

**THESIS**

**FIQH ECOLOGY ANALYSIS OF WASTE PRODUCTION  
MANAGEMENT AT NJ TOFU FACTORY BANDUNG**



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**FACULTY OF SHARIA**

**UNIVERSITY OF DARUSSALAM GONTOR**

**2025 /1446**

**FIQH ECOLOGY ANALYSIS OF WASTE PRODUCTION  
MANAGEMENT AT NJ TOFU FACTORY, BANDUNG**

**THESIS**

Submitted to the University of Darussalam Gontor in Partial Fulfilment of  
Requirements for Bachelor Degree (S1) In the Department of Islamic Economic  
Law, Faculty of Sharia University of Darussalam Gontor

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**2025/1446**



**ABSTRACT**  
**Fiqh Ecology Analysis of Waste Production Management At NJ Tofu Factory**  
**Bandung**

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The tofu industry produced significant waste that has the significant risk to pollute the environment without a proper handled. As a culinary city that has various types of tofu, Bandung certainly has the potential to be polluted by the tofu industry. So, it is necessary to optimise the waste management. The purpose of this research is to find out how the waste management process carried out by the NJ Bandung Tofu Factory, and how waste management is based on environmental fiqh principles. This research uses a qualitative approach with descriptive research type. Data collection techniques through interviews conducted to the tofu manager at the NJ Bandung tofu factory. The results of the research conducted by researchers show that there are several aspects that have not been carried out optimally, namely in the management of liquid waste discharged directly into waterways which is very likely to cause water pollution that damages the underwater ecosystem and can even be a source of disease for humans and other living things. Based on the results of the study, researchers hope that waste management can be carried out optimally and consistently. Business actors are also expected to provide socialisation to local residents so that all levels of society play an important role in preserving the environment.

***Keywords: Fiqh Ecology, Waste Management, Tofu Waste Production***

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**ABSTRAK**  
**Analisis Fiqh Lingkungan Terhadap Pengelolaan Limbah Pada Pabrik Tahu**  
**NJ Bandung**

**Rizki Dwi Rahayu**

**422021323120**

Industri tahu menghasilkan limbah yang sangat berpotensi mencemari lingkungan jika dalam penanganannya tidak dilakukan dengan benar. Sebagai kota kuliner yang memiliki berbagai macam jenis tahu, Bandung tentu sangat berpotensi terkena pencemaran akibat industri tahu ini. Sehingga, perlu dilakukan pengoptimalisasian terhadap pengelolaan limbahnya. Tujuan penelitian ini adalah untuk mengetahui bagaimana proses pengelolaan limbah yang dilakukan oleh Pabrik Tahu NJ Bandung, dan bagaimana pengelolaan limbah berdasarkan prinsip fiqh lingkungan. Penelitian ini menggunakan pendekatan kualitatif dengan jenis penelitian deskriptif. Teknik pengumpulan data melalui wawancara yang dilakukan kepada pihak pengelola tahu di pabrik tahu NJ Bandung. Hasil dari penelitian yang telah dilakukan oleh peneliti menunjukkan bahwa ada beberapa aspek yang belum dilakukan secara maksimal yaitu pada pengelolaan limbah cair yang dibuang langsung ke saluran air yang sangat memungkinkan untuk terjadinya pencemaran air yang merusak ekosistem di bawah air bahkan dapat menjadi sumber penyakit bagi manusia dan makhluk hidup lainnya. Berdasarkan hasil penelitian, peneliti berharap bahwa pengelolaan limbah dapat dilakukan secara maksimal dan konsisten. Pelaku usaha juga diharapkan dapat memberi sosialisasi kepada warga sekitar sehingga seluruh lapisan masyarakat berperan penting dalam melestarikan lingkungan.

***Kata Kunci : Fiqh Lingkungan, Pengelolaan Limbah, Limbah Tahu***

**DECLARATION**

I, hereby,

Name : Rizki Dwi Rahayu  
Registered Number : 422021323120  
Faculty : Sharia  
Department : Islamic Economic Law  
Title : Fiqh Ecology Analysis of Waste Production Management  
At NJ Tofu Factory Bandung

I sincerely declare that this thesis belongs to my work and not to other researchers for a different degree. Furthermore, this thesis is never published before, except for some parts with their original references.

Otherwise, if it is found that this thesis is plagiarism, I am ready to be ceased academically.

UNIDA, Rajab 11<sup>th</sup>, 1446 H

January 11<sup>th</sup>, 2025 M

**Researcher,**



Rizki Dwi Rahayu  
NIM 422021323120

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**SUPERVISOR DECISION LETTER**

Honourable to  
Dean of Sharia Faculty  
University of Darussalam Gontor  
*Bismillahirrahmanirrahim*  
*Assalamua'alaikum Warahmatullah Wabaraktuh*

I present this thesis written by

Name : Rizki Dwi Rahayu  
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Title : Fiqh Ecology Analysis of Production Waste  
Management At NJ Tofu Factory Bandung

It has been processed and corrected to meet the practical requirement to obtain the Bachelor's Degree (S1) in the Islamic Economic Law Department, Sharia Faculty University of Darussalam Gontor. Therefore, we hope this thesis could be examined.

Hopefully, this thesis will be useful for religion, nation, and the development of an educational institution

*Wassalamu'alaikum Warahmatullahi Wabaraktuh*

UNIDA, Rajab 12<sup>th</sup>, 1446 H

January 12<sup>th</sup>, 2025 M

Supervisor,



Mohammad Syifa urrosyidin, S.E.I., M.Pd

NID.....

### DECISION OF THE TEAM

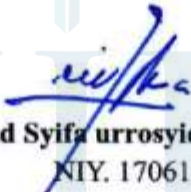
The committee of the thesis examination in partial fulfilment of the requirements for the degree of Licentiate in Islamic Education in the Faculty of Sharia, University of Darussalam Gontor, Indonesia, declared that the thesis written by:

Name : Rizki Dwi Rahayu  
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Management At NJ Tofu Factory, Bandung

Has been examined by the board of examiners of the Bachelor's Degree (S1) on Department of Islamic Economic Law Faculty of Sharia University of Darussalam Gontor on 25<sup>th</sup> January 2025

The board of examiners has decided to grant him/her pass in the thesis examination. Hence, he/she is eligible to be awarded the degree of Licentiate in Islamic Economic Law in the Faculty of Sharia.

Board Examiner  
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1<sup>st</sup> Examiner



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THESIS ACCEPTANCE LETTER

*Bismillahirrahmanirrahim*

*Assalamu'alaikum wr. wb.*

The Faculty of Sharia, University of Darussalam Gontor, Ponorogo Indonesia has received a thesis written by:

Name : Rizki Dwi Rahayu  
Reg. Number : 422021323120  
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Management At NJ Tofu Factory, Bandung


In partial fulfillment of the requirement for the degree of Licentiate in Islamic Economic Law in the Faculty of Sharia, academic year 1445-1446/2024-2025.

*Wassalamu'alaikum wr. wb*

UNIDA, Sya'ban 24<sup>th</sup>, 1446 H

February 24<sup>th</sup>, 2025 M

Dean of Sharia Faculty



Assoc. Prof. Dr. Imam Kamaluddin, Lc., M.Hum.  
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## MOTTOES

وَإِذْ قَالَ رَبُّكَ لِلْمَلٰٓئِكَةِ اِنِّىْ جَاعِلٌ فِى الْاَرْضِ خَلِیْفَةًۭۙ قَالُوْۤا اَتَجْعَلُ فِیْهَا مَنْ یُّفْسِدُ فِیْهَا

وِیْسِفُ الدِّمَآءَ وَنَحْنُ نُسَبِّحُ بِحَمْدِكَ وَنُقَدِّسُ لَكَۙ قَالَ اِنِّىْۤ اَعْلَمُ مَا لَا تَعْلَمُوْنَ

(Remember) when your Lord said to the angels, ‘I want to make a caliph on earth.’ They said, ‘Do you intend to make therein one who will destroy and shed blood, while we praise you and sanctify your name?’ He said, ‘I know what you do not know.’

(Q.S Al-Baqarah: 30)

ظَهَرَ الْفَسَادُ فِى الْبَرِّ وَالبَحْرِۚ بِمَا كَسَبَتْ اَیْدِى النَّاسِ لِیَذِیْقَهُمْۙ بَعْضَ الَّذِیْ عَمِلُوْۤا لَعَلَّهُمْ

یَرْجِعُوْنَ

There is destruction on land and in the sea due to the actions of men. (Allah has made them taste some of the consequences of their deeds so that they may return to the right path.

(Q.S Ar-Rum: 41)

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## ACKNOWLEDGMENTS

All praise be to Allah Subhanahu wa Ta'ala, Lord of all the worlds, the Most Gracious, the Most Merciful, who has bestowed life with all its blessings. May peace and blessings also be upon the Prophet Muhammad Shallallahu 'Alaihi wa Sallam, for the teachings he has brought and for being a *uswah hasanah* (noble example) for us, his followers.

The researcher fully acknowledges that this research would not have been possible without the help, guidance, direction, motivation, and contributions. Therefore, with immense gratitude and humility, the researcher intends to extend the highest appreciation and deepest thanks to:

1. The President of Darussalam Gontor Modern Islamic Institution, K.H. Hasan Abdullah Sahal, Prof. Dr. K.H. Amal Fathullah Zarkasyi, M.A., and Drs. K.H. M. Akrim Mariyat, Dipl.A.Ed. have allowed the researcher to study and grow better at the University of Darussalam Gontor.
2. The Rectors of University of Darussalam Gontor, Prof. Dr. K.H. Hamid Fahmy Zarkasyi, M.Ed., M.Phil., Dr. H. Abdul Hafidz Zaid, M.A., Dr. Setiawan bin Lahuri, M.A., Dr. Khoirul Umam, M.Ec., and Royyan Ramdhani Djayusman, Ph.D.
3. Al-Ustadz Assoc.Prof Dr. Imam Kamaluddin, Lc. M.Hum. As Dean of the Faculty of Sharia of Darussalam Gontor University.
4. The Head of Departement of Islamic Economic Law Faculty of Sharia Muhammad Abdul Aziz, S.H.I., M.Si
5. Al-Ustadz Supervisor Mohammad Syifa urrosyidin S.E.I., M.Pd who has provided extraordinary direction, guidance, and support during the process of preparing this thesis. Thank you for your patience, attention, and knowledge that you have given me.
6. Asatidz or Ustadzat Examiners who have provided constructive input and criticism to improve the quality of this thesis.

7. My Parents and Family, who have always provided prayers, affection, and moral and material support throughout my study journey. Thank you for all the sacrifices and trust that has been given to me.
8. My classmates and friends, thank you for your togetherness, support, and encouragement. Especially to my friends Virtuous GP3, who always accompany and help in every step in the preparation of this thesis.
9. All my Internal Student Council, who have assisted in the administration and provided good service during the process of preparing this thesis.
10. All members of 6Q 2025, who always entertained me when I was bored, being a good listener for all my complaints during my dedication.
11. All the parties that I cannot mention individually, who have provided valuable support and assistance in various forms. I really appreciate the contribution that has been made

Hopefully the kindness and assistance given to me will be repaid appropriately and become a blessing for all of us.

Finally, I realized that thesis is still far from perfect. Therefore, constructive criticism and suggestions are very much expected for the improvement of this work in the future.

Mantingan, January 10, 2025

Researcher



Rizki Dwi Rahayu

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