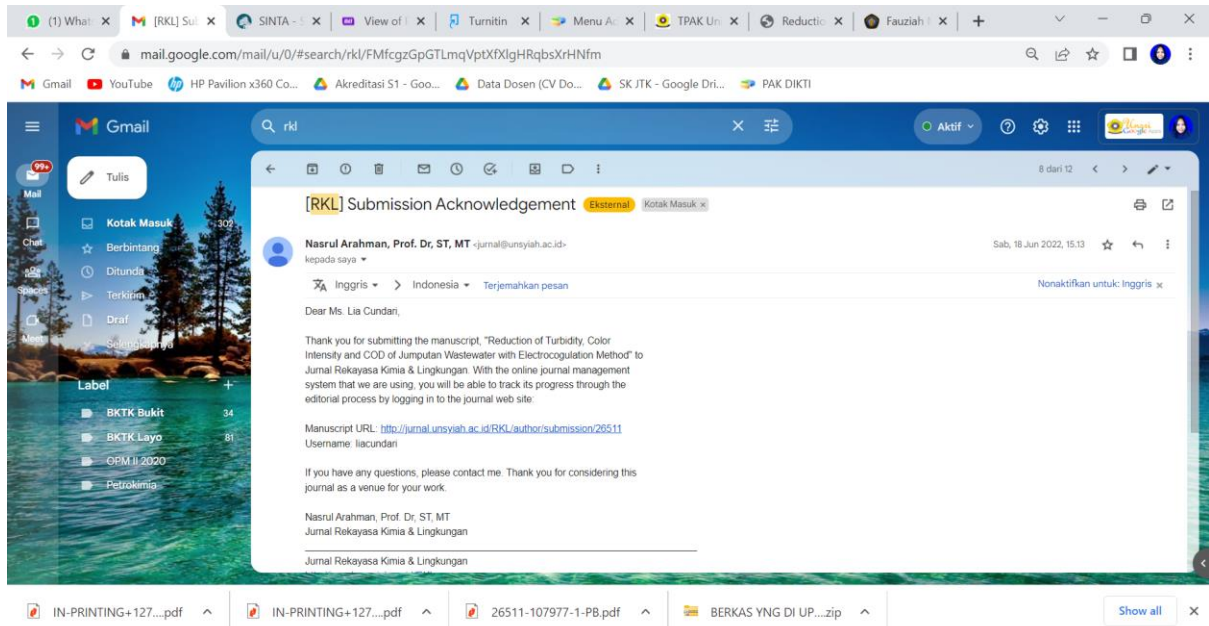
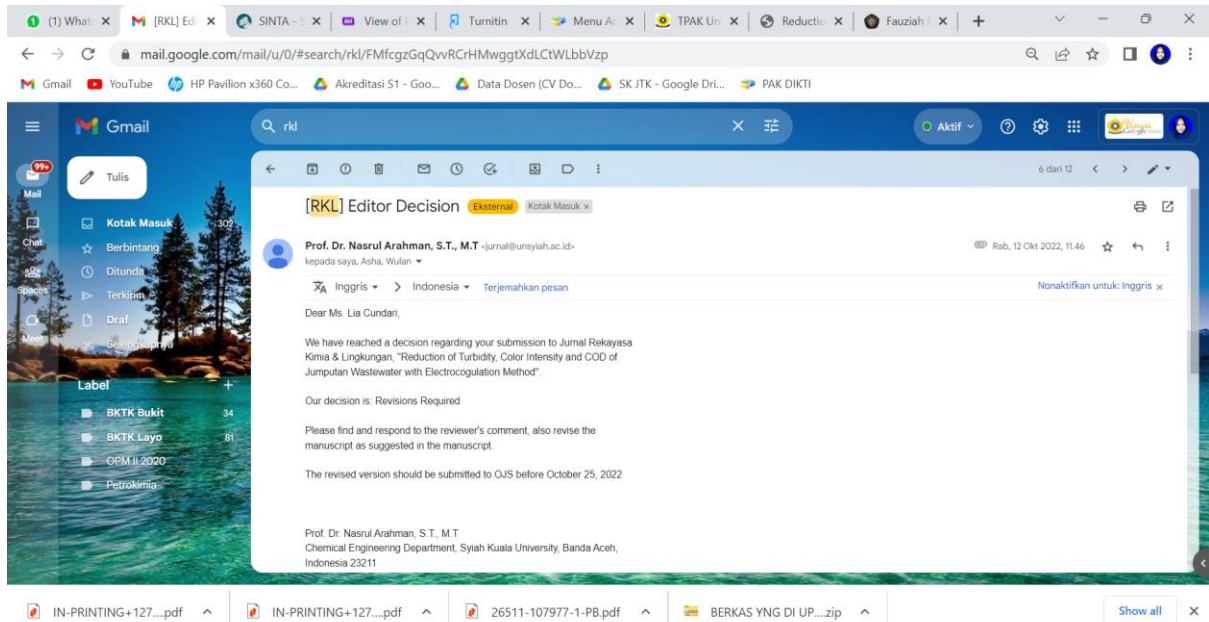


# Bukti Korespondensi

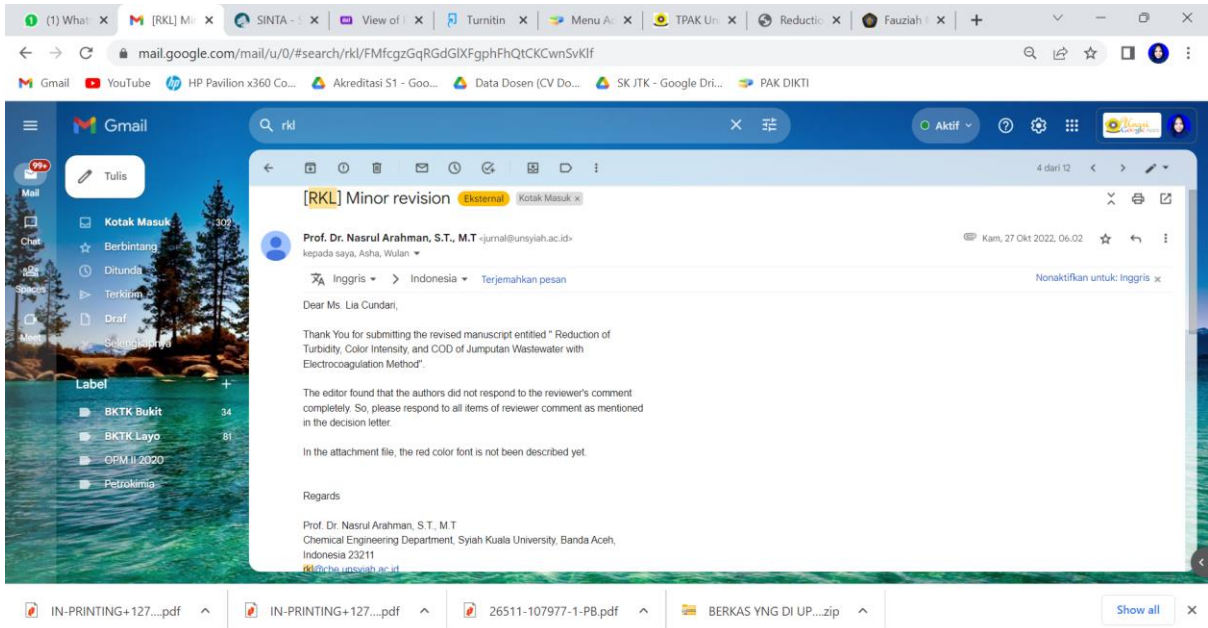
## Artikel Terbit di Jurnal Rekayasa Kimia dan Lingkungan



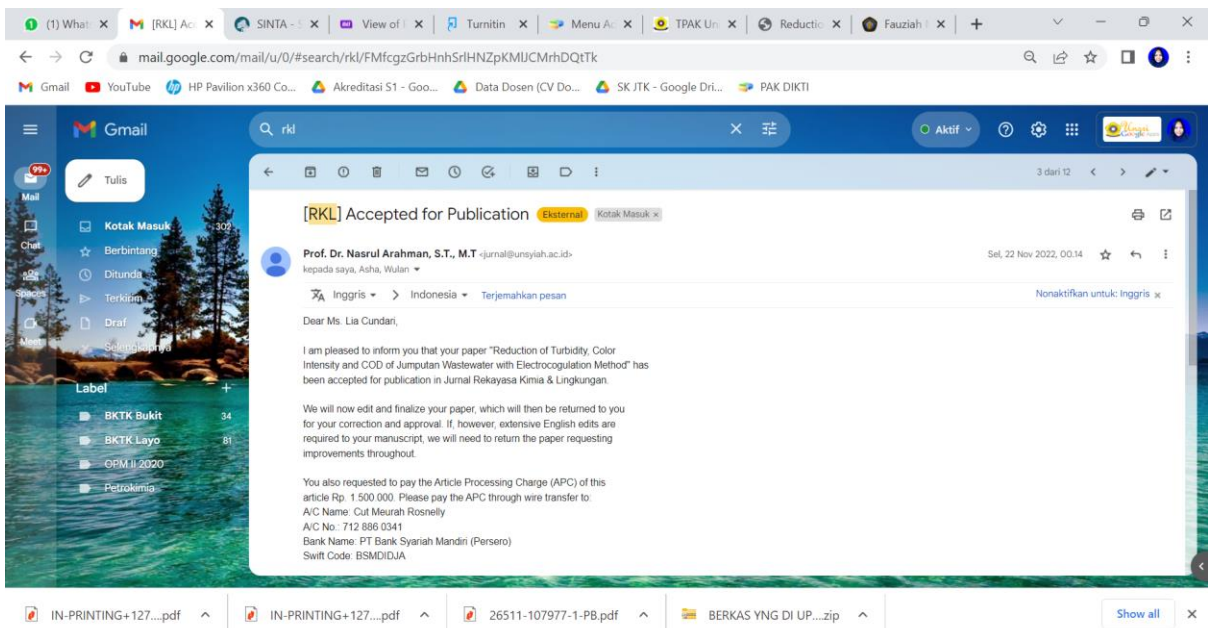
Gambar 1. Submission Acknowledgement



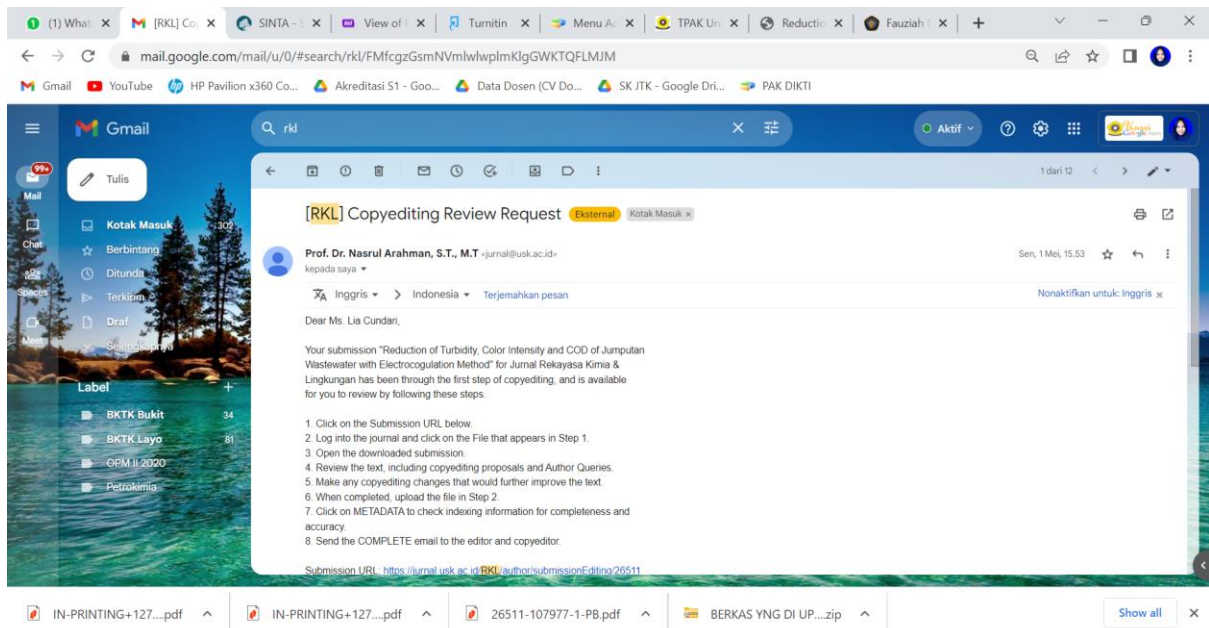
Gambar 2. Editor Decision



Gambar 3. Minor Revision



Gambar 4. Accepted



Gambar 5. Copyediting Review Request

## #26511 SUMMARY

### SUMMARY REVIEW EDITING SUBMISSION

Authors	Asha Aisha Julian, Wulan Ayum Larasati, Lia Cundari
Title	Reduction of Turbidity, Color Intensity and COD of Jumputan Wastewater with Electrocoagulation Method
Original file	<a href="#">26511-86134-1-SM.DOCX</a> 2022-06-18
Supp. files	<a href="#">26511-86135-1-SP.DOCX</a> 2022-06-18
Submitter	Ms. Lia Cundari
Date submitted	June 18, 2022 - 03:13 PM
Section	Articles
Editor	Nasrul Arahman, S.T., M.T
Author comments	Dear editor,

I wish to submit an original research article entitled "**Reduction of Turbidity, Color Intensity and COD of Jumputan Wastewater with Electrocoagulation Method**" for consideration by Jurnal Rekayasa Kimia & Lingkungan.

I confirm that this work is original and has not been published elsewhere, nor is it currently under consideration for publication elsewhere.

Thank you.

Sincerely,

Lia Cundari

Abstract Views 0

### AUTHOR FEES

Article Processing Charge (APC)	Paid December 5, 2022 - 08:34 AM
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### STATUS

Status	Published Vol 18, No 1 (2023): Jurnal Rekayasa Kimia dan Lingkungan (January-June, 2023 )
Initiated	2023-03-23
Last modified	2023-06-09

### SUBMISSION METADATA

#### Authors

Name	Asha Aisha Julian
Affiliation	Universitas Siwijaya
Country	Indonesia
Bio Statement	Chemical Engineering Department
Name	Wulan Ayum Larasati
Affiliation	Universitas Sriwijaya
Country	Indonesia
Bio Statement	Chemical Engineering Department
Name	Lia Cundari
URL	<a href="https://www.scopus.com/redirect.uri?url=https://orcid.org/0000-0001-7603-3333&amp;authorId=57189361417&amp;origin=AuthorProfile&amp;orcid=0000-0001-7603-3333&amp;category=orcidLink">https://www.scopus.com/redirect.uri?url=https://orcid.org/0000-0001-7603-3333&amp;authorId=57189361417&amp;origin=AuthorProfile&amp;orcid=0000-0001-7603-3333&amp;category=orcidLink</a>
Affiliation	Universitas Sriwijaya
Country	Indonesia
Bio Statement	Chemical Engineering Department
Principal contact for editorial correspondence.	



### VISITOR STATS

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## Title and Abstract

Title	Reduction of Turbidity, Color Intensity and COD of Jumputan Wastewater with Electrocoagulation Method
Abstract	The purpose of this study was to determine the effectiveness of the electrocoagulation method in reducing turbidity, color concentration and COD levels on Jumputan wastewater treatment. The electrodes used are aluminum plates as anode and cathode. The variations of the research used were the speed of agitation and the system used (batch and intermittent system). The fixed variable used is a voltage of 3.5 volts, the 2 aluminium electrodes, and 250 ml volume of Jumputan wastewater. The results showed that the maximum turbidity degraded to 99.89% for the batch system at a contact time of 150 minutes with agitation speed of 150 rpm, and 99.97% for intermittent system at a contact time of 60 minutes with agitation speed of 150 rpm. The maximum percentage of color removal reached 58.90% for the batch system at a contact time of 90 minutes with a stirring speed of 50 rpm, and 54.74% for intermittent system at a contact time of 150 minutes with a stirring speed of 150 rpm. The electrocoagulation method could reduce 78.75% of the COD level for the batch system and 80% for the intermittent system. The intermittent system slightly had more effect on the turbidity, color and COD reduction compared to batch system. Both batch and intermittent system got optimum turbidity and color removal on first 30 minutes of electrocoagulation process. The results prove that electrocoagulation method has been effective as an alternative to reduce COD and turbidity on Jumputan wastewater.

## Indexing

Keywords	Aluminium; COD; Color; Electrocoagulation; Jumputan Wastewater; Turbidity
Language	en

## Supporting Agencies

Agencies	Separation and Purification Laboratory, Faculty of Engineering, Universitas Sriwijaya
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## OpenAIRE Specific Metadata

ProjectID	–
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## References

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**PRINCIPAL CONTACT**

Nasrul Arahman, Prof. Dr. S.T., M.T.  
Phone: +62813-6092-7917  
E-mail: rkl@che.unsyiah.ac.id, nasrular@unsyiah.ac.id

**SUPPORT CONTACT**

Mirna Rahmah Lubis  
E-mail: mirna@che.unsyiah.ac.id  
  
Wahyu Rinaldi, ST, M.Sc.  
E-mail: wahyu.rinaldi@che.unsyiah.ac.id

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## #26511 REVIEW

### SUMMARY REVIEW EDITING SUBMISSION

Authors	Asha Aisha Julian, Wulan Ayum Larasati, Lia Cundari
Title	Reduction of Turbidity, Color Intensity and COD of Jumpatan Wastewater with Electrocogulation Method
Section	Articles
Editor	Nasrul Arahman, S.T., M.T

### PEER REVIEW

#### Round 1

Review Version	26511-86136-2-RV.DOCX	2022-06-29
Initiated		2022-06-29
Last modified		2022-10-12
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### EDITOR DECISION

Decision	Accept Submission	2022-11-22
Notify Editor	Editor/Author Email Record	2022-11-22
Editor Version	26511-86750-1-ED.DOCX	2022-06-29
	26511-86750-2-ED.PDF	2022-10-12
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Author Version	26511-94021-1-ED.DOCX	2022-10-25
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## JURNAL REKAYASA KIMIA & LINGKUNGAN

Jurusan Teknik Kimia Universitas Syiah Kuala, Jl. Tgk. Syech Abdur Rauf No.7, Kopelma Darussalam, Banda Aceh, INDONESIA

### PRINCIPAL CONTACT

Nasrul Arahman, Prof. Dr. S.T., M.T.

Phone: +62813-6092-7917

E-mail: rkl@che.unsyiah.ac.id, nasrular@unsyiah.ac.id

### SUPPORT CONTACT

Mirna Rahmah Lubis

E-mail: mirna@che.unsyiah.ac.id

Wahyu Rinaldi, ST, M.Sc.

E-mail: wahyu.rinaldi@che.unsyiah.ac.id

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### #26511 EDITING

[SUMMARY](#) [REVIEW](#) [EDITING](#)  
[SUBMISSION](#)

Authors Asha Aisha Julian, Wulan Ayum Larasati, Lia Cundari

Title Reduction of Turbidity, Color Intensity and COD of Jumptan Wastewater with Electrocogulation

Method

Section Articles

Editor Nasrul Arahman, S.T., M.T.

#### COPYEDITING

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3. Final Copyedit File: None	—	—	2023-05-01
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Copyedit Comments No Comments

#### LAYOUT

Galley Format	FILE		
1. PDF <a href="#">VIEW PROOF</a>	26511-107977-1-PB.PDF	2023-06-09	0

Supplementary Files	FILE		
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Jurusan Teknik Kimia Universitas Syiah Kuala, Jl. Tgk. Syech Abdur Rauf No.7, Kopelma Darussalam, Banda Aceh, INDONESIA

#### PRINCIPAL CONTACT

Nasrul Arahman, Prof. Dr. S.T., M.T.  
Phone: +62813-6092-7917  
E-mail: rkl@che.unsyiah.ac.id, nasrular@unsyiah.ac.id

#### SUPPORT CONTACT

Mirna Rahmah Lubis  
E-mail: mirna@che.unsyiah.ac.id



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Wahyu Rinaldi, ST, M.Sc.  
E-mail: wahyu.rinaldi@che.unsyiah.ac.id

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