

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 3

C E R T I F I C A T E

Documents Verification Certificate (By Deputy Conservator of Forests)

Certified that all the documents enclosed herewith the **Mumbai-Nagpur** Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area 1.2728 Ha.) have been scrutinized as per the revised check list and found to be correct.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 4

C E R T I F I C A T E

Absences of alternative about the project and minimum demand of forest area

Certified that all alternatives for the purpose have been explored and the demand of the forest land for **Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area 1.2728 Ha.)** is the barest minimum demand.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No.5

C E R T I F I C A T E

Certificate of No Violation of Forest (Conservation) Act, 1980.

(Certificate of Deputy Conservator of Forest)

This is to certify that there is no violation of the Forest (Conservation) Act, 1980 and their guidelines in the work of **Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area 1.2728 Ha.)**

Place:- Thane.

Date:- 15/07/2022.

(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 6

C E R T I F I C A T E

**Suitabilty Certificate By The Dy. Conservator Of Forests That Forest And Non-
Forest Land Is Suitable For Raising Trees Species**

This is to certify that this is a Re-diversion proposal so, Compensatory land is not required as per Forest guidelines. Hence, Not Applicable.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 7

C E R T I F I C A T E

**Certificate Of Identified Forest And Acquired Forest For Compensatory
Afforestation Area By Dy. Conservator Of Forests**

This is to certify that this is a Re-diversion proposal so, Compensatory land is
not required as per Forest guidelines. Hence, Not Applicable.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 8

C E R T I F I C A T E

**(Identified Forest and Acquired Forest Certificate for Non-Forest area under
the Project Conservator of Forest Certificate)**

This is to certify that the following Gut Numbers (Specified as below) of Non Forest Land covered under the project of "Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area 1.2728 Ha.)", are not under the provision of Maharashtra Private Forest (Acquisition) Act, 1975 by virtue of application of section 35 of Indian Forest Act, 1927 and are not recognized as deemed Reserved Forest as well as not included in the area identified as "Forest" as per the dictionary meaning of Forest as intimated to the expert committee appointed under interim judgment of the Hon'ble Supreme Court dated 12/12/1996.

Sr.No.	Name of Taluka	Name of Village	Survey No.
1	Kalyan	Mhaskal	108, 95, 113/3, 113/2, 114, 116/5, 116/1, 117, 118, 122/1, 123/1, 125, 127.
2	Kalyan	Titwala	247, 249, 239, 246, River.
3	Kalyan	Runde	River, 88, 84/5, 22/5, 22/4, 22/3, 21/2/2, 21/2/1, 16/17/22/23/25, 84/2, 30/1, 27/2, 28/1, 27/1.
4	Kalyan	Utane	53/1, 54/5, 53/2, 55/3, 55/4, 57/5, 79/3/2, 79/3/1, 79/7, 77/4, 77/5, 77/6, 77/7, 77/8, 77/9, 76, 74/7, 74/8, 74/13, 74/12, 74/4, 74/11, 74/15, 74/14, 74/16, 74/17, 74/18, 102/6, 74/19, 102/5, 102/4, 102/10, 102/9, 98, 97/1, 110/8, 110/7/2, 110/1, 111/3, 112/7, 120/8, 112/6, 120/5, 112/5, 120/9, 112/4, 112/3, 116, 117/2, 125, 123.
5	Kalyan	Chinchavali	15/4, 15/9, 16, 15/7, 15/8, 15/5, 28, 15/10, 15/11, 18/3, 18/2, 19/8, 18/4, 18/5, 18/6, 19/7, 18/1, 11/10, 19/6, 11/9, 19/5, 19/4, 11/8/1, 11/8/2, 13.
6	Kalyan	Nadgaon	132, 130, 104, 129, 107, 100, 109, 99, 98, 93, 91, 76, 79.
7	Kalyan	Phalegaon	202, 203, 199, 205, 208, 28, 27, 26, 24, 37, 42, 44, 51, 49, 01.
8	Kalyan	Ushid	75, 73, 70, 71, 68, 47, 48, 49, 50, 41, 39, 38, 37, 27, 25, 26.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 9

C E R T I F I C A T E

Archeological Importance
(Certificate by the Dy. Conservator of Forest)

This is to certify that the **Mumbai-Nagpur Pipeline Project (Re-diversion)** :
laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in
Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area
1.2728 Ha.) is not likely to affect any monument sites of cultural, historical,
religious, archeological or recreational importance.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 10

C E R T I F I C A T E

Wildlife Certificate (By Dy. Conservator of Forest)
(Project area is included in National Park, Wildlife Sanctuary)

This is to certify that the **Mumbai**-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area 1.2728 Ha.) is not included in the area of any National Park / Wildlife Sanctuary.

Place:- Thane.

Date:- 15/07/2022.

(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 11

C E R T I F I C A T E

Net Present Value-Dy Conservator of Forests, Thane Forest Division, Thane

Certify that **1.2728 ha.** of forest land to be used in this purpose i.e., Proposal for diversion 1.2728 Ha. (Thane Forest Division) forest land for **Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL).**

The density is below 0.4, Eco Class-I, Category – Open Forest Value is Rs. 11,16,900 /- Per Ha.

The amount of Net Present Value of 1.2728 ha. (Thane Forest Division) Forest land is **Rs. 14,21,590 /- (Rs. Fourteen Lakhs Twenty One Thousand Five Hundred Ninety Only)** is exactly as per Hon'ble Supreme Court order dated 28/03/2008 in Writ Petition (Civil) No. 202 of 1996 and Revised rates of Net Present Value (NPV) as per Govt. of India vide Order No. 5-3/2011-FC (Vol-I) Dated 06/01/2022.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 12

C E R T I F I C A T E

(No cutting and felling of trees Certificate of Dy. Conservator of Forest.)

This is to certify that the **Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area 1.2728 Ha.)** involves felling of 65trees. The list and estimate of tree is attached in the project.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 13

C E R T I F I C A T E

**Certificate about distance of Project form Protected Area
(By Dy. Conservator of Forest)**

This is to certify that, "Tansa Wildlife Sanctuary" is at a distance of 9.980 km from nearest forest area at Village Ushidwhich is proposed for diversion. Details are shown in the map at page no -

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 14

C E R T I F I C A T E

**(Certificate of the Dy. Conservator of Forest regarding alternative examined
for linear Project)**

This is to certify that the **Mumbai-Nagpur Pipeline Project (Re-diversion)**
: laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest
in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area
1.2728 Ha.) is a Re-diversion proposal. The forest area involved is minimum from
the other alternatives examined which is barest minimum and also minimum cutting
and felling of trees involved compared to other alternative. Hence, this is most
feasible from Technical, Economical & forest point of view.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 15

C E R T I F I C A T E

(Proposal furnished in English)

This is to certify that, the required annexure and the particulars to the proposal furnished in English of **Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area 1.2728 Ha.)**

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 16

C E R T I F I C A T E

**(Certificate of Deputy Conservator on Suitability of Zudpi Jungle Land Offered
for Compensatory Afforestation)**

NOT APPLICABLE.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

SITE INSPECTION REPORT

1.	Name of the proposal	Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL).				
	Location					
	i) Division	Thane Forest Division				
	ii) Range	Kalyan				
	iii) Round	Kunda, Khadavali				
	iv) S.No.	Details given below				
		Village	S.No. /G.No.	Range	Round	Beat
		Titawala	247	Kalyan	Kunda	Mhaskal
		Runde	88, 87	Kalyan	Khadavali	Phalegaon
		Nadgaon	96, 92/1, 69, 75, 78, 69	Kalyan	Khadavali	Khadavali
		Phalegaon	232, 206/4, 206/5, 206/6, 206/7, 207, 33	Kalyan	Khadavali	Phalegaon
		Ushid	63/1, 12, 105/1, 105/2, 105/3, 106/3, 106/4, 31	Kalyan	Khadavali	Phalegaon
2.	Name of the User Agency	Abhishek Mohan, Gail (India) Limited, Nagpur				
3.	Date of Site Inspection	08/07/2022				
4.	Extent (Ha.) and legal status of forest land proposed for diversion	1.2728 Ha. Reserved Forest, Protected Forest And Private Forest				
5.	a) Details of forest land proposed for diversion and activity-wise break up for forest land.	Details enclosed in Area Statement on Page No.....				
	b) Density of the forest	Below 0.4				
6.	Whether the requirement of forest land as proposed by the User agency COL 2 of Part – I is unavoidable and barest – minimum for the project if no recommended area item wise with details of a alternations examined.	Yes, required forest land is unavoidable & barest minimum.				
7.	Whether the proposal involves any construction of building (including residential) or not? If yes, details thereof	No.				
8.	a) Whether forest area proposed for diversion is important for wildlife point of view or not	Thick densely forested areas are important with respect to wildlife point of view.				

	b) Details of any rare or endangered or unique species of flora & fauna found in proposed forest land. If so, the details thereof.	No.
	c) Aerial distance from the nearest boundary of any Protected Area (Km)	Aerial distance from Boundary of "Tansa Wildlife Sanctuary" is 9.980 km from nearest forest area at Village Ushid which is proposed for diversion.
	d) Remarks about sensitivity of the forest area likely to be affected due to project.	No.
	e) Whether wildlife mitigation plan is required? if, yes, reason therefore	No.
9.	Details of vegetation	
	a) Total number of trees to be felled:	65
	b) Number of trees to be felled of girth below 60 cm:	47
	c) Number of trees to be felled of girth above 60 cm:	18
	d) Effect of removal of trees on the general ecosystem in the area	Nil
10.	Background note on the proposal (Short Summary)	Project Summary attached on Page No.
11.	Whether the proposal involves violation of forest (Conservation) Act 1980? If yes, a detailed report on violation including action taken against the concerned officials to be attached.	No.
12.	Whether the proposal involves rehabilitation of displaced person. If yes, whether rehabilitation plan has been approved by the State Government?	No.
13.	Details on catchments and cultivable command area under the project (if applicable)	Nil
	Status of catchments area treatment plan to prevent siltation of reservoir (if applicable)	Nil
14.	Utility of the project	Supply of Natural Gas used variety of applications such as feed stock in fertilizer Petrochemical industry

		as fuel in power generation, manufacturing steel, textile, ceramic, glass and other industrial products.
15.	Whether Land being diverted has any socio-cultural / religious values? Whether any sacred grove or very old growth trees / forests exist in the areas proposed for diversion	No.
16	Any other important information related to the project (Separate note may be attached, if required)	No.
17.	Details of documents and photographs enclosed.	No. of 2 Photographs is enclosed.
18.	Recommendations of the Inspecting Officer (CCF / CF / DCF)	Proposal is recommended for acceptance.

Place: Thane

Date: 15/07/2022



(Santosh Saste)

**Deputy Conservator of Forests
Thane Forest Division, Thane**

Thane Forest Division

Site Inspection of Mumbai Nagpur Pipeline Project (Re-diversion)



JOINT INSPECTION REPORT

A) Details of Inspection

1.	Name of Project	:	Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL).
2.	Date of Inspection	:	08/07/2022
3.	Inspecting Officer	:	
	a) Forest Department	:	Girija Desai Assistant Conservator of Forest (LRP & WL), Thane
	b) Implementing/ Project Agency	:	Suresh Trivedi, Chief Manager (Const.), GAIL (India) Limited, Nagpur
4.	Implementing Agency	:	GAIL (India) Limited, Nagpur
5.	Whether work has been started in violation of Forest Conservation Act 1980, if yes officer from implementing agency will furnish the date of commencement of work done and amount spent.	:	No.
6.	Whether the area forms part and National Park, wildlife sanctuary, Nature reserve biosphere reserve etc.	:	The project area does not exist the part of National Park, wildlife sanctuary, & any monument site, Historical, religious places.
7.	Whether rare and endangered habitats of migratory found or in a heading of them if so, give scientific names	:	No, rare / endangered unique species of flora and fauna are found in the area proposed for diversion.
8.	Whether forest area of a habitats of migratory found or in heading for them if so, give scientific name	:	No
9.	Details of existing forest:	:	
	a) Density	:	Below 0.4
	b) Important species	:	Teak, Ain
10.	Trees expected to be felled	:	65
11.	Other forest produces from the forest involved	:	Nil
12.	Effect of the proposal expected on	:	
	a) fuel wood supply to rural population	:	Nil
	b) Economy & livelihood of tribal & Backward community	:	No
13.	Attempts made to find out alternate	:	Yes. It is unavoidable and barest minimum

non-forest land and its result.	for the project. No any other alternative is available.
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B) INFORMATION RELATED WITH THE FOREST LAND INVOLVED

1.	Legal Status of forest land	:	Reserved Forest, Protected Forest and Private Forest						
2.	Location								
	A) Circle	:	Thane						
	B) Division	:	Thane						
	C) Range, Round, Beat, Village, Survey No.		Village	S.No. /G.No.	Range	Round	Beat		
			Titawala	247	Kalyan	Kunda	Mhaskal		
			Runde	88, 87	Kalyan	Khadavali	Phalegaon		
			Nadgaon	96, 92/1, 69 pt., 75, 78, 69pt.	Kalyan	Khadavali	Khadavali		
		Phalegaon	232, 206/4, 206/5, 206/6, 206/7, 207, 33	Kalyan	Khadavali	Phalegaon			
	Ushid	63/1, 12, 105/1, 105/2, 105/3, 106/3, 106/4, 31	Kalyan	Khadavali	Phalegaon				
3.	Boundaries on 4 sides	:							
Name of Division	Name of Range	Name of Village	Details of Forest Land Required			Four Boundaries			
			S.No	Area (Ha)	Legal Status	North	East	South	West
Thane	Kalyan	Titwala	247	0.3343	RF	239	247 pt.	V.B. of Mhaskal	43, 247 pt.
Thane	Kalyan	Runde	88	0.0563	PF	84	88pt.	Kalu River	88 pt.
Thane	Kalyan	Runde	87	0.2256	PF	87 pt.	87 pt.	21, 87 pt.	84
Thane	Kalyan	Nadgaon	96	0.0509	Pvt. Forest	96 pt.	93	96 pt.	99
Thane	Kalyan	Nadgaon	92/1	0.0788	Pvt. Forest	92 pt.	91	91 pt.	93
Thane	Kalyan	Nadgaon	69 pt.	0.0566	PF	69 pt.	75 pt.	69 pt.	91 pt.
Thane	Kalyan	Nadgaon	75	0.0132	Pvt. Forest	75 pt.	76	75 pt.	69 pt.
Thane	Kalyan	Nadgaon	78	0.0510	Pvt. Forest	78	79	78 pt.	76
Thane	Kalyan	Nadgaon	69 pt.	0.0154	PF	69	V.B. of Phalegaon	69 pt.	79
Thane	Kalyan	Phalegaon	232	0.0785	PF	232 pt.	202	232 pt.	V.B. of Nadgaon
Thane	Kalyan	Phalegaon	206/4, 206/5, 206/6, 206/7	0.0830	Pvt. Forest	206 pt.	207	206 pt.	205
Thane	Kalyan	Phalegaon	207	0.0297	PF	207 pt.	208	207 pt.	206
Thane	Kalyan	Phalegaon	33	0.0819	PF	33 pt.	37	33 pt., 26	28
Thane	Kalyan	Ushid	63/1, 63/12	0.0391	Pvt. Forest	63/12, 63/1 pt.	70	63/12, 63/1 pt.	73

Thane	Kalyan	Ushid	105/1, 105/2, 105/3	0.0085	Pvt. Forest	105 pt., 25	25	105/1, 105/2, 105/3	27
Thane	Kalyan	Ushid	106/3, 106/4	0.0440	Pvt. Forest	106 pt.	31	106 pt.	25
Thane	Kalyan	Ushid	31	0.0260	PF	31 pt.	V.B. of Hal	31 pt.	106/4
4.	Vulnerability to erosion whether it from seriously eroded area				:	No.			


C) INFORMATION RELETED WITH THE PROJECT AGENCY

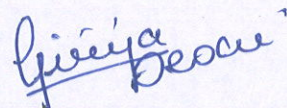
1.	Description of Project	:	Application for obtaining permission for laying 24" Dia Pipeline for Mumbai-Nagpur Alone Reserved / Revenue forest in Right of Way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL) in Thane District falling under your jurisdiction.
2.	Benefit expected	:	
3.	Location	:	Thane
4.	Details of area expected to be used	:	
	a) Non forest area	:	14.2492 Ha.
	b) forest area in Hectors	:	1.2728 Ha.
5.	Unqualified commitment of project official to bear the cost	:	
	a) Exploitation	:	No
	b) Compensatory afforestation	:	Not Applicable.
	c) Net Present Value	:	The project Authority agreed to pay the Cost of Net Present Value.
6.	Availability of non-forest alternative land	:	It is barest minimum and unavoidable.
7.	Any other noteworthy features of the area relevant to proposal	:	NIL

Information furnished in this report is correct according to the data available with the Deputy Conservator of Forest, Thane Forest Division, and the Project Agency.

Place: Thane

Date: 08/07/2022


Suresh Trivedi
Chief Manager (Const.),
GAIL (India) Limited


(Girija Desai)
Assistant Conservator of Forest (LRP),
Thane

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**
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Certificate No. 18

C E R T I F I C A T E

**(Certificate of Dy. Conservator of Forest regarding proposal of Eco-tourism
scrutinized vide GOM order No. WLP-1002.c.r.53/F-1/dated 20.02.2008)**

NOT APPLICABLE.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 19

C E R T I F I C A T E

(Compensatory Afforestation scheme prepared by Deputy Conservator of Forest)

This is to certify that the proposed project of laying of Natural Gas from Mumbai to Nagpur is Re-diversion proposal. Hence, **Not Applicable** as per MoEF (FC Division) Guidelines F.No. 8-66/2009-FC-pt dated 30/09/2011.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 20


C E R T I F I C A T E

**(Medicinal plantation /road side/canal side plantation scheme prepared by
PA/DCF whether the proposed area is diverted for wind power / transmission
line and other linear proposals)**

This is certify that, Medicinal Plantation Scheme is prepared by Project
authority and enclosed in Page No. to

Place:- Thane.

Date:- 15/07/2022.


(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 21

C E R T I F I C A T E

(Cost Benefit Analysis)

This is to certify that the Cost Benefit Analysis is required for all categories of proposals involving forest land upto 20 ha. in Plains and 5 ha. in hills. As, the proposed project requires area 1.2728 ha. i.e less than 20 ha. in Plains and 5 ha. in hills. Hence, Cost Benefit Analysis not required.

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 22

C E R T I F I C A T E

(Item wise break up of forest and non forest area required category wise)

Complete list of Forest and Non Forest area of project is attached on Page
No. to .

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 23

C E R T I F I C A T E

(List of the identified forest from the Deputy Conservator of Forests)

Complete list of Identified Forest of Thane District is attached with other
Documents on Page No. to .

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 24

C E R T I F I C A T E

(Certificate of Trees species wise / girth wise, with local and scientific name to be
given. If felling of trees is essential? The estimate of tree felling to be enclosed.
As per GOI letter no. 7-1/89/(For)/Part-VIII/2012-BHO/848, dt.18/05/2012.)

This is to certify that the proposed project is a Re-diversion project. Hence,
Minimum tree cutting and felling is involved in GAIL's DUPL Corridor (List
Enclosed) and No cutting and felling of trees involved in Samruddhi Mahamarg
Corridor. Hence, 65 trees coming into forest land to be diverted.

Detail Report of Nos. 65 of trees to be felled – Species wise, Girth wise is
attached at Page No. to .

Place:- Thane.

Date:- 15/07/2022.



(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**

**Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia
Pipeline from Mumbai-Nagpur Along Reserved / Revenue forest in Right
of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) &
Mumbai Manmad Bijwasan Pipeline (MMBPL)
(Thane Forest Division Area 1.2728 Ha.)**

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Certificate No. 25

C E R T I F I C A T E

*Net present value certificate must be counter signed by Chief Conservator of
Forest with eco-class/category to be shown in the certificate of Forest as per the
GOI letter F.No.5-3/2007/FC, Dt 05/02/2009.*

Statement Showing the Net Present Value of Forest land 1.2728 Ha. required for **Mumbai-Nagpur Pipeline Project (Re-diversion) : laying 24" Dia Pipeline** from Mumbai-Nagpur Along Reserved / Revenue forest in Right of way / Use of Samruddhi Expressway, Dahej-Uran Pipeline (DUPL) & Mumbai Manmad Bijwasan Pipeline (MMBPL) (Thane Forest Division Area 1.2728 Ha.)

The Calculation of Net Present Value is done in accordance with the judgment given on Dated 28/03/2008 by the Hon'ble Supreme Court of India in Writ Petition No. (Civil) No. 202 of 1996 and Revised rates of Net Present Value (NPV) as per Govt. of India vide Order No. 5-3/2011-FC (Vol-I) Dated 06/01/2022.

Sr. No.	Village	S.No.	Area in ha.	Legal Status	Eco-Value Class	Density	Rate Per Ha. in Rs.	Total Amount in Rs.
1	2	3	4	5	6	7	8	9.00
1	Titwala	247	0.3343	RF	I	Below 0.4	1116900	373379.67

2	Runde	88	0.0563	PF	I	Below 0.4	1116900	62881.47
3	Runde	87	0.2256	PF	I	Below 0.4	1116900	251972.64
4	Nadgaon	96	0.0509	Pvt. Forest	I	Below 0.4	1116900	56850.21
5	Nadgaon	92/1	0.0788	Pvt. Forest	I	Below 0.4	1116900	88011.72
6	Nadgaon	69 pt.	0.0566	PF	I	Below 0.4	1116900	63216.54
7	Nadgaon	75	0.0132	Pvt. Forest	I	Below 0.4	1116900	14743.08
8	Nadgaon	78	0.0510	Pvt. Forest	I	Below 0.4	1116900	56961.90
9	Nadgaon	69 pt.	0.0154	PF	I	Below 0.4	1116900	17200.26
10	Phalegaon	232	0.0785	PF	I	Below 0.4	1116900	87676.65
11	Phalegaon	206/4, 206/5, 206/6, 206/7	0.0830	Pvt. Forest	I	Below 0.4	1116900	92702.70
12	Phalegaon	207	0.0297	PF	I	Below 0.4	1116900	33171.93
13	Phalegaon	33	0.0819	PF	I	Below 0.4	1116900	91474.11
14	Ushid	63/1, 63/12	0.0391	Pvt. Forest	I	Below 0.4	1116900	43670.79
15	Ushid	105/1, 105/2, 105/3	0.0085	Pvt. Forest	I	Below 0.4	1116900	9493.65
16	Ushid	106/3, 106/4	0.0440	Pvt. Forest	I	Below 0.4	1116900	49143.60
17	Ushid	31	0.0260	PF	I	Below 0.5	1116900	29039.40
	Total		1.2728				Total Amount	1421590.32
	Say Amount							1421590.00

Place:- Thane.

Date:- 15/07/2022.

Santosh Saste

(Santosh Saste)

**Deputy Conservator of Forest
Thane Forest Division, Thane.**