

Ref : SE/E8-B2/20

Date: 14.10.2020

The Director (S)
Ministry of Environment, Forest & Climate Change
Regional Office (South Eastern Zone)
HEPC Building, No.34, Cathedral Garden Road,
Nungambakkam,
Chennai – 600 034.



Dear Sir,

Sub: Half yearly Monitoring Report – Reg.

Ref: 1. Ministry's Environmental Clearance letter No.J-11011/171/2007/IA II (I)
2. Ministry's Environmental Clearance letter No.J-11011/620/2009/IA II(I)

We are sending herewith the Quarterly Monitoring Reports pertaining to our plants for the period **Apr 2020 to Sep 2020**.

Thanking you,

For Greenstar Fertilizers Limited.

(E.Balu.F. 14/10/2020)
E.Balu
(Chief Operating Officer)

- Encl: 1) Ambient air monitoring.
2) Stack emission monitoring
3) Well water monitoring.
4) Fugitive emission monitoring.

Greenstar Fertilizers Limited

CIN : U24100TN2010PLC077127

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AMBIENT AIR QUALITY MONITORINGMONTH: APRIL 2020

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS /M3					
			SO2	NO2	NH3	PM 10	PM 2.5	CO / HC
01.04.20	SE & SW	TANK FARM	2.2	1	18	48	15	BDL
		IETP AREA	BDL	2.2	24	38	22	BDL
		UREA BAGGING	BDL	BDL	18	22	6	BDL
		AAQM STATION	1	2	12	18	11	BDL
		ADMIN BUILDING	BDL	BDL	2	15	5.5	BDL
		OFFICER'S CLUB	BDL	BDL	BDL	43	11	BDL
		JVP SHED	2.2	BDL	BDL	25	5	BDL
		AUTO SS	BDL	1.2	2	15	4	BDL
		AGRI CLINIC	BDL	BDL	BDL	33	11	BDL
06.04.20	SE & SW	TANK FARM	2.1	4.2	72	22	11	BDL
		IETP AREA	1.3	2.3	11	16.5	13	BDL
		UREA BAGGING	4.2	4.1	8.6	24	11	BDL
		AAQM STATION	3.3	2.2	1.2	22	13	BDL
		ADMIN BUILDING	BDL	2.2	4	21	12	BDL
		OFFICER'S CLUB	1.6	4.2	BDL	4.2	3.3	BDL
		JVP SHED	1.1	3	BDL	42	17	BDL
		AUTO SS	4.2	2.2	11	38	12	BDL
		AGRI CLINIC	BDL	1	BDL	42	14	BDL
09.04.20	SE & SW	TANK FARM	BDL	3.3	82	46	21	BDL
		IETP AREA	2.2	2.2	21	33	13	BDL
		UREA BAGGING	4.2	3.1	49	25	16	BDL
		AAQM STATION	5.3	1.2	12	13	6	BDL
		ADMIN BUILDING	7.2	3.3	BDL	37	3.6	BDL
		OFFICER'S CLUB	3.8	4.2	10	25	10	BDL
		JVP SHED	6	4	BDL	36	13	BDL
		AUTO SS	4	3.5	5.5	22	14	BDL
		AGRI CLINIC	4.2	5.5	BDL	38	12	BDL
13.04.20	SE & SW	TANK FARM	4.2	1	79	53	22	BDL
		IETP AREA	2.2	2.2	16	49	20	BDL
		UREA BAGGING	11	4	5	37	19	BDL
		AAQM STATION	6.6	2.3	12	42	22	BDL
		ADMIN BUILDING	2.2	1	9	38	12	BDL
		OFFICER'S CLUB	BDL	2.2	BDL	37	16.6	BDL
		JVP SHED	BDL	3	13	19	12	BDL
		AUTO SS	BDL	4.1	BDL	22	16	BDL
		AGRI CLINIC	1.6	2.2	BDL	30	11	BDL

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS / M ³					
			SO ₂	NO ₂	NH ₃	PM 10	PM 2.5	CO / HC
17.04.20	SE & SW	TANK FARM	1.9	2.3	89	53	26	BDL
		IETP AREA	2.6	4.2	4.2	42	25	BDL
		UREA BAGGING	3.8	3.3	4.2	23	11	BDL
		AAQM STATION	4.4	4.4	3.6	48	12	BDL
		ADMIN BUILDING	3.9	2.2	3.9	32	11	BDL
		OFFICER'S CLUB	4.2	2.8	BDL	19	5.5	BDL
		JVP SHED	3.9	5	BDL	6.6	2.6	BDL
		AUTO SS	4.2	4	11	12.3	11	BDL
		AGRI CLINIC	5	3	BDL	49	22	BDL
21.04.20	SE & SW	TANK FARM	2.2	0.5	46	57	32	BDL
		IETP AREA	1.1	1	22	56	22	BDL
		UREA BAGGING	2.2	1.2	75	46	18	BDL
		AAQM STATION	3.3	2	38	43	19	BDL
		ADMIN BUILDING	BDL	1.1	11	9.9	3	BDL
		OFFICER'S CLUB	BDL	2.2	BDL	2.6	1.2	BDL
		JVP SHED	2.1	1	12.3	43	16.6	BDL
		AUTO SS	1	2	6.6	33	18	BDL
		AGRI CLINIC	2	0.6	BDL	28	11	BDL
24.04.20	SE & SW	TANK FARM	19.9	6.6	63	36	39	BDL
		IETP AREA	22.5	13.3	72	56	28	BDL
		UREA BAGGING	16.6	11.2	49	42	39	BDL
		AAQM STATION	15.5	7.5	76	43	20	BDL
		ADMIN BUILDING	16.6	6.6	63	36	8	BDL
		OFFICER'S CLUB	8.8	4.2	18	33	12	BDL
		JVP SHED	15.5	8.8	64	49	25	BDL
		AUTO SS	16.6	5.6	82	37	33	BDL
		AGRI CLINIC	5.6	3.3	BDL	56	11	BDL
28.04.20	SE & SW	TANK FARM	22.7	6.9	85	52	32	BDL
		IETP AREA	16.5	7.7	79	43	28	BDL
		UREA BAGGING	6.6	6	86	46	33	BDL
		AAQM STATION	7.6	3.3	49	43	25	BDL
		ADMIN BUILDING	6.6	5.5	35	25	12	BDL
		OFFICER'S CLUB	4.5	2.2	18	39	1.2	BDL
		JVP SHED	11.5	4.6	72	53	11	BDL
		AUTO SS	6.6	3.3	84	56	38	BDL
		AGRI CLINIC	2.1	1.8	BDL	43	16	BDL

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

AMBIENT AIR QUALITY MONITORINGMONTH: MAY 2020

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS /M3					
			SO2	NO2	NH3	PM 10	PM 2.5	CO / HC
02.05.20	SE & SW	TANK FARM	9.9	1.9	87	48	30	BDL
		IETP AREA	7.7	2	76	56	35	BDL
		UREA BAGGING	14.2	2.6	71	53	36	BDL
		AAQM STATION	4	2	69	46	18	BDL
		ADMIN BUILDING	2.2	2.9	12	28	11	BDL
		OFFICER'S CLUB	4.1	2	BDL	33	18	BDL
		JVP SHED	6.6	1.5	BDL	26	6	BDL
		AUTO SS	12.5	1.9	84	55	39	BDL
		AGRI CLINIC	1.9	0.6	BDL	28	12	BDL
05.05.20	SE & SW	TANK FARM	7.6	6.6	87	46	38	BDL
		IETP AREA	6.5	4.5	76	39	18	BDL
		UREA BAGGING	4.8	3.2	80	37	35	BDL
		AAQM STATION	3.9	4.8	33	44	2	BDL
		ADMIN BUILDING	3.6	2.9	42	29	15	BDL
		OFFICER'S CLUB	2.8	6.6	10.5	33	15	BDL
		JVP SHED	1.9	4.2	28	32	22	BDL
		AUTO SS	5.8	2.9	16	41	19	BDL
		AGRI CLINIC	2.6	4	BDL	36	10	BDL
11.05.20	SE & SW	TANK FARM	12.9	9.2	85	52	33	BDL
		IETP AREA	10.6	7	89	53	26	BDL
		UREA BAGGING	7.8	3.6	83	45	28	BDL
		AAQM STATION	6.6	4.2	69	40	36	BDL
		ADMIN BUILDING	4.2	3.9	44	46	12.6	BDL
		OFFICER'S CLUB	4.9	4	28	29	11	BDL
		JVP SHED	7	3.3	44	36	28	BDL
		AUTO SS	5	4	6.6	26	19	BDL
		AGRI CLINIC	3.3	2.2	BDL	40	16	BDL
15.05.20	SE & SW	TANK FARM	12.3	7	89	52	37	BDL
		IETP AREA	10.6	4.6	94	45	36	BDL
		UREA BAGGING	10	7	96	46	28	BDL
		AAQM STATION	8.8	4.8	46	33	22	BDL
		ADMIN BUILDING	3.9	2.6	25	40	18	BDL
		OFFICER'S CLUB	11.5	3.6	25	33	15	BDL
		JVP SHED	10	4.6	48	49	34	BDL
		AUTO SS	6	6.6	84	56	16	BDL
		AGRI CLINIC	2.6	2.9	BDL	30	11	BDL

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS / M ³					
			SO ₂	NO ₂	NH ₃	PM 10	PM 2.5	CO / HC
19.05.20	SE & SW	TANK FARM	2.6	6.6	81	49	36	BDL
		IETP AREA	3.6	4	85	56	22	BDL
		UREA BAGGING	4.5	3.8	92	58	32	BDL
		AAQM STATION	6.6	4.5	3.6	44	18	BDL
		ADMIN BUILDING	4.5	2.9	3.9	33	14	BDL
		OFFICER'S CLUB	4.8	3	5	22	4.5	BDL
		JVP SHED	3.6	5	25	43	26	BDL
		AUTO SS	4.2	3.3	11	53	24	BDL
		AGRI CLINIC	5.5	4.5	BDL	32	16	BDL
22.05.20	SE & SW	TANK FARM	7.7	6.6	85	46	22	BDL
		IETP AREA	6.6	4.5	79	48	10	BDL
		UREA BAGGING	4.8	3.9	91	52	22	BDL
		AAQM STATION	8.8	4.5	49	44	13	BDL
		ADMIN BUILDING	6.6	2.5	18	6.6	3	BDL
		OFFICER'S CLUB	11.2	4.6	22	18	5.5	BDL
		JVP SHED	13.3	2.6	79	33	13.6	BDL
		AUTO SS	12.5	4.6	6.6	28	11	BDL
		AGRI CLINIC	12.5	6.2	BDL	30	14	BDL
25.05.20	SE & SW	TANK FARM	12.2	7.9	87	57	39	BDL
		IETP AREA	11.5	10.3	93	53	22	BDL
		UREA BAGGING	15.2	8.8	89	58	30	BDL
		AAQM STATION	10.2	6.6	45	56	28	BDL
		ADMIN BUILDING	16.6	5.5	40	28	9	BDL
		OFFICER'S CLUB	8.8	4.9	63	38	15	BDL
		JVP SHED	10.2	6.6	25	46	22	BDL
		AUTO SS	10.6	4.2	84	55	39	BDL
		AGRI CLINIC	6.6	3.9	BDL	35	18	BDL
29.05.20	SE & SW	TANK FARM	16.6	6.9	83	56	35	BDL
		IETP AREA	7.2	7.9	89	54	22	BDL
		UREA BAGGING	9.9	7	91	44	28	BDL
		AAQM STATION	4.5	4.5	69	33	22	BDL
		ADMIN BUILDING	6.6	6.6	44	28	18	BDL
		OFFICER'S CLUB	4.9	2.6	22	47	12.2	BDL
		JVP SHED	2.5	4.1	23	46	18	BDL
		AUTO SS	7.9	3.9	84	33	22	BDL
		AGRI CLINIC	3.3	5.5	BDL	30	18	BDL

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

AMBIENT AIR QUALITY MONITORING

MONTH: JUNE 2020

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS /M3					
			SO2	NO2	NH3	PM 10	PM 2.5	CO / HC
01.06.2020	NE & SE	TANK FARM	2.6	0.9	71	48	35	BDL
		IETP AREA	3.6	1.2	81	56	36	BDL
		UREA BAGGING	14.2	2	78	51	38	BDL
		AAQM STATION	3.8	1.1	75	43	22	BDL
		ADMIN BUILDING	2.7	2.2	18	33	18	BDL
		OFFICER'S CLUB	4	1	BDL	32	18	BDL
		JVP SHED	1.2	1.1	2	31	7.7	BDL
		AUTO SS	5.5	1.9	71	32	32	BDL
		AGRI CLINIC	2.2	BDL	BDL	33	9	BDL
05.06.2020	NE & SE	TANK FARM	5.5	4.2	96	56	39	BDL
		IETP AREA	6.6	4.5	75	45	30	BDL
		UREA BAGGING	4.5	4.2	63	48	36	BDL
		AAQM STATION	3.5	3.3	48	35	28	BDL
		ADMIN BUILDING	4.1	2.9	56	38	19	BDL
		OFFICER'S CLUB	2.9	4.5	6.6	43	22	BDL
		JVP SHED	1.8	2.8	32	28	18	BDL
		AUTO SS	3.3	2.8	10	30	19	BDL
		AGRI CLINIC	2.8	3	BDL	22	6	BDL
09.06.2020.	NE & SE	TANK FARM	18.9	10.2	83	51	39	BDL
		IETP AREA	12.6	6.6	73	45	36	BDL
		UREA BAGGING	17.5	4.5	81	47	36	BDL
		AAQM STATION	16.6	4.9	72	30	28	BDL
		ADMIN BUILDING	13.2	4.1	48	28	13	BDL
		OFFICER'S CLUB	4.9	3.6	32	18	5.5	BDL
		JVP SHED	10	4	48	45	26	BDL
		AUTO SS	6	6.6	6.6	35	33	BDL
		AGRI CLINIC	3.7	5.5	BDL	45	18	BDL
12.06.2020	NE & SE	TANK FARM	16.8	7	80	49	31	BDL
		IETP AREA	11.5	4.9	75	57	18	BDL
		UREA BAGGING	10	9	79	33	18	BDL
		AAQM STATION	7.7	4.8	46	56	15	BDL
		ADMIN BUILDING	4.9	3.6	25	34	11	BDL
		OFFICER'S CLUB	10.5	4.1	25	22	35	BDL
		JVP SHED	9	5.5	48	18	32	BDL
		AUTO SS	8	7.2	76	49	33	BDL
		AGRI CLINIC	3.3	3.6	BDL	40	6	BDL

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS /M3					
			SO2	NO2	NH3	PM 10	PM 2.5	CO / HC
16.06.2020	NE & SE	TANK FARM	12.6	7.7	74	52	30	BDL
		IETP AREA	11.5	6.6	65	42	34	BDL
		UREA BAGGING	14.5	4.2	87	51	31	BDL
		AAQM STATION	7.9	6.6	66	31	18	BDL
		ADMIN BUILDING	6.6	3.6	18	5.5	14	BDL
		OFFICER'S CLUB	7.7	4.4	7	18	6.6	BDL
		JVP SHED	4.6	6	88	10	5.2	BDL
		AUTO SS	5.8	7.7	66	50	22	BDL
		AGRI CLINIC	4.6	6.6	BDL	38	12	BDL
22.06.2020	NE & SE	TANK FARM	15.5	7.7	89	55	18	BDL
		IETP AREA	12.6	6.6	78	35	18	BDL
		UREA BAGGING	12.6	4.1	93	38	28	BDL
		AAQM STATION	9.9	7.8	49	46	23	BDL
		ADMIN BUILDING	7.2	6.6	22	32	18	BDL
		OFFICER'S CLUB	8.8	4	2	8.8	2.2	BDL
		JVP SHED	6.6	3.3	77	43	20	BDL
		AUTO SS	11.2	4	6.6	22	5.5	BDL
		AGRI CLINIC	10.5	3.6	BDL	28	12	BDL
26.06.2020	NE & SE	TANK FARM	3.3	2.2	88	49	22	BDL
		IETP AREA	2.8	4.2	71	55	18	BDL
		UREA BAGGING	3.3	3.3	61	39	32	BDL
		AAQM STATION	3.6	1.2	48	48	11	BDL
		ADMIN BUILDING	4.2	2.2	36	32	4	BDL
		OFFICER'S CLUB	1.2	2.2	70	28	7	BDL
		JVP SHED	2.2	1.2	28	22	6	BDL
		AUTO SS	4.2	2.2	68	45	28	BDL
		AGRI CLINIC	4.2	1.2	BDL	28	12	BDL
29.06.2020	NE & SE	TANK FARM	4.4	3.2	63	46	39	BDL
		IETP AREA	2.2	2.2	88	51	16	BDL
		UREA BAGGING	4.5	4	96	57	13	BDL
		AAQM STATION	3.3	1.2	72	36	18	BDL
		ADMIN BUILDING	4.1	2.2	38	28	5.5	BDL
		OFFICER'S CLUB	2.2	1.6	28	11	5.5	BDL
		JVP SHED	2.8	2.2	11	30	36	BDL
		AUTO SS	3.3	1.5	23	28	11	BDL
		AGRI CLINIC	4.1	2.2	BDL	38	13	BDL

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

AMBIENT AIR QUALITY MONITORINGMONTH: JULY 2020

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS /M3					
			SO2	NO2	NH3	PM 10	PM 2.5	CO / HC
01.07.2020	NE & SE	TANK FARM	3.2	11.2	91	51	36	BDL
		IETP AREA	4.2	13.2	63	54	32	BDL
		UREA BAGGING	13.2	14.6	79	56	39	BDL
		AAQM STATION	3.2	7	80	48	20	BDL
		ADMIN BUILDING	2.2	6.3	20	43	18	BDL
		OFFICER'S CLUB	3.8	1.2	2	45	20	BDL
		JVP SHED	4.1	1.5	3	49	10	BDL
		AUTO SS	6.6	1.2	75	58	35	BDL
		AGRI CLINIC	3.2	BDL	BDL	56	10	BDL
06.07.2020	NE & SE	TANK FARM	5.9	5.4	96	56	31	BDL
		IETP AREA	6.2	4.6	61	51	34	BDL
		UREA BAGGING	4.3	4.4	84	46	28	BDL
		AAQM STATION	3.8	3.5	60	55	20	BDL
		ADMIN BUILDING	4.3	2.7	38	38	15	BDL
		OFFICER'S CLUB	3	4.9	7.7	43	17	BDL
		JVP SHED	2.1	2.9	25	28	9	BDL
		AUTO SS	3.5	2.9	79	30	22	BDL
		AGRI CLINIC	2.5	4	BDL	38	18	BDL
10.07.2020	NE & SE	TANK FARM	11.8	9.9	76	58	38	BDL
		IETP AREA	10.2	12.5	84	55	24	BDL
		UREA BAGGING	8.8	13.6	95	47	30	BDL
		AAQM STATION	6.6	8.9	69	40	38	BDL
		ADMIN BUILDING	4.1	6.6	75	28	11	BDL
		OFFICER'S CLUB	3.6	7	38	18	6.6	BDL
		JVP SHED	8	14.9	55	41	35	BDL
		AUTO SS	6	18.2	7.7	35	38	BDL
		AGRI CLINIC	3.3	7.2	BDL	45	18	BDL
14.07.2020	NE & SE	TANK FARM	8.8	14	61	48	34	BDL
		IETP AREA	7.7	15.8	72	40	33	BDL
		UREA BAGGING	8	10	94	48	22	BDL
		AAQM STATION	6.6	5.5	46	52	22	BDL
		ADMIN BUILDING	6.6	4.4	31	28	11	BDL
		OFFICER'S CLUB	2.8	6.6	22	22	11	BDL
		JVP SHED	3	3.3	10	46	29.5	BDL
		AUTO SS	12	15.3	79	37	37	BDL
		AGRI CLINIC	6	4.2	BDL	44	11	BDL

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS / M ³					
			SO ₂	NO ₂	NH ₃	PM 10	PM 2.5	CO / HC
20.07.2020	NE & SE	TANK FARM	11.2	8.1	89	53	36	BDL
		IETP AREA	11	5.5	75	58	32	BDL
		UREA BAGGING	13	4.8	51	51	28	BDL
		AAQM STATION	4.9	7.1	70	22	13	BDL
		ADMIN BUILDING	5.5	3.9	28	6.6	10.2	BDL
		OFFICER'S CLUB	6.6	4.0	6	11.2	7.7	BDL
		JVP SHED	4.1	6.6	62	8.9	6.6	BDL
		AUTO SS	3.6	4.1	99	39	18.2	BDL
		AGRI CLINIC	4	5.5	BDL	40	19	BDL
24.07.2020	NE & SE	TANK FARM	8.7	16.5	83	37	26	BDL
		IETP AREA	6.9	17.7	82	46	22	BDL
		UREA BAGGING	11.2	6.9	94	47	31	BDL
		AAQM STATION	7.8	17.2	54	56	28	BDL
		ADMIN BUILDING	6.5	12.2	28	36	13	BDL
		OFFICER'S CLUB	7.7	5.9	16	6.6	2.8	BDL
		JVP SHED	5.5	4.6	15	49	15	BDL
		AUTO SS	13.6	6.6	88	51	38	BDL
		AGRI CLINIC	10.2	3.6	BDL	33	14	BDL
27.07.2020	NE & SE	TANK FARM	11.2	12.9	71	46	35	BDL
		IETP AREA	13.6	14.3	81	45	18	BDL
		UREA BAGGING	4.9	4.9	89	40	39	BDL
		AAQM STATION	7.5	6.6	65	41	11	BDL
		ADMIN BUILDING	4.9	7.7	49	38	14	BDL
		OFFICER'S CLUB	5.9	4.9	32	33	11	BDL
		JVP SHED	8.9	13.9	33	49	22	BDL
		AUTO SS	13.6	14.8	94	57	31	BDL
		AGRI CLINIC	6.6	6	BDL	55	18	BDL
30.07.2020	NE & SE	TANK FARM	13.6	15.6	91	52	30	BDL
		IETP AREA	12.6	16.2	84	49	12.5	BDL
		UREA BAGGING	14.5	18	85	37	22	BDL
		AAQM STATION	16.3	11.2	88	48	23	BDL
		ADMIN BUILDING	14.2	7.7	46	31	15.5	BDL
		OFFICER'S CLUB	13.6	5.5	33	18	12.1	BDL
		JVP SHED	7.7	6.6	18	42	36	BDL
		AUTO SS	6.6	2.9	28	39	18	BDL
		AGRI CLINIC	4.8	3.6	BDL	46	18	BDL

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

AMBIENT AIR QUALITY MONITORINGMONTH: : AUGUST 2020

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS /M3					
			SO2	NO2	NH3	PM 10	PM 2.5	CO / HC
03.08.2020	NE & SE	TANK FARM	8.6	8.9	84	56	38	BDL
		IETP AREA	6.6	4.9	89	52	22	BDL
		UREA BAGGING	4.2	3.6	74	49	37	BDL
		AAQM STATION	4.2	3.2	79	50	29	BDL
		ADMIN BUILDING	3.6	4.1	28	43	12	BDL
		OFFICER'S CLUB	4.1	2.2	BDL	42	10	BDL
		JVP SHED	5.8	1.8	2	53	33	BDL
		AUTO SS	7.2	1.9	82	49	24	BDL
		AGRI CLINIC	4	BDL	BDL	43	13	BDL
07.08.2020	NE & SE	TANK FARM	3.3	2.5	89	54	35	BDL
		IETP AREA	4.9	4	81	48	32	BDL
		UREA BAGGING	6.1	3.3	75	57	29	BDL
		AAQM STATION	2.2	2	33	43	19	BDL
		ADMIN BUILDING	1.9	1.2	15	28	14	BDL
		OFFICER'S CLUB	2.5	6.6	2.2	34	12	BDL
		JVP SHED	3	2.2	10	45	34	BDL
		AUTO SS	1.8	3	71	36	19	BDL
		AGRI CLINIC	2	2	BDL	28	12	BDL
10.08.2020	NE & SE	TANK FARM	8.5	6.6	83	45	37	BDL
		IETP AREA	7.2	4.3	71	43	32	BDL
		UREA BAGGING	6.6	7.9	76	48	19	BDL
		AAQM STATION	5.5	4.2	43	31	12	BDL
		ADMIN BUILDING	4.9	2.6	22	11	5.5	BDL
		OFFICER'S CLUB	3.2	2.1	23	28	7.7	BDL
		JVP SHED	8	4.5	40	49	30	BDL
		AUTO SS	7	2.3	6.2	36	38	BDL
		AGRI CLINIC	2.8	7.2	BDL	44	18	BDL
14.08.2020	NE & SE	TANK FARM	7.7	4	96	47	36	BDL
		IETP AREA	3.2	6.6	83	36	25	BDL
		UREA BAGGING	4	2	86	37	33	BDL
		AAQM STATION	6.8	3.2	38	49	18	BDL
		ADMIN BUILDING	7	2.2	2	32	6	BDL
		OFFICER'S CLUB	3	4.1	12.5	25	9.9	BDL
		JVP SHED	3	2.9	6	33	16	BDL
		AUTO SS	13	5.5	85	43	11	BDL
		AGRI CLINIC	5.5	3.2	BDL	32	6	BDL

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS / M ³					
			SO ₂	NO ₂	NH ₃	PM 10	PM 2.5	CO / HC
18.08.2020	NE & SE	TANK FARM	9.9	3.3	87	45	36	BDL
		IETP AREA	13.9	4.2	74	43	23	BDL
		UREA BAGGING	18.8	2.5	82	32	39	BDL
		AAQM STATION	8.8	3.3	35	33	12.5	BDL
		ADMIN BUILDING	6.6	2.2	22	7.7	3.3	BDL
		OFFICER'S CLUB	7.7	3.1	5	7.9	3.5	BDL
		JVP SHED	6.6	3	6.9	53	34	BDL
		AUTO SS	4.8	1.3	79	46	25.3	BDL
		AGRI CLINIC	0.5	1.1	BDL	32	11	BDL
21.08.2020	NE & SE	TANK FARM	4.4	9.9	86	39	31	BDL
		IETP AREA	7.7	6.6	89	44	28	BDL
		UREA BAGGING	12.8	7.7	91	37	22	BDL
		AAQM STATION	16.6	11.2	32	49	21	BDL
		ADMIN BUILDING	14	6.6	12	28	19	BDL
		OFFICER'S CLUB	6.6	4.4	16	49	3.3	BDL
		JVP SHED	4.8	2.2	12.3	37	32	BDL
		AUTO SS	11.2	4.2	87	49	32	BDL
		AGRI CLINIC	8.8	2.8	BDL	25	11	BDL
24.08.2020	NE & SE	TANK FARM	16.6	2.3	86	43	37	BDL
		IETP AREA	14.2	4.6	73	59	28	BDL
		UREA BAGGING	13.2	5.5	75	37	34	BDL
		AAQM STATION	9.9	7.2	49	41	16	BDL
		ADMIN BUILDING	4.5	3.3	35	38	13	BDL
		OFFICER'S CLUB	6.6	4.1	32	28	19	BDL
		JVP SHED	4.8	6.6	29	37	29	BDL
		AUTO SS	11.3	12.5	94	46	32	BDL
		AGRI CLINIC	8.8	6.9	BDL	43	21	BDL
28.08.2020	NE & SE	TANK FARM	16.6	12.3	72	53	18	BDL
		IETP AREA	11.5	11.2	81	40	16.9	BDL
		UREA BAGGING	12.2	18	94	56	35	BDL
		AAQM STATION	5.6	13.6	78	33	19	BDL
		ADMIN BUILDING	9.9	6.2	44	28	16.6	BDL
		OFFICER'S CLUB	12.1	4.6	36	21	11.2	BDL
		JVP SHED	6.6	7.9	29	39	34	BDL
		AUTO SS	7.9	3.3	31	43	22	BDL
		AGRI CLINIC	4.1	2.8	BDL	43	12	BDL

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

AMBIENT AIR QUALITY MONITORING

MONTH: SEPTEMBER 2020

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS /M3					
			SO2	NO2	NH3	PM 10	PM 2.5	CO / HC
01.09.2020	NE & SE	TANK FARM	12.2	16.2	98	51	26	BDL
		IETP AREA	5.9	6.6	95	45	28	BDL
		UREA BAGGING	3.9	4	85	52	33	BDL
		AAQM STATION	4.1	3.6	95	48	32	BDL
		ADMIN BUILDING	3.8	4.2	21	33	15	BDL
		OFFICER'S CLUB	2.2	2.9	BDL	12	5	BDL
		JVP SHED	1.8	2	13	32	12	BDL
		AUTO SS	2.2	2.6	12	11	6	BDL
		AGRI CLINIC	1	BDL	BDL	28	12	BDL
04.09.2020	NE & SE	TANK FARM	16.6	8.6	88	57	12	BDL
		IETP AREA	3.8	7.2	79	43	8	BDL
		UREA BAGGING	4.2	4	78	56	25	BDL
		AAQM STATION	3.6	2.9	42	40	18	BDL
		ADMIN BUILDING	1.2	1.8	2	23	11	BDL
		OFFICER'S CLUB	2	5.5	3.6	20	10	BDL
		JVP SHED	4.2	2.9	5	43	33	BDL
		AUTO SS	1.9	2.2	83	48	10	BDL
		AGRI CLINIC	2.6	2	BDL	30	8	BDL
07.09.2020	NE & SE	TANK FARM	6.6	16.6	84	49	34	BDL
		IETP AREA	5.2	14.2	91	53	22	BDL
		UREA BAGGING	7.2	5.6	94	44	16	BDL
		AAQM STATION	4	4.9	65	25	18	BDL
		ADMIN BUILDING	3.3	3.6	25	18	6.6	BDL
		OFFICER'S CLUB	3.1	2.9	10	20	5.5	BDL
		JVP SHED	8	4.9	19	56	18	BDL
		AUTO SS	6	3.3	6.6	46	12	BDL
		AGRI CLINIC	3	8.8	BDL	16	10	BDL
11.09.2020	NE & SE	TANK FARM	2.6	13	86	47	36	BDL
		IETP AREA	5.9	10.3	73	36	28	BDL
		UREA BAGGING	4.8	4	87	37	19	BDL
		AAQM STATION	6.6	4.9	40	49	16	BDL
		ADMIN BUILDING	5.5	6.5	28	32	16	BDL
		OFFICER'S CLUB	4.2	4.9	10.5	25	8.8	BDL
		JVP SHED	17	3.6	95	33	19	BDL
		AUTO SS	16	4.5	99	43	16	BDL
		AGRI CLINIC	5.5	3.9	BDL	25	12	BDL

DATE	WIND DIRECTION TOWARDS	LOCATION	CONCENTRATION / MICROGRAMS / M3					
			SO2	NO2	NH3	PM 10	PM 2.5	CO / HC
15.09.2020	NE & SE	TANK FARM	11.2	7.2	85	49	34	BDL
		IETP AREA	14.2	6.5	91	56	19	BDL
		UREA BAGGING	16.6	7.2	92	48	28	BDL
		AAQM STATION	8.9	4.9	40	39	12.6	BDL
		ADMIN BUILDING	7.8	6.6	26	18.9	4	BDL
		OFFICER'S CLUB	6.6	4.8	53	15.6	3.5	BDL
		JVP SHED	4.5	5	13.6	59	35	BDL
		AUTO SS	5.9	1.9	79	46	18	BDL
		AGRI CLINIC	2.3	2.6	BDL	40	28	BDL
21.09.2020	NE & SE	TANK FARM	9.5	7.2	85	49	40	BDL
		IETP AREA	8.9	6.5	81	53	19	BDL
		UREA BAGGING	13.7	7.2	95	48	28	BDL
		AAQM STATION	10.5	4.9	40	39	12.6	BDL
		ADMIN BUILDING	5.9	6.6	26	18.9	24	BDL
		OFFICER'S CLUB	1.2	4.8	53	15.6	35	BDL
		JVP SHED	13.3	5	13.6	51	25	BDL
		AUTO SS	18.2	1.9	79	46	38	BDL
		AGRI CLINIC	7	2.6	BDL	40	28	BDL
25.09.2020	NE & SE	TANK FARM	11.2	13.3	82	43	27	BDL
		IETP AREA	8.9	14.2	79	36	33	BDL
		UREA BAGGING	6.5	17	93	48	35	BDL
		AAQM STATION	11.2	11.3	46	52	25	BDL
		ADMIN BUILDING	5.2	7.6	19	32	12	BDL
		OFFICER'S CLUB	8.8	4.9	22	28	15	BDL
		JVP SHED	3.6	3.6	13.3	46	38	BDL
		AUTO SS	4.2	4.5	82	37	25	BDL
		AGRI CLINIC	7.7	3	BDL	39	11	BDL
28.09.2020	NE & SE	TANK FARM	8.8	11.2	94	59	31	BDL
		IETP AREA	6.9	10.3	82	40	22	BDL
		UREA BAGGING	5.5	12	96	39	33	BDL
		AAQM STATION	4.8	14.9	49	40	22	BDL
		ADMIN BUILDING	8.5	13.6	63	28	11	BDL
		OFFICER'S CLUB	1.2	15.2	28	18	5.5	BDL
		JVP SHED	2.2	8.8	40	46	29	BDL
		AUTO SS	6.6	4.5	69	49	24	BDL
		AGRI CLINIC	4.5	2.3	BDL	46	22	BDL

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

STACK EMISSION MONITORINGMONTH: MONTH: APRIL 2020

DATE	SOURCE	CONCENTRATION: Milligrams/Nm ³					
		SO ₂	NO _x as NO ₂	PM	F	NH ₃	STANDARDS
24.04.20	SA: FAT Exit	300 0.61 Kg/Ton	--	Mist :3.8	--	--	Mist: 10 SO ₂ : 1 Kg/Ton
30.04.20	PA: TCA-3 Exit	--	--	--	2.7	--	F: 20
17.04.20	PA: RG House Exit	--	--	52	--	--	PM: 125
07.04.20	DAP-I Dust Scrubber Exit	--	--	14	1	49.5	NH ₃ : 300 PM : 150 F : <10
07.04.20	DAP-II Dust Scrubber Exit	--	--	11	0.7	38.6	NH ₃ : 300 PM : 150 F : <10
09.04.20	AlF ₃ Waste Gas Stack Exit	--	--	48	--	--	--
09.04.20	AlF ₃ Calciner Chimney	520	11	--	--	--	--
23.04.20	SSP PLANT	--	--	43	1.4	--	PM : 125 F : 20
30.04.20	HH Off gas stack	--	--	--	7.8	--	F: 20

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

STACK EMISSION MONITORINGMONTH: MAY 2020

DATE	SOURCE	CONCENTRATION: Milligrams/Nm ³					
		SO ₂	NO _x as NO ₂	PM	F	NH ₃	STANDARDS
20.05.20	SA: FAT Exit	371 0.65 Kg/Ton	--	Mist :6.1	--	--	Mist: 10 SO ₂ : 1 Kg/Ton
06.05.20	PA: TCA-3 Exit	--	--	--	1.5	--	F: 20
13.05.20	PA: RG House Exit	--	--	48	--	--	PM: 125
12.05.20	DAP-I Dust Scrubber Exit	--	--	18	2.6	47	NH ₃ : 300 PM : 150 F : <10
04.05.20	DAP-II Dust Scrubber Exit	--	--	8	0.6	48	NH ₃ : 300 PM : 150 F : <10
11.05.20	AlF ₃ Waste Gas Stack Exit	--	--	47	--	--	--
11.05.20	AlF ₃ Calciner Chimney	490	13	--	--	--	--
S/D	SSP PLANT	--	--	--	--	--	PM : 125 F : 20
06.05.20	HH Off gas stack	--	--	--	3.5	--	F: 20

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

STACK EMISSION MONITORINGMONTH: JUNE 2020

DATE	SOURCE	CONCENTRATION: Milligrams/Nm ³					
		SO ₂	NO _x as NO ₂	PM	F	NH ₃	STANDARDS
S/D	SA: FAT Exit	S/D	--	S/D	--	--	Mist: 10 SO ₂ : 1 Kg/Ton
	PA: TCA-3 Exit	--	--	--	S/D	--	F: 20
	PA: RG House Exit	--	--	S/D	--	--	PM: 125
	DAP-I Dust Scrubber Exit	--	--	S/D			NH ₃ : 300 PM : 150 F : <10
	DAP-II Dust Scrubber Exit	--	--	S/D			NH ₃ : 300 PM : 150 F : <10
	AlF ₃ Waste Gas Stack Exit	--	--	S/D	--	--	--
	AlF ₃ Calciner Chimney	S/D		--	--	--	--
	SSP PLANT	--	--	--	--	--	PM : 125 F : 20
	HH Off gas stack	--	--	--	S/D	--	F: 20

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

STACK EMISSION MONITORINGMONTH: JULY 2020

DATE	SOURCE	CONCENTRATION: Milligrams/Nm ³					
		SO ₂	NO _x as NO ₂	PM	F	NH ₃	STANDARDS
16.07.20	SA: FAT Exit	345 0.68 Kg/Ton	--	Mist :2.3	--	--	Mist: 10 SO ₂ : 1 Kg/Ton
28.07.20	PA: TCA-3 Exit	--	--	--	2.7	--	F: 20
13.07.20	PA: RG House Exit	--	--	47	--	--	PM: 125
27.07.20	DAP-I Dust Scrubber Exit	--	--	10	0.5	47	NH ₃ : 300 PM : 150 F : <10
10.07.20	DAP-II Dust Scrubber Exit	--	--	2.8	2.5	16	NH ₃ : 300 PM : 150 F : <10
15.07.20	AlF ₃ Waste Gas Stack Exit	--	--	49	--	--	--
15.07.20	AlF ₃ Calciner Chimney	539	9	--	--	--	--
29.07.20	SSP PLANT	--	--	45	0.4	--	PM : 125 F : 20
28.07.20	PA: HH Off gas stack	--	--	--	7.9	--	F: 20

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

STACK EMISSION MONITORINGMONTH: AUGUST 2020

DATE	SOURCE	CONCENTRATION: Milligrams/Nm ³					
		SO ₂	NO _x as NO ₂	PM	F	NH ₃	STANDARDS
18.08.20	SA: FAT Exit	401 0.62 Kg/Ton	--	Mist :5.8	--	--	Mist: 10 SO ₂ : 1 Kg/Ton
17.08.20	PA: TCA-3 Exit	--	--	--	4.4	--	F: 20
S/D	PA: RG House Exit	--	--	S/D	--	--	PM: 125
24.08.20	DAP-I Dust Scrubber Exit	--	--	9.4	0.8	49	NH ₃ : 300 PM : 150 F : <10
11.08.20	DAP-II Dust Scrubber Exit	--	--	12.8	1.9	21	NH ₃ : 300 PM : 150 F : <10
10.08.20	AlF ₃ Waste Gas Stack Exit	--	--	47	--	--	--
10.08.20	AlF ₃ Calciner Chimney	415	9	--	--	--	--
28.08.20	SSP PLANT	--	--	41	2.5	--	PM : 125 F : 20
17.08.20	PA: HH Off gas stack	--	--	--	8.1	--	F: 20

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

STACK EMISSION MONITORINGMONTH: SEPTEMBER 2020

DATE	SOURCE	CONCENTRATION: Milligrams/Nm ³					
		SO ₂	NO _x as NO ₂	PM	F	NH ₃	STANDARDS
16.09.20	SA: FAT Exit	288 0.55 Kg/Ton	--	Mist :4.6	--	--	Mist: 10 SO ₂ : 1 Kg/Ton
03.09.20	PA: TCA-3 Exit	--	--	--	2.6	--	F: 20
08.09.20	PA: RG House Exit	--	--	48	--	--	PM: 125
02.09.20	DAP-I Dust Scrubber Exit	--	--	9	0.8	38	NH ₃ : 300 PM : 150 F : <10
S/D	DAP-II Dust Scrubber Exit	--	--	S/D	S/D	S/D	NH ₃ : 300 PM : 150 F : <10
09.09.20	AlF ₃ Waste Gas Stack Exit	--	--	38	--	--	--
09.09.20	AlF ₃ Calciner Chimney	494	10	--	--	--	--
23.09.20	SSP PLANT	--	--	36	0.7	--	PM : 125 F : 20
03.09.20	PA: HH Off gas stack	--	--	--	3.8	--	F: 20

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

WELL WATER ANALYSISMONTH: APRIL 2020

Location of wells And Salt Pans	pH	AN	UN	PO ₄	F ⁽⁻⁾	NO ₃ -N	As	TDS
Gypsum Dyke - NE	6.8	BDL	BDL	1.8	0.6	BDL	BDL	1250
Gypsum Dyke - N	7.0	BDL	BDL	2.2	0.7	BDL	BDL	1680
Gypsum Dyke - NW	6.6	BDL	BDL	4.2	0.5	BDL	BDL	1750
Gypsum Dyke - W	6.5	BDL	BDL	2.2	0.3	BDL	BDL	1180
Gypsum Dyke - SW	6.8	BDL	BDL	0.8	0.4	BDL	BDL	1830
Gypsum Dyke - S	7.1	BDL	BDL	1.9	0.9	BDL	BDL	1530
Effluent Farm	7.9	BDL	BDL	0.6	BDL	BDL	BDL	780
Nursery well	7.8	BDL	BDL	0.4	BDL	BDL	BDL	1160
Temple well	7.0	BDL	BDL	0.7	BDL	BDL	BDL	1480
Near North gate	7.1	BDL	BDL	0.8	BDL	BDL	BDL	1250
SBC opposite	7.3	BDL	BDL	1.0	BDL	BDL	BDL	1750
Sagar sadan	8.1	BDL	BDL	1.2	BDL	BDL	BDL	850

GREENSTAR FERTILIZERS LIMITED SPIC NAGAR, TUTICORIN-628 005

WELL WATER ANALYSISMONTH: MAY 2020

Location of wells And Salt Pans	pH	AN	UN	PO ₄	F ⁽⁻⁾	NO ₃ -N	As	TDS
Gypsum Dyke - NE	6.7	BDL	BDL	2.6	0.5	BDL	BDL	1850
Gypsum Dyke - N	6.5	BDL	BDL	3.2	0.8	BDL	BDL	2050
Gypsum Dyke - NW	6.8	BDL	BDL	2.7	0.5	BDL	BDL	2018
Gypsum Dyke - W	6.9	BDL	BDL	1.8	0.6	BDL	BDL	1930
Gypsum Dyke - SW	6.6	BDL	BDL	1.5	0.4	BDL	BDL	1820
Gypsum Dyke - S	6.8	BDL	BDL	1.3	0.3	BDL	BDL	1790
Effluent Farm	7.9	BDL	BDL	0.7	BDL	BDL	BDL	670
Nursery well	7.8	BDL	BDL	1.2	BDL	BDL	BDL	1780
Temple well	7.2	BDL	BDL	1.3	BDL	BDL	BDL	1460
Near North gate	7.1	BDL	BDL	1.5	BDL	BDL	BDL	1870
SBC opposite	7.8	BDL	BDL	0.9	BDL	BDL	BDL	1055
Sagar sadan	8.1	BDL	BDL	1.2	BDL	BDL	BDL	840

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

WELL WATER ANALYSISMONTH: JUNE 2020

Location of wells And Salt Pans	pH	AN	UN	PO ₄	F ⁽⁻⁾	NO ₃ -N	As	TDS
Gypsum Dyke - NE	6.6	BDL	BDL	2.9	0.7	BDL	BDL	1670
Gypsum Dyke - N	6.5	BDL	BDL	3.4	0.6	BDL	BDL	2050
Gypsum Dyke - NW	6.7	BDL	BDL	2.8	0.5	BDL	BDL	1985
Gypsum Dyke - W	6.8	BDL	BDL	2.1	0.6	BDL	BDL	1780
Gypsum Dyke - SW	6.5	BDL	BDL	2.3	0.4	BDL	BDL	1560
Gypsum Dyke - S	6.2	BDL	BDL	3.1	0.9	BDL	BDL	1450
Effluent Farm	7.8	BDL	BDL	1.8	BDL	BDL	BDL	8755
Nursery well	7.9	BDL	BDL	1.7	BDL	BDL	BDL	2010
Temple well	7.7	BDL	BDL	0.8	BDL	BDL	BDL	1800
Near North gate	7.1	BDL	BDL	1.2	BDL	BDL	BDL	1500
SBC opposite	7.3	BDL	BDL	0.8	BDL	BDL	BDL	1035
Sagar sadan	7.9	BDL	BDL	1.8	BDL	BDL	BDL	980

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

WELL WATER ANALYSISMONTH: JULY 2020

Location of wells And Salt Pans	pH	AN	UN	PO ₄	F ⁽⁻⁾	NO ₃ -N	As	TDS
Gypsum Dyke - NE	6.6	BDL	BDL	2.4	0.4	BDL	BDL	1700
Gypsum Dyke - N	6.7	BDL	BDL	1.8	0.8	BDL	BDL	1950
Gypsum Dyke - NW	7.1	BDL	BDL	0.9	1.2	BDL	BDL	2058
Gypsum Dyke - W	6.8	BDL	BDL	2.4	0.5	BDL	BDL	1972
Gypsum Dyke - SW	6.5	BDL	BDL	3.5	0.7	BDL	BDL	1856
Gypsum Dyke - S	7.0	BDL	BDL	1.9	0.9	BDL	BDL	2031
Effluent Farm	7.8	BDL	BDL	1.2	BDL	BDL	BDL	505
Nursery well	8.1	BDL	BDL	1.6	BDL	BDL	BDL	1640
Temple well	7.9	BDL	BDL	1.2	BDL	BDL	BDL	1470
Near North gate	7.1	BDL	BDL	0.8	BDL	BDL	BDL	1800
SBC opposite	7.2	BDL	BDL	0.5	BDL	BDL	BDL	1200
Sagar sadan	8.3	BDL	BDL	1.1	BDL	BDL	BDL	700

GREENSTAR FERTILIZERS LIMITED SPIC NAGAR, TUTICORIN-628 005

WELL WATER ANALYSISMONTH: AUGUST 2020

Location of wells And Salt Pans	pH	AN	UN	PO ₄	F ⁽⁻⁾	NO ₃ -N	As	TDS
Gypsum Dyke - NE	6.7	BDL	BDL	2.6	0.6	BDL	BDL	1978
Gypsum Dyke - N	6.9	BDL	BDL	3.1	0.5	BDL	BDL	2080
Gypsum Dyke - NW	7	BDL	BDL	1.4	1.3	BDL	BDL	2075
Gypsum Dyke - W	6.8	BDL	BDL	0.9	0.8	BDL	BDL	1850
Gypsum Dyke - SW	6.5	BDL	BDL	2	0.9	BDL	BDL	1910
Gypsum Dyke - S	7	BDL	BDL	2.2	1.1	BDL	BDL	1835
Effluent Farm	7.8	BDL	BDL	1.2	BDL	BDL	BDL	540
Nursery well	8.4	BDL	BDL	1.6	BDL	BDL	BDL	1240
Temple well	7.9	BDL	BDL	1.1	BDL	BDL	BDL	1625
Near North gate	7.1	BDL	BDL	0.9	BDL	BDL	BDL	1780
SBC opposite	7.5	BDL	BDL	1	BDL	BDL	BDL	1050
Sagar sadan	8.3	BDL	BDL	1.5	BDL	BDL	BDL	640

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

WELL WATER ANALYSISMONTH: SEPTEMBER 2020

Location of wells And Salt Pans	pH	AN	UN	PO ₄	F ⁽⁻⁾	NO ₃ -N	As	TDS
Gypsum Dyke - NE	7.3	BDL	BDL	2.1	0.8	BDL	BDL	1480
Gypsum Dyke - N	6.5	BDL	BDL	1.6	0.6	BDL	BDL	1650
Gypsum Dyke - NW	6.9	BDL	BDL	1.9	0.7	BDL	BDL	2054
Gypsum Dyke - W	6.5	BDL	BDL	1.8	0.6	BDL	BDL	1980
Gypsum Dyke - SW	6.6	BDL	BDL	2.7	0.9	BDL	BDL	1530
Gypsum Dyke - S	6.7	BDL	BDL	2.3	1.0	BDL	BDL	1600
Effluent Farm	6.9	BDL	BDL	1.9	BDL	BDL	BDL	470
Nursery well	7.9	BDL	BDL	1.8	BDL	BDL	BDL	1680
Temple well	7.3	BDL	BDL	0.6	BDL	BDL	BDL	1200
Near North gate	7	BDL	BDL	1.3	BDL	BDL	BDL	1270
SBC opposite	7.1	BDL	BDL	1	BDL	BDL	BDL	1080
Sagar sadan	8	BDL	BDL	1.2	BDL	BDL	BDL	870

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

FUGITIVE EMISSION ANALYSIS AT WORK PLACE1. AlF_3 Bagging Plant:

Parameters	UOM	Date:26.06.20
PM 10	$\mu\text{gm}/\text{m}^3$	77
PM 2.5	$\mu\text{gm}/\text{m}^3$	26

2. DAP Bagging Plant:

Parameters	UOM	Date:25.06.20
PM 10	$\mu\text{gm}/\text{m}^3$	62
PM 2.5	$\mu\text{gm}/\text{m}^3$	30

GREENSTAR FERTILIZERS LIMITED, SPIC NAGAR, TUTICORIN-628 005

FUGITIVE EMISSION ANALYSIS AT WORK PLACE

1. AIF3 Bagging Plant:

Parameters	UOM	Date:28.09.2020
NH3	µgm/ m3	71
SO2	µgm/ m3	13.2
NO2	µgm/ m3	7.8
PM 10	µgm/ m3	49
PM 2.5	µgm/ m3	19

2.DAP Bagging Plant:

Parameters	UOM	Date:27.09.2020
NH3	µgm/ m3	86
SO2	µgm/ m3	3.6
NO2	µgm/ m3	14.1
PM 10	µgm/ m3	56
PM 2.5	µgm/ m3	11