

FROM-V
(See rule-14)

Environment statement for the financial year ending the 31st March, 2019

PART-A

I. Name & Address of the owner/Occupier of the Industry, operation or process:

Talangi Chromite Mine
M/s IDC of Orissa Ltd
Vill-Talangi, Po.-Kansa
Dist-Jajpur, Orissa

II. Industry category primary- (STC CODE) Secondary-(SIC CODE)

III. Production capacity: units: 59641 MT as per scheme

IV. Year of Establishment: 1993

V. Date of the last environmental statement submitted: 01.06.2018

PART-B

Water and Raw material consumption:

1. **water consumption** cum/ day: 60 cum/day

Process: COB plant- 13 cum/day

Cooling: water sprinkling on Haul Road- 17 cum/day

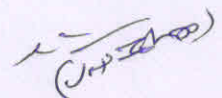
Domestic: Drinking and Domestic – 30 cum/day

Name of Products	Process water consumption per unit of products	
	During the previous financial year 2017-18	During the current financial year 2018-19
1. Chrome concentrate	375 Ltr	333 Ltr

II. Raw material consumption

Name of Raw Materials*	Name of Products	Consumption of Raw Material per unit of output	
		During the previous financial year 2017-18	During the current financial year 2018-19
Chrome Ore	Chrome concentrate	2.28 Mt.	2.23 Mt.

- Industry may use codes if disclosing details or Raw materials would violet contractual obligation, other wise all industries have to name the raw materials used.


Mines Manager
Talangi Ch. Mines

PART-C

Pollution discharged to environment per unit of output
(Parameter as specified in the consent issued)

Pollution	Quantity of Pollution discharged (Mass/day.)	Conc of Pollution discharged (Mass/Vol.)	% of variation from prescribed standards with reason.
a) Water Site specific working influent cum ETP			
PH value at 20° C		7.23	20 % Lower side
TSS	116.31 Kg/day	59.65 mg/ltr	40 % Lower side
Bio-chemical oxygen demand (for 5 days at 20° C)	5.61 Kg/day	2.88 mg/ltr	90 % Lower side
Chemical oxygen demand	59.52 Kg/day	30.53 mg/ltr	88 % Lower side
Oil and grease	5.17 Kg/day	2.65 mg/ltr	74 % Lower side
Hexavalent chromium	0.004 Kg/day	0.002 mg/ltr	96 % Lower side
Total Chromium	1.68 Kg/day	0.86 mg/ltr	57 % Lower side
b) Air- Not applicable			

PART-D

HAZARDOUS WASTES

(As specified under hazardous wastes (Management & Handling Rules. 1989)

Hazardous Wastes	Total quantity (Kg)	
	During the previous financial year 2017-18	During the current financial year 2018-19
1. From Process <ul style="list-style-type: none">• Used Oil• Waste containing Oil	1020 ltr 160 kg	600 ltr 70 kg
2. From pollution control facilities <ul style="list-style-type: none">• ETP Sludge	3000 kg	620 kg

PART-E

SOLID WASTES

	Total quantity (Kg)	
	During the previous financial year 17-18	During the current financial year 18-19
a. From Process (O.B.& Top soil)	2,07,049.79 m3	1,26,375.68 m3
b. From pollution control facilities	Nil	Nil
c. Quantity recycled or reutilized within the unit	Nil	Nil

PART-F

Please specify the characteristics (in terms of composition and quantum) of hazardous as well as soild wastes and indicate disposal practice adopted for both these categories of waste.

- Overburden waste is being disposed at Quarry no-1 for back filling.
- Top Soil – got utilized during plantation and dump slope stabilization purpose.

PART-G

Impact of the pollution abatement measures taken on conservation of natural re-sources and on the cost of the production.

- Massive plantation is going on to retain the soil capacity as well as to increase the water holding capacity of that area.
- Waste dumps got stabilized with massive plantation.

PART-H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevent of pollution.

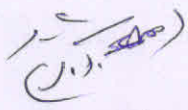
- Water sprinkling system on haul roads by engaging 10 KL. Water tankers on daily basis.
- Plantation in safety zone, back filled area and dump areas. Total 5000 nos of saplings has been planted in the year 2018-19

PART-I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

- Environmental week is being observed in the month of January every year, for environmental awareness among the staffs as well as for peripheral villagers.


Mines Manager
Telangi Ch...