



COMPANY PROFILE

**ECOLESTARI CONSULT
SDN BHD**





ABOUT US

Ecolestari Consult Sdn. Bhd. is a dynamic environmental consultancy firm registered with **MOF** offering a niche range of services to both industry and government sectors since **2008**. We are **100% home grown Malaysian company** with in-house expertise and affiliated with key experts in various environmental fields with long proven track record. Our aim is to deliver quality, customised and sustainable environmental solutions to our client.

Our business module is tailored to meet the specific requirements of the client as well as adhere to regulatory requirements, with the most optimal and cost-effective solutions. In addition, we have a pool of partners providing technical supports and turnkey alternatives with a myriad of expertise. As such, ECOLESTARI aims to be your preferred go-to-go environmental service provider.

MISSION

ECOLESTARI aspire to provide our customers with tailor-made environmental solutions that are cost effective, innovative yet pragmatic and results focused solutions for every environmental issue encountered.

VISION

To become the trusted partner for environmental needs and solutions.

OUR PROUD JOURNEY

ECOLESTARI was born out of necessity to serve a single client. The company was incorporated under the Companies Commission of Malaysia (SSM) on **23 July 2008** with a goal to provide niche environmental consultancy services to potential clients for the scope of **environmental monitoring, third party legal environmental compliance audit and customised environmental training**. These three pillars of services became the hallmark of our core competency to serve any client's requirement.

Over the years, the company has grown its client base, broaden its expertise and successfully undertook and delivered more than **250 environmental consultancy projects** awarded by multinational companies (MNC), government linked companies (GLC), research entities, government agencies and departments, companies, consultants and individuals. We are proud to say that many of these clients are our loyal customers who gave repeated business indicating their upmost trust in our expertise and experience as a delivery partner.



OUR SERVICES



01

ENVIRONMENTAL MANAGEMENT

We provide comprehensive Environmental Management Services to help organizations effectively manage their environmental responsibilities. Our services focus on ensuring compliance with regulations, mitigating environmental risks, optimizing resource use, and promoting sustainability. We are committed to enabling organizations to achieve their environmental goals while supporting sustainable development.

These services typically include:

- ▶ Environmental Impact Assessment (EIA)
- ▶ Environmental Management Plan (EMP)
- ▶ Environmental Monitoring Report (EMR)
- ▶ Water Quality Modelling (WASP & LTHIA)
- ▶ Environmental Monitoring Network
- ▶ Integrated River Basin Management Plan (IRBM)
- ▶ Total Maximum Daily Load Study (TMDL)
- ▶ Pollution Source Survey & Inventory
- ▶ Pollution Investigative Study
- ▶ Water Resources Management Study
- ▶ Coral Studies
- ▶ Written Notification for Pollution Control Systems
- ▶ Written Notification for Fuel Burning Equipment
- ▶ Erosion Sediment Control Plan (ESCP)
- ▶ Land- Disturbing Pollution Prevention and Mitigation Measures (LD-P2M2)
- ▶ Preparation of Standard Operating Procedures (SOP) for Environmental Sampling



02

ENVIRONMENTAL MONITORING

We offer Environmental Monitoring services to ensure effective management of environmental conditions and compliance with regulatory standards. Our approach focuses on systematically assessing key environmental parameters, identifying potential risks, and providing actionable insights. By leveraging advanced techniques and accurate data, we support organizations in maintaining environmental integrity and meeting their regulation compliance.

These services typically include:

- ▶ Water Quality – River, Marine, Lake, Groundwater, Effluent, Sullage & Greywater
- ▶ Boundary Noise
- ▶ Sediment Basin Discharge
- ▶ Ambient Air Quality
- ▶ Vibration
- ▶ Stack Emission
- ▶ Continuous Environmental Monitoring System
- ▶ Remote Monitoring System
- ▶ Microplastic Sampling
- ▶ Microrubber Sampling
- ▶ Sediment Sampling
- ▶ Microbenthos Sampling
- ▶ Phytoplankton & Zooplankton Sampling
- ▶ Environmental Laboratory Analysis



03

ENVIRONMENTAL COMPLIANCE AUDIT

Our Environmental Compliance Audit services are designed to help organizations evaluate their adherence to environmental laws, regulations, and internal policies. Through a systematic review of operations and processes, we identify non-compliance issues and provide actionable recommendations for improvement. This ensures regulatory compliance, minimizes legal risks, and supports sustainable environmental performance.

These services typically include:

- ▶ Housing and Township Development
- ▶ Power Generation Plant
- ▶ Mining
- ▶ Dam
- ▶ Waste to Energy Facility
- ▶ Sanitary Landfill
- ▶ Oil and Gas Industry
- ▶ Chemical Plants
- ▶ Oleo Industry
- ▶ Paper and Pulp Industry
- ▶ Waste Recovery Centre
- ▶ Scheduled Waste Storage Facility
- ▶ Palm Oil Mill
- ▶ Highway
- ▶ Hotels & Resorts
- ▶ Reclamation and Dredging Activities
- ▶ Port, Jetty and Harbour



04

ENVIRONMENTAL TRAINING

We provide Environmental Training services to enhance knowledge and skills in managing environmental responsibilities effectively. Our training programs focus on building awareness of environmental regulations, best practices, and sustainable strategies. By equipping individuals and organizations with the necessary expertise, we foster a culture of environmental stewardship and support compliance with regulatory requirements.

These services typically include:

- ▶ Environmental Awareness
- ▶ Introduction to Environmental Quality Act, 1974
- ▶ Implementation of Environmental Management Plan
- ▶ Correct Interpretation of EIA Conditions of Approval
- ▶ Effective Environmental Management at Construction Site
- ▶ Roles and Responsibility of Environmental Officer
- ▶ Scheduled Waste Management
- ▶ Sullage Management at Construction Site
- ▶ Erosion Sediment Control Plan Implementation
- ▶ Environmental Best Management Practices for Construction Industry
- ▶ Water Quality Modelling- WASP and LTHIA
- ▶ Environmental Statistic and Reporting
- ▶ Standard Procedures for Water Quality Sampling and Analysis
- ▶ Ambient Air, Boundary Noise and Vibration Monitoring
- ▶ Quality Control and Quality Assurance in Environmental Monitoring
- ▶ Smart Site Monitoring
- ▶ Reduce, Reuse and Recycle Concept
- ▶ Environmental Sustainability
- ▶ Preparation for Environmental Compliance Audit
- ▶ Things to Do and to Avoid at Construction Site

PROJECT EXPERIENCE

01

ENVIRONMENTAL CONSULTANCY

At Ecolestari Consult Sdn Bhd, we're dedicated to driving positive environmental change through our comprehensive **Environmental Consultancy** services. We partner with businesses across various sectors to help them navigate complex environmental regulations, implement sustainable practices, and reduce their ecological footprint. Our mission is to create practical, sustainable solutions that not only comply with regulations but also foster long-term environmental stewardship.

List of Environmental Consultancy

- ▶ IWK Sg. Langat and Sg. Selangor River Water Quality Modeling Update With Regards to Instream Water Quality Assessment and Improvement Related to the Development of Centralized Sewage Treatment Plants (CSTPs), IWK
- ▶ Water Quality Modeling of Sg. Benus and Impact Assessment for Proposed Sewage Treatment Plant (STP) in Relation to the Development of International Islamic University Malaysia (IIUM) New Campus at Janda, Baik, Pahang Darul Makmur, IIUM
- ▶ Sg. Terengganu IRBM Study, Jabatan Pengairan dan Saliran (JPS)
- ▶ Development and Preparation of Standard Operating Procedures (SOP) for Water Quality Monitoring & Assessment, NAHRIM
- ▶ Bathymetry Study of Main Lagoon and Skim Pond at Exxon-Mobil PD Refinery, Exxon-Mobil
- ▶ Sediment and Water Quality Study at Port of Bintulu, Sarawak, Chemsain Engineering Sdn Bhd
- ▶ Water Quality Modelling for Sg. Kopok, Pasir Gudang, Daya Eco Techno Sdn Bhd
- ▶ Investigation of Sewage Treatment Plant Effluent Discharge Pattern Using Tracer Dye Method, NAHRIM
- ▶ Water Quality Modelling for Preliminary EIA of Proposed Ampang Jajar Waste Transfer Station Expansion, Seberang Perai, Pulau Pinang, Greenwich Sdn Bhd
- ▶ Iron (Fe) Characterization Study at Esso Port Dickson Oil Refinery, Exxon-Mobil
- ▶ Ballast Water Study at Port Klang, NAHRIM
- ▶ Kajian Pengurusan Greywater dan Cadangan Garis Panduan, NAHRIM
- ▶ Kajian Pembangunan Total Maximum Load (TMDL) Bagi Lembangan Sungai Perai, Jabatan Alam Sekitar (JAS)

At Ecolestari Consult Sdn Bhd, we specialize in developing comprehensive **Environmental Management Plans (EMPs)** that guide projects towards environmental sustainability and regulatory compliance. Our EMPs are meticulously designed to address the unique challenges of each project, ensuring that environmental impacts are minimized and managed effectively. From construction sites to industrial operations, we work closely with our clients to implement strategies that protect the environment while achieving project goals.

List of Environmental Management Plan

- ▶ EMP for the Development of Melawati Township, Selangor. Sime Darby Properties Berhad
- ▶ EMP for the Construction, Commissioning and Maintenance of Medical Suite (Phase 1A), Basement Carpark (Phase 1) and Common Infrastructure / External Works on PT 210, Jalan Ampang, Kuala Lumpur, Pelaburan Hartanah Berhad
- ▶ EMP for the Construction Phase of Second Penang Bridge Land Expressway Package 3D: Toll Plaza, Administration Building and Related Work. Penang, PLUS
- ▶ EMP for Construction Stage of ECER Kuala Berang Goat Research and Breeding Centre. Kuala Berang, Terengganu, ECER
- ▶ EMP for the Development and Construction of Solar Power Generation Form 10.25MW at Gemas, Negeri Sembilan, Effiforce (M) Sdn Bhd
- ▶ EMP for Construction of Overpass and Connecting Road Across Taman Kajang Utama, Lebuhraya Lingkaran Luar Kajang, Majutera Sdn Bhd
- ▶ EMP for Construction Stage of ECER Muadzam Shah Cattle Research and Innovation Centre. Pahang, ECER
- ▶ EMP for the Development of 5.1MW Small Hydropower Plant (SHP) at Sg. Batang Kali, Selangor, Effiforce (M) Sdn Bhd
- ▶ EMP for the Development of 9MW Sungai Selama Scheme, Small Hydropower Plant in Selama, Perak, Effiforce (M) Sdn Bhd
- ▶ Preliminary Environmental Impact Assessment Study of the Proposed Centralised Sewage Treatment Plant (CSTP) at Lot 130, Klang. IWK
- ▶ Preliminary Environmental Impact Assessment Study of Development of a Solar Photovoltaic Plant at PT 2545, Mukim Rompin, Pahang, SBP Power Sdn Bhd



At Ecolestari Consult Sdn Bhd, we excel in providing tailored Solid Waste Management solutions that support sustainability and operational efficiency. Our approach to solid waste management is designed to help reduce waste generation, improve recycling processes, and manage waste effectively. From waste audits to developing comprehensive management plans, we work closely with our clients to implement strategies that minimize environmental impact and optimize resource use.

List of Solid Waste Management

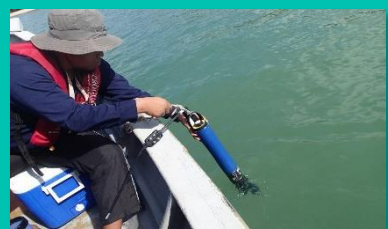
- ▶ Design of pilot-scale fluidised bed incineration system for Municipal Solid Wastes (MSW) Characterisation study for Municipal Solid Wastes (MSW) in major cities in Malaysia i.e. Kuala Lumpur, Pahang and Johor Bahru
- ▶ Characterisation Study for Municipal Solid Wastes (MSW) at Kg. Raja Landfill in Cameron Highlands, Pahang Darul Makmur
- ▶ Feasibility study for a thermal treatment system for Municipal Solid Wastes (MSW) in Cameron Highlands, Pahang
- ▶ Clean Development Mechanism (CDM) Project for landfill gas reduction in Johor Bahru City, Malaysia through composting
- ▶ Hydrological and Meteorological Survey for Rawang Sanitary Landfill
- ▶ Feasibility Study for Integrated MSW Management Facility for the State of Penang
- ▶ Detailed Environmental Impact Assessment (DEIA) for the Proposed Development of Solid Wastes Transfer Station at Kg. Bohol, Kuala Lumpur
- ▶ Municipal Solid Wastes (MSW) Characterisation Study for the Design and Development of Incinerators at Pangkor Island, Langkawi Island, Cameron Highlands, Tioman Island and Labuan Island
- ▶ Detailed Environmental Impact Assessment (DEIA) for Proposed Sanitary Landfill at Pagoh, Muar, Johor Darul Ta'zim for Jabatan Pengurusan Sisa Pepejal Negara, Kementerian Perumahan dan Kerajaan Tempatan Malaysia
- ▶ Development of EIA Guideline for Municipal Solid Wastes Incinerator for DOE Malaysia



At Ecolestari Consult Sdn Bhd, we provide comprehensive Environmental Monitoring services to ensure your projects adhere to environmental standards and regulations. Our services focus on assessing and managing the environmental impact of your activities, ensuring both compliance and minimal ecological disruption. By integrating our environmental monitoring into your project planning and execution, we help you maintain a balance between development and environmental preservation.

List of Environmental Monitoring

- ▶ Boundary Noise and Dark Smoke Monitoring for Standby Power Generator at Sime Darby Pavillion, Sime Darby Property Berhad
- ▶ Procurement, Integration, Testing and Commissioning of Automatic Continuous Water Quality Monitoring (CWQM) Station for Sg. Dua for Perbadanan Bekalan Air Pulau Pinang (PBA)
- ▶ Environmental Air, Noise and Vibration Monitoring at Sime Darby Medical Centre, Subang Jaya, Seri Murni Resources Sdn Bhd
- ▶ Jelutong Sewage Treatment Plant (JSTP) Environmental Monitoring, IWK
- ▶ Water Quality Status for Coastal Waters of Pangkor and Port Dickson, NAHRIM
- ▶ Projek Lebuhraya Utara Selatan (PLUS) Wastewater Effluent Monitoring, PLUS Berhad
- ▶ Tasik Chini Water Quality and Sediment Core Assessment and Monitoring, NAHRIM
- ▶ Sungai Pinang Water Quality Assessment and Monitoring, Pulau Pinang, PBA
- ▶ Bintulu Port's Water Quality Study & Assessment
- ▶ Lake NAHRIM Pollution Loading Estimation Study
- ▶ Marine Water Quality Monitoring Under National Environmental Monitoring Programme (EQMP), Jabatan Alam Sekitar, Malaysia
- ▶ Putrajaya Lake and Wetland Monitoring Programme, Perbadanan Putrajaya
- ▶ Identification and Assessment of Non-Point Source (NPS) within Lake NAHRIM Catchment Area, NAHRIM
- ▶ Environmental Monitoring for Eco Glades Township Development, SP Setia
- ▶ Environmental Monitoring for Setia Safiro Township Development, SP Setia
- ▶ Environmental Monitoring for the Development of 5.1MW Small Hydropower Plant (SHP) at Sg. Batang Kali, Selangor, Effiforce (M) Sdn Bhd, Effiforce



ENVIRONMENTAL TRAINING

Ecolestari Consult Sdn Bhd is a **HRD Corp Registered Training Provider** and has more than **15 years** of experience in conducting environmental related trainings as well as customised environmental trainings based on each corporation requirement. The trainers themselves have been certified under the **Train the Trainer (TTT)** programme.

List of Environmental Training Provided

- ▶ Environmental Awareness
- ▶ Introduction to Environmental Quality Act, 1974
- ▶ Implementation of Environmental Management Plan
- ▶ Correct Interpretation of EIA Conditions of Approval
- ▶ Effective Environmental Management at Construction Site
- ▶ Roles and Responsibility of Environmental Officer
- ▶ Scheduled Waste Management
- ▶ Sullage Management at Construction Site
- ▶ Erosion Sediment Control Plan Implementation
- ▶ Environmental Best Management Practices for Construction Industry
- ▶ Environmental Monitoring
- ▶ Water Quality Modelling- WASP and LTHIA
- ▶ Environmental Statistic and Reporting
- ▶ Standard Procedures for Water Quality Sampling and Analysis
- ▶ Ambient Air, Boundary Noise and Vibration Monitoring
- ▶ Quality Control and Quality Assurance in Environmental Monitoring
- ▶ Smart Site Monitoring
- ▶ Reduce, Reuse and Recycle Concept
- ▶ Environmental Sustainability
- ▶ Preparation for Environmental Compliance Audit
- ▶ Things to Do and to Avoid at Construction Sites
- ▶ Environmental, Social and Governance (ESG)



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ENVIRONMENTAL COMPLIANCE AUDIT

At Ecolestari Consult Sdn Bhd, we offer thorough Environmental Compliance Audit services designed to ensure that your business operations align with all applicable environmental laws and regulations. Our audits help identify potential non-compliance issues, allowing you to address them proactively and avoid costly fines, legal actions, and reputational damage. Our audit process is comprehensive and tailored to your specific industry and organizational needs. By partnering with Ecolestari Consult, you can be confident that your business is operating responsibly and ethically with the environment.

25

Housing &
Township
Development

8

Power
Generation
Plant

5

Quarry &
Mining

56

Manufacturing
Industries

21

Palm Oil Mill

5

Oleo Industry

4

Hotels &
Resorts

10

Reclamation
& Dredging

10

Port, Jetty &
Harbour

7

Oil & Gas
Industry

3

Waste to
Energy

3

Paper & Pulp
Industry

4

Solid Waste
Management

3

Scheduled
Waste
Storage &
Disposal

6

Recovery &
Recycling

6

Construction
of Roads &
Bridges



Reasons To Engage Us?

Expertise and Experience

Our proud key asset is our people. ECOLESTARI's pool of experts has an average of more than **23 years of experience** in the field of environmental consultancy, monitoring, compliance audit and training. We sit on various environmental studies, standards and guidelines review panels both at national as well as at regional levels.

Competency

Team members at ECOLESTARI are registered and certified as Environmental Consultants with the **Department of Environment of Malaysia (DOE)** for the scope of Environmental Impact Assessment (EIA), Water Quality, Environmental Monitoring, Water Quality and Environmental Compliance Audit since 2008. We are also a certified HRDF training provider with in-house **certified HRDF trainers**.

Providing Need Based Solutions

Always giving priority on providing tailor-made solutions to each customer's need and issue. We customise our service to manage cost, effectively address the issue of concern, enable prompt deliverables and select technologies that suits the problem in-hand. We strongly believe in approaching complex issue with simplicity in mind.

Access to External Resources

Some environmental issue require multi-discipline approach that needs specialist from other field of expertise. ECOLESTARI actively collaborates with a network of professionals in the field of engineering, smart monitoring, environmental modelling, environmental law, laboratory analysis, waste management, ESG reporting, carbon market, aerial drone survey, geographic information system (GIS), big data analysis, artificial intelligence (AI) etc.

“Offering Simple and Sustainable Solutions”



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