



# ग्रीन गैस लिमिटेड

(गैल (इण्डिया) लिमिटेड एवं इण्डियन ऑयल कॉर्पोरेशन लि० का संयुक्त उद्यम)

## GREEN GAS LIMITED

(A joint venture of GAIL (India) Ltd. & Indian oil corporation Ltd.)

द्वितीय तल, "जीवन प्रकाश बिल्डिंग, संजय प्लेस, आगरा- 282002

फोन - : 0562-2850319, 2850318, 4061634

2nd Floor, "Jeevan Prakash Building", Sanjay Place, Agra-282002

Phone No. : 0562-2850319, 2850318, 4061634

CIN No. U23201UP2005PLC030834

For better environment  
and clean air to breathe

### Muck Management Plan

**Subject :** Proposal for seeking permission to use the 0.584 Ha. Protected Forest Land for laying of gas pipe line in 7300 mtr. length from Mahavir Dhaba to Bhagwan Filling Station on LHS of Agra-Kanpur Road (NH-2) from Km. 206.757 to 213.960 by Green Gas Limited, Agra, (U.P.)

(While preparing FCA case, if there is any activity in the project which involves digging of land, muck disposal/ management plan has to be prepared)

1.	Calculation of muck to be generated, swell factor has to be applied.	The scope of work in laying of gas pipe line does not attract Muck generation since there is no tunnel work of significant cutting of rock/hill etc. There is not any dismantling of existing road of bituminous/non bituminous pavement material. <b>No Calculation and swell factor is applicable and undertaking is enclosed in this regard.</b>
2.	Quantity of muck to be utilized in the project activities.	<b>Not any</b>
3.	Balance quantity of muck. Which requires disposal/ management plan?	No balance quantity will be left for disposal and accordingly no disposal plan is required.
4.	Carriage of muck from the muck generation site in the dumping site.	<b>Not Applicable</b>
5.	Ownership of land and the consent of land owner, in case muck disposal on non forest land.	<b>Not Applicable</b>
6.	Photograph & carrying capacity of proposed dumping site (muck disposal site)	<b>Not Applicable</b>
7.	Development of dumping site- construction of retaining walls and other structure as per requirement of the site. The objective is to completely stop rolling down of the muck.	<b>Not Applicable</b>
8.	Rehabilitation of dumping site like levelling, planting of grass, shrubs and tree species	<b>Not Applicable</b>

Material Generation and utilization details due to dismantling of road pavement/culvert/bridge	
Material generated due to dismantling of road pavement/culvert/bridge	<b>Not Any</b>
Add swell factor @ 40%	<b>Not Applicable</b>

प्रति हस्ताक्षरित

Regd. Office : Fortuna Tower 2nd Floor 10 Rana Pratap Marg, Lucknow (U.P.) 226 001

Phone : 0522-4088530, 4088526, Fax : 0522-4088529, website : ggionline.net

प्रभागीय निदेशक  
सामाजिक वानिकी प्रभाग  
आगरा

F.C. MUKHERJEE

DSM/B O & M/OIC AGRA

GREEN GAS LIMITED

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Use of Material		
SL	Item for which material is to be used	Quantity of material consumed (in Cum)
1	Haul Road	NIL
2	Approach road	NIL
3	Development of Construction Camp	NIL
4	Reutilization of Scarified Bituminous Pavement Material in DBM/BC	NIL
5	Construction of Plum Masonry	NIL
6	Solling	NIL
7	Construction of Parapets	NIL
8	Construction of Road side drain	NIL
9	Construction of Scuppers	NIL
10	Concrete Work	NIL
11	Other filling work	NIL
Total ( Cu.M)		NIL
Balance Material to be disposed		NIL

As per the above details of utilization of dismantled material **NO despoil and development of dumping ground is required.**

**Note** - Cost to be incurred on the above activities has to be given component wise. Details of dumping site including length, width and height of structures to be exacted must be mentioned.

**Undertaking by the user agency has to be given to the effect that:**

- (1) Muck management plan will be implemented by the user agency and in case of non implementation of the plan; they will be liable to penalty/ action at their cost
- (2) The proposed dumping site is located away from river/ stream/ nala.

### **Certificate for No Muck will be Generated and Disposed at Site**

This is to certify that for the laying of gas pipe line in 7300 mtr. length from Mahavir Dhaba to Bhagwan Filling Station on LHS of Agra-Kanpur Road (NH-2) from Km. 206.757 to 213.960 by Green Gas Limited, Agra, (U.P.), No Muck will be generated in development of above laying of gas pipe line project.

Date: 16.01.2018

Place: Agra

*(Signature)*  
**F.C. MUKHERJEE**  
 DGM (P, O & M)/OIC AGRA  
 GREEN GAS LIMITED  
 (A JV OF GAIL (INDIA) LTD. & IOCL)

प्रति हस्ताक्षरित

*(Signature)*  
 (मनीष मित्तल)  
 प्रभागीय निदेशक  
 सामाजिक वानिकी प्रभाग  
 अगम