

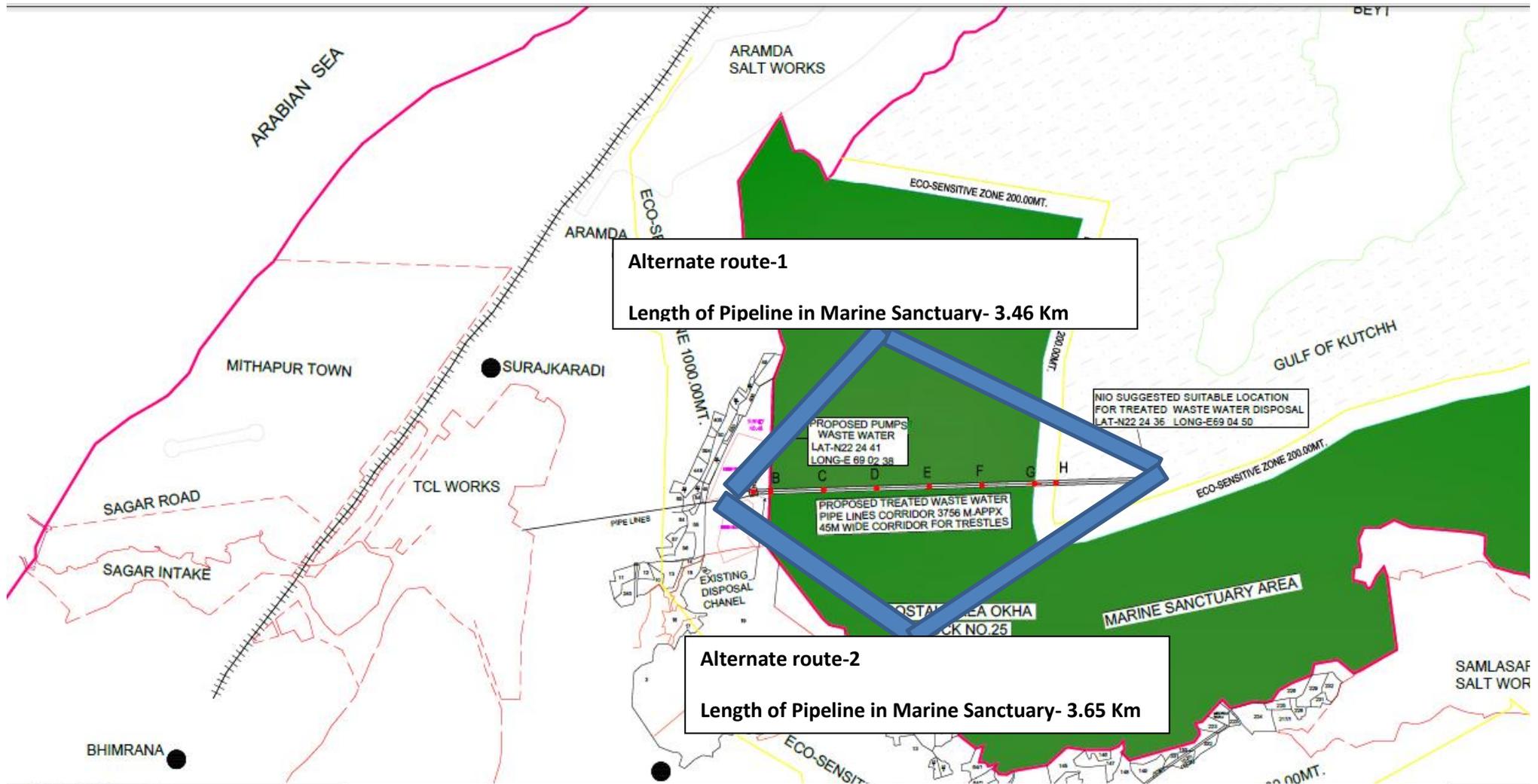
Comparative statement for alternatives shall be submitted.

Response: The proposal is for upgradation of existing effluent management system by disposal of treated waste water through trestle mounted pipelines and diffuser system to Marine outfall point selected by National Institute of Oceanography. Proposed route of treated waste water pipeline system is considered based on least area (11.26 Ha) requirement in notified Marine Sanctuary/ Protected (Section-4) Forest area. Alternative route 1 (Area 15.57 Ha) and route 2 (Area 16.425 Ha) are not considered due to more area requirements in notified marine Sanctuary. Comparative statement showing proposed route and alternate routes are included in Checklist no 35 of the proposal document.

Proposed route: Length in marine sanctuary/ Reserve Forest- 2.504 Km (Area 11.268 Ha)

Alternate route 1: Length in marine sanctuary/ Reserve Forest- 3.46 Km (Area 15.57 Ha)

Alternate route 2: Length in marine sanctuary/ Reserve Forest- 3.65 Km (Area 16.425 Ha)



Alternate route-1
Length of Pipeline in Marine Sanctuary- 3.46 Km

Alternate route-2
Length of Pipeline in Marine Sanctuary- 3.65 Km

Justification: Proposed route is considered based on minimum area requirement in notified Sanctuary. Alternate route-1 and 2 are not considered due to more area requirement in Sanctuary.

The proposal is for Up gradation of effluent management system by disposal of treated waste water through trestle mounted pipelines and diffuser system to Marine outfall point suggested by National Institute of Oceanography