



GUJARAT INDUSTRIES POWER COMPANY LTD.

RPAD

SLPP/Mangrol Mines/ Half yearly Environment Return/ 3167
To,

4th August 2011

The Joint Director
Additional Director (S)
Ministry of Environment & Forest
Regional office, Western Region,
Kendriya Paryavaran Bhavan,
E-5, Ravishankar Nagar,
Bhopal – 462016, (MP)

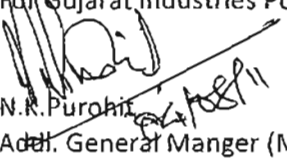
Sub :- Half yearly report of monitoring & implementation of environmental safeguards (in data sheet, Part – I) in respect of Mangrol Lignite Mines for the period from Nov 2010 to April 2011.
Ref :- 1. Environmental Clearance accorded vide letter no J-11015/38/99-IA. II (M) dated 21st July 2003

Dear Sir,

Please find enclosed herewith the Half yearly Environmental Monitoring report and Implementation of Environmental safeguards (in data sheet Part – I) in respect of Mangrol Lignite Mines, of M/s Gujarat Industries Power Company Limited, for the period from Nov 2010 to April 2011.

Thanking you,

Yours faithfully
For Gujarat Industries Power Co. Ltd.


N.R. Purohit
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 Nov 2010 to April 2011.

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 : genbaroda@gipcl.com



Website: www.gipcl.com

Surat Lignite Power Plant :

Village : Nani Naroli, Ta. 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.	Particulars	Status
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-I 1015/38/99-IA. II (M) dated 21 st 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 Chief 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 2 X 125 MW Power Plant and later on 2x250 +20% MW upcoming Power plant.
	b) of Environmental Management Plan	: We have proposed for 23.20 ha area for plantation during the FY – 2011-12 Plantation on 11.00 Hectares of mining area comprising of 16410.00 trees have been completed in the FY-10- 11 and we have prepared plantation in 23 ha in the FY 2011-12.
	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-I 1015/38/99-IA. II (M) dated 21 st July 2003
7	Break up of the project area a) Submergence area: Forest & Non forest b) Others	: There is no forest land in and around of this project.
8	Break up of project affected population with enumeration of those losing houses/dwelling	: Most of the mining lease land was previously used for agricultural purpose. There were no dwelling units/



	<p>unit and agricultural land.</p> <p>a) Scheduled Cast b) Scheduled Tribe c) Others</p> <p>Please indicate whether these figures are based on any systematic survey carried out or only provisional figures. If any survey is carried out give details and year of survey.</p>	<p>houses existing in present working area.</p>
9	<p>Financial Details</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year of price reference.</p> <p>b) Allocation made of environmental Management Plan with item wise & year wise break up.</p> <p>c) Benefit cost ratio/internal rate of return and the year of assessment.</p> <p>d) Whether (c) includes the cost environment management as shown in the above.</p> <p>e) Actual Expenditure incurred so far on the project.</p> <p>f) Actual expenditure incurred on EMP so far (Up to April 2011).</p>	<p>Project cost is ₹ 325 Cr (Tentative) based on price reference of the year 2009.</p> <p>The details are provided in Annexure – II with this data sheet.</p> <p>The excavated overburden will be backfilled by 6th year of mining operation. As such reclamation process will be started after .Backfilling is done in decoal area. Yes</p> <p>₹ 325.00 Cr</p> <p>₹ 53,25,711.00.</p>
10	<p>Forest Land requirement</p> <p>a) The status of approval for diversion of forestland for non-forestry use.</p> <p>b) The status of compensatory a forestation, if any</p> <p>c) Comments on viability and sustainability of compensatory a forestation program in the light of actual field experience so far.</p>	<p>NA</p> <p>The compensatory programme will be taken up as project will advance.</p> <p>The compensatory programme has been very successful as it has been experienced in our adjacent Vastan Mines .</p>
11	<p>The experience of clear felling in non forest area (Such as submergence area of reservoir, approach road) if any with quantitative information.</p>	<p>-----</p>
12	<p>Status of construction</p> <p>a) Date of commencement (actual or planned)</p> <p>b) Date of completion (Actual/Planned)</p>	<p>22nd May 2010</p> <p>Project is planned for 30 years.</p>
13	<p>Reason for delay if the project is yet to start</p>	<p>-----</p>
14	<p>Dates of site visits</p> <p>a) The dates on which the project was monitored by Regional Office on previous occasion if any,</p> <p>b) Dates of site visit for this monitoring</p>	<p>----</p>
15	<p>The monitoring report may contain the details of all the letters issued so far (vide the letters as mentioned)</p>	<p>Environmental Clearance vide letter no. O. /M letter F.No. J-11015/38/99-IA. II (M) dated 21st July 2003</p>


 N.K. Purohit
 Addl. General Manager (Mines)



ANNEXURE – II

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

Year → Item ↓	Particulars of the activities	2010-11
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.	87450.00
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....		₹ 5385161.00
Cumulative Total (From Nov 2010 to April 2011)		₹ 5385161.00


N.K. Purohit 04/08/11


Add. General Manger (Mines)
Mangrol Lignite Mine



ANNEXURE - I

PLANTATION ACTIVITY FROM 2010 TO April - 2011

Sl. No.	Year	Code	Location	Area (Ha)	No. of trees
1	Peripheral Green Belt Development				
	2010-2011		Both side Of Shah alternative Road, lignite Transport Road, Out Plant Stock yard	11	16410.
Note	All plantation has been done during Monsoon season of 2010 and we have planned for plantation in 23 ha during the Monsoon 2011.				


N.K. Purohit
Addl. General Manger (Mines)
Mangrol Lignite Mine

