



# Environ ***DESLUDGER***



**ENVIRON**  
(Reg 49537-M)





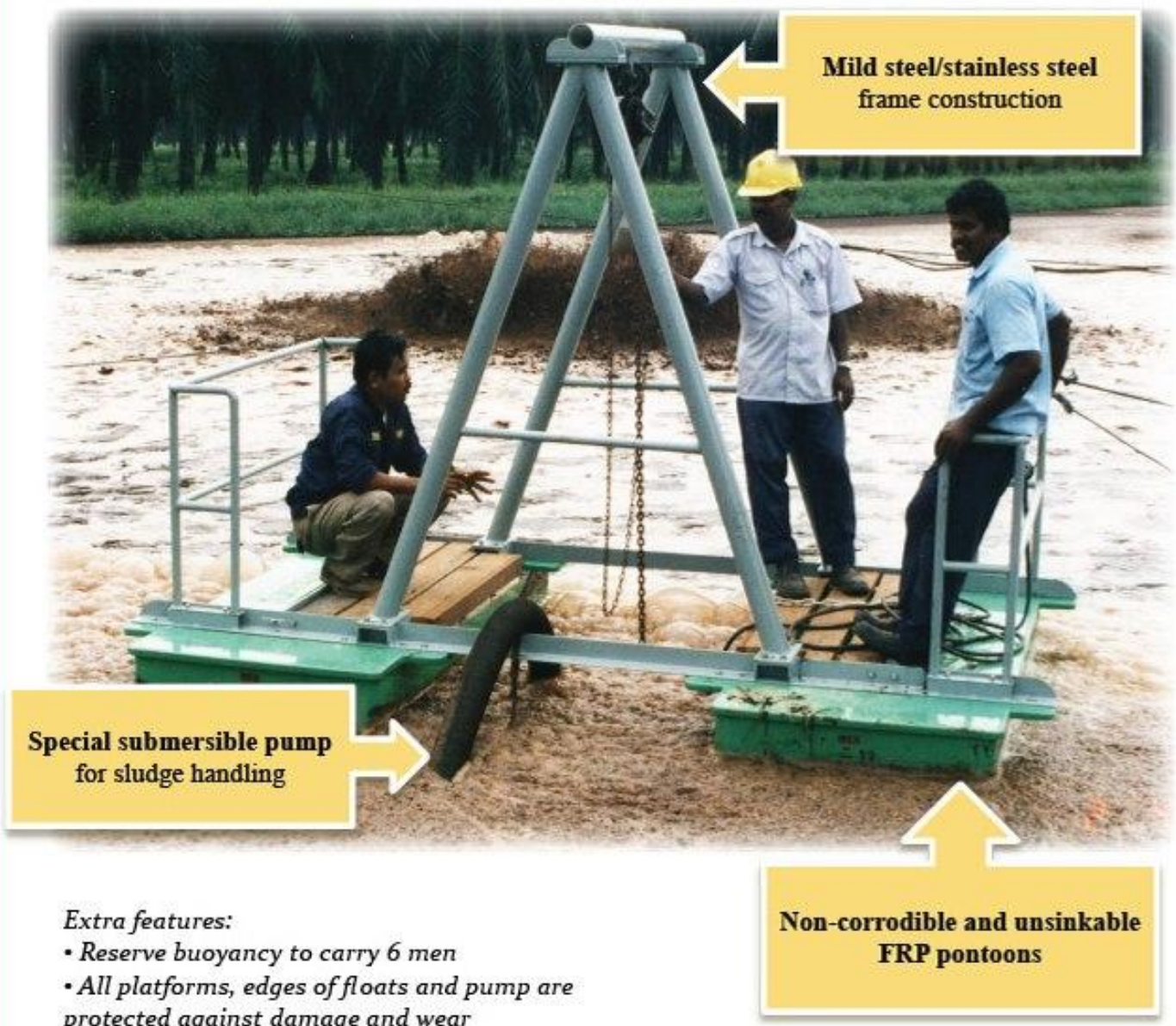
## Year-round desludging needed

The conventional ponding system as a means of treating palm oil mill effluent (POME) is widely practiced in Malaysia. This has achieved fairly reasonable treatment standards and is premised on adequate hydraulic retention times (HRT) in the various ponds. Unfortunately, this HRT is often reduced substantially by heavy siltation arising from the high level of suspended solids in the effluent.

To ensure the ponds will treat the effluent according to design, their **HRT must be maintained throughout the year.**

The Environ desludger offers continuous year-round desludging to ensure the ponds function as designed.

### System Components



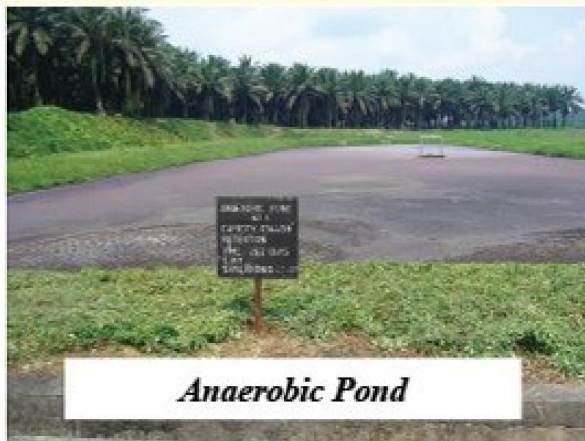


# System Features & Advantages

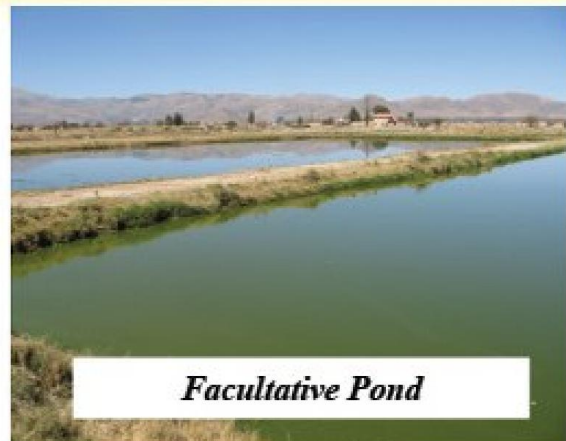
- Provides continuous year-round desludging of ponds
- Pond remains in service (no need to drain pond and take out of service)
- Easily transferred from pond to pond
- Easily operated by one person
- Pump can be raised/lowered to suit pond depth
- Developed under actual field conditions in a Malaysian Mill
- Self-propelled pontoon changes location automatically without operator attention
- Doubles as a mixer for ponds



## Typical Applications



*Anaerobic Pond*



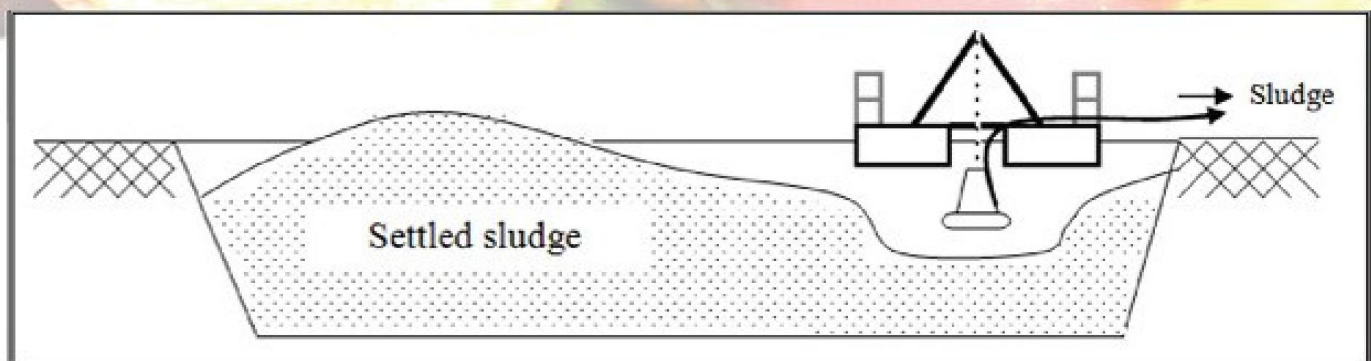
*Facultative Pond*

## Standard Model

## Performance

**POME-DSL-458-A-EB-MS**  
(Other duties/construction also available)

- ✓ Capacity - 45 l/s at 8m head
- ✓ Solids Passage - min. 100mm
- ✓ Discharge - min. 100mm
- ✓ Insulation - Class 'F'



*Pond desludging – sectional view*





Contact us for our other products and services:

- Aeration & mixing
- Filtration
- UV Disinfection
- Pumps & Blowers
- Flowmeters
- Oil skimmers
- Solid liquid separation
- Digesters & Biogas harvesting
- Tertiary treatment  
(for stringent nutrient and BOD requirements)
- Enhanced biogas generation and sludge reduction

Contact us at:

**ENVIRON HOLDINGS SDN BHD**

(Reg. No. 49537-M)

19, Jalan Utarid U5/11, Seksyen U5,  
Mah Sing Integrated Industrial Park,  
40150 Shah Alam, Selangor, Malaysia.

Tel : 603-7843 0987 (4 lines)

Fax: 603-7843 0981

Email : [environ@environ.com.my](mailto:environ@environ.com.my)



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