

### Annexure 13: Baseline Ambient Air Quality Results

**VILLAGE: A1 Project Site**

Dates	PM2.5	PM10	SOX	NOX
04-12-2015	27.5	78.3	9.9	16.1
07-12-2015	27.4	79.3	8.3	11.4
11-12-2015	26.5	79.3	8.3	17
15-12-2015	26.5	71.2	8.9	13.2
19-12-2015	29.6	77.4	5.8	12.3
22-12-2015	26.3	74.1	9.9	11.4
27-12-2015	25.6	70.5	8.9	12
31-12-2015	26.4	70.9	10.3	15.4
04-01-2016	32.2	78.2	6.4	11.8
07-01-2016	33.6	81.5	12.4	0
11-01-2016	32.5	78.1	10.7	9.2
15-01-2016	32.5	77.7	5.8	11.1
19-01-2016	28.5	74.1	10.3	14.5
22-01-2016	33.6	80.1	7.2	9.7
27-01-2016	29.7	74.3	8.3	6.6
31-01-2016	32.5	75.6	8.2	4
04.02.2016	27.5	78.3	9.6	16.1
07.02.2016	27.4	79.3	8.3	11.1
11.02.2016	26.5	79.3	8.3	16.4
14.02.2016	29.3	76.6	10.7	13.9
19.02.2016	27.1	74.1	9.9	11.4
22.02.2016	28.6	80.4	7.2	12.3
26.02.2016	26.1	77.7	6.7	12.6
29.02.2016	28.8	75.9	10.7	14.9
<b>Min</b>	<b>25.6</b>	<b>70.5</b>	<b>5.8</b>	<b>0.0</b>
<b>Max</b>	<b>33.6</b>	<b>81.5</b>	<b>12.4</b>	<b>17.0</b>
<b>Mean</b>	<b>28.8</b>	<b>76.8</b>	<b>8.8</b>	<b>11.9</b>

VILLAGE: A2 Vasna Chacharwadi

Dates	PM2.5	PM10	SOX	NOX
01-12-2015	30.5	81	6.2	20.1
05-12-2015	24.1	72.3	7.5	17.9
08-12-2015	24	74.1	9.6	13.3
12-12-2015	27.4	75.6	11	14.1
16-12-2015	24.1	73.6	8.5	14.1
20-12-2015	27.1	74.1	9.6	11.4
23-12-2015	28.5	81.5	10.7	11.7
28-12-2015	26.3	71.5	10.7	10.8
01-01-2016	29.3	70	11.7	14.8
05-01-2016	34.2	81.2	9.9	10.8
08-01-2016	34.8	81.2	12.4	16
12-01-2016	33.5	80.1	5.2	12.1
16-01-2016	31.5	76.3	8.6	8.9
20-01-2016	31.2	78.3	6.9	11.9
23-01-2016	28.5	74.1	8.5	16.5
28-01-2016	32.5	77.5	7.6	6.2
01.02.2016	30.5	81	6.2	18.8
05.02.2016	24.1	72.3	7	17.9
08.02.2016	24	74.1	9.3	12.4
12.02.2016	24.3	69.3	7.6	10.5
16.02.2016	29.6	77.7	6.2	12.3
20.02.2016	26.4	74.5	8.5	10.8
23.02.2016	29.8	74.3	8.2	15.1
27.02.2016	24.1	75.2	7.6	13.8
Min	24.0	69.3	5.2	6.2
Max	34.8	81.5	12.4	20.1
Mean	28.3	75.9	8.6	13.4

VILLAGE: A3 Matoda

Dates	PM2.5	PM10	SOX	NOX
02-12-2015	25.3	77	8.2	13.1
05-12-2015	28.3	74.6	8.2	15.1
09-12-2015	23.6	69.3	6.7	13.5
12-12-2015	24.3	69.3	7.6	10.5
17-12-2015	28.6	75.2	7.2	12.9
20-12-2015	28.5	78.8	8.2	16.1
24-12-2015	28.6	80.4	7.2	12.7
28-12-2015	26.3	75.5	8.3	14.4
02-01-2016	31.2	74	6.7	8.1
05-01-2016	28.1	74.5	10.7	12.1
09-01-2016	27.8	74.3	10.3	11.6
12-01-2016	34.5	82.3	6.2	13.5
17-01-2016	32.6	78.9	11	15
20-01-2016	26.5	69.3	6.5	10.8
24-01-2016	29.7	74.3	7.8	9.3
28-01-2016	32.5	76.3	6.4	5.5
02.02.2016	25.3	77	8.2	12.3
05.02.2016	28.3	74.6	8.2	15.1
09.02.2016	23.6	69.3	6.7	13.9
12.02.2016	30.2	81.2	8.9	12.7
17.02.2016	30.2	78.5	8.9	14.5
20.02.2016	28.6	78.5	7.5	13
24.02.2016	28.6	75.6	9.9	13.6
27.02.2016	25.3	74.1	7.2	12
Min	23.6	69.3	6.2	5.5
Max	34.5	82.3	11.0	16.1
Mean	28.2	75.5	8.0	12.6

VILLAGE: A4 Navapura

Dates	PM2.5	PM10	SOX	NOX
02-12-2015	24.3	74	10	13.6
06-12-2015	26.1	78.9	6.7	11.4
09-12-2015	22.1	68.5	6.9	12.3
14-12-2015	30.2	81.2	8.9	13.1
17-12-2015	29.6	77.7	6.4	12.3
21-12-2015	26.3	71.2	9.2	12
24-12-2015	24.5	75.3	6.5	13.5
29-12-2015	26.1	77.7	6.7	12.6
02-01-2016	31.2	74	6.7	8.1
05-01-2016	28.1	74.5	10.7	12.1
09-01-2016	27.8	74.3	10.3	11.6
12-01-2016	34.5	82.3	6.2	13.5
17-01-2016	32.6	78.9	11	15
20-01-2016	26.5	69.3	6.5	10.8
24-01-2016	29.7	74.3	7.8	9.3
28-01-2016	32.5	76.3	6.4	5.5
02.02.2016	24.3	74	8.6	11.3
05.02.2016	26.1	78.9	6.7	11.4
09.02.2016	22.1	68.5	7.1	12.7
12.02.2016	28.5	80.5	6.4	15.4
17.02.2016	28.6	71.2	10.7	11.4
20.02.2016	29.3	76.3	8.9	14.8
24.02.2016	29.3	77.3	7.2	11.1
27.02.2016	26.9	70.9	10.7	15.4
Min	22.1	68.5	6.2	5.5
Max	34.5	82.3	11.0	15.4
Mean	27.8	75.3	8.1	12.1

VILLAGE: A5 Moraiya

Dates	PM2.5	PM10	SOX	NOX
03-12-2015	25.6	68	6	13.4
06-12-2015	30.2	80.2	8.6	11
10-12-2015	26.3	70.8	7.9	10.8
14-12-2015	28.5	80.5	6.6	15.4
18-12-2015	30.2	78.5	8.6	14.1
21-12-2015	26.4	74.5	8.8	10.8
26-12-2015	25.6	71.2	7.1	11.1
29-12-2015	25.3	74.1	6.7	13.5
03-01-2016	33.2	80.3	6.4	12.1
06-01-2016	33.3	78.9	6.2	14.2
10-01-2016	32.6	78.9	7.5	13
13-01-2016	30.1	77.3	12.8	11.3
18-01-2016	28.7	74.3	7.8	15.5
21-01-2016	32.1	75.2	8.5	9.8
25-01-2016	28.5	71.2	6.5	7.7
29-01-2016	28.5	74.1	7.8	4.5
03.02.2016	25.6	68	6	13
06.02.2016	30.2	80.2	8.9	11.4
09.02.2016	26.3	70.8	8.2	10.8
13.02.2016	26.5	74.3	6.7	12.4
17.02.2016	24.5	75.6	6.6	11.6
21.02.2016	29.3	77.3	8.2	13
24.02.2016	25.6	70.5	8.6	12
28.02.2016	27.3	71.9	10.3	14.9
Min	24.5	68.0	6.0	4.5
Max	33.3	80.5	12.8	15.5
Mean	28.4	74.9	7.8	12.0

VILLAGE: A6 Palwada

Dates	PM2.5	PM10	SOX	NOX
03-12-2015	23.4	70	8.9	14
06-12-2015	27.1	81.2	10.3	12.3
10-12-2015	31.2	80.5	8.6	11.7
14-12-2015	26.5	74.3	6.5	12
18-12-2015	28.6	71.2	11	11.4
21-12-2015	28.6	78.5	7.2	13
26-12-2015	29.8	74.3	8.2	14.2
30-12-2015	28.6	79.6	6.9	10.5
03-01-2016	34.1	81.4	12.1	13
06-01-2016	28.1	74.2	7.1	14.8
10-01-2016	33.1	80.1	6.6	13.5
13-01-2016	29.5	74.1	7.5	15
18-01-2016	32.2	77.6	4.8	12.8
21-01-2016	32.1	76.3	5.2	12.8
25-01-2016	32.5	78.3	5.2	7.1
30-01-2016	28.9	71.2	5.3	5.3
03.02.2016	23.4	70	8.9	13.6
06.02.2016	27.1	81.2	10	12.3
10.02.2016	31.2	80.5	8.6	12.8
13.02.2016	28.5	78.5	8.2	11.1
18.02.2016	28.6	78.9	7.1	13
21.02.2016	26.3	74.1	9.9	11.4
25.02.2016	24.6	69.9	8.4	12.7
28.02.2016	27.7	72.9	10.7	15.4
Min	23.4	69.9	4.8	5.3
Max	34.1	81.4	12.1	15.4
Mean	28.8	76.2	8.1	12.3

VILLAGE: A7 Tajpur

Dates	PM2.5	PM10	SOX	NOX
03-12-2015	29.1	77.5	7.2	16.1
07-12-2015	25.3	74.6	10.3	14.5
11-12-2015	32.1	81.3	6.4	14.1
15-12-2015	28.5	78.5	8.2	10.8
18-12-2015	24.5	75.6	6.9	12.4
22-12-2015	29.3	76.3	8.9	14.4
26-12-2015	28.6	75.6	9.6	13.6
30-12-2015	24.1	75.2	7.3	14.2
03-01-2016	28.6	81.4	12.1	13
07-01-2016	32.3	74.2	7.1	14.8
10-01-2016	27.8	80.1	6.6	13.5
13-01-2016	28.5	74.1	7.5	15
18-01-2016	33.5	77.6	4.8	12.8
22-01-2016	32.7	76.3	5.2	12.8
25-01-2016	33.5	78.3	5.2	7.1
30-01-2016	29.3	71.2	5.3	5.3
03.02.2016	29.1	77.5	7.7	15.5
07.02.2016	25.3	74.6	10.3	14.1
10.02.2016	32.1	81.3	6.4	14.5
13.02.2016	27.4	77.4	8.3	10.5
18.02.2016	29.6	77.4	6	12.7
21.02.2016	26.3	79.3	10.6	10.5
25.02.2016	26.3	71.5	10	10.8
28.02.2016	28.1	73.9	10	14.4
Min	24.1	71.2	4.8	5.3
Max	33.5	81.4	12.1	16.1
Mean	28.8	76.7	7.8	12.8

VILLAGE: A8 Changodar

Dates	PM2.5	PM10	SOX	NOX
04-12-2015	32.1	80.5	8.9	16.7
07-12-2015	29.1	76.7	6.3	14.9
11-12-2015	30.8	80.1	7.9	16.4
15-12-2015	27.4	77.4	8.3	10.1
19-12-2015	28.6	78.9	6.9	13
22-12-2015	29.3	77.3	8.2	12.6
27-12-2015	29.3	77.3	7.5	11.1
31-12-2015	25.3	74.1	7.5	12.8
04-01-2016	28.9	77.3	5.8	15.3
07-01-2016	34.5	80.5	10.3	10.8
11-01-2016	29.5	76.9	6.2	16.8
15-01-2016	27.1	68.3	10.3	13
19-01-2016	31.2	75.3	10.7	15
22-01-2016	32.5	79.3	10.7	8.4
27-01-2016	33.5	81.3	7.6	5.8
31-01-2016	31.2	77.3	6.7	4.3
04.02.2016	32.1	80.5	8.9	16.2
07.02.2016	29.1	76.7	6.7	15.4
10.02.2016	30.8	80.1	8.2	16.4
14.02.2016	26.5	71.2	8.6	13.2
18.02.2016	25.4	75.3	6.7	12
22.02.2016	28.5	81.5	10.3	11.7
25.02.2016	26.3	75.5	8.5	14.4
29.02.2016	28.5	74.9	10.3	14.9
Min	25.3	68.3	5.8	4.3
Max	34.5	81.5	10.7	16.8
Mean	29.5	77.3	8.3	13.0



VILLAGE: A9 Rajoda

Dates	PM2.5	PM10	SOX	NOX
11.02.2016	28.6	74.2	9.6	12.6
14.02.2016	24.1	73.6	8.3	14.1
19.02.2016	28.5	78.8	7.9	15.5
22.02.2016	24.5	75.3	6.5	13.5
26.02.2016	25.3	74.1	6.5	13.9
29.02.2016	29.2	76.9	10	14.9
01.03.2016	29.2	75.3	11.3	13.5
02.03.2016	32.5	78.9	8.3	11.7
Min	24.1	73.6	6.5	11.7
Max	32.5	78.9	11.3	15.5

**Annexure: 12 Industrial Estate letter for utilizing treated effluent in  
greenbelt**

# NAIE Welfare Association

Ref No.:

Date :

## Agreement For Utilatization Of Treated Effluent For Plantation In Industrial Estate Land

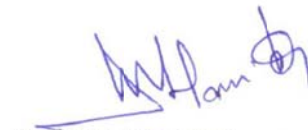
- We Are An Association Of New Ahmedabad Industrial Estate Located At Village : **Moraiya**, Taluka : **Sanand**, District: **Ahmedabad** In **Gujarat State**.
- Macro Polymers Private Limited has established a factory at plot no : 21 & 22 in our industrial estate. The company is engaged in manufacturing of Industrial Polymers and Synthetics Resin.
- Due to their industrial operations, domestic and industrial waste water is generated. The industry has installed an effluent treatment plant to treat the combined.
- We wish to carry out plantation in open land of the estate and across the estate roads.
- The industry has treated effluent available that meets the prescribed norms by GPCB. We have requested the industry to supply us the same for irrigation of the plantation. The industry has accepted our proposals and agreed to carry out the works for pipe line and other facilities.
- The industry agrees to operate their wastewater treatment plant at full capacity and full efficiency and maintain the treated wastewater parameters as per prescribed norms by GPCB.
- We agree to utilize approx. 10000 liters per day treated effluent for estate plantation.

For, NAIE Welfare Association



President

For, Macro Polymers P. Ltd.



Authorized Signature

Date 02/01/2017

