

UNCHABALI IRON & MN. ORE MINES, OF SMT. INDRANI PATNAIK

MINING LEASE

ML AREA IS 106.1127 HA AND LEASE PERIOD IS VALID UPTO 04.02.2029

ENVIRONMENTAL CLEARANCE:

VIDE LETTER NO. J-11015 / 1155 / 2007-IA.II (M), DATED 23RD JULY, 2009
4.0 MTPA IRON ORE PRODUCTION FROM MOEF, GOVT OF INDIA.

CONSENT ORDER: 2645

VIDE CONSENT ORDER NO.2645, LETTER NO. 2476 / IND - I - CON - 6035, DATED 06.02.2016 FOR 4.0 MTPA IRON ORE PRODUCTION FROM SPCB, ORISSA.

LAND DETAILS		FOREST CLEARANCE OBTAINED	DATE OF EXECUTION	DATE OF EXPIRY
DLC FOREST	NON FOREST LAND			
103.432 HA	2.6807HA	103.432 HA	05.02.1999	04.02.2029

AMBIENT AIR QUALITY:

PARAMETER	PM 10 (ug/m3)	PM 2.5 (ug/m3)	So2 (ug/m3)	Nox (ug/m3)	CO (mg/m3)
NORMS	100	60	80	80	02
RESULTS	79	40.26	7.30	23.5	0.3

FUGITIVE DUST EMISSION MONITORING:

MONITORING LOCATIONS	CRUSHER PLANT	WORK SHOP	HAUL ROAD	SCREEN PLANT	MINES FACE	DUMP AREA
Norms	1200					
Results (mg/m3)	759	752	747	780	750	708

MINES SURFACE RUN OFF DISCHARGE WATER QUALITY:

PARAMETER	PH	TSS	OIL & GREASE	Fe.	Mn.
NORMS (mg/l)	5.5-9.0	100	10	3	2
RESULTS (mg/l)	6.80	9.80	2.0	0.20	0.2

STP DISCHARGE WATER QUALITY:

SL. NO	DESCRIPTION	Unit	April -18	May - 18	June - 18	July - 18	August - 18	September -18
1	pH	-	7.12	7.55	6.90	7.02	7.28	7.65
2	Total Suspended Solids (TSS)	Mg/1	56	72	75	76	71	72
3	(BOD)	Mg/1	15.8	14.6	16.4	18.3	24.3	22.40

GROUND VIBRATION MONITORING RESULT:

SL.NO	Blasting Results in PPV	Norms for PPV
1	0.420 mm/sec	5.00 mm /sec

HAZARDOUS WASTE DETAIL: AUTHORIZATION NO IND-IV-HW-843-6110 dated 31.03.2016.

DESCRIPTIONS	USED OIL	OIL CONTAMINATED COTTON
APPROVAL QUANTITY	40 KL	5000 Kg
DISPOSED QUANTITY	22.47 KL	260 kg
FOR THE PERIOD	April - 2018 to March - 2019	

Plantation Details as on March_2019			
Sl. No	Year	Number of Saplings	Survival Rate
1	2019-2020	1750	80%
2	2018-2019	5860	85%
3	2017-2018	2450	90%
4	2016-2017	11865	86%
5	2015-2016	11960	85%
6	2014-2015	5980	80%
7	2013-2014	12550	70%
8	2012 - 2013	11000	80%
9	2011 - 2012	7830	70%
10	2010 - 2011	11086	65%