

UNIVERSITI TEKNOLOGI MARA

**THE ENVIRONMENTAL IMPACT OF INDUSTRIAL
WASTE ON SHOPHOUSES. CASE STUDY OF TAMAN
SRI MUTIARA, BATU PAHAT**

NASYUHA AZWA BINTI YUSHAIMI

DIPLOMA IN TOWN & REGIONAL PLANNING

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AUTHOR'S DECLARATION

I declare that the work in this Planning Project Paper was carried out following the regulations of Universiti Teknologi MARA. It is original and results from my work unless otherwise indicated or acknowledged as referenced work. This project paper has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

As a result of this, I acknowledge that I have been supplied with the Academic Rules and Regulations for Undergraduate, Universiti Teknologi MARA, regulating my study and research conduct.

Name of Student : Nasyuha Azwa Binti Yushaimi

Student I.D. No. : 2018656234

Programme : Diploma Town And Regional Planning

Faculty : Department of Built Environment and Technology

Title : The Environmental Impact of Industrial Waste on Shophouse. Case study of Taman Sri Mutiara, Batu Pahat.

Signature of Student : 

Date : 2 August 2021

ABSTRACT

The environmental effect from industry shop houses in residential areas has contributed to rising inequality by increasing the number of the impact health life from residents, which is cancer, asthma, nausea and vomiting, and others. A study has been conducted on effect is increased nausea and vomiting. The study was focused to a few issues and problems related to air pollution from plastic factory and plastic factory waste disposal. Some objectives were provided to achieve aim of this study which included to identify the impact of the environment due to the industry on shophouse in a residential area, to investigate the procedure to dispose of solid waste in a factory and to propose a solution to the current environmental impact due to industry activities on shop house. The methods that used that include questionnaire survey such as a Google Form to decompose the increase in the environmental effect during the operation of an industry shop house in a residential area and observation survey. The findings show that there are four (4) factors that contribute to the effects of industrial shop houses on the environment based on the 40 respondents that randomly selected that included industrial waste disposal management, industrial waste that cause pollution problems, health problems impacted by industrial solid waste and pollution from industry. In the end of this research, some recommendations were recommended that which is buffer zone in industry area, solid waste management should follow the guidelines and eco-efficiency for green industry. This finding indicates that the effect of the environment on the health of residents and industrial waste during the operation of the industry can be explained by analysis, and it has shown where in this suggestion to solve the environmental effect.

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