



EXECUTIVE SUMMARY

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Introduction

Project Title

Proposed Waste Recovery Facility For SW 204, SW 207 And SW 427 On Lot 4665 (13.21 Acres), Mukim Sabai, Daerah Bentong, Pahang

Project Proponent

Chemie Solution & Recovery Sdn. Bhd.
 No.9-A, (Room 1), Jalan SS 24/8,
 47301 Petaling Jaya, Selangor Darul Ehsan
 Telephone No.: 012-3061775
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 Contact Person: Mr. Isaac Chew

Qualified Person

- Ir. Dr. Lee Aik Heng (ID No. CEP-C0388)
- Raja Rokiah R. Saigon (ID No. CEP-C0381)
- Linda Geh Guat Yeow (ID No. CEP-CS0382)
- Dr. Azfizan Aziz (ID No. CEP-SS0580)

Legislative Requirement

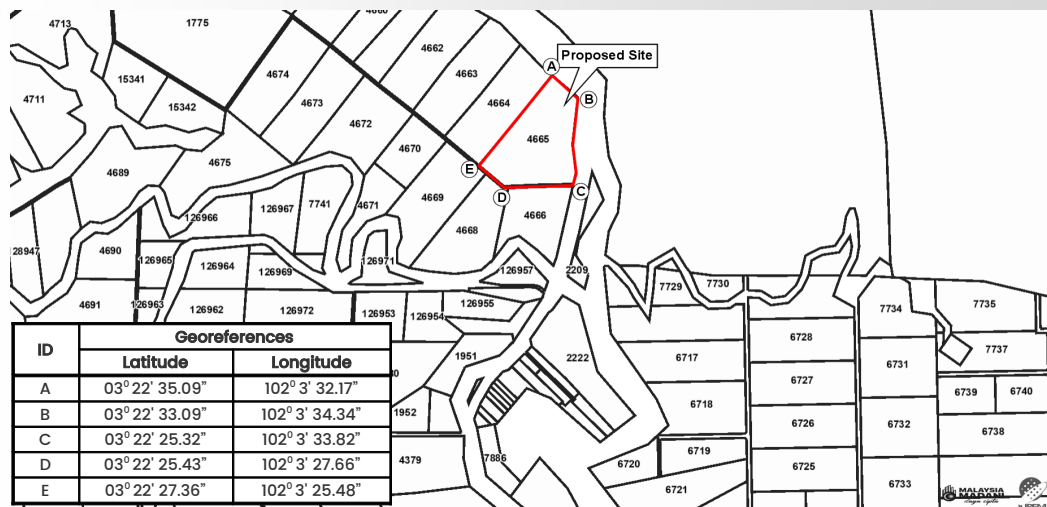
- Prescribed activity under the First Schedule, Activity 14(a)(i): Scheduled Waste - Construction of Recovery Plant (offsite), EIA Order (Environmental Quality (Prescribed Activities) (Environmental Impact Assessment) Order 2015)
- EIA study required and its report approved under Section 34A, Environmental Quality Act 1974 by the DOE prior to the implementation of the Proposed Project

Statement Of Need

- Aims to produce material from scheduled wastes as the country continue to grow towards an industrialized nation.

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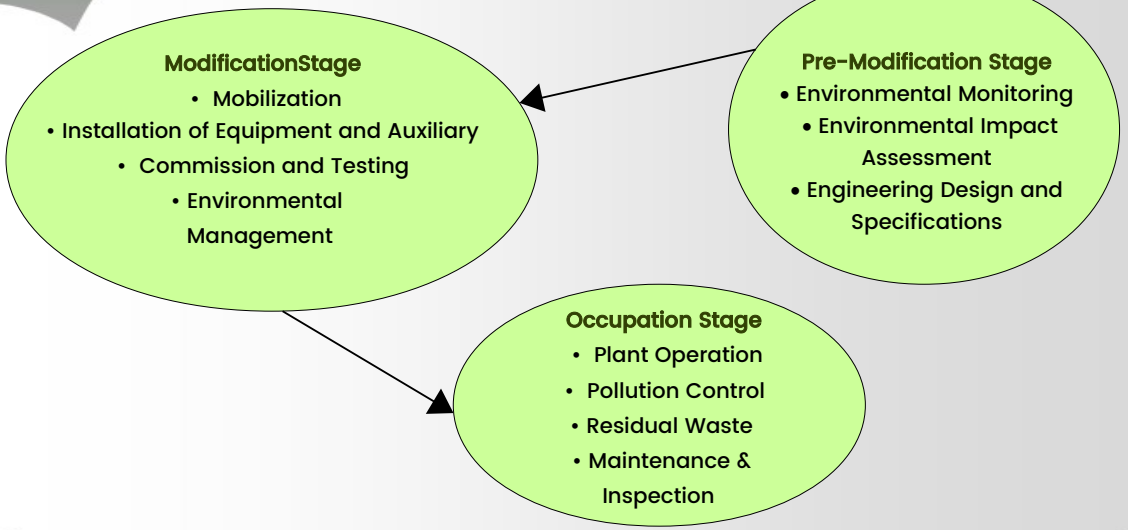
Location





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Project Activities



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Existing Environment



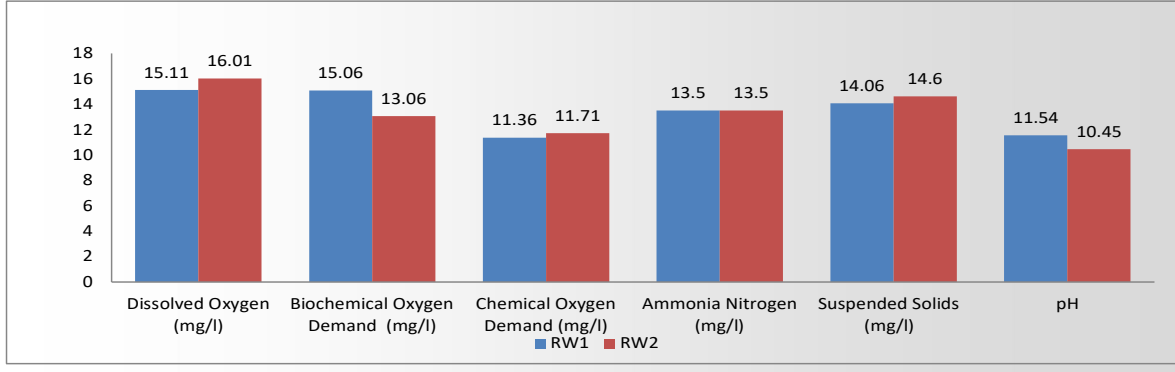


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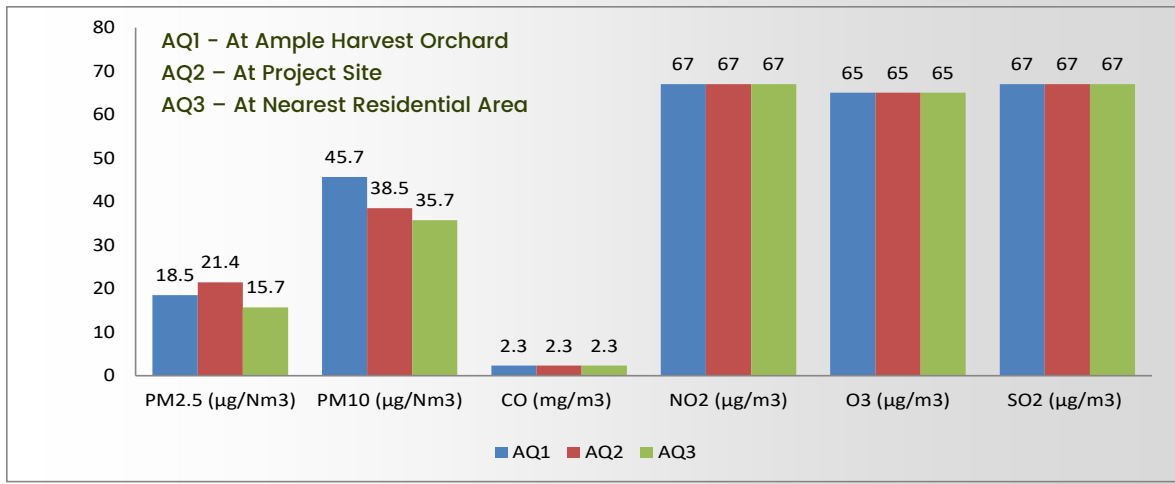
Existing Environment

Water Quality Sub Index

RW1 – At 100 m upstream of point of discharge into Sg. Tele Mung
 RW2 – At 100 m downstream of point of discharge into Sg. Tele Mung

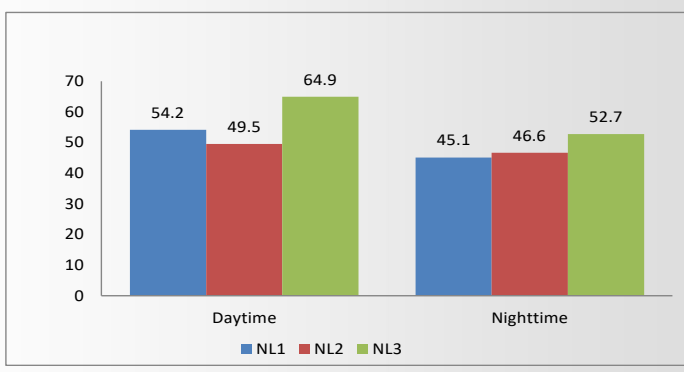


Ambient Air Quality



Noise Level

NL1 – At Ample Harvest Orchard
 NL2 – At Project Site
 NL3 – At Nearest Residential Area





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Impact And Mitigation Measures

During Modification And Installation Stage

Impact	Mitigation Measures
<ul style="list-style-type: none">• Noise from modification works;• Safety due to modification works; and• Generation of wastes.	<ul style="list-style-type: none">• Environmental Management Plan to be approved by the DOE;• Written permission under Section 19 and Section 20, EQA to be obtained from DOE prior works at site;• Written notifications for fuel burning equipment, air pollution control system and chimneys to be submitted to DOE;• Monitoring programs which includes both point sampling and ambient sampling throughout the operations of the Proposed Project; and• Emergency Response Plan taking into consideration the processes and wastes stored and handled at site.

During Operation

Impacts	Mitigation Measures
<ul style="list-style-type: none">• Impacts on air quality due to the emissions from the recovery process;• Impacts due to generation of wastes from the Proposed Project;• Impacts on human health and safety such as safety and risks due operation; and• Impacts to groundwater due to spillages and infiltration due to abnormal condition	<ul style="list-style-type: none">• Air emissions will be channeled to the APCS prior to releasing through the stack of adequate height;• Residual scheduled wastes generated from the site will be disposed at the DOE's licensed facility;• Risk assessment conducted showed that the risk for operating the Proposed Project is medium level and confined to the normal operations of any industrial activity operating in the area; and• Adequate bundings to cater for spillage and Emergency Response Plan to be in place to handle abnormal conditions.





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Environmental Monitoring

Proposed Performance Monitoring At Modification Stage

Drainage	50 mg/l for TSS <250 NTU for turbidity
Dust	Ambient air quality guidelines
Erosion	50 mg/l for TSS <250 NTU for turbidity
Air quality	Ambient air quality guidelines
Spills	Environmental Quality (Scheduled Wastes) Regulations 2005
Litter on and off-site	Local Government Act

Proposed Compliance Monitoring Program At Modification Stage

Air Quality	PM ₁₀ - 100 ug/Nm ³ PM _{2.5} - 35 ug/Nm ³
Noise	Daytime: 75 dB L _{Aeq} Nighttime: 75 dB L _{Aeq}
Water Quality	Baseline and NWQS

Proposed Impact Monitoring Program At Modification Stage

Air Quality	PM ₁₀ - 100 ug/Nm ³ PM _{2.5} - 35 ug/Nm ³
Noise	Daytime: 75 dB L _{Aeq} Nighttime: 75 dB L _{Aeq}
Water Quality	National Water Quality Standards

Proposed Performance Monitoring At Operation Stage

All Equipment	As per catalog
IETS	As per written notification
APCS	As per written notification

Proposed Compliance Monitoring Program At Operation Stage

Stack Emission	Environmental Quality (Clean Air) Regulations 2014
Noise	Daytime < 75 dB L _{Aeq} Nighttime < 75 dB L _{Aeq}
Scheduled Waste	Environmental Quality (Scheduled Waste) Regulation 2005
Abnormal Conditions	Activate Emergency Response Plan

Proposed Impact Monitoring Program At Operation Stage

Ambient Air Quality	PM _{2.5} - 35 ug/m ³ NO ₂ - 280 ug/m ³ PM ₁₀ - 100 ug/m ³ SO ₂ - 250 ug/m ³ CO - 30 mg/m ³ O ₃ - 180 ug/m ³
Noise	Daytime < 75 dB L _{Aeq} Nighttime < 75 dB L _{Aeq}

