

TARINI MINERALS PVT LTD

(A UNIT OF D.R.PATNAIK & ALTRADE GROUP)

Ref no: DIOM/SPCB/ES/210/2017

Date: 28.09.2017

The Member Secretary,
State Pollution Control Board, Odisha
Parivesh Bhawan, A/118,
Nilkantha Nagar, Unit-VIII,
Bhubaneswar – 751012

Sub: Environment statement of “Deojhar Iron Ore Mines of M/s Tarini Minerals (P) Ltd”. located in Thakurani RF near Village Deojhar, Tehsil-Barbil, Dist: Keonjhar” for the year ending March, 2017.

Dear Sir,

With reference to the above cited subject, we would like to inform you that, mining activity in Deojhar Iron Ore Mining Project of M/s Tarini Minerals (P) Ltd was not in operation from 04.09.2014 to 24.08.2016 for want of Statutory Clearances. So, based on the monitoring /operation of remaining periods, we are here with submitting the “Environment Statement for the financial year ending March, 2017 (April, 2016 to March, 2017)” in Form-Vas per rule-14 under Environment (Protection) Rules, 1986.

This is for your kind information please.

Thanking You

Yours sincerely

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Mines Manager
Deojhar Iron Mines
M/s. Tarini Minerals (P) Ltd.

Mines Manager
Deojhar Iron Ore Mines
M/s Tarini Minerals Pvt. Ltd

Received
28/09/17

Encl: As above

Copy to: : 1. THE DIRECTOR (S), Eastern Regional Office, Ministry of Environment, Forest & climate change, Govt. of India, A-3, Chandrasekharpur, Bhubaneswar-751023 (Odisha).

2. The soft of the Annual Environment Statement is mailed to: mef.or@nic.in

[FORM-V]

(See Rule 14)

Environment Statement for the financial year ending the 31st March 2017

PART-A

(i) Name and address of the owner / occupier of the industry, operation or process:

Deojhar Iron Ore Mines

M/s. Tarini Minerals Pvt Ltd.

Works Office: Baneikala, Joda, Dist: Keonjhar, Odisha

Ph no: 0661-240-0139

(ii) Industry category Primary –(STC CODE) Secondary-(SIC Code)

(iii) Production capacity : Units : 1.5 MTPA

(iv) Year of establishment: 1994

(v) Date of the last Environmental Statement Submitted: 28th Sept'2016

PART-B

Water and Raw material Consumption:

(1) Water Consumption m³/d: 75 CUM/DAY

Process : Not Applicable

Dust Suppression : Water sprinkling on Haul roads- 60 CUM/DAY

Green Belt development: 8 CUM/DAY

Work Shop : 3 CUM/DAY

Domestic : Drinking purpose- 4 CUM/DAY

Name of Product	Process water consumption per unit of output
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Sized Iron Ore

Not Applicable

During the previous Financial year	During the current financial year
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(1)	(2)
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(ii) Raw material consumption: **Not applicable**

Name of raw Material	Name of products	Consumption of raw material per unit of out put
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During the previous	during the current
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Financial year

Sized Iron Ore

*Industry may use codes if disclosing details or raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART-C

Pollution discharged to environment /unit of output: **Not Applicable**
(Parameter as specified in the consent issued)

(1) Pollutants	Quantity of Pollutants discharged (mass/day)	Conc. of Pollutants in discharges (mass/volume)	% of variation from prescribed standards with Reasons.
(a) Site specific domestic Effluent cum STP			
pH:	.....	6.21	Within the range
TSS	0.66 Kg/d	75 mg/l	25 % lower side
Oil & grease:	0.01 Kg/d	<1 mg/l	90 % lower side
Fe:	0.2.2 Kg/d	2.2 mg/l	27 % lower side
(b) Site specific Working Effluent cum ETP			
pH:	.....	6.60	Within the range
TSS:	0.09 Kg/d	85 mg/l	15 % lower side
Fe:	0.002 Kg/d	2.30 mg/l	23 % lower side
(c) Surface Run- off Discharge during monsoon period			
pH:	.....	.....	.....
TSS:	.....	.....	.....
Oil & grease:	.....	.....	.....
Fe:	.....	.....	.....
(b)Air: Not Applicable			

Hazardous Wastes

(As specified under Hazardous Waste/ Management and Handling Rules,1986)

Hazardous waste	Total Quantity	
	During the previous Financial year	During the Current financial year
(a) From process		
(b) From Pollution Control FACILITY		
Others: Used Oil	Mine Closed	2730 liters
Oil Contaminated Cotton waste	Mine Closed	426 kgs

PART-E

Solid Waste

	Total Quantity	
	During the previous Financial year	during the current financial year
(a) From process: (Overburden and top soil)	Mine Closed	Nil
(b) From pollution control facility:	Not Applicable	
(c) (1) Quantity recycled or re-utilized within the unit.	Not Applicable	
(2) Sold.		
(3) Disposed.:	It is dumped at ear marked areas of the mines.	

PART-F

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

- **Top soil** – There is no generation of Top Soil in last year.
- **Hazardous Waste:**
Used oil: collection in leak proof oil barrels and stored in isolated yard under Shed with impervious floor having secondary containment pit at the corner - For the temporary storage.
- **Oil Contaminated Cotton Waste :** Compacted into small package and stored Under isolated area in the yard.

PART-G

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

- Rain water harvesting project work completed to recharge the ground water As a major step of natural conservation of resources.
- Massive plantation is going on to retain the soil captivity as well as to increase the water holding capacity of that area.

PART-H

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

- Water sprinkling system on haul roads by engaging 16 KL water tanker
Is being carried out on daily basis.
- Dry fog system is provided in all screen plants for dust suppression.
- Sewage treatment plant for waste water which is generating from the canteen waste and toilet wastes, and the treated water is utilized for the nearby plantation and gardening purposes.
- Plantation in safety zone, camp areas and dumps.
- Check-dam for silt control in surface run-off from mines area.

PART-I

Any other particulars for improving the quality of the environment.

- Our project has observed the “World Environment Day, 5th June 2016” with the plantation campaign in the area
- Steps also taken by our project to create awareness about water conservation, wild life awareness programs etc. at nearby villages.



Water Sprinkling



Settling Pond.



Check Dam



Rain Water Harvesting



Sewage Treatment Plant



Retaining Wall

TARINI MINERALS PVT LTD

(A UNIT OF D.R.PATNAIK & ALTRADE GROUP)

Ref: DIOM/SPCB/HWM/2017/208

Date: 18.09.2017

The Member Secretary,
State Pollution Control Board, Odisha
Paribesh Bhawan
A/118, Nilakantha Nagar, Unit – VIII
Bhubaneswar, Odisha.

Subj: Annul Returns in Form IV under Hazardous Waste Authorization for Deojhar Iron Ore mining project of M/s Tarini Minerals (P) Ltd.

Ref: SPCB Authorization letter no. IND-IV-HW-846/8499, Date of Issue: 31.05.2014

Dear Sir,

With reference to above subject, we are herewith submitting the Annual Returns in Form - IV [(See rule 5(6) and 22(2))] in compliance to specific condition no. 1 under above authorization for the financial year of 2016-17 (April 2016 to March 2017).

This is for your kind information please.

Thanking You,

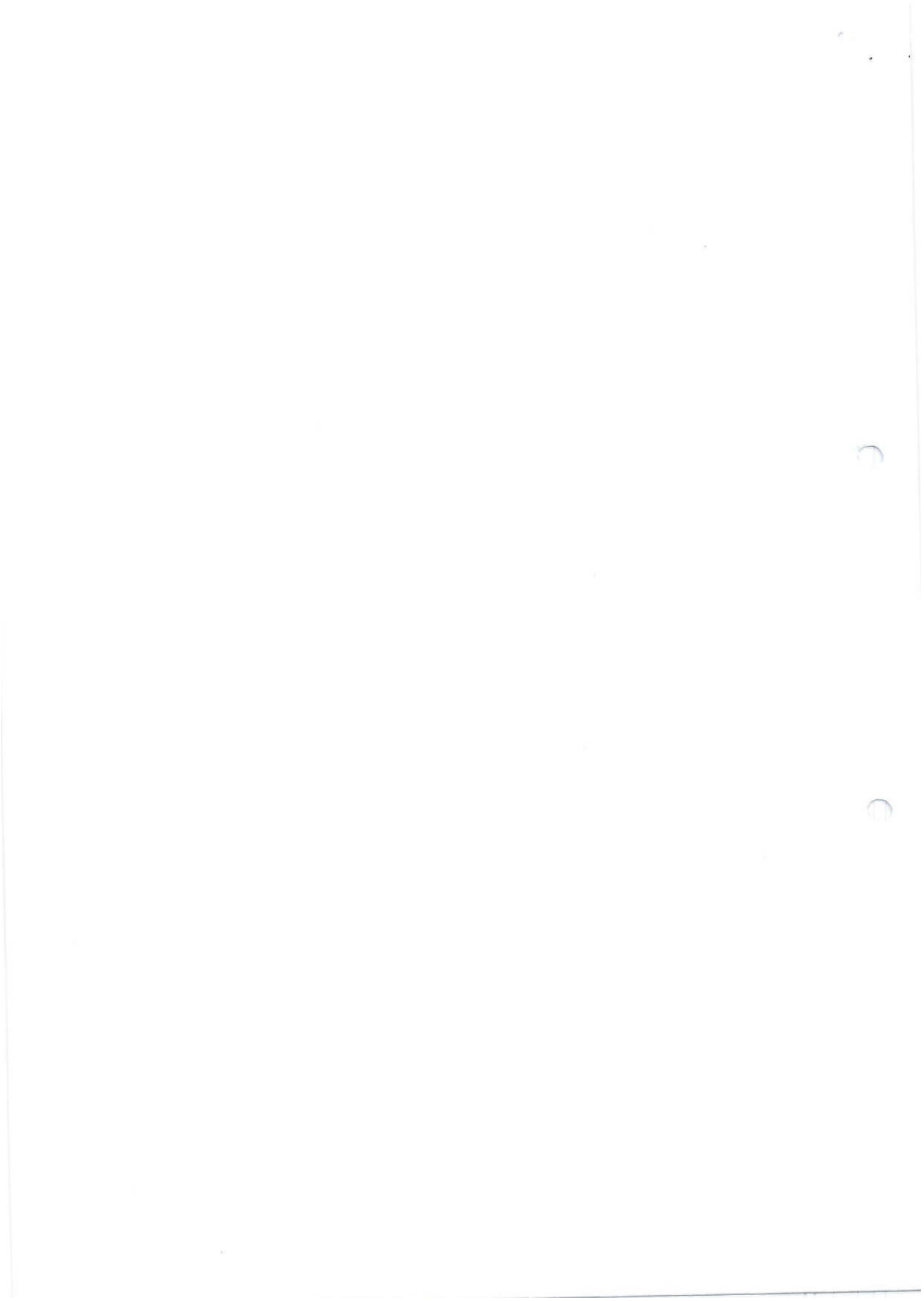
Yours Sincerely

B. S.
Mines Manager
Deojhar Iron Mines
M/s. Tarini Minerals (P) Ltd.
Deojhar Iron Ore Mines
M/s Tarini Minerals Pvt.Ltd

CC to ✓ : Regional Officer, SPCB, Keonjhar, Odisha

Encl. : As above





FORM 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March]

1. Name and address of facility: **DEOJHR IRON ORE MINES OF
M/s TARINI MINERALS PVT. LTD,
DEOJHAR, BARBIL, DIST-KEONJHAR,
Pin: 758038**
2. Authorization No. and Date of issue: **IND-IV-HW-846/8499, Date of Issue: 31.05.2014**
3. Name of the authorized person and full address with telephone, fax number and e-mail:

**Mr. UMESH CHANDRA MOHANTA
DEOJHR IRON ORE MINES OF
M/s TARINI MINERALS PVT. LTD,
DEOJHAR, BARBIL, DIST-KEONJHAR
Mob : 8895411438, e-mail:- diomtmpl@gmail.com**

4. Production during the year (product wise), wherever applicable: **1.5 MTPA of Iron Ore**

Part A. To be filled by hazardous waste generators

1. Total quantity of waste generated category wise:

i.	Used Oil	:	2.73 KL
ii.	Cotton Waste:		426 Kg
iii.	Oil Filters	:	60 Kg

2. Quantity dispatched

(i) to disposal facility: **NIL**
(ii) to recycler or co-processors or pre-processor: **2.73 KL of Used Oil**
(iii) Others

3. Quantity utilized in-house, if any – **Not Applicable**

4. Quantity in storage at the end of the year –

i.	Used Oil	:	0.00 KL
ii.	Cotton Waste	:	426 Kg
iii.	Oil Filters	:	60 Kg

Part B. To be filled by Treatment, storage and disposal facility operators

1. Total quantity received – **N.A**
2. Quantity in stock at the beginning of the year - **N.A**
3. Quantity treated – **N.A**
4. Quantity disposed in landfills as such and after treatment – **N.A**
5. Quantity incinerated (if applicable) - **N.A**
6. Quantity processed other than specified above - **N.A**
7. Quantity in storage at the end of the year - **N.A**

Part C. To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year – **N.A**
 - (i) domestic sources
 - (ii) imported (if applicable)
2. Quantity in stock at the beginning of the year - **N.A**
3. Quantity recycled or co-processed or used – **N.A**
4. Quantity of products dispatched (wherever applicable) – **N.A**
5. Quantity of waste generated - **N.A**
6. Quantity of waste disposed - **N.A**
7. Quantity re-exported (wherever applicable) - **N.A**
8. Quantity in storage at the end of the year - **N.A**

**Signature of the Occupier or
perator of the disposal facility**

Date: 18.09.2017

Place: Deojhar

FORM 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March]

1. Name and address of facility: **DEOJAHR IRON ORE MINES OF
M/s TARINI MINERALS PVT. LTD,
DEOJHAR, BARBIL, DIST-KEONJHAR,
Pin: 758038**

2. Authorization No. and Date of issue: **IND-IV-HW-846/8499, Date of Issue: 31.05.2014**

3. Name of the authorized person and full address with telephone, fax number and e-mail:

**Mr. UMESH CHANDRA MOHANTA
DEOJAHR IRON ORE MINES OF
M/s TARINI MINERALS PVT. LTD,
DEOJHAR, BARBIL, DIST-KEONJHAR
Mob : 8895411438, e-mail:- diomttempl@gmail.com**

4. Production during the year (product wise), wherever applicable: **1.5 MTPA of Iron Ore**

Part A. To be filled by hazardous waste generators

1. Total quantity of waste generated category wise:
 - i. **Used Oil : 2.73 KL**
 - ii. **Cotton Waste: 426 Kg**
 - iii. **Oil Filters : 60 Kg**

2. Quantity dispatched
 - (i) to disposal facility: **NIL**
 - (ii) to recycler or co-processors or pre-processor: **2.73 KL of Used Oil**
 - (iii) Others

3. Quantity utilized in-house, if any – **Not Applicable**

4. Quantity in storage at the end of the year –
 - i. **Used Oil : 0.00 KL**
 - ii. **Cotton Waste : 426 Kg**
 - iii. **Oil Filters : 60 Kg**

Part B. To be filled by Treatment, storage and disposal facility operators

1. Total quantity received – **N.A**
2. Quantity in stock at the beginning of the year - **N.A**
3. Quantity treated – **N.A**
4. Quantity disposed in landfills as such and after treatment – **N.A**
5. Quantity incinerated (if applicable) - **N.A**
6. Quantity processed other than specified above - **N.A**
7. Quantity in storage at the end of the year - **N.A**

Part C. To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year – **N.A**
 - (i) domestic sources
 - (ii) imported (if applicable)
2. Quantity in stock at the beginning of the year - **N.A**
3. Quantity recycled or co-processed or used – **N.A**
4. Quantity of products dispatched (wherever applicable) – **N.A**
5. Quantity of waste generated - **N.A**
6. Quantity of waste disposed - **N.A**
7. Quantity re-exported (wherever applicable) - **N.A**
8. Quantity in storage at the end of the year - **N.A**

**Signature of the Occupier or
perator of the disposal facility**

Date: 18.09.2017

Place: Deojhar