

# Chemical Waste Management

154165-K

CORPORATE PROFILE



**Transforming Business  
Practices into Value  
Creation**

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## Introduction

We are an established and leading utilities and environmental engineering service provider in Malaysia. A subsidiary of PPB Group Berhad ([www.ppbgroup.com](http://www.ppbgroup.com)), we possess the financial strength and the necessary skills and experience in ensuring the success of all the projects we undertake. We are able to offer total solutions on design and build basis and ensure seamless integration and interfacing of the various components and facilities of the projects. Our extensive procurement network and technological alliances enhance the cost effectiveness of our solutions.



## Corporate Snapshot

Year of incorporation: 1986  
Authorized Capital: 115,000,000  
Paid up Capital: 17,000,000  
Chief Executive officer: Leong Yew Weng  
Subsidiary of PPB Group Berhad

## Qualifications

### ISO 9001 (2000) Quality Management Certification

Certification to ISO 9001 reaffirms our commitment to deliver quality services in project management and engineering solutions to our clients.



### Other relevant industrial qualifications include

- I) Construction Industry Development Board (CIDB) Grade 7
- II) Pusat Khidmat Kontraktor (PKK) Class A
- III) Akta Industri Perkhidmatan Air 2006
- IV) Permit IPA Jenis D. Pembetulan



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## Our Core Business

There are 4 key sectors that form the backbone of our business:

### Water



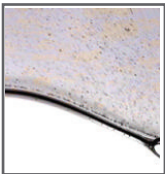
#### I) Water Treatment

We deliver innovative water treatment solutions to municipalities and industries using conventional, proprietary or even membrane technologies treating various surface and underground sources.

#### II) Flood Mitigation

We undertake comprehensive and integrated flood mitigation schemes to protect the townships from flooding caused by storm water.

### Wastewater



#### I) Municipal Sewage Treatment

We combine cost effectiveness with appropriate technologies in our comprehensive solutions to meet stringent environmental discharge standard.

#### II) Industrial Wastewater Treatment

We are able to offer a wide range of engineering solutions for industrial clients with unique requirements and wastewater streams.

### Solid Waste



We provide integrated management services from collection to disposal of solid waste. Currently we are also involved in concessions of sanitary landfill development, management and operation.

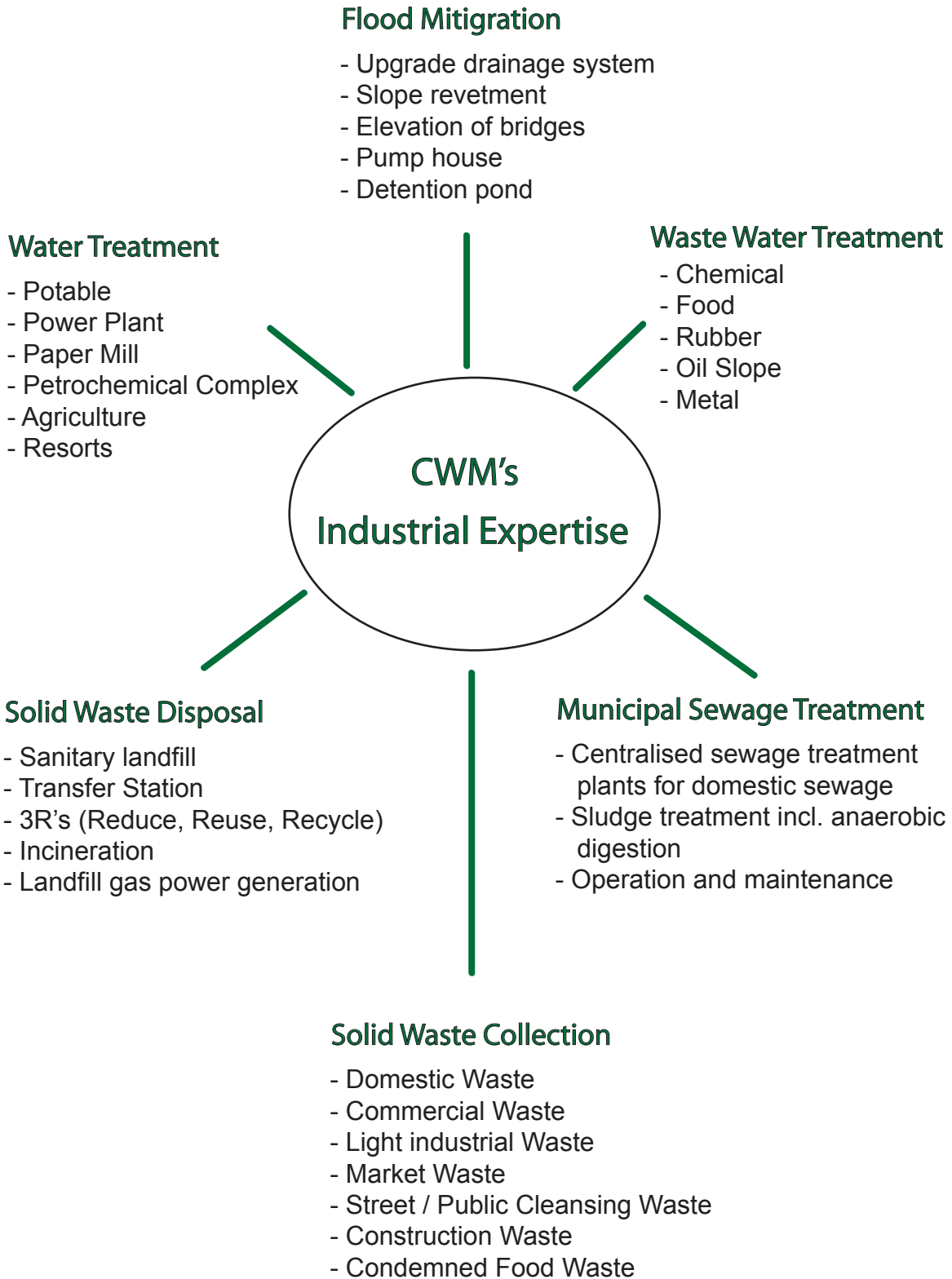
### Infrastructure Development



We design and build industrial facilities ranging from tank farms, warehouses, to waste-to-energy facilities. Depending on the client's need, we can tailor-make our solutions to cover all the civil, mechanical and electrical engineering aspects seamlessly.

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## Major References

1. Sg. Selangor Water Treatment Plant Phase 2  
( 950,000 m<sup>3</sup>/day )
2. Kerteh Integrated Petrol-Chemical Complex Water Treatment Plant  
( 230,000 m<sup>3</sup>/day )
3. Bkt. Pancor Potable Water Treatment Plant using Ultra Filtration Membranes  
( 5,000 m<sup>3</sup>/day )
4. Sg. Semenyih Sludge Treatment Plant  
( 375 m<sup>3</sup>/hour @ 4% concentration )
5. Sg. Semenyih Chemical Plants  
( 640,000 m<sup>3</sup>/day )
6. Rasa ( 67 ml Service Reservoirs + 72 km Pipelines ) and Bukit Badong  
( 1,880mm dia. x 17 km Pipeline + 178,000 m<sup>3</sup> /day Pump Station)  
Bulk Water Transfer Schemes
7. Kepala Batas Flood Mitigation Scheme designed for up to 100 years  
Flood Return Period
8. Bayan Baru Sewage Treatment Plant ( 200,000 P.E. )  
- Construction and 3-year Operations & Maintenance
9. Jelutong Sewage Treatment Plant ( 800,000 P.E. ) on Design and  
Build basis  
- Largest SBR plant in the world
10. Sewage Treatment Plants Phase 2, Package 2 funded by  
Japan Bank for International Cooperation ( JBIC )  
- Juru ( 150,000 P.E. ) Sewage Treatment Plant  
- Sg. Nyoir ( 150,000 P.E. ) Sewage Treatment Plant  
- Kangar ( 30,000 P.E. ) Sewage Treatment Plant  
- Kotar Setar ( 300,000 P.E. ) Centralised Sludge Treatment Plant

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## Alliances & Partnership

### ***Participation in Worldwide Landfills and Jana Landfills Concessions***

Through a joint venture, CWM has introduced the concept of sanitary landfill in the state of Selangor. We are involved in establishing, operating, maintaining and managing the Air Hitam ( 3,000 ton/day ) and Jeram ( 1,500 ton/day ) sanitary landfills for a concession period of 25 years since 1995. The Air Hitam Landfill has on December 2006 achieved full capacity, and is currently generating 2 MW of electricity using landfill gas, a 15-year partnership program with TNB.

### ***Participation in Konsortium ABASS for Sg. Semenyih Water Supply Scheme Privatisation***

In 2001, CWM was involved in the 30-year privatisation of the Sg. Semenyih Water Supply Scheme. Scope of responsibilities includes operations, maintenance and management of the entire water supply scheme in return for selling treated water to the State Government at predefined rates. The investment has been divested to one of the joint venture partners of the scheme in 2006.

### ***Strategic Alliance with SITA Group in Solid Waste Management***

We have established strategic alliance with SITA Group (based in France) to leverage on technology and knowledge in the area of waste collection and disposal management. Today, with a fully localised operation of over 1000 employees, 170 trucks and an annual turnover of more than RM30 million, we deliver systematic waste collection and disposal services to the municipalities and industries which are located in the northern and central parts of Malaysia.

### ***Participation in Water Supply and Sewage Treatment Concessions in China***

Together with Veolia Water, CWM has assisted its parent company i.e. Chemquest Group in securing the 100,000 m<sup>3</sup>/day Beijing Lugouqiao Sewage Treatment Plant Concession in 2003 ( 20-year, RMB201 million ) through international bidding and the 520,000 m<sup>3</sup>/day Hohhot (Inner Mongolia) Water Supply Concession in 2005 (30-year, RMB536 million) through asset acquisition scheme.

## Contact

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