

Title : A STUDY ON EXCRETA AND SEWAGE FROM HOUSE BOAT COMMUNITY  
INTO NAN RIVER

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The purposes of this study was to assess the excreta, sawage and solid waste discharged into the Nan River from house-boat community at Uttaradit, Phitsanulok, Pichit, and Nakorn-Sawan province

The study had been conducted during March 1997 to May 1997 in two steps; first, collected data concerning the amount of existing house-boats and its population of each province from municipal census record departments; second, investigated the actual amount of the house-boats and it population in the field. Percentage and mathematic computation had been employed in preference with World Health Organization standard.

The result revealed that there were only two house-boat communities at Phitsanulok and Nakorn-Sawan provinces. There were 259 house-boats at Phitsanulok with 1,029 population whereas 101 house-boats at Nakorn-Sawan with 425 population. Ninety-five percents of the house-boat people at Phitsanulok discharged their excreta directly into Nan River, while sawage and solid waste were discharged 50.31 %. One hundred percents of the excreta, sawage, and solid waste were discharged directly into Nan River by Nakorn-Sawan house-boat community.

Approximately 826,800 - 1,752,500 g/day excreta, 104,049 - 206,949 l/day sawage, and 305,960 g/day solid waste were directly discharged into Nan River by house-boat community in Phitsanulok whereas 340,000 - 1,275,000 g/day excreta, 42,500 - 85,000 l/day sawage, and 125,800 g/day solid waste were directly discharged by Nakorn-Sawan house-boat community.