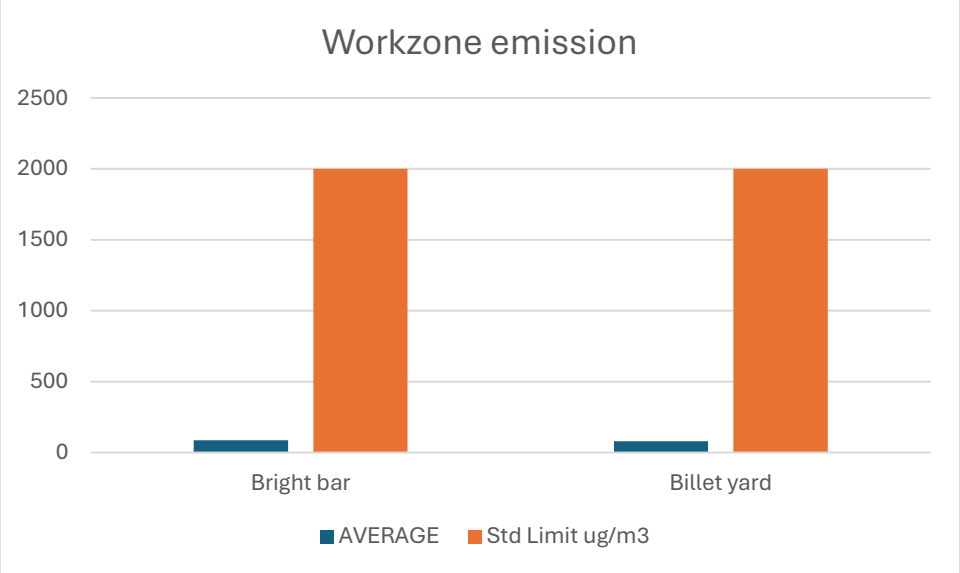
Oct 25 to Mar 26

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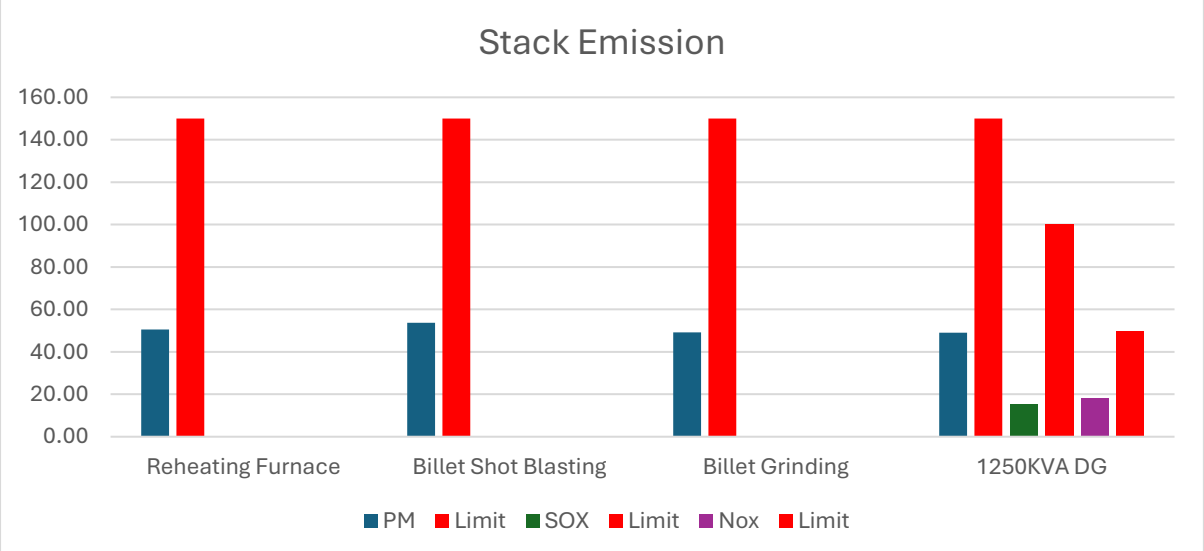
Fugitive Emissions



Work zone Emissions



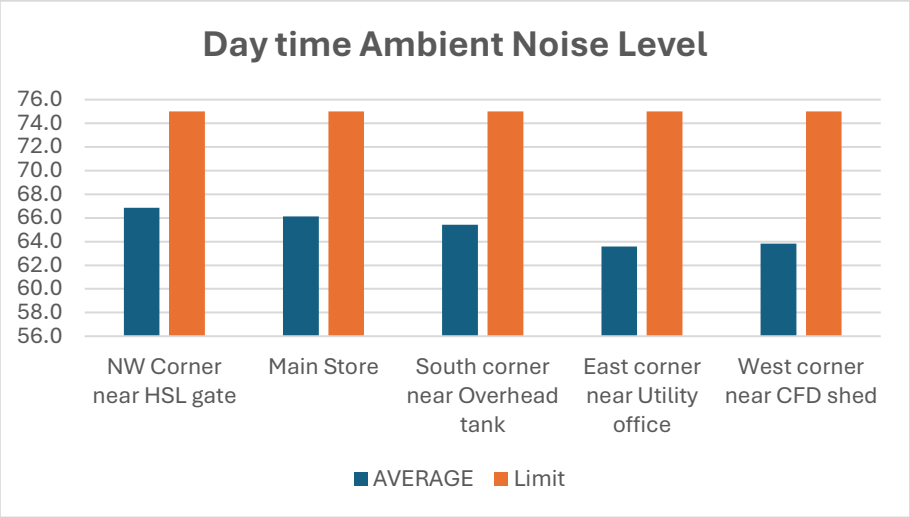
Stack Emissions

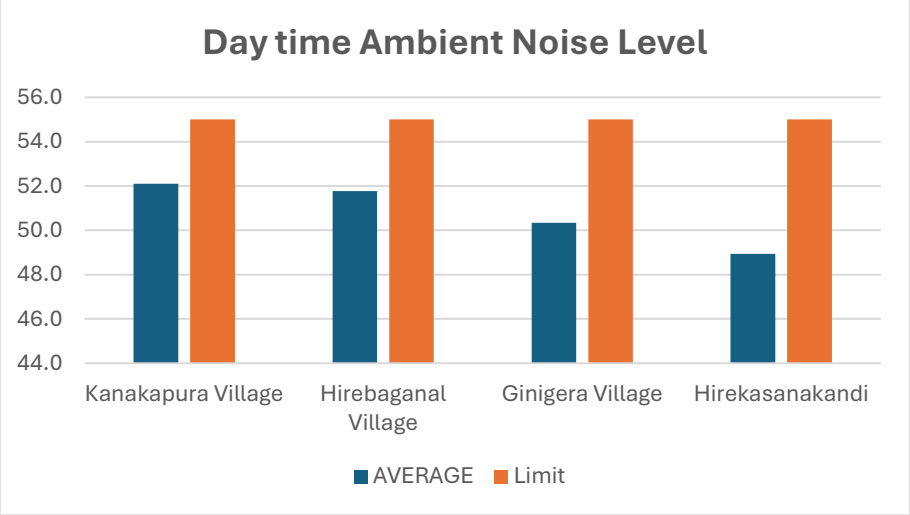


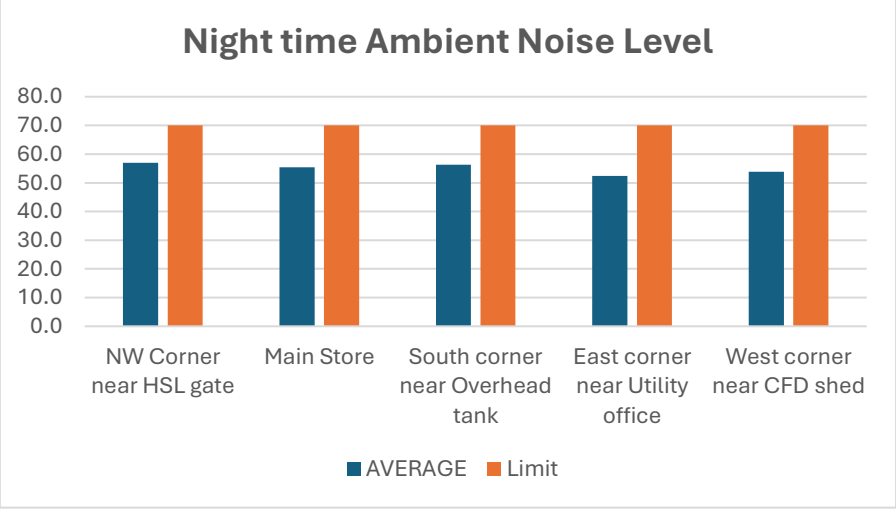
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Noise Monitoring

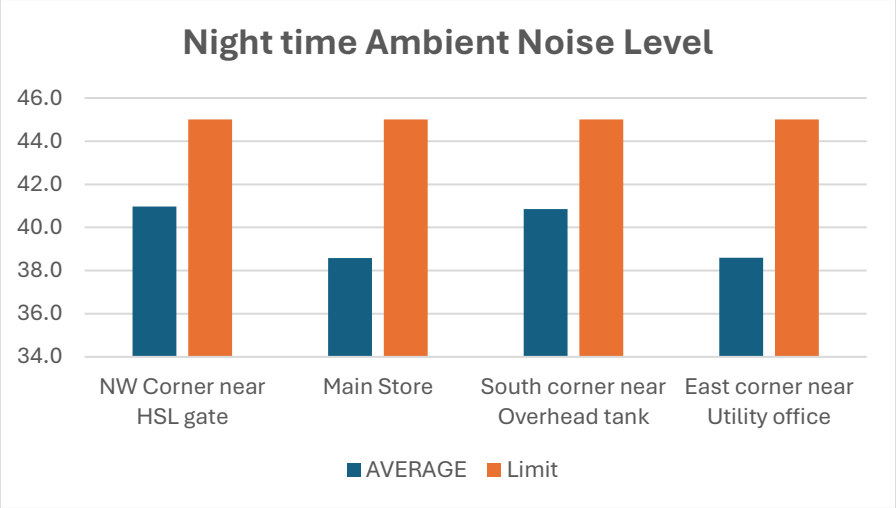


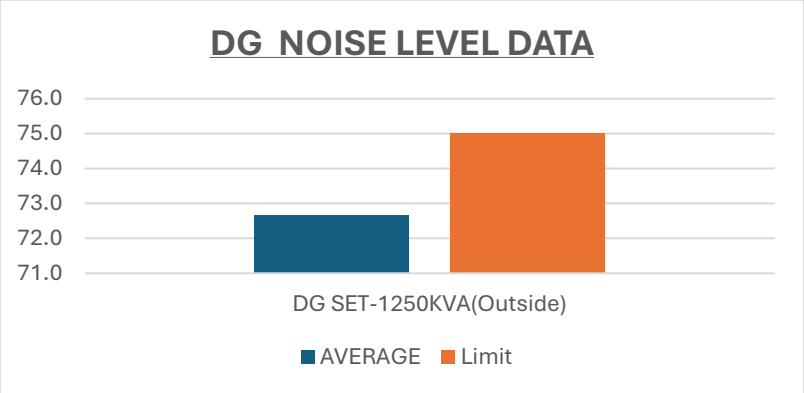




Oct 25 to Mar 26

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STP Treated wastewater

SL no	Parameter	UOM	Result	Limits
1	pH	-	7.70	6.5-8.5
2	Total Suspended Solids	mg/l	8.75	<10
3	Chemical Oxygen Demand (COD)	mg/l	34.64	<50
4	Biological Oxygen Demand (BOD) at 27 deg C for 3 days	mg/l	7.12	<50
5	Oil & Grease	mg/l	7.62	<10

ETP treated water

Parameter	Unit	Average Value	KSPCB Standard Limit
pH	-	7.79	6.0 - 9.0
Total Suspended Solids (TSS)	mg/L	<1	100
Oil & Grease	mg/L	<1	10

Oct 25 to Mar 26

MUKAND SUMI SPECIAL STEEL LIMITED

Ground Water

Sl No	Parameter	UOM	Kanakapura Thanda	Hirebaganal	Ginigera	Hirekasanakandi	Kanakapura Village	Acceptable Limit	Permissible Limit
1	Colour	Hazen	<5	<5	<5	<5	<5	5	15
2	Taste	-	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	Odour	-	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	pH	-	7.28	7.76	7.4	7.73	7.78	6.5–8.5	NR
5	Turbidity	NTU	<0.5	<0.5	<0.5	<0.5	<0.5	1	5
6	Conductivity	µS/cm	1725	848	1630	747	1310	-	-
7	TDS	mg/l	1175	480	1280	415	819	500	2000
8	Alkalinity	mg/l	359	306	467	266	316	200	600
9	Hardness	mg/l	558	211	556	139	316	200	600
10	Calcium	mg/l	138	92	104	32	39	75	200
11	Magnesium	mg/l	43	32	72	14	41	30	100
12	Sodium	mg/l	98	84	87	54	100	-	-
13	Potassium	mg/l	1	1	1	1	1	-	-
14	Chlorides	mg/l	300	50	335	44	136	250	1000
15	Sulphates	mg/l	42	41	101	38	35	200	400
16	Nitrates	mg/l	15	6	10	2	13	45	NR
17	Fluoride	mg/l	1	0.97	1.11	1.27	1.05	1	1.5
18	Iron	mg/l	0.15	0.08	0.07	0.06	0.16	0.3	NR
19	Ammonia	mg/l	~0.02	0.08	0.02	0.13	~0.2	0.5	NR
20	MBAS	mg/l	BDL	BDL	BDL	BDL	BDL	0.2	1
21	Barium	mg/l	BDL	BDL	BDL	BDL	BDL	0.7	NR
22	Chloramines	mg/l	BDL	BDL	BDL	BDL	BDL	4	NR
23	Residual Chlorine	mg/l	0.05	0.04	0.12	0.03	0.08	0.2	1
24	Sulphide	mg/l	0.02	0.01	0.03	0.02	0.02	0.05	NR
25	Mineral Oil	mg/l	BDL	BDL	BDL	BDL	BDL	0.5	NR
26	Boron	mg/l	ND	ND	ND	ND	ND	0.5	1
27	Phenol	mg/l	ND	ND	ND	ND	ND	0.001	0.002
28	Cyanide	mg/l	ND	ND	ND	ND	ND	0.05	NR
29	Chromium	mg/l	ND	ND	ND	ND	ND	0.05	NR
30	Copper	mg/l	BDL	BDL	BDL	BDL	BDL	0.05	1.5
31	Zinc	mg/l	BDL	BDL	BDL	BDL	BDL	5	15
32	Nickel	mg/l	ND	ND	ND	ND	ND	0.02	NR
33	Aluminium	mg/l	ND	ND	ND	ND	ND	0.03	0.2
34	Mercury	mg/l	ND	ND	ND	ND	ND	0.001	NR
35	Arsenic	mg/l	ND	ND	ND	ND	ND	0.01	0.05
36	Selenium	mg/l	BDL	BDL	BDL	BDL	BDL	0.01	NR

37	Silver	mg/l	BDL	BDL	BDL	BDL	BDL	0.1	NR
38	COD	mg/l	5	5	8	5	7	-	-
39	Total Coliform	MPN/100ml	Absent	Absent	Absent	Absent	Absent	0	0
40	E. coli	-	Absent	Absent	Absent	Absent	Absent	0	0
41	Giardia	-	Absent	Absent	Absent	Absent	Absent	0	0
42	Cryptosporidium	-	Absent	Absent	Absent	Absent	Absent	0	0
43	PCBs	mg/l	BDL	BDL	BDL	BDL	BDL	0.0005	NR
44	PAH	mg/l	BDL	BDL	BDL	BDL	BDL	0.0001	NR
46	Alpha Emitters	Bq/l	BDL	BDL	BDL	BDL	BDL	0.1	NR
47	Beta Emitters	Bq/l	BDL	BDL	BDL	BDL	BDL	1	NR
48	Bromoform	mg/l	BDL	BDL	BDL	BDL	BDL	0.1	NR
49	Dibromochloromethane	mg/l	BDL	BDL	BDL	BDL	BDL	0.1	NR
50	Bromodichloromethane	mg/l	BDL	BDL	BDL	BDL	BDL	0.06	NR
51	Chloroform	mg/l	BDL	BDL	BDL	BDL	BDL	0.2	NR
52	Alachlor	µg/l	BDL	BDL	BDL	BDL	BDL	20	-
53	Atrazine	µg/l	BDL	BDL	BDL	BDL	BDL	2	-
54	Aldrin/Dieldrin	µg/l	BDL	BDL	BDL	BDL	BDL	0.03	-
55	Alpha-HCH	µg/l	BDL	BDL	BDL	BDL	BDL	0.01	-
56	Beta-HCH	µg/l	BDL	BDL	BDL	BDL	BDL	0.04	-
57	Delta-HCH	µg/l	BDL	BDL	BDL	BDL	BDL	0.04	-
58	Butachlor	µg/l	BDL	BDL	BDL	BDL	BDL	125	-
59	Chlorpyriphos	µg/l	BDL	BDL	BDL	BDL	BDL	30	-
60	2,4-D	µg/l	BDL	BDL	BDL	BDL	BDL	30	-
61	DDT	µg/l	BDL	BDL	BDL	BDL	BDL	1	-
62	Endosulfan	µg/l	BDL	BDL	BDL	BDL	BDL	0.4	-
63	Ethion	µg/l	BDL	BDL	BDL	BDL	BDL	3	-
64	Malathion	µg/l	BDL	BDL	BDL	BDL	BDL	190	-
65	Monocrotophos	µg/l	BDL	BDL	BDL	BDL	BDL	1	-
66	Phorate	µg/l	BDL	BDL	BDL	BDL	BDL	2	-