

ENVIRONMENTAL AND ECONOMIC CONSIDERATIONS ABOUT SAND EXTRACTION UNAMAR, MUNICIPAL DISTRICT OF CABO FRIO, RJ, BRAZIL.

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The mining in urban areas, when driven without technical approaches it causes depredatory and disordered exploration generating serious conflicts with the environment and constant pressures to finish the activity, so much on the part of the community, as for Government. This way, DRM/RJ in partnership with the Cabo Frio Prefecture executed in the area of Unamar of this municipal district a project of compatibilization among mineral activity and the environment, proposing Guidelines and Norms for the extraction with alternatives to utilise the mining area again. Besides proposing the implement of a Zone of Mineral Production - ZPM, for sand, where will be possible to decrease the conflicts for now presents. It was defined an available reservation for the area of ZPM, about 4,1 million of m³ of sand and it established a Future Potential Reservation of about 33 million of m³ of sand. This way, these studies it had the objective the knowledge of the sand mines (9), the abandoned sand mines, the urban occupation - population around the existent vegetation the hidrography, the agriculture, the main direct and indirect components in the area of the work and its periphery that are attributes to compose the ecosystem of the studied area.