



# GUJARAT INDUSTRIES POWER COMPANY LTD.

RPAD

SLPP/Mangrol Mines/Environment Return/ 934

25 January 2011

To,

**The Joint Director**

Additional Director (S)

Ministry of Environment & Forest

Regional office, Western Region,

Kendriya Paryavaran Bhavan,

E-5, Ravishankar Nagar,

**Bhopal – 462016, (MP)**

Sub :-	Report of monitoring the implementation of environmental safeguards in data sheet, Part – I in respect of Mangrol Lignite Mines for the period from May 2010 to October 2010.
Ref :-	1. Environmental Clearance accorded vide letter no J-11015/38/99-IA. II (M) dated 21 <sup>st</sup> July 2003

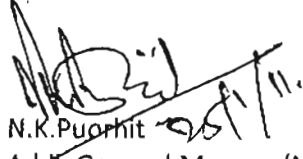
Dear Sir,

Please find enclosed the report, in data sheet Part – I, of monitoring of the implementation of environmental safeguards in respect of Mangrol Lignite Opencast Mines, of M/s Gujarat Industries Power Company Limited for the period from May 2010 to October 2010.

Thanking you,

Yours faithfully

For Gujarat Industries Power Co. Ltd.

  
N.K. Puorhit  
Addl. General Manger (Mines)  
Surat Lignite Power Plant,  
P.O. Nani Naroli, Taluka- Mangrol.  
Dist-Surat, 394110

Encl :- 1. Data Sheet Part – I.  
2. Environmental Monitoring Report for period of May 2010 to October 2010.

CC :- **Regional Officer, Surat**  
Gujarat Pollution Control Board,  
338, Belgium square, Opp. Linear Bus Stand, Surat.

**Registered Office & Vadodara Plant :**

P.O. Petrochemical, Dist.- Vadodara 391 346 Gujarat - INDIA

**Phone :** EPABX (0265) 2232768/2213/0159, **Fax :** 2231207

**E-mail :** genboroda@gipcl.com



"An IMS Company"

Website : www.gipcl.com

**Surat Lignite Power Plant :**

**Village :** Nani Naroli, To. Mangrol, Dist. : Surat 394 110. Gujarat-INDIA

**Phone :** EPABX (02629) 261063 to 261072, **Fax :** 261073/74

**E-mail :** genslpp@gipcl.com

ANNEXURE – IV  
 MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS  
 MINISTRY OF ENVIRONMENT AND FOREST  
 REGIONAL OFFICE (W), BHOPAL  
 MONITORING REPORT  
 PART – I  
 DATA SHEET

No.		
1	Project type: River/valley/Mining/Industry/thermal/ nuclear/other /specify	: Mining
2	Name of the project	: Mangrol Lignite Mine
3	Clearance letter (s) OM no. and date	: Environmental Clearance accorded vide letter no J-11015/38/99-IA. II (M) dated 21 <sup>st</sup> July 2003
4	a) District	: Surat
	b) State	: Gujarat
	c) Latitude/Longitude	: Latitude- 21° 25' to 21° 31" north Longitude: 73° 06' to 73° 09 East.
5	Address for correspondence	
	a) Address of concerned Project Chief with pin code and Telephone/Telex/Fax No.	: Sri N.K.Purohit Addl. General Manger (Mines) Surat Lignite Power Plant Village: Nani Naroli, Tal: Mangrol, Dist.: Surat – 394 110 Phone: (Office) 02629-261087 Fax: 02629-261087
	b) Address of concerned Engineer with pin code and telephone/Telex/Fax No.	: Shri P.Pandey Manager (Mines) Surat Lignite Power Plant Village: Shah , Taluka: Mangrol, Dist.: Surat – 394. Phone –(M) 9909925322 Fax: 02629-220277
6	Salient Features	
	a) of the project	: This mining project is linked to Surat Lignite Power Plant under the same management to supply lignite as fuel for captive 4 X 125 MW Power Plant.
	b) of Environmental Management Plan	: Plantation on 11.00 Hectares of mining area comprising of 16410.00 trees have been completed till date.
	c) of Environmental Management Plan	: Environmental monitoring for SPM, NOx, SOx, CO emission are being carried out as per the condition of Environmental Clearance vide letter no. O. /M letter F.No. J-11015/38/99-IA. II (M) dated 21 <sup>st</sup> July 2003
7	Break up of the project area	: There is no forest land in and around of this project.
	a) Submergence area: Forest & Non forest	
	b) Others	
8	Break up of project affected population with enumeration of those losing houses/dwelling units only, agriculture land only, both dwelling unit and agricultural land.	: The most of the mining lease land was previously used for agricultural purpose. There were no dwelling units/ houses existing in such area.
	a) Scheduled Cast	:
	b) Scheduled Tribe	:
	c) Others	:
	Please indicate whether these figures are	

ANNEXURE - I

PLANTATION ACTIVITY FROM MAY 2010 TO OCTOBER - 2010

S. No.	Year	Code	Location	Area (Ha)	No. of trees
<b>Peripheral Green belt development</b>					
1	2010	GBD-A	Both side of Shah Alternative Road	4.00	8567
2	2010	GBD-B	Lignite Transport Road	4.00	5518
3	2010	GBD-C	Out Plant Stock Yard	3.00	2325
<b>Total (A+B+C)</b>				<b>11.00</b>	<b>16410</b>



N.K. Purohit

Addl. General Manger (Mines)

N. K. Purohit

Addl. General Manager (Mines)

Gujarat Industries Power Company Limited


At & Po Nani Narol, Tal Mangrol,

Dist Surat - 394110 (Gujarat)

**ANNEXURE – II**

**Sub: Expenditure made towards Environmental activities item wise & year wise break-up.**  
(All figures are in Rs.)

Year → Item ↓	Particulars of the activities	2010
Development and Maintenance & protection of Greenbelt	Development, Maintenance & protection of Greenbelt. (Both side of Shah Alternative, Road & Lignite Transport Road & Out Plant Stock Yard )	487711.00
Dump Maintenance	Maintenance & protection of Dump plantation	NIL
Preparation of settling pond	Silting pond for settlement of suspended solids from the discharge mine water, being pumped out during the monsoon season.	760000.00
Monitoring of Environmental parameter	Monitoring of Environmental parameters viz. Air quality (SPM, Sox, Nox, CO), Water quality (Physical, Chemical & Biological tests), Noise survey & Dust fall measurement in villages peripheral to the mining lease area & Micro meteorological monitoring of the season/quarter.	28000.00
Dust suppression measures in mines.	Round the clock water spraying and road grading prevents formation & emission of dust.	4050000.00
Remote sensing Imageries of the region.	Three year stage remote sensing to monitor the changes in the land use pattern and related impacts due to mining.	NIL
Total....		5325711.00
Cumulative Total (From MAY to OCT 2010)		5325711.00

  
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Addl. General Manger (Mines)  
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