

OFFICE OF THE DEPUTY CONSERVATOR OF FORESTS, WILDLIFE, UDAIPUR

Badi Road, Dewali, Udaipur Post Box No. 161, Phone No. 0294-2453686
Email ID -dcfwludz@gmail.com

IMPACT REPORT UPON IMPLEMENTATION OF THE PROJECT

A proposal on "Geo-Technical Investigation by Drilling of Boreholes (75 Mm Up to 10 Nos.) for Diversion of Surplus Water Of Sabarmati Basin for Filling Jawai Dam" was submitted by Executive Engineer, Jawai Canal Division, Sumerpur, Pali, Rajasthan in 2019. In this proposal, they are planning to divert surplus water of Sabarmati River for filling Jawai Dam, Pali, Rajasthan. According to DFR of the work, four dams namely (1) Wakal dam near Dungariya village, (2) Pameri dam near Dhedmariya village, (3) Sei dam near Buja village and (4) Sabarmati dam near Chak Sandmariya village & Tunnels to be constructed. The Wakal dam axis is coming under Phulwari Ki Naal, Wildlife Sanctuary. For construction of Wakal dam, a Geo-Technical Investigation has to be carry out by Drilling of 10 Nos. Boreholes of diameter 75 mm. For Geo-Technical Investigation, they will use Diamond Drilling methodology technique in which they will take core samples of rock under 15 meter depth from the surface. For the drilling purpose, they will use hydraulic machine of 10-15 hp engine, JCB machines, tractors, tripod etc.

In the process of Drilling of these 10 Nos. of Boreholes of 75 mm diameter heavy machinery is to be used inside the sanctuary area. There is a possibility that some tress in the nearby area may get damaged/felled in the drilling process as well as in the transportation of machinery. In addition to that machinery, it will produce loud sound which may disturb wild animals inside the sanctuary. But from the letter No. 3301 dated 28.2.19 from Executive Engineer, Jawai Canal Division, Sumerpur, Pali, Rajasthan it was mentioned that felling of tress is not needed in the transportation of machinery. And sound produce by machinery is about nearly 20db. Henceforth, there will be no major damage to the wildlife habitat of the sanctuary.

(Dr. Ajit Uchoi)

Deputy Conservator of Forests
Wildlife, Udaipur