

Section 9: Conclusions



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COCLUSIONS

1. The route corridors for Abr Sinai pipeline examined in this report include unavoidable sections of environmental sensitivity. All resembled in the agricultural areas that shall be penetrated by the pipelines. However, loss of these lands shall be temporary. The lands taken due to establishing the valve rooms are small areas. Good compensation for landowners shall be considered. In areas of intensive mixed agriculture, the refinement of the route location will play a very important role.
2. The pipeline route encounters crossing of main highways; such as *El-Qantara – Port Foad Road*. The technique that shall be used in crossing of main roads is HDD, which is characterised over the traditional ways by being implemented with very little disruption to surface activities, requires less working space, and performed more quickly than open-cut methods.
3. Pipeline route encounters crossing branch canals numbers 1, 3, 5, 7 from El-Sheikh Gaber irrigation canal;. Crossing of these water bodies is of small significant impacts resulting from trenching of the water canal floor for placement of the pipe and laying the pipe on the sea bed. However, the HDD technique that **GASCO** adopted for crossing the main large canal to avoid these impacts.
4. The route follows as much as possible the existing corridors.
5. The major sections of the pipeline route pass within some small sandy hilly areas. However, some areas along the route may require flattening some topographic features and removing small hills. This must not be done drastically.
6. As for the social sensitivities, it was noted that the majority of route sections does not pass through areas of intensive population. Only few scattered houses found in the agricultural areas owned by the owners of the farms. However, the route does not require displacement of houses. It is



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worth mentioning that during the site visit, quick survey was conducted to find out the impression of the residents towards the project. The majority of people have good idea about such projects from their past experience with the previous pipelines works, especially about the compensation for the used cultivated lands. The overall impression of the people towards the project was positive.

7. No protected areas are present along the proposed pipeline route for both LOOP #1 and LOOP # 2
8. The major sections of the pipeline passes through desert areas.10 km from LOOP#1 and 76 KM from LOOP#2 (total 86 KM from total 111 KM)
9. No archaeological features or concerns along the pipeline route.

An overall conclusion is that the pipeline has, almost, no significant impacts to the surrounding environments. GASCO may commence the project taking into consideration the mitigation measures and monitoring plan mentioned in this study.

