

Integrated HSEQR Consulting Engineers, Scientists & Trainers (Recognised By Ministry of Environment and Forests, New Delhi Under EPA 1986) (No. Q - 1508 / 32 / 2007 - CPW)

(ISO 9001-2008, 14001:2004, OHSAS 18001:2007 & NABL / ISO / IÉC 17025:2005 Certified Organisation)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/December-00/0867

Date: 05/01/2016

#### **ANALYSIS REPORT**

(For the Month of December - 2015)

Client De	tails		Sample Details		
Name	M/s. Deep	ak Fertilizers &	Sample Code	GCI/V/15/L5/AA1	
	Petrochemicals Corporation Ltd.		Location	Outside Security Gate	
Address	Plot K1,MIDC	Industrial Area, P.O	Date of Sampling	28-29/12/2015	
	Taloja, A.V, 4	110208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra	, India	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Akrur		Particulate Sampler & Bladder	
Analysis Starts on 31/12/2015		31/12/2015	Sampling Method	IS 5182 : Part 5 : 1975	
Analysis (	Completion Or	05/01/2016	Sample Received Date	31/12/2015	

### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Init Results		Reference Method
No.			Outside Security  Gate	Standards	
1.	Particulate Matter (PM10)	μg/m³	62.9	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	25.9	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	8.9	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	μg/m³	14.9	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	μg/m³	72	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.478	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

**Authorized Signatory** 

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), iNDIA.

Tel.: +91 - 265 - 2371269 Cell: +91 93285 83835 E-mail: info@greencircleinc.com Website: www.greencircleinc.com

: ALSO AT:

NEWDELHI GOA PUNE BENGALURU U.K. HYDERABAD KOLKATA DHARWAD MUMBAI PORT BLAIR

NEWDELHI GOA PUNE BENGALURU U.K. HYDERABAD KOLKATA DHARWAD MUMBAI PORT BLAIR

OVERSEAS:

AUSTRALIA OMAN KUWAIT AFRICA VIETNAM BANGLADESH MYANMAR SRILANKA UAE



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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/December-00/0867

Date: 05/01/2016

### **ANALYSIS REPORT**

(For the Month of December- 2015)

Client De	tails		Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/L5/AA2	
	Petrochemical	s Corporation Ltd.	Location	Outside ANP Material Gate	
Address	Address Plot K1, MIDC Industrial Area, P.O		Date of Sampling	28-29/12/2015	
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, II	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Akrur		Particulate Sampler & Bladder	
Analysis Starts on 31/12/2015		Sampling Method	IS 5182 : Part 5 : 1975		
Analysis Completion On 05/01/2016		Sample Received Date	31/12/2015		

#### AMBIENT AIR QUALITY MONITORING RESULTS

Sr.	Parameters	Unit	Results	МРСВ	Reference Method	
No.			Outside ANP Material Gate			
1.	Particulate Matter (PM10)	μg/m³	63.9	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	25.4	60	NAAQS Guidelines	
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	9.8	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	μg/m³	14.4	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH <sub>3</sub> )	μg/m³	93	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.510	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Poliution control Board.

Authorized Signatory

Analysis is subject to the condition in which the sample is received at our Laboratory.

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Sample will be retained till one month from the date of sampling.

CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), INDIA. R&D Tel.: +91 - 265 - 2371269 Cell: +91 93285 83835 E-mail: info@greencircleinc.com Website: www.greencircleinc.com NEWDELHI **GOA** PUNE **BENGALURU** U.K. **HYDERABAD KOLKATA** DHARWAD MUMBAI **PORT BLAIR** : OVERSEAS :-**AUSTRALIA OMAN KUWAIT AFRICA VIETNAM BANGLADESH MYANMAR SRILANKA** UAE



**AUSTRALIA** 

**OMAN** 

**KUWAIT** 

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/December-00/0867

Date: 05/01/2016

### **ANALYSIS REPORT**

(For the Month of December- 2015)

Client De	tails		Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/L5/AA3	
<u></u>	Petrochemicals Corporation Ltd.		Location .	Outside IPA Material Gate	
Address	Plot K1,MIDC In	ndustrial Area, P.O	Date of Sampling	28-29/12/2015	
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, I	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Akrur		Particulate Sampler & Bladder	
Analysis Starts on 31/12/2015		Sampling Method	IS 5182 : Part 5 : 1975		
Analysis (	Analysis Completion On 05/01/2016		Sample Received Date	31/12/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr. No.	Parameters	Unit	Results Outside IPA Material Gate	MPCB Standards	Reference Method
1.	Particulate Matter (PM10)	μg/m³	75.6	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	30.6	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	10.8	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	μg/m³	17.9	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH <sub>3</sub> )	μg/m³	119	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.574	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

**Authorized Signatory** 

**SRILANKA** 

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- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till one month from the date of sampling.

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CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), INDIA.

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: OVERSEAS:

VIETNAM .

**BANGLADESH** 

**MYANMAR** 



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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/December-00/0867

### Date: 05/01/2016

### **ANALYSIS REPORT**

(For the Month of December- 2015)

Client De	tails		Sample Details		
Name	M/s. Deepo	ık Fertilizers &	Sample Code	GCI/V/15/L5/AA4	
Petrochemicals Corpora		ls Corporation Ltd.	Location	Valavli Gaon	
Address	Address   Plot K1, MIDC Industrial Area, P.O		Date of Sampling	28-29/12/2015	
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, I	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Akrur		Particulate Sampler & Bladder	
Analysis Starts on 31		31/12/2015	Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On		05/01/2016	Sample Received Date	31/12/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Resuits	MPCB	Reference Method
No.			Valavli Gaon	Standards	
1.	Particulate Matter (PM10)	μg/m³	45.9	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	18.9	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	6.3	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	µg/m³	12.6	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH <sub>3</sub> )	μg/m³	44.1	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.379	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

**Authorized Signatory** 

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CORP. OFFICE	E & : Gre	en Empire	(Anupushpam), Abo	ove AXIS	Bank, Nr. Yash Cor	nplex, Gotri Ma	in Road, Vadodi	ara - 390 021 (	Gujarat), INDIA.
R & D	Tel.	: +91 - 265	5 - 2371269 Cell :	+91 9328	5 83835 E-mall : in	fo@greencircle	inc.com Website	e : www.greend	sircleinc.com
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OVERSEAS:

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/November-00/0746

### Date: 10/12/2015

### **ANALYSIS REPORT**

(For the Month of November - 2015)

Client De	talis		Sample Details		
Name	M/s. Deepal	k Fertilizers &	Sample Code	GCI/V/15/L8/AA1	
	Petrochemical:	Corporation Ltd.	Location	Outside Security Gate	
Address	Address Plot K1,MIDC Industrial Area, P.O		Date of Sampling	24/11/2015	
	Taloja, A.V, 410	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, Ir	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Satyawan		Particulate Sampler & Bladder	
Analysis Starts on 07/12/2015		07/12/2015	Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On 10/12/2015		Sample Received Date	07/12/2015		

#### AMBIENT AIR QUALITY MONITORING RESULTS

Sr.	Parameters	Unit	Results	MPCB	Reference Method	
No.			Outside Security  Gate	Standards		
1.	Particulate Matter (PM10)	μg/m³	63.7	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM2.5)	μg/m³	25.4	60	NAAQS Guidelines	
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	8.8	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	μg/m³	14.0	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH <sub>3</sub> )	μg/m³	70	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.376	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Pollution control Board.

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Sample will be retained till one month from the date of sampling.

**AFRICA** 

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/November-00/0746

#### Date: 10/12/2015

#### ANALYSIS REPORT

(For the Month of November-2015)

Client De	talls		Sample Details	
Name	M/s, Deepa	k Fertilizers &	Sample Code	GCI/V/15/L8/AA2
	Petrochemicals Corporation Ltd.		Location	Outside ANP Material Gate
Address Plot K1,MIDC Industrial Area, P.O		Date of Sampling	24/11/2015	
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs
	Maharashtra, li	ndia	Sampling Instrument	Respirable Dust Sampler, Fine
Sampling	Done By	Mr. Satyawan		Particulate Sampler & Bladder
Analysis Starts on 07/12/20		07/12/2015	Sampling Method	IS 5182 : Part 5 : 1975
Analysis Completion On 10/12/2015		Sample Received Date	07/12/2015	

#### AMBIENT AIR QUALITY MONITORING RESULTS

Sr.	Parameters	Unit	Results	мрсв	Reference Method	
No.		Outside ANP Material Gate		Standards		
1.	Particulate Matter (PM10)	μg/m³	62.7	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM2.5)	μg/m³	25.0	60	NAAQS Guidelines	
3.	Sulfur Dioxide (\$O <sub>2</sub> )	μg/m³	9.1	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	μg/m³	14.5	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH <sub>3</sub> )	μg/m³	94	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.402	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Pollution control Board.

**Authorized Signatory** 

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Sample will be retained till one month from the date of sampling.

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(ISO 9001-2008, 14001:2004, OHSAS 18001:2007 & NABL / ISO / IEC 17025:2005 Certified Organisation)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/November-00/0746

#### **ANALYSIS REPORT**

(For the Month of November-2015)

Client Details			Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/L8/AA3	
	Petrochemical:	Corporation Ltd.	Location	Outside IPA Material gate	
Address	Address Plot K1,MIDC Industrial Area, P.O		Date of Sampling	25/11/2015	
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, It	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Satyawan		Particulate Sampler & Bladder	
Analysis :	Analysis Starts on 07,		Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On		10/12/2015	Sample Received Date	07/12/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	MPCB	Reference Method	
No.			Outside IPA Material Gate	Standards		
ī.	Particulate Matter (PM10)	µg/m³	75.7	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM2.5)	μg/m³	30.2	60	NAAQS Guidelines	
3.	Sulfur Dioxide (\$O <sub>2</sub> )"	μg/m³	10.7	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	μg/m³	17.1	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH <sub>3</sub> )	µg/m³	116	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.514	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signatory

Date: 10/12/2015

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/November-00/0746

Date: 10/12/2015

#### **ANALYSIS REPORT**

(For the Month of November- 2015)

Client De	tails		Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/L8/AA4	
	Petrochemical	Corporation Ltd.	Location	Valavli Gaon	
Address	Plot K1, MIDC I	ndustrial Area, P.O	Date of Sampling	25/11/2015	
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, II	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Satyawan		Particulate Sampler & Bladder	
Analysis :	Starts on	07/12/2015	Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On		10/12/2015	Sample Received Date	07/12/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	MPCB	Reference Method	
No.			Valavli Gaon	Standards		
1.	Particulate Matter (PM10)	μg/m³	44.8	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM2.5)	μg/m³	17.9	60	NAAQS Guidelines	
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	6.8	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	µg/m³	10.8	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH <sub>3</sub> )	μg/m³	43.8	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.297	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signatory

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Sample will be retained till one month from the date of sampling.

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Report No.: - GCI/V/LAB/EM-G0184/15-31/15-16/October 60/9671-

Date: 02/11/201

#### **ANALYSIS REPORT**

(For the Month of October - 2015)

Client Details			Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/ <b>J5</b> /AA1	
	Petrochemical	Corporation Ltd.	Location	Outside Security Gate	
Address	Address Piot K1,MIDC Industrial Area, P.O Taloja, A.V, 410208 Dist. Raigad,		Date of Sampling	26/10/2015	
			Sampling Duration	24 hrs	
	Maharashtra, Ir	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Satyawan		Particulate Sampler & Bladder	
Analysis :	Analysis Starts on 29/10/2015		Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On 02/11/2015		02/11/2015	Sample Received Date	29/10/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	MPCB	Reference Method	
No.			Outside Security Gate	Standards		
1.	Particulate Matter (PM10)	μg/m³	64.2	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM2.5)	μg/m³	24.8	60	NAAQS Guidelines	
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	8.5	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	μg/m³	13.9	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH3)	μg/m³	72	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.383	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signator

Analysis is subject to the condition in which the sample is received at our Laboratory.

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CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), INDIA.

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- : ALSO AT : · **NEWDELHI** GOA PUNE **BENGALURU** U.K. **HYDERABAD** KOLKATA DHARWAD MUMBAI PORT BLAIR : OVERSEAS : **AUSTRALIA OMAN** KUWAIT **AFRICA** VIETNAM BANGLADESH **MYANMAR SRILANKA** UAE



Integrated HSEQR Consulting Engineers, Scientists & Trainers (Recognised By Ministry of Environment and Forests, New Deihi Under EPA 1986) (No. Q - 1508 / 32 / 2007 - CPW)

(ISO 9001-2008, 14001:2004, OHSAS 18001:2007 & NABL / ISO / IÉC 17025:2005 Certified Organisation)

Kepon No.: - GCI/V/LAB/EM-G0134/15-3P/15-16/October-00/0671

Date: 02/11/2016

### **ANALYSIS REPORT**

(For the Month of October- 2015)

Client De	tails		Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/J5/AA2	
	Petrochemical:	s Corporation Ltd.	Location	Outside ANP Material gate	
Address	Plot K1,MIDC In	ndustrial Area, P.O	Date of Sampling	26/10/2015	
	Taloja, A.V, 410	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, Ir	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
\$ampling	Done By	Mr. Satyawan	·	Particulate Sampler & Bladder	
Analysis :	Analysis Starts on 29/10		Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On		02/11/2015	Sample Received Date	29/10/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr. No.	Parameters	Unit	Results Outside ANP Material Gate	MPCB Standards	Reference Method	
1.	Particulate Matter (PM10)	µg/m³	61.3	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM2.5)	µg/m³	25.3	60	NAAQS Guidelines	
3.	Sulfur Dioxide (SO <sub>2</sub> )	µg/m³	8.9	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	µg/m³	14.5	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH <sub>3</sub> )	µg/m³	96	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.411	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Poliution control Board.

**Authorized Signatory** 

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), INDIA.

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: ALSO AT:

NEWDELHI GOA PUNE BENGALURU U.K. HYDERABAD KOLKATA DHARWAD MUMBAI PORT BLAIR

AUSTRALIA OMAN KUWAIT AFRICA VIETNAM

VIETNAM BANGLADESH

MYANMAR

SRILANKA

UAE



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(ISO 9001-2008, 14001:2004, OHSAS 18001:2007 & NABL / ISO / IÉC 17025:2005 Certified Organisation)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/October-00/0671

<del>Dale: 02/11/2015</del>

### **ANALYSIS REPORT**

(For the Month of October- 2015)

Client Details			Sample Details		
Name	M/s. Deepak Fertilizers &		Sample Code	GCI/V/15/J5/AA3	
	Petrochemical	s Corporation Ltd.	Location	Outside IPA Material gate	
Address	Plot K1,MIDC Ir	ndustrial Area, P.O	Date of Sampling	27/10/2015	
Addiess	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, li	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Satyawan		Particulate Sampler & Bladder	
		29/10/2015	Sampling Method	IS 5182 : Part 5 : 1975	
		02/11/2015	Sample Received Date	29/10/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	МРСВ	Reference Method	
No.			Outside IPA Material Gate	Standards		
1.	Particulate Matter (PM10)	µg/m³	76.8	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM2.5)	µg/m³	31.2	60	NAAQS Guidelines	
3.	Sulfur Dioxide (SO <sub>2</sub> )	µg/m³	13.2	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	μg/m³	20.3	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH <sub>3</sub> )	μg/m³	119	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.521	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within Emit as per Maharashtra Pollution control Board.

**Authorized Signatory** 

- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till one month from the date of sampling.

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NEWDELHI	GOA	PUNE	BENGALURU	U.K.	: ALSO AT: — HYDERABAD	KOLKATA	DHARWAD	MUMBAI	PORT BLAIR



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(ISO 9001-2008, 14001:2004, OHSAS 18001:2007 & NABL / ISO / IEC 17025:2005 Certified Organisation)

Report No.: - GCI/V/LAB/EM-G0134/15-3P/15-16/October-00/0671-

#### ANALYSIS REPORT

(For the Month of October- 2015)

Client Details			Sample Details	
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/J5/AA4
	Petrochemicals Corporation Ltd.		Location	Valavli Gaon
Address	ddress Plot K1, MIDC Industrial Area, P.O Taloja, A.V, 410208 Dist. Raigad,		Date of Sampling	27/10/2015
			Sampling Duration	24 hrs
	Maharashtra, Ir	ndia	Sampling Instrument	Respirable Dust Sampler, Fine
Sampling	Done By	Mr. Satyawan		Particulate Sampler & Bladder
Analysis Starts on 29/10/2015		Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On 02/11/2015		Sample Received Date	29/10/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

\$r.	Parameters	Unit	Results	MPCB	Reference Method
No.			Valavli Gaon	Standards	
1.	Particulate Matter (PM10)	μg/m³	45.6	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM2.5)	μg/m³	18.5	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m <sup>3</sup>	6.1	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	μg/m³	10.0	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	μg/m³	42.3	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.301	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

**Authorized Signatory** 

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as an evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

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- : ALSO AT : **NEWDELHI** GOA **PUNE BENGALURU** U.K.

**HYDERABAD KOLKATA** DHARWAD MUMBAI **PORT BLAIR** 

: OVERSEAS :

**AUSTRALIA** OMAN **KUWAIT AFRICA** VIETNAM BANGLADESH MYANMAR SRILANKA UAE



# GREEN CIRCLE, INC. (20-10-15)

Integrated HSEQR Consulting Engineers, Scientists & Trainers (Recognised By Ministry of Environment and Forests, New Delhi Under EPA 1986) (No. Q - 1508 / 32 / 2007 - CPW)

(ISO 9001-2008, 14001:2004, OHSAS 18001:2007 & NABL / ISO / IEC 17025:2005 Certified Organisation)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/September-00/0606

Date: 05/10/2015

#### ANALYSIS REPORT

(For the Month of September - 2015)

Client Details			Sample Details	
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/I5/AA1
	Petrochemical	s Corporation Ltd.	Location	Outside Security Gate
Address	Plot K1,MIDC In	ndustrial Area, P.O	Date of Sampling	29/09/2015
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs
	Maharashtra, I	ndia_	Sampling Instrument	Respirable Dust Sampler, Fine
Sampling	Done By	Mr. Piyush		Particulate Sampler & Bladder
Analysis Starts on 01/10/2015		Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On 05/10/2015		Sample Received Date	01/10/2015.	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	MPCB	Reference Method
No.			Outside Security  Gate	Standards	
1.	Particulate Matter (PM10)	μg/m³	63.9	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	24.2	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	µg/m³	8.1	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	µg/m³	13.6	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	μg/m³	71	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.372	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control 80ard.

**Authorized Signatory** 

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

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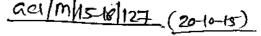
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**NEW DELH! GOA** PUNE BENGALURU U. K. HYDERABAD KOLKATA DHARWAD

: ALSO AT : -

:OVERSEAS:

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/September-00/0606

Date: 05/10/2015

#### ANALYSIS REPORT

(For the Month of September- 2015)

Client Details			Sample Details	
Name	M/s. Deepak Fertilizers & Petrochemicals Corporation Ltd.		Sample Code	GCI/V/15/I5/AA2
			Location	Outside ANP Material gate
Address	Address Plot K1,MIDC Industrial Area, P.O		Date of Sampling	29/09/2015
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs
	Maharashtra, Ir	ndia ·	Sampling Instrument	Respirable Dust Sampler, Fine
Sampling	Done By	Mr. Piyush		Particulate Sampler & Bladder
Analysis Starts on 01/10/2015		01/10/2015	Sampling Method	IS 5182 : Part 5 : 1975
Analysis Completion On 05/10/2015		Sample Received Date	01/10/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results Outside ANP	МРСВ	Reference Method
No.			Material Gate	Standards	
1.	Particulate Matter (PM10)	µg/m³	65.6	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	26.9	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	9.9	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	μg/m³	15.2	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	μg/m³	101	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.423	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Poliution control Board.

Authorized Signatory

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained fill one month from the date of sampling.

CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, VADODARA - 390 021 (Gujarat), INDIA. Tel.: +91 - 265 - 2371269 Cell: +91 93285 83835 E-mail: info@greencircleinc.com Website: www.greencircleinc.com R&D

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: ALSO AT: **NEW DELHI** GOA PUNE BENGALURU U.K. HYDERABAD KOLKATA DHARWAD

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(ISO 9001-2008, 14001:2004, OHSAS 18001:2007 & NABL / ISO / IEC 17025:2005 Certified Organisation)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/September-00/0606

Date: 05/10/2015

#### **ANALYSIS REPORT**

(For the Month of September- 2015)

Client Details			Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/I5/AA3	
	Petrochemical	s Corporation Ltd.	Location	Outside IPA Material gate	
Address   Plot K1,MIDC Industrial Are		ndustrial Area, P.O	Date of Sampling	30/09/2015	
	Taloja, A.V, 410208 Dist. Raigad,		Sampling Duration	24 hrs	
_	Maharashtra, II	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Piyush	]	Particulate Sampler & Bladder	
Analysis Starts on 01/10/2015		Sampling Method	IS 5182 : Part 5 : 1975		
Analysis Completion On 05/10/2015		Sample Received Date	01/10/2015		

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Unit Results		Reference Method
No.			Outside IPA Material Gate	Standards	15
1.	Particulate Matter (PM10)	µg/m³	75.6	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	30.8	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	12.9	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	μg/m³	19.8	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	μg/m³	112	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.512	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Poliution control Board.

Authorized Signatory

- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till one month from the date of sampling.

CORP. OFFICE 4: Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, VADODARA - 390 021 (Gujarat), INDIA.

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NEW DELHI GOA PUNE BENGALURU U.K. HYDERABAD KOLKATA DHARWAD

: ALSO AT :

: OVERSEAS :

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(ISO 9001-2008, 14001:2004, OHSAS 18001:2007 & NABL / ISO / IEC 17025:2005 Certified Organisation)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/September-00/0606

Date: 05/10/2015

#### **ANALYSIS REPORT**

(For the Month of September- 2015)

Client Details			Sample Details	
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/I5/AA4
	Petrochemical	s Corporation Ltd.	Location	Valavli Gaon
Address	Address Plot K1, MIDC Industrial Area, P.O		Date of Sampling	30/09/2015
	Taloja, A.V, 410	0208 Dist. Raigad,	Sampling Duration	24 hrs
	Maharashtra, Ir	ndia	Sampling Instrument	Respirable Dust Sampler, Fine
Sampling	Done By	Mr. Piyush		Particulate Sampler & Bladder
Analysis :	Analysis Starts on 01/10/2015		Sampling Method	IS 5182 : Part 5 : 1975
Analysis Completion On 05/10/2015		Sample Received Date	01/10/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	мрсв	Reference Method
No.			Valavli Gaon	Standards	
١.	Particulate Matter (PM10)	µg/m³	48.3	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m³	19.8	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	6.9	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	µg/m³	10.6	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	μg/m³	43.8	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.329	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signatory

- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports cannot be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till one month from the date of samplina.

CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, VADODARA - 390 021 (Gujarat), INDIA.

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NEW DELHI GOA PUNE BENGALURU U.K. HYDERABAD KOLKATA DHARWAD

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(ISO 9001:2008, 14001:2004, OHSAS 18001:2007 & NABL/ISO/IEC 17025 : 2005 Certified Organisation)

Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/August-00/0491

Date: 04/09/2015

### **ANALYSIS REPORT**

(For the Month of August - 2015)

Client Details			Sample Details	
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/H5/AA1
	Petrochemicals Corporation Ltd.		Location	Outside Security Gate
Address	Plot K1,MIDC Industrial Area, P.O Taloja, A.V, 410208 Dist. Raigad, Maharashtra, India		Date of Sampling	25/08/2015
			Sampling Duration	24 hrs
			Sampling Instrument	Respirable Dust Sampler, Fine
Sampling	Done By	Mr. Kartik		Particulate Sampler & Bladder
Analysis Starts on 28/08/2015		Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On 31/08/2015		Sample Received Date	28/08/2015	

### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr. No.	Parameters	Unit	Results Outside Security Gate	MPCB Standards	Reference Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m³	66.3	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM2.5)	µg/m³	26.5	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	µg/m³	8.7	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	μg/m³	14.2	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	μg/m³	78	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.385	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signatory

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

CORP. OFFICE &: Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, VADODARA-390 021 (Gujarat), INDIA.

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/August-00/0491

Date: 04/09/2015

### **ANALYSIS REPORT**

(For the Month of August- 2015)

Client De	tails		Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/H5/AA2	
	Petrochemicals Corporation Ltd.		Location	Outside ANP Material gate	
Address	Address Plot K1, MIDC Industrial Area, P.O		Date of Sampling	25/08/2015	
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, ii	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Kartik		Particulate Sampler & Bladder	
Analysis Starts on 28/08/2015		Sampling Method	IS 5182 : Part 5 : 1975		
Analysis (	Completion On	31/08/2015	Sample Received Date	28/08/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	MPCB	Reference Method
No.			Outside ANP Material Gate	Standards	
1.	Particulate Matter (PM10)	μg/m³	63.4	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	25.4	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	9.0	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	μg/m³	14.4	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	µg/m³	98	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.415	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Poliution control Board.

Authorized Signatory

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/August-00/0491

Date: 04/09/2015

### **ANALYSIS REPORT**

(For the Month of August- 2015)

Client Details			Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/H5/AA3	
	Petrochemical	s Corporation Ltd.	Location	Outside IPA Material gate	
Address	Plot K1,MIDC In	ndustrial Area, P.O	Date of Sampling	26/08/2015	
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, li	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Kartik		Particulate Sampler & Bladder	
Analysis Starts on 28/08/2015		Sampling Method	IS 5182 : Part 5 : 1975		
Analysis Completion On 31/08/2015		Sample Received Date	28/08/2015		

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters Unit Results		Results	МРСВ	Reference Method	
No.			Outside IPA Material Gate	Standards		
1.	Particulate Matter (PM:0)	μg/m³	73.2	. 100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM2.5)	μg/m³	29.3	60	NAAQS Guidelines	
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	11.8	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	μg/m³	18.9	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH3)	μg/m³	110	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.500	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signatory

UAE BANGLADESH MYANMAR SRILANKA

Analysis is subject to the condition in which the sample is received at our Laboratory.

**KUWAIT AFRICA VIETNAM** 

Reports cannot be used as an evidence anywhere including judiclary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

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Report No.: - GCI/V/LAB/EM-G0134/15-\$P/15-16/August-00/0491

Date: 04/09/2015

### ANALYSIS REPORT

(For the Month of August- 2015)

Client De	talls		Sample Details		
Name	M/s. Deepo	ık Fertilizers &	Sample Code	GCI/V/15/H5/AA4	
	Petrochemical	s Corporation Ltd.	Location	Valavli Gaon	
Address	Plot K1,MIDC II	ndustrial Area, P.O	Date of Sampling	26/08/2015	
	Taloja, A.V, 41	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, I	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Kartik		Particulate Sampler & Bladder	
Analysis Starts on 28/08/2015		Sampling Method	IS 5182 : Part 5 : 1975		
Analysis Completion On 31/08/2015		Sample Received Date	28/08/2015		

### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	МРСВ	Reference Method
No.			Valavli Gaon	Standards	
1	Particulate Matter (PM <sub>10</sub> )	μg/m³	45.4	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	18.2	- 60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	6.0	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	µg/m³	10.1	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	µg/m³	43.2	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.320	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signatory

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as an evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, VADODARA-390 021 (Gujarat), INDIA.

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/July-00/0423

Date: 08/08/2015

### **ANALYSIS REPORT**

(For the Month of July - 2015)

Client De	tails		Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/H1/AA1	
	Petrochemical	s Corporation Ltd.	Location	Outside Security Gate	
Address	Plot K1,MIDC In	ndustrial Area, P.O	Date of Sampling	30/07/2015	
	Taloja, A.V. 410	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, Ir	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Kartik		Particulate Sampler & Bladder	
Analysis Starts on 01/08/2015		Sampling Method	IS 5182 : Part 5 : 1975		
Analysis Completion On 03/08/2015		Sample Received Date	01/08/2015		

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	MPCB	Reference Method
No.			Outside Security	Standards	
			Gate		
1.	Particulate Matter (PM10)	µg/m³	68.2	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	27.3	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	9.0	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	μg/m³	15.2	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH <sub>3</sub> )	μg/m³	82	400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.401	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Stanatory

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Sample will be retained till one month from the date of sampling.

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/July-00/0423

### Date: 08/08/2015

### **ANALYSIS REPORT**

(For the Month of July- 2015)

Client De	tails		Sample Details		
Name	M/s. Deepa	k Fertilizers &	Sample Code	GCI/V/15/H1/AA2	
	Petrochemical	s Corporation Ltd.	Location	Outside ANP Material gate	
Address	Plot K1,MIDC In	ndustrial Area, P.O	Date of Sampling	30/07/2015	
	Taloja, A.V, 410	0208 Dist. Raigad,	Sampling Duration	24 hrs	
	Maharashtra, Ir	ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling	Done By	Mr. Kartik		Particulate Sampler & Bladder	
Analysis :	Analysis Starts on 01/08/2015		Sampling Method	IS 5182 : Part 5 : 1975	
Analysis (	Analysis Completion On 03/08/2015		Sample Received Date	01/08/2015	

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	МРСВ	Reference Method
No.			Outside ANP Material Gate	Standards	
1.	Particulate Matter (PM10)	μg/m³	65.2	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM2.5)	µg/m³	26.0	60	NAAQS Guidelines
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	9.3	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NOx)	μg/m³	16.2	80	IS 5182 : Part 6 : 2006
5.	Ammonia (NH3)	μg/m³	102	`400	NAAQS Guidelines
6.	Carbon Monoxide (CO)	mg/Nm³	0.425	2.0	IS 5182 : Part 10 : 1999

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signatory

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- Sample will be retained till one month from the date of sampling.

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/July-00/0423

Date: 08/08/2015

### **ANALYSIS REPORT**

(For the Month of July- 2015)

Client Details			Sample Details		
Name M/s. Deepak		k Fertilizers &	Sample Code	GCI/V/15/H1/AA3	
Petrochemicals Corporation Ltd.			Location	Outside IPA Material gate	
Address	Address Plot K1, MIDC Industrial Area, P.O Taloja, A.V, 410208 Dist. Raigad,		Date of Sampling	31/07/2015	
			Sampling Duration	24 hrs	
Maharashtra, India		ndia	Sampling Instrument	Respirable Dust Sampler, Fine	
Sampling Done By Mr.		Mr. Kartik		Particulate Sampler & Bladder	
Analysis Starts on 01/08/20		01/08/2015	Sampling Method	IS 5182 : Part 5 : 1975	
Analysis Completion On 03/08/2015		Sample Received Date	01/08/2015		

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	МРСВ	Reference Method	
No.			Outside IPA Material Gate	Standards		
1.	Particulate Matter (PM10)	µg/m³	76.5	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM2.5)	μg/m³	32.4	60	NAAQS Guidelines	
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	12.4	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	μg/m³	25.4	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH3)	µg/m³	117	400	NAAQS Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.509	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Pollution control Board.

**Authorized Signatory** 

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Sample will be retained till one month from the date of sampling.

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(GCI/M/15-16/107)



# GREEN CIRCLE, INC.

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Report No.: - GCI/V/LAB/EM-G0134/15-SP/15-16/July-00/0423

Date: 08/08/2015

### **ANALYSIS REPORT**

(For the Month of July- 2015)

Client Details			Sample Details			
Name	M/s. Deepal	Fertilizers &	Sample Code	GCI/V/15/H1/AA4		
	Petrochemicals	Corporation Ltd.	Location	Valavli Gaon		
Address	Plot K1,MIDC In	dustrial Area, P.O	Date of Sampling	31/07/2015		
	Taloja, A.V, 410	0208 Dist. Raigad,	Sampling Duration	24 hrs		
	Maharashtra, Ir	ndia	Sampling Instrument	Respirable Dust Sampler, Fine		
Sampling Done By Mr. Kartik		Mr. Kartik		Particulate Sampler & Bladder		
Analysis Starts on 01/08/2015		Sampling Method	IS 5182 : Part 5 : 1975			
Analysis Completion On 03/08/2015			Sample Received Date	01/08/2015		

#### **AMBIENT AIR QUALITY MONITORING RESULTS**

Sr.	Parameters	Unit	Results	МРСВ	Reference Method	
No.			Valavli Gaon	Standards		
1,	Particulate Matter (PM10)	μg/m³	48.3	100	IS 5182 : Part 23 : 2006	
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	19.2	60	NAAQS Guidelines	
3.	Sulfur Dioxide (SO <sub>2</sub> )	μg/m³	6.3	80	IS 5182 : Part 2 : 2001	
4.	Oxides of Nitrogen (NOx)	μg/m³	12.9	80	IS 5182 : Part 6 : 2006	
5.	Ammonia (NH <sub>3</sub> )	µg/m³	45.1	400	NAAQ\$ Guidelines	
6.	Carbon Monoxide (CO)	mg/Nm³	0.329	2.0	IS 5182 : Part 10 : 1999	

Observation: Results are within limit as per Maharashtra Pollution control Board.

Authorized Signatory

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