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ASSESSING THE ENVIRONMENTAL PROTECTION STATUS OF PIG FARMING ACTIVITIES IN BAU BANG DISTRICT, BINH DUONG PROVINCE, VIETNAM

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ABSTRACT

Binh Duong is a dynamically developing province with an average GDP growth rate of 13% per year. The economic structure has changed positively, the industry and services have grown quickly and accounted for a high proportion. In 2015, the rate of industry - construction 62.9%, services 33.7%, agriculture and forestry 3.4%. However, in the context of rapid industrialization and modernization, there has been a lot of great pressure on the environment, in which the inspection and supervision of wastewater discharged into the natural environment has become increasingly urgent.

Over the past years, provincial leaders and department leaders have also paid attention to directing the implementation of projects to control large-scale wastewater discharges such as investment projects on automatic wastewater monitoring system for industrial zones and large sources of wastes in Binh Duong province, with the total amount of wastewater to be monitored about 200,000 m³.day⁻¹, Ba Bo's canal restoration project, etc. In addition, in 2015 the Binh Duong Environmental Protection Agency – Binh Duong Department of Natural Resources and Environment has conducted survey and monitoring 73 wastewater sources with the capacity from 30 m³.day⁻¹ to 1,100 m³.day⁻¹ with the total volume of wastewater monitoring was about 19,618 m³.day⁻¹. It has been used to environmental fee for industrial wastewater and update data in management system. Besides the wastewater from industrial activities, the livestock enterprises in the province also discharge a large of wastewater that needs to be controlled. And Bau Bang is a district located in the northern part of Binh Duong Province, along with Phu Giao and Bac Tan Uyen. Bau Bang is one of the three large scale livestock districts of Binh Duong Province and is included in the provincial livestock planning by 2020. With the livestock sector, as one of the highest polluting sectors, it requires the people as well as local authorities to take appropriate measures and directions to combine economic development with conservation. about environment.

The study focused on the current state of management of livestock environment of the local government, the management and remedy of environmental problems of livestock households in Bau Bang district on air, wastes and wastewater in recently. It also will help to recognize the problems in the management as well as the environmental protection of livestock producers in this area.

Key words: livestock, pig farming, wastewater, environment quality, environmental management.