



GUJARAT MINERAL DEVELOPMENT CORP. LTD.

(A GOVT. OF GUJARAT ENTERPRISE)

Corporate Identity No. (CIN)-L14100GJ1963SGC001206

Tadkeshwar Lignite Project

(An ISO 9001, 14001 & OHSAS 18001 Certified Unit)

Po : Tadkeshwar, Tal : Mandvi, Dist : Surat, State : Gujarat-394170.

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GMDC/TAD/ ENV/ 1023/2021-22

Date: 23rd Oct'2021

To,
The Director(S)
Ministry of Environment & Forests
Regional Office, Western Division
Kendriya Paryavaran Bhavan, Link Road no: 3, E-5,
Ravishankra Nagar,
Bhopal (MP), Pin: 462016.

Sub: Submission of half-yearly compliance report of environmental clearance for the period from April, 2021 to Sept, 2021 of Tadkeshwar Lignite Mines of M/s G. M. D. C. Ltd.

Ref: MoEFEC Letter no: I-11015/144/08-IA.II (M) dated. 27.08.2010.

Dear Sir,

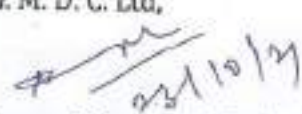
With reference to the above subject, please find enclosed herewith the half-yearly compliance report of Gujarat Mineral Development Corporation Limited. Lignite Project Tadkeshwar for the period of April, 2021 to Sept, 2021.

This is for your kind information, please.

Thanking you,

Yours Faithfully,


For G. M. D. C. Ltd,


I/C General Manager (Project),


Lignite Project, Tadkeshwar.

Encl: As Above.




CC To: General Manager (Environment), Corporate Office, GMDC Ltd., Ahmadabad MoEF File.

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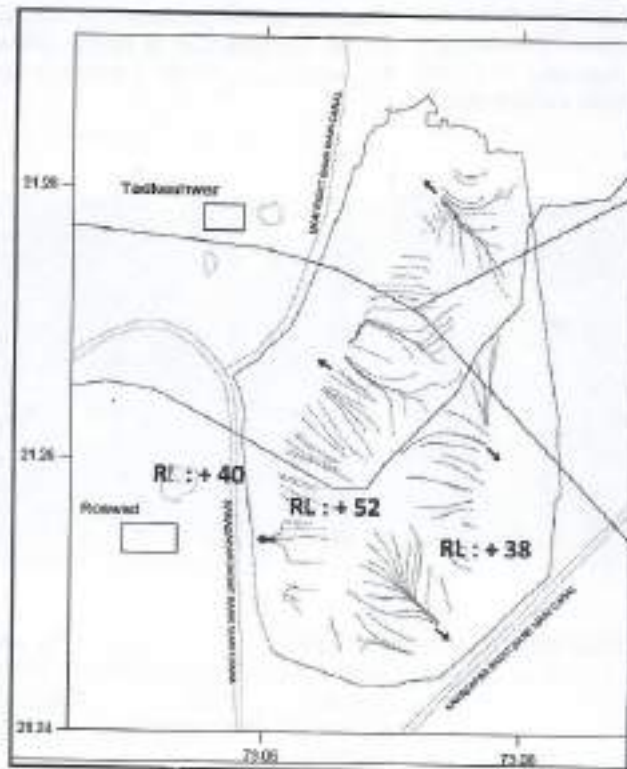
A) Specific conditions:

Sr. no.	Specific Conditions	Compliance Status																																	
I	Top soil shall be stacked properly with proper slope at earmarked site (s) and shall not be kept active and shall be used within a year of its generation for reclamation and development of green belt.	This is being followed During April, 2021 to Sept, 2021, no topsoil had been excavated and no physical reclaimed.																																	
II	OB shall be stacked at earmarked external OB dumpsite within ML area. The ultimate slope of the existing dumps shall not exceed 28°. Monitoring and management of existing reclaimed dumpsites shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional office located at Bhopal on yearly basis.	This is being followed. In the 1 st half of financial year of 2021-22, 62.39 Lacs M³ overburden was excavated from South-western part of the mine pit, of which 62.39 Lacs M³ was used for backfilling up to surface and above surface. 0.87 Hect of area has been backfilled below surface and above surface from April, 2021 to Sept, 2021.																																	
		<table border="1"> <thead> <tr> <th colspan="3">EC DATA for 1st Half Yearly of FY 2021-22</th> </tr> <tr> <th colspan="3">From April-2021 to Sept-2021</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Total Qty. of Top Soil Generated</td> <td>0.00 Lac Cmt</td> </tr> <tr> <td>2</td> <td>Top Soil Layered on Dump</td> <td>0.00 Lac Cmt</td> </tr> <tr> <td>3</td> <td>Top Soil stacked on the surface</td> <td>0.00 Lac Cmt</td> </tr> <tr> <td>4</td> <td>Total Qty of OB generated</td> <td>62.39 Lac Cmt</td> </tr> <tr> <td>5</td> <td>Back Filled Dump Qty.</td> <td>62.39 Lac Cmt</td> </tr> <tr> <td>6</td> <td>External Dump Qty.</td> <td>0.00 Lac Cmt</td> </tr> <tr> <td>7</td> <td>Back Filled area</td> <td>0.87 Hect.</td> </tr> <tr> <td>8</td> <td>Reclaimed area up to GL</td> <td>0.00 Hect.</td> </tr> <tr> <td>9</td> <td>No. of Silt Pond</td> <td>16 nos.</td> </tr> </tbody> </table>	EC DATA for 1st Half Yearly of FY 2021-22			From April-2021 to Sept-2021			1	Total Qty. of Top Soil Generated	0.00 Lac Cmt	2	Top Soil Layered on Dump	0.00 Lac Cmt	3	Top Soil stacked on the surface	0.00 Lac Cmt	4	Total Qty of OB generated	62.39 Lac Cmt	5	Back Filled Dump Qty.	62.39 Lac Cmt	6	External Dump Qty.	0.00 Lac Cmt	7	Back Filled area	0.87 Hect.	8	Reclaimed area up to GL	0.00 Hect.	9	No. of Silt Pond	16 nos.
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Sr. no.	Specific Conditions	Compliance Status
iii	<p>A garland drain all around and encircling the two quarry pits shall be established to drain the water away from working areas. Catch drains and siltation ponds of appropriate sizes shall be constructed to arrest silt and sediment flows from soil, OB and mineral dumps. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. the drains shall be regularly de-silted and maintained properly.</p> <p>Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper setting of silt material.</p>	<p>Complied</p> <p>Catch drain and garland drains with proper size have been created around mine pit and OB dump is keeping safety margin. Depth of garland drain is 1.0 to 2.0 m, length of the drain around pit is 2.5 kms and around outside dump is 5.0 kms and adequate capacity silting pond is also prepared. Moreover, we have 16 silting ponds to arrest the flow of silt along with runoff at different locations near to the dumps. They are cleaned at regular intervals before the onset of monsoon. Water so collected is being utilized for watering the mine area, roads, green belt development etc.</p>
	 <p style="text-align: center;">Garland drain preparation</p>	 <p style="text-align: center;">Siltation pond to arrest erosion</p>
iv	<p>Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run off and siltation shall be based on the rainfall data.</p>	<p>Retaining wall of 450 running meter, at the toe of the external dump situated towards North East corner of South pit, Parallel to Kim-Mandvi State Highway, 65 is constructed to check soil erosion.</p> <p>Moreover, Dump slopes have also been covered using Geo coil mats and are covered with Grass seeding to check excess soil erosion from dump slopes.</p>
	 <p style="text-align: center;">Toe wall construction around dump and Geo coil installation on dump slopes to arrest soil erosion</p>	

Sr. no.	Specific Conditions	Compliance Status
V	A Mine drainage plan with a surface drainage design of the miner resulting from surface run offs and seasonal nallah found within the active mining area and for the mine discharge water based on a peak rainfall data shall be prepared and implemented.	Complied. There is no significant nallah, etc. exists in the ML area. The detailed study has been done by M.G. Science Institute Ahmadabad. The suggestions are already implemented. Water drainage path plan is prepared based on R.L. as attached.



MONTH	RAIN FALL	MONTH	RAIN FALL	MONTH	RAIN FALL	MONTH	RAIN FALL	MONTH	RAIN FALL	MONTH	RAIN FALL
May 21	1786	Jun 21	1086	Jul 21	1805	Aug 21	1886	Sep 21	1886	Oct 21	1886
2020-21	1786	2021-22	1086	2022-23	1805	2023-24	1886	2024-25	1886	2025-26	1886
2026-27	1786	2027-28	1086	2028-29	1805	2029-30	1886	2030-31	1886	2031-32	1886
2032-33	1786	2033-34	1086	2034-35	1805	2035-36	1886	2036-37	1886	2037-38	1886
2038-39	1786	2039-40	1086	2040-41	1805	2041-42	1886	2042-43	1886	2043-44	1886
2044-45	1786	2045-46	1086	2046-47	1805	2047-48	1886	2048-49	1886	2049-50	1886
2050-51	1786	2051-52	1086	2052-53	1805	2053-54	1886	2054-55	1886	2055-56	1886
2056-57	1786	2057-58	1086	2058-59	1805	2059-60	1886	2060-61	1886	2061-62	1886
2062-63	1786	2063-64	1086	2064-65	1805	2065-66	1886	2066-67	1886	2067-68	1886
2068-69	1786	2069-70	1086	2070-71	1805	2071-72	1886	2072-73	1886	2073-74	1886
2074-75	1786	2075-76	1086	2076-77	1805	2077-78	1886	2078-79	1886	2079-80	1886
2080-81	1786	2081-82	1086	2082-83	1805	2083-84	1886	2084-85	1886	2085-86	1886
2086-87	1786	2087-88	1086	2088-89	1805	2089-90	1886	2090-91	1886	2091-92	1886
2092-93	1786	2093-94	1086	2094-95	1805	2095-96	1886	2096-97	1886	2097-98	1886
2098-99	1786	2100-01	1086	2101-02	1805	2102-03	1886	2103-04	1886	2104-05	1886
2105-06	1786	2106-07	1086	2107-08	1805	2108-09	1886	2109-10	1886	2110-11	1886
2111-12	1786	2112-13	1086	2113-14	1805	2114-15	1886	2115-16	1886	2116-17	1886
2117-18	1786	2118-19	1086	2119-20	1805	2120-21	1886	2121-22	1886	2122-23	1886
2123-24	1786	2124-25	1086	2125-26	1805	2126-27	1886	2127-28	1886	2128-29	1886
2129-30	1786	2130-31	1086	2131-32	1805	2132-33	1886	2133-34	1886	2134-35	1886
2135-36	1786	2136-37	1086	2137-38	1805	2138-39	1886	2139-40	1886	2140-41	1886
2141-42	1786	2142-43	1086	2143-44	1805	2144-45	1886	2145-46	1886	2146-47	1886
2147-48	1786	2148-49	1086	2149-50	1805	2150-51	1886	2151-52	1886	2152-53	1886
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2159-60	1786	2160-61	1086	2161-62	1805	2162-63	1886	2163-64	1886	2164-65	1886
2165-66	1786	2166-67	1086	2167-68	1805	2168-69	1886	2169-70	1886	2170-71	1886
2171-72	1786	2172-73	1086	2173-74	1805	2174-75	1886	2175-76	1886	2176-77	1886
2177-78	1786	2178-79	1086	2179-80	1805	2180-81	1886	2181-82	1886	2182-83	1886
2183-84	1786	2184-85	1086	2185-86	1805	2186-87	1886	2187-88	1886	2188-89	1886
2189-90	1786	2190-91	1086	2191-92	1805	2192-93	1886	2193-94	1886	2194-95	1886
2195-96	1786	2196-97	1086	2197-98	1805	2198-99	1886	2199-00	1886	2200-01	1886
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2213-14	1786	2214-15	1086	2215-16	1805	2216-17	1886	2217-18	1886	2218-19	1886
2219-20	1786	2220-21	1086	2221-22	1805	2222-23	1886	2223-24	1886	2224-25	1886
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2231-32	1786	2232-33	1086	2233-34	1805	2234-35	1886	2235-36	1886	2236-37	1886
2237-38	1786	2238-39	1086	2239-40	1805	2240-41	1886	2241-42	1886	2242-43	1886
2243-44	1786	2244-45	1086	2245-46	1805	2246-47	1886	2247-48	1886	2248-49	1886
2249-50	1786	2250-51	1086	2251-52	1805	2252-53	1886	2253-54	1886	2254-55	1886
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2261-62	1786	2262-63	1086	2263-64	1805	2264-65	1886	2265-66	1886	2266-67	1886
2267-68	1786	2268-69	1086	2269-70	1805	2270-71	1886	2271-72	1886	2272-73	1886
2273-74	1786	2274-75	1086	2275-76	1805	2276-77	1886	2277-78	1886	2278-79	1886
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2303-04	1786	2304-05	1086	2305-06	1805	2306-07	1886	2307-08	1886	2308-09	1886
2309-10	1786	2310-11	1086	2311-12	1805	2312-13	1886	2313-14	1886	2314-15	1886
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2351-52	1786	2352-53	1086	2353-54	1805	2354-55	1886	2355-56	1886	2356-57	1886
2357-58	1786	2358-59	1086	2359-60	1805	2360-61	1886	2361-62	1886	2362-63	1886
2363-64	1786	2364-65	1086	2365-66	1805	2366-67	1886	2367-68	1886	2368-69	1886
2369-70	1786	2370-71	1086	2371-72	1805	2372-73	1886	2373-74	1886	2374-75	1886
2375-76	1786	2376-77	1086	2377-78	1805	2378-79	1886	2379-80	1886	2380-81	1886
2381-82	1786	2382-83	1086	2383-84	1805	2384-85	1886	2385-86	1886	2386-87	1886
2387-88	1786	2388-89	1086	2389-90	1805	2390-91	1886	2391-92	1886	2392-93	1886
2393-94	1786	2394-95	1086	2395-96	1805	2396-97	1886	2397-98	1886	2398-99	1886
2399-00	1786	2400-01	1086	2401-02	1805	2402-03	1886	2403-04	1886	2404-05	1886
2405-06	1786	2406-07	1086	2407-08	1805	2408-09	1886	2409-10	1886	2410-11	1886
2411-12	1786	2412-13	1086	2413-14	1805	2414-15	1886	2415-16	1886	2416-17	1886
2417-18	1786	2418-19	1086	2419-20	1805	2420-21	1886	2421-22	1886	2422-23	1886
2423-24	1786	2424-25	1086	2425-26	1805	2426-27	1886	2427-28	1886	2428-29	1886
2429-30	1786	2430-31	1086	2431-32	1805	2432-33	1886	2433-34	1886	2434-35	1886
2435-36	1786	2436-37	1086	2437-38	1805	2438-39	1886	2439-40	1886	2440-41	1886
2441-42	1786	2442-43	1086	2443-44	1805	2444-45	1886	2445-46	1886	2446-47	1886
2447-48	1786	2448-49	1086	2449-50	1805	2450-51	1886	2451-52	1886	2452-53	1886
2453-54	1786	2454-55	1086	2455-56	1805	2456-57	1886	2457-58	1886	2458-59	1886
2459-60	1786	2460-61	1086	2461-62	1805	2462-63	1886	2463-64	1886	2464-65	1886
2465-66	1786	2466-67	1086	2467-68	1805	2468-69	1886	2469-70	1886	2470-71	1886
2471-72	1786	2472-73	1086	2473-74	1805	2474-75	1886	2475-76	1886	2476-77	1886
2477-78	1786	2478-79	1086	2479-80	1805	2480-81	1886	2481-82	1886	2482-83	1886
2483-84	1786	2484-85	1086	2485-86	1805	2486-87	1886	2487-88	1886	2488-89	1886
2489-90	1786	2490-91	1086	2491-92	1805	2492-93	1886	2493-94	1886	2494-95	1886
2495-96	1786	2496-97	1086	2497-98	1805	2498-99	1886	2499-00	1886	2500-01	1886
2501-02	1786</										

		Tube Well No.				
		T-2	GWRDC-E3	A3	RW-II	RW-V
Location	Nr Old ADM	Nr Western periphery old Weight Bridge	Nr Diesel Pump	SSW Corner Nr Vodafone Tower	Behind New Time Office	
(Water table monitoring data in meters bgl)						
Apr-21	48	-	17	25	12	
May-21	45	18	13	28	14	
Jun-21	40	21	15	26	19	
Jul-21	38	18	11	22	16	
Aug-21	32	16	12	24	14	
Sep-21	38	19	14	28	17	
Maximum	48	21	17	28	19	
Minimum	32	16	11	22	12	
Average	40	18.5	14	25	15.5	

<u>Sr. no.</u>	<u>Specific Conditions</u>	<u>Compliance Status</u>
Vii	Water quality parameters such as TDS, sulphates, nitrates etc where high and mine water should be treated to conform to prescribed standards before discharge of use in dust suppression. Green belt development. Records of the water quality of the mine discharge water shall be maintained.	ETP installed for capacity 50 m ³ /hr, is used to treat mine pit water parameter to prescribed standards and treated water is used in Dust suppression and plantation purposes. Records of the water quality of the mine discharge water shall be maintained. Report of mine pit water quality is attached as follows along with min, max and average values.

Tadkeshwar Waste Water Results From April, 2021 to Sept, 2021

Parameter	Results of respective Months(April, 2021 to Sept, 2021)									
	Unit	April	May	June	July	August	Sept.	Min	Max	Average
pH at 25 °C	-	7.21	7.3	7.4	7.3	7.3	7.4	7.2	7.4	7.31
Temperature °C	°C	31.8	38.5	36.8	37	32	28	28	38.5	33.25
Color	CU	23	26	30	30	25	25	23	30	26.50
BOD AT 27 OC:3 DAYS	mg/L	23	25	23	25	29	26	23	29	26
Chemical oxygen demand	mg/L	70	80	70	80	100	80	70	100	85
Total Suspended Solids	mg/L	36	38	40	48	58	56	36	58	47
Total Dissolved Solids	mg/L	1606	1586	1606	1630	1666	1646	1568	1666	1617
Oil & Grease	mg/L	4.6	4	5	6	8	7	4	8	6
Iron	mg/L	0.2	0.3	0.3	0.3	0.4	0.3	0.2	0.4	0.30
Nitrate	mg/L	0.6	0.7	0.8	1.1	1.1	1.3	0.6	1.3	0.95
Ammonical Nitrogen	mg/L	16.2	16.8	18.8	17.9	18.8	17.6	16.2	18.8	17.50
Sulphide	mg/L	BQL(QL=0.2)	BQL(QL=0.2)	BQL(QL=0.2)	BQL(QL=0.2)	BQL(QL=0.2)	BQL(QL=0.2)	BQL(QL=0.2)	BQL(QL=0.2)	BQL(QL=0.2)
Fluoride (F)	mg/L	0.3	0.5	0.54	0.60	0.48	0.40	0.3	0.6	0.45
Hexavalent chromium (Cr+6)	mg/L	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)
Mercury (Hg)	mg/L	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.001)	BQL(QL=0.001)	BQL(QL=0.005)	BQL(QL=0.005)	BQL(QL=0.005)
Cadmium (cd)	mg/L	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)
Lead (Pb)	mg/L	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.02)	BQL(QL=0.02)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)
Copper (Cu)	mg/L	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)
Arsenic (As)	mg/L	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.02)	BQL(QL=0.02)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)
Chromium (Cr)	mg/L	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)
Zinc (Zn)	mg/L	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)
Nickel (Ni)	mg/L	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)
Cyanide*	mg/L	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)
Phenolic Compound as C6H5OH	mg/L	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)	BQL(QL=0.01)
Residual chlorine	mg/L	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)	BQL(QL=0.05)

viii	<p>The Company shall put up artificial groundwater recharge measures such as check dams within and adjoining the lease for augmentation of groundwater resource in case monitoring indicates decline in water table, in consultation with the local communities and with the Wildlife Department of the State Government. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.</p>	<p>Check dams/ponds have been renovated at the cost of Rs. 12 Lakhs in nearby areas which are useful for ground water recharging & Rs. 15.0 Lakhs are also contributed towards government water recharging schemes through Narmada Jalsanchayyojana in this region during past.</p> <p>This is already a working mine and till date no adverse impact is observed in terms of ground water depletion. The study by National Geophysical research institute (NGRI, Hyderabad) shows that water level has risen not only in this locality but also in entire Mandvi Taluka of Surat because of high rainfall. This rise is comparatively low in ML area due to occurrence of poor aquifer conditions and presence of more impervious clayey formation.</p> <p>Moreover, the study also indicates there is rise of water table in the nearby farm areas & it has no connection with the Groundwater pumping from the mines. This is due to the presence of the two canals both the adjacent sides of mines.</p> <p>This locality is covered under government irrigation and drinking water schemes. However, if required the Corporation is committed to meet the water requirement for nearby villages.</p>
ix	<p>No mining shall be carried below 94 m depth bgl; No groundwater shall be used for mining operations. Additional water required, if any, shall be met by recycling/reuse of the water from the existing activities and from rainwater harvesting measures.</p>	<p>Agreed. Mining will not be carried below 94 m depth bgl; No groundwater will be used for mining operations. Water seepage in mines is reused for dust suppression activity inside the mine on haul roads to control dust pollution as showing photograph below.</p>



Continuous water sprinkling system for dust suppression

Sr. no.	Specific Conditions	Compliance Status
X	<p>Water sprinkling system shall be provided to check fugitive emissions, haulage roads, transfer points, etc and fugitive dust emissions shall be kept under control.</p>	<p>Complied.</p> <p>Three movable water sprinklers are deployed for water sprinkling at all vulnerable points to keep fugitive dust emissions under control on regular basis.</p> <p>Fixed sprinkler jets (Rain gun) installed at various areas of Traffic congestion/dusty areas i.e. near Weigh bridge & truck haul road.</p> <p>Moreover, a continuous water sprinkling system is</p>

also installed in the truck road to prevent dust pollution – Month wise quantity of water used for sprinkling & plantation and photographs of water sprinkling activity are shown below.

Statement of Water used in Mines for Dust Suppression & Plantation Etc. (Half Yearly Apr21 to Sept21)

Month	Sprinkling in Mines & Plantation (KL)
Apr20	2780
May20	4700
June20	2380
July20	0
Aug20	0
Sept20	0



Xi

All approach roads, major haul roads and road to village shall be black topped.

Main village road of Tadkeshwar- is already black topped under PWD scheme. Black topped road is passing through the ML area. A 2.5 KM C.C. Road construction work is completed on main haul road which will prevent dusting due to plying of heavy vehicles and the emission from other supporting roads is kept at minimum level by frequent water sprinkling and for preventing the dust spread, avenue plantations minimize the Dust generation as well as noise generation due to vehicles.



C.C.Road used as main haul road

Xii

No drilling and blasting shall be carried out. Controlled blasting shall be carried out only where hard strata are encountered.

This is being followed.

Presently drilling and blasting is not required due to comparatively soft strata.

xiii

Transportation of lignite to Vapi and Ankleshwar being critically polluted areas shall be in trucks of 20 –T capacity or more covered with tarpaulin.

Transport of lignite is under the scope of customers purchasing the lignite. GMDC is in contact with customers for increasing the size of trucks but as huge investment is required by small transporters, therefore they will do it in phased manner.

All trucks carrying lignite are covered with tarpaulin & they are checked before leaving the mine premises.



Covering with Tarpaulin of Loaded Trucks



Loading of consumer trucks directly from lignite face

xiv No stockpile of lignite shall be permitted. The lignite produced from mine face shall be transported immediately. Complied, Consumer trucks are loaded directly from lignite face.



Loading of consumer trucks directly from lignite face

xv ETP shall be provided for workshop and CHP. s shall be treated to conform to prescribed standards, particularly for pH and TDS in case of discharge into any water course outside the lease. This is being followed. Water pH & TDS are monitored regularly to check the quality of mine pit water. To check oil & grease from waste water generated during washing of the machineries, Oil & grease skimmer has been installed of capacity to remove 25 LPH of oil from workshop effluent. Moreover, the installation and commissioning of ETP of 50m³/hr capacity for mine seepage water treatment is completed treated water is reused for dust suppression and Plantation. PhotographsofETPareshownbelow. There is no CHP in thismine.






ETP working at mines site

xvi	<p>A pre mining Socio- economic survey shall be undertaken and impact of CSR assessed every 3 year and furnished as part of the monitoring report. Land oustees if any, shall be compensated as per norms laid out in the National R&R policy 2007.</p>	<p>Corporate Social Responsibility plan was prepared at initial pre-mining stage based on Socio- economic condition of that area& was implemented. CSR assessment report for last three years is under preparation will be submitted along with next compliance report.</p> <p>No R&R involved for human settlements.</p> <p>The compensation for land is paid as per prevailing rate and norms.</p> <p>Most of land oustees' families have their own trucks and deployed the same in GMD for lignite and other material transportation.</p>
xvii	<p>A onetime capital investment of Rs. 10.08 crores under CSR for the six villages indentified for CSR namely - Rosvad, Tcgapur, Ushker, Ramkund, Virpor, and Munjlev and revenue expenditure of Rs. 5/tonne of coal shall be earmarked for CSR. The details of expenditure and various activities shall be drawn up in consultation with the local communities and implemented through VDICs. The socio-economic development of the villages shall be monitored over the life of the project and impact of CSR assessed every 3 years using indices such as the UNDP Human Development Index and furnished as part of the monitoring report and also regularly uploaded on the company website.</p>	<p>A CSR plan is already prepared for these six villages emphasizing on infrastructure development (Road, sanitation), economy (IGP/ME, Market access), social development (Health, education) and capacity building (marketing, technology access and training). The compliance of diverting Rs. 5/ton of lignite for CSR activities will be achieved in phased manner through direct investment and contribution in the Government scheme for the developmental activities to uplift living standard.</p>
		<p>Corporate Social Responsibility plan was prepared at initial pre-mining stage based on Socio- economic condition of that area& was implemented. CSR assessment report for last three years is under preparation will be submitted along with next compliance report.</p> <p>Expense of Rs. 9,02,184/- was done during the last six months compliance period as detailed in table below.</p>

Under CSR activities during April,2021-Sept,2021 has been carried out by Lignite Project Tadkeswar

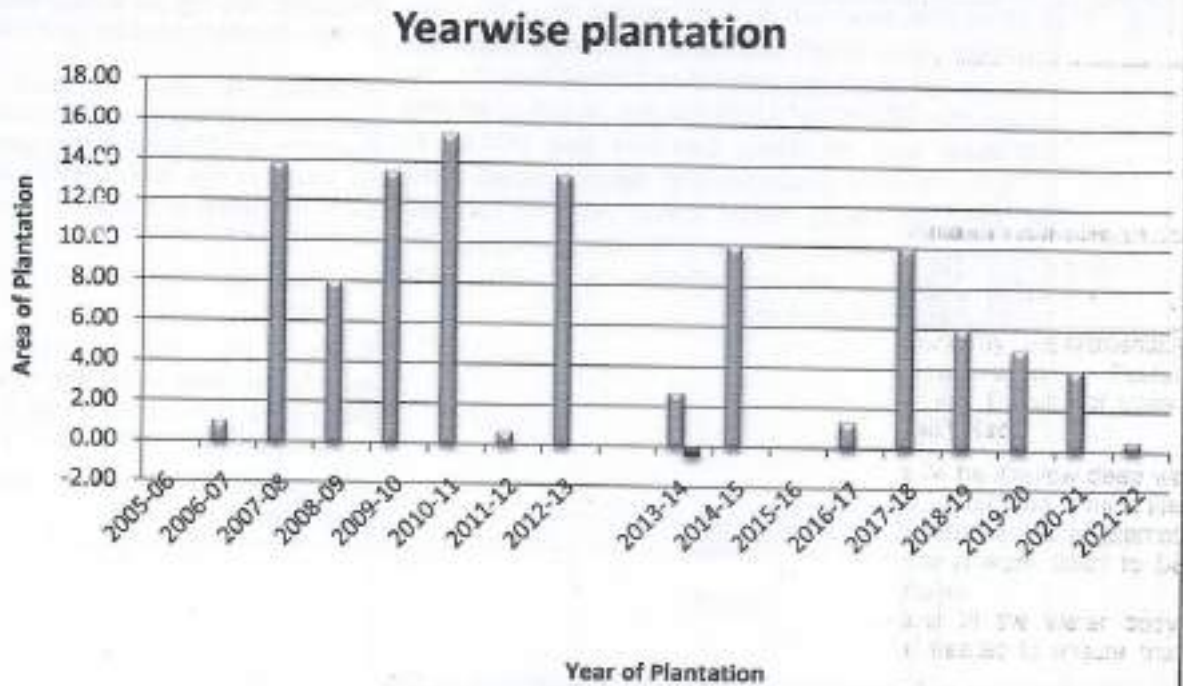
Sr. No.	Details	Amount (Rs.)
1	Education & Sports	1,68,150
2	Infra-structure development	7,34,034
3	Health and Sanitation	0
4	Social Welfare and culture	0
Total		9,02,184

Sr. No	Specific Conditions	Compliance Status
xviii	A 50 m wide green belt shall be created along the lease boundary using native species as peripheral plantation. Area brought under pastureland/ agricultural land shall not be less than 669.19 ha. Which includes reclaimed external OB dump area (97.59ha.), backfilled area (491.60 ha including 73 ha of grassland using native species), along ML boundary, along roads, green belt (80 ha.) and plantation in undisturbed areas (219.2501 ha) by planting native species in consultation with the local DFO/Agriculture Department.	<p>Plantation is a regular activity being carried out in phased manner based on land availability.</p> <p>Plantation is done by local social Forestry department giving priority to native species. Live Plantation in 107.02ha area is completed till date in ML area. In the year 2020-21 plantations in 0.5 Ha Re-plantation in plantation area of FY 2013-14 have been carried out.</p> <p>Grassland development in 45 Hect area is also completed.</p> <p>Further, the tree plantation and pasture development work in the backfilled and overburden dump area is being taken up in phased manner depending on the availability of the land.</p> <p>Photographs of plantation & Gauchar land are shown below.</p>
		
	Plantation on Dump	Plantation on safety zone
		
	Gauchar Developed 45 Hect. area	
Sr. No	Specific Conditions	Compliance Status
Xix	A progressive Closure Plan shall be implemented of quarry area of which 491.16 ha shall be backfilled and afforested by planting native plant species in consultation with the local DFO / Agriculture Department. The density of the trees shall be around 1500 plants per ha. It shall be	<p>Agreed</p> <p>It is planned to backfill 565.6 ha mine pit up to the end of mine life where 491.6 ha will be planted (200 ha trees+ 291.6 ha pasture) in consultation with local Forest Department.</p>

ensured that the balance de-coaled void of 74 ha. Being left as a water body, the upper slopes of which shall be gently sloped and reclaimed with grass and plantation. The quality of the water in the water body shall be regularly monitored and treated to ensure that it is not acidic.

The Plantation was done by departmentally & planting of native varieties such as Peltorum, Neem, Bamboo, Nilgiri, etc. Density of trees are maintained more than 1667 Hect.

It is planned to make a 74 ha shallow deep water body lined with limestone at the end of mine life. Detailed year wise plantation as well as plantation for this half yearly period of April, 2021 to Sept, 2021 is mentioned as follows. The quality of the water in the water body is regularly monitored and treated to ensure that it is not acidic.



Plantation done by Local DFO of social forestry department

Sr.No.	Specific Conditions			Compliance Status	
	Month	Departmental/ Social Forestry	No. of Plants	Species	Area (Hect.)
	April-21 to Sept-21	Nil	Nil	Nil	Nil

YEAR	TOTAL PLANTATION Done		Survival
	AREA (Hect)	PLANT (Nos)	
2004-05	2.25	6000	30
2005-06	0	0	-
2006-07	1	4562	80
2007-08	13.85	34988	95
2008-09	8	9739	95
2009-10	13.49	24600	95
2010-11	15.44	32561	95
2011-12	0.6	9210	85
2012-13	13.41	42435	93
2013-14	2.68-0.5 = 2.18	9265	80
2014-15	10	21440	96
2015-16	0	0	0
2016-17	1.3	2250	80
2017-18	10	17050	100
2018-19	6	10000	100
2019-20	5	8330	100
2020-21	4	6664	100
2021-22	0.5 Re-Plantation of FY 13-14	2500	100
TOTAL	107.02	241594	

xx For monitoring land use pattern and for post mining land use a time series of land use maps based on satellite imagery (on a scale of 1:5000) of the core zone and buffer zone from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series) and the reports submitted to MoEF and its regional office at Bhopal

Complied.
Earlier the land use pattern study carried out by GEER Foundation was submitted along with previous compliance report.
The process of awarding the work for new study is under progress and the report with data will be submitted for your reference and record along with compliance report.

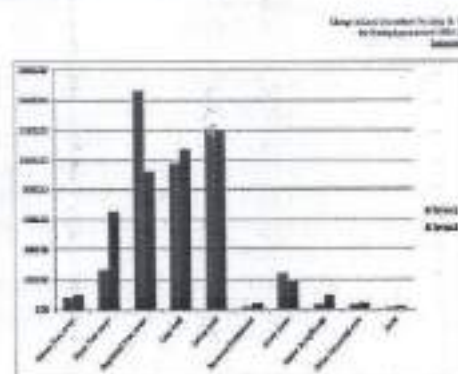


Figure-4 Change in Total Land use from 4 Year 2004 to Year 2021 in the Buffer Area surrounding Subsurface, BHOJ Mining Area

GEER

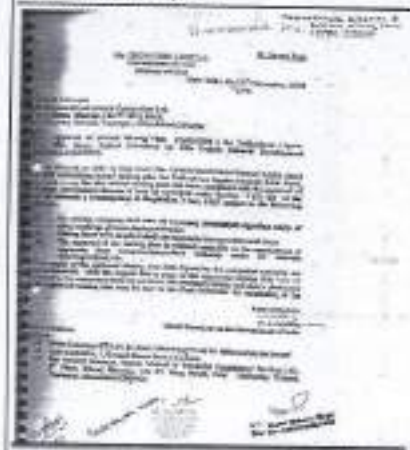
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xxi A final mine Closure Plan along with details of Corpus Complied.
Earlier the land use pattern study carried out by

Found shall be submitted to the Ministry of Environment & Forests for approval 5 years in advance of final mine closure for approval. At the Post mining stage, land should be restored as pastureland/ agricultural land use

GEER Foundation was submitted along with previous compliance report.



The process of awarding the work for new study is under progress and the report with data will be submitted for your reference and record along with compliance report.




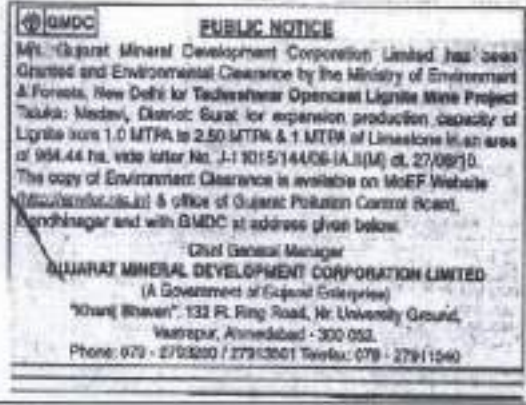
B) General Conditions:

Sr. no.	General Conditions	Compliance Status																
i	No change in technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests.	Agreed with due respect.																
ii	No change in the calendar plan including quantum of mineral coal and waste being produced shall be made.	<p>Compliance under progress.</p> <p>Month wise lignite production details for the Half year April, 2021 to Sept, 2021 are as follows:</p> <table border="1"> <thead> <tr> <th>MONTH</th> <th>PRODUCTION (MT)</th> </tr> </thead> <tbody> <tr> <td>April -21</td> <td>172309.595</td> </tr> <tr> <td>May - 21</td> <td>127874.6</td> </tr> <tr> <td>June - 21</td> <td>110544.715</td> </tr> <tr> <td>July - 21</td> <td>38181.03</td> </tr> <tr> <td>Aug - 21</td> <td>10321.035</td> </tr> <tr> <td>Sept - 21</td> <td>21258.405</td> </tr> <tr> <td>TOTAL</td> <td>480489.38</td> </tr> </tbody> </table>	MONTH	PRODUCTION (MT)	April -21	172309.595	May - 21	127874.6	June - 21	110544.715	July - 21	38181.03	Aug - 21	10321.035	Sept - 21	21258.405	TOTAL	480489.38
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TOTAL	480489.38																	
iii	<p>Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board.</p> <p>Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, in particulates shall be carried out at least once in six months.</p>	<p>This is being followed.</p> <p>Based on the site feature and pollution potential considerations, Ambient air quality monitoring is being done at 5 designated locations: ADM office, North Pit area, Weigh bridge area in South pit, Near Time office, At main gate No. 2.</p> <p>The results From April, 2021 to Sept, 2021 are as follows.</p> <p>Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, in particulates is carried out twice in a year.</p> <p>GMDC ensures that Ambient Air Quality will be maintained under the prescribed limits to protect Environment.</p>																
iv	Data on ambient air quality (PM10, PM2.5, SO2 and NOx, and heavy metals such as Hg, As, Ni, Cd, etc) and other monitoring data shall be regularly submitted to the Ministry including its Regional Office at Bhopal and to the State Pollution Control Board and the Central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognized under the EP Rules, 1986 shall be furnished as part of the compliance report.	<p>Data on ambient air quality (PM10, PM2.5, SO2 and NOx, and heavy metals such as Hg, As, Ni, Cd, etc) and other monitoring data are regularly being submitted to the Ministry including its Regional Office at Bhopal and to the State Pollution Control Board along with half yearly EC Compliance Reports.</p> <p>Monthly environmental monitoring is being carried out through Environmental Laboratory recognized by Gujarat Pollution Control Board & MoEFCC.</p>																

		Air parameters of Half year period April, 2021 to Sept, 2021 along with its station wise Minimum, Maximum and Average values are mentioned as follows.					
		Moreover, all parameters are within Prescribed limits.					
Ambient air parameters along with Min, Max & Average values during the period of April, 2021 to Sept, 2021							
Station 1: ADM Building				Station 2: Gate No.02			
Parameter	Max	Min	Avg.	Parameter	Max	Min	Avg.
PM10 ($\mu\text{g}/\text{M}^3$)	74.5	71.5	73	PM10 ($\mu\text{g}/\text{M}^3$)	67.5	62.2	64.85
PM2.5 ($\mu\text{g}/\text{M}^3$)	33.3	30.8	32.05	PM2.5 ($\mu\text{g}/\text{M}^3$)	28.6	26.7	27.65
SO2 ($\mu\text{g}/\text{M}^3$)	20.7	14.3	17.5	SO2 ($\mu\text{g}/\text{M}^3$)	18.2	12.4	15.3
NO2 ($\mu\text{g}/\text{M}^3$)	25.5	25.5	25.5	NO2 ($\mu\text{g}/\text{M}^3$)	21.6	18.6	20.1
			BQL(QL=0.01)				BQL(QL=0.01)
Carbon Monoxide ($\mu\text{g}/\text{M}^3$)				Carbon Monoxide ($\mu\text{g}/\text{M}^3$)			
Station 3: Time office				Station 4: New Weigh Bridge			
Parameter	Max	Min	Avg.	Parameter	Max	Min	Avg.
PM10 ($\mu\text{g}/\text{M}^3$)	72.1	66.5	69.3	PM10 ($\mu\text{g}/\text{M}^3$)	59.1	55.3	57.2
PM2.5 ($\mu\text{g}/\text{M}^3$)	33.9	29.2	31.55	PM2.5 ($\mu\text{g}/\text{M}^3$)	30.4	25.4	27.9
SO2 ($\mu\text{g}/\text{M}^3$)	19.4	14.3	16.85	SO2 ($\mu\text{g}/\text{M}^3$)	19.4	13.3	16.35
NO2 ($\mu\text{g}/\text{M}^3$)	22.7	17.7	20.2	NO2 ($\mu\text{g}/\text{M}^3$)	27.4	25.5	26.45
			BQL(QL=0.01)				BQL(QL=0.01)
Carbon Monoxide ($\mu\text{g}/\text{M}^3$)				Carbon Monoxide ($\mu\text{g}/\text{M}^3$)			
		Station 5: North pit area					
		Parameter	Max	Min	Avg.		
		PM10 ($\mu\text{g}/\text{M}^3$)	65.8	61.3	63.55		
		PM2.5 ($\mu\text{g}/\text{M}^3$)	27.1	24.6	25.85		
		SO2 ($\mu\text{g}/\text{M}^3$)	17.5	15.8	16.65		
		NO2 ($\mu\text{g}/\text{M}^3$)	25.9	19.5	22.7		
					BQL(QL=0.01)		
		Carbon Monoxide ($\mu\text{g}/\text{M}^3$)					
v	Adequate measures shall be taken for control of noise levels below 85 dB (A) in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs /muffs.			Complied. Preventive measures have been taken to control the noise pollution through maintenance of the Silencers & proper lubrication of machineries etc. Moreover no drilling & blasting is carried out. Employees engaged for mining activity are being provided with personal protective equipments including ear plugs/Muffs. Plantation in the premises further attenuates the propagation of noise generated at source. Monthly noise monitoring is done to ensure the compliance. Noise reports are as follows			

	Location	Max.	Min.	Avg.
	Adm Building	65.4	52.4	58.9
	Near Gate No.02	69.1	48.2	58.85
	Near Time office	65.3	51.6	58.45
	Near Weigh bridge	68.2	34.5	51.35
	North pit area	71.4	46.9	59.15
vi	<p>Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, and treated so as to conform to the standards including for heavy metals before discharge prescribed under GSR 422(E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.</p>  <p>Effluent Treatment Plant</p>	<p>Water quality is maintained under the prescribed limit & is utilized for purpose of sprinkling & watering plantation.</p> <p>For reducing mine seepage and avoiding contamination, advanced water pumping system is used for domestic purpose & plantation.</p> <p>Oil and grease trap is also installed for washing equipments effluents.</p> <p>Summary of analysis of waste water is shown in table below:</p>  <p>Oil and Grease trap Plant</p>		
vii	<p>Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of the mineral shall be covered with tarpaulins and optimally loaded.</p>	<p>This is being strictly followed.</p> <p>No truck are overloaded & all loaded trucks leaving mine premises are properly covered with full body tarpaulin which is checked before the consumer truck leaves the mine premises.</p> <p>Photograph of truck covered with tarpaulin is shown below.</p>		
viii	<p>Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analyzed through a laboratory recognized under EP Rules, 1986.</p>	<p>Agreed.</p> <p>Monitoring of environmental quality parameters is being carried out on monthly basis by MOEFCC & GPCB approved laboratory through establishment of adequate number and type of pollution monitoring and analysis equipments.</p>		
ix	<p>Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.</p> <p>Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed</p>	<p>This is being followed.</p> <p>Adequate numbers of personal protective equipments are given to workers and sensitization and training programmes are conducted periodically.</p> <p>Occupational health surveillance is taken up as per DGMS norms. Periodic health checkup is done for workers every year. No of workers underwent medical checkup last six months. Our project is certified in ISO 9001, 14001 & OHSAS 18001.</p>		
x	<p>A separate environmental management cell with suitable</p>	<p>Complied.</p>		

	on their website and updated at least once every six months so as to bring the same in the public domain. The monitoring data of environmental quality parameters (air, water, noise and soil) and critical pollutants such as PM10, PM 2.5, SO2 and NOx (ambient and stack if any) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mines office and in corporate office and on the company's website.	GMDC website. The Half yearly compliance of the EC conditions is also uploaded on GMDC website. A display board showing the monitoring data of environmental quality parameters is already available at project Entrances and being updated regularly. This data is also available on the company's website along with EC compliance report.
xvi	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective Regional office of the MOEF, the respective Zonal offices of CPCB and the SPCB.	This is being followed. Compliances are submitted timely to the regulatory bodies.
xvii	The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the office(s) of the regional office by furnishing the requisite data/ information /monitoring reports.	Agreed. GMDC ensures full cooperation during audits.
xviii	The environmental statement for each financial year ending 31 st March in Form-V is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional offices of the MOEF by E mail.	Complied. GMDC is annually submitting environmental statement in the form of FORM V to GPCB, Gandhinagar. The same will be uploaded on the company's website along with the status of compliance of EC conditions
	<p style="text-align: center;">FORM V (See Rule 14)</p> <p style="text-align: center;">FORM V - A</p> <p>From: Coal India Development Corp. Ltd., Lignite Division, Lakshminagar, Tadipatri, West Coast Phone (0844) 251114</p> <p>To: Regional Office of State Board, M.O.E.F., Bhopal, Madhya Pradesh</p> <p>ENVIRONMENTAL STATEMENT for the financial year ending March 2011.</p> <p>To: The local address of the project Coal India Development Corp. Ltd., Lignite Division, Lakshminagar, Tadipatri, West Coast Phone (0844) 251114</p> <p>CC: District Collector, Pondicherry - 605 006 (MINE) Secretary - (2011-12)</p> <p>CC: Director, Lignite Division, M.O.E.F., Bhopal</p> <p>CC: Year of Establishment: 1991</p> <p>CC: Date of last Environmental Clearance: 2004 (20)</p> <p><small>Environmental Statement is a document prepared by the project proponent in compliance of the provisions of the Environment (Protection) Act, 1986 and the Environment (Protection) Rules, 1986. It is a statement of the project proponent regarding the environmental impact of the project and the measures to be taken to avoid, minimize and compensate for the adverse effects of the project on the environment. It is a document which is submitted to the concerned State Pollution Control Board for its approval. The Environmental Statement is a document which is submitted to the concerned State Pollution Control Board for its approval. The Environmental Statement is a document which is submitted to the concerned State Pollution Control Board for its approval.</small></p>	<p style="text-align: center;">FORM V (See Rule 14)</p> <p style="text-align: center;">FORM V - A</p> <p>From: Coal India Development Corp. Ltd., Lignite Division, Lakshminagar, Tadipatri, West Coast Phone (0844) 251114</p> <p>To: Regional Office of State Board, M.O.E.F., Bhopal, Madhya Pradesh</p> <p>ENVIRONMENTAL STATEMENT for the financial year ending March 2011.</p> <p>To: The local address of the project Coal India Development Corp. Ltd., Lignite Division, Lakshminagar, Tadipatri, West Coast Phone (0844) 251114</p> <p>CC: District Collector, Pondicherry - 605 006 (MINE) Secretary - (2011-12)</p> <p>CC: Director, Lignite Division, M.O.E.F., Bhopal</p> <p>CC: Year of Establishment: 1991</p> <p>CC: Date of last Environmental Clearance: 2004 (20)</p> <p><small>Environmental Statement is a document prepared by the project proponent in compliance of the provisions of the Environment (Protection) Act, 1986 and the Environment (Protection) Rules, 1986. It is a statement of the project proponent regarding the environmental impact of the project and the measures to be taken to avoid, minimize and compensate for the adverse effects of the project on the environment. It is a document which is submitted to the concerned State Pollution Control Board for its approval. The Environmental Statement is a document which is submitted to the concerned State Pollution Control Board for its approval. The Environmental Statement is a document which is submitted to the concerned State Pollution Control Board for its approval.</small></p>
3	The Ministry of any other competent authority may stipulate any further condition for environmental protection.	Agreed with due respect.
4	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract the provisions of the Environment (protection) Act, 1986	Agreed with due respect.
5	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 the air (Prevention & Control of Pollution) Act, 1981 the Environment (protection) Act, 1986 and public liability insurance act 1991 along with their amendments and Rules. The proponent shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water and occupational and other diseases due to the mining operations.	A comprehensive environment management plan and progressive mine closure plan is in place for better environment management at this mine. The Corporation further agrees to bear the cost of remedial measures of any accidental uncontrollable pollution if takes place due to mining.

	qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.	Environment Management Cell with qualified personnel has been set up under direct control of General Manager (project), who is directly reporting to MD of the company.
xi	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to this Ministry and its Regional Office at Bhopal	Agreed. The funds earmarked for environmental protection measures are been used for the said purpose only. The budget is sanctioned year wise & its proper utilization is ensured for better environment protection. These investments separately accounted and communicated along with compliance report. Expense of Rs. 15.48 lakhs was done in last six months for environmental protection.
xii	The project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven days of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at the website of the Ministry and Environment & Forests at http:// envfor.nic.in	After receipt of Environmental Clearance letter the Corporation has advertised the same in : Indian Express (English Newspaper) on 30.10.2010. GujaratMitra (Gujarati Newspaper) on 31.10.2010.
		
xiii	A copy of the environmental clearance letter shall be marked to concerned panchayat/ Jilla parishad, Municipal Corporation or Urban Local Body and local NGO, if any from whom any suggestion/representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on the company's website.	The Environmental Clearance letter is uploaded on GMDC website: www.gmdcltd.com The Corporation has received active participation of people from Tadkeshwar, Ushker and Virpur Gram Panchayat as well as an NGO namely ParyavaranMitra during public consultation process. Therefore, the copy of environmental clearance letter was sent to the following: Sarpanchshree of villages Tadkeshwar, Ushker, Ramkund and Virpur Mamlatdar of Mandvi Taluka ParyavaranMitra, Ahmedabad
xiv	A copy of the clearance letter shall be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industry Centre and collector's office/ Tehsilidars office for 30 days.	The copy of environmental clearance letter was sent to the following offices with a request to display the same: Collectors Office, Surat District Development Office, Regional Office of Gujarat Pollution Control Board, Surat
xv	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated EC condition shall also be uploaded by the project authorities	Complied. The Environmental Clearance letter is uploaded on

For G. M. D. C. Ltd.

[Handwritten signature]
I/C General Manager (Project),
Authorized Signatory