

## **FORWARD**

### **A NEW BEGINNING!**

LOH & LOH is a name synonymous with specialist in infrastructure works especially in the field of water for over 52 years! Our capabilities are unique and our track record unequalled with a total of 18 dams completed to-date – effectively the most dams built by any Malaysian company by a mile. We have completed the largest water treatment plant (WTP) – the 950MLD Bukit Badong WTP, the largest water pipeline – the 3.0m Diameter Interstate: Langat 2 connecting pipeline, the largest water pumping station in Southeast Asia – 2300MLD Semantan Pumping Station, and LOH & LOH is currently building the largest water reservoir in Southeast Asia – the 210ML (Million Litres) Enggang Reservoir and the 2<sup>nd</sup> largest Sewage Treatment Plant in Malaysia – the 920,000 PE (Persons Equivalent) Langat CSTP. LOH & LOH is also proud to have contributed to the development of the nation in major game-changing infrastructure projects such as the development of Putrajaya, the Interstate Water Transfer project, the Electrified Double Track projects, Langat 2 water supply project, the National Sewage Scheme projects and many others. These projects have helped to improve the lives of countless Malaysians and played a key role in increasing productivity and the quality of life!

With our strong history and good growth prospects, I am pleased to inform that the Management and a group of key investors have acquired LOH & LOH Group effectively on 3<sup>rd</sup> November 2017. Our new shareholders will comprise of YAM Tengku Sulaiman Shah Ibni Sultan Salahuddin Abdul Aziz Shah – Tengku Laksamana of Selangor, YBM Tan Sri Dato Tengku Mohamad Rizam Bin Tengku Abdul Aziz – Tengku Temenggong of Kelantan, Mr Chatchaval Jiaravanon – family member of Charoen Pokphand Group, and the Management. The shareholders believe that the Group has vast potential and will work together to realize the full potential of the Group!

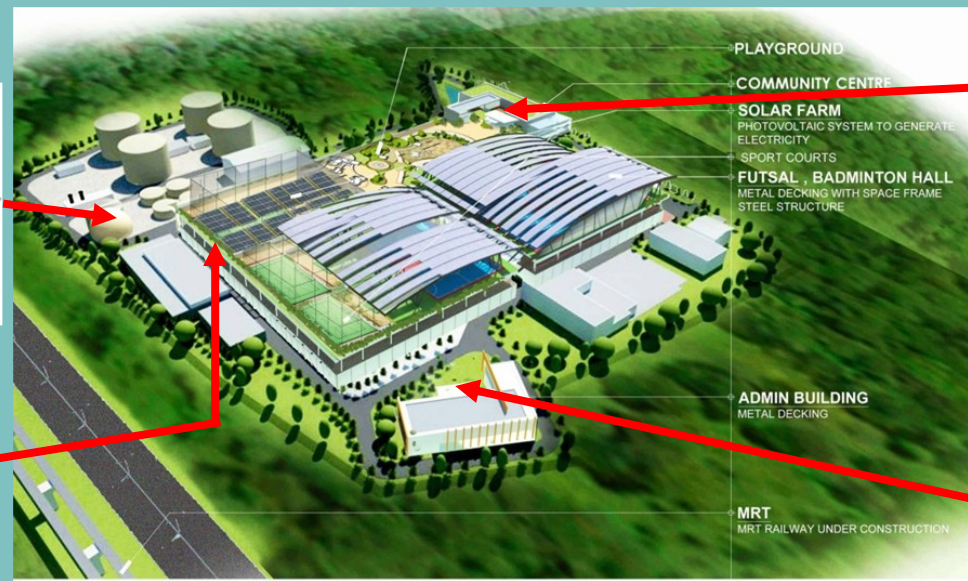
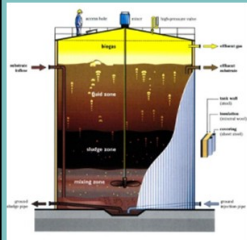
I am personally excited with this new development and believe that the shareholders will each bring significant value to the Group and have plans to propel the group on a new trajectory towards growth! Over the next few months, I hope to reveal more details on this plan! Meanwhile, I hope that every member of the LOH & LOH family extend a warm welcome to the new shareholders and keep up our effort and dedication as we race towards the end of the 2017 financial year!

Thank you.

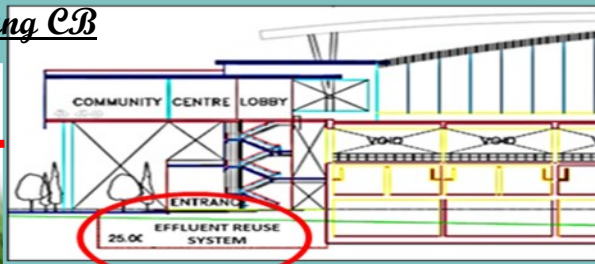
*By MCD Mr Marc Loh*

**PROJECT NEWS : LANGAT CENTRALIZED SEWAGE TREATMENT PLANT (LCSTP) by Mr Chee LC & Mr Chang CB**

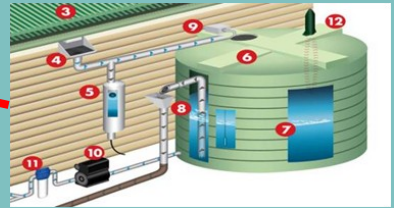
**Biogas Generation**  
 Power Generation from biogas is approximately 1270 kW (2x635 kW).  
 Power generated will be used as complementary power source for aerations blower.



- PLAYGROUND
- COMMUNITY CENTRE
- SOLAR FARM  
PHOTOVOLTAIC SYSTEM TO GENERATE ELECTRICITY
- SPORT COURTS
- FUTSAL , BADMINTON HALL  
METAL DECKING WITH SPACE FRAME STEEL STRUCTURE
- ADMIN BUILDING  
METAL DECKING
- MRT  
MRT RAILWAY UNDER CONSTRUCTION



**Effluent Water Re-use**  
 Effluent water reuse system capacity approximately 2,000 m<sup>3</sup> per day and used for equipment washing, polymer preparation (RO) and make-up water for odour control system.



**Project Information**  
 Project Owner:  
 Project Developer:  
 Project Management Consultant:  
 Main Contractor:  
 Subcontractor:  
 Consultant Engineer:

Government of Malaysia  
 KeTTHA through JPP  
 AJP-MFA Associates Consortium Sdn. Bhd.  
 MMC Pembetulan Langat Sdn. Bhd.  
 Salcon Loh & Loh Sdn. Bhd.  
 SMHB Sdn. Bhd.

**Rain Water Harvesting**

Rain water harvesting with effective roof collection area approximately 1000 m<sup>2</sup> and storage 10 m<sup>3</sup>.  
 Rain water harvesting will be used for toilet flushing and garden taps for administration building.

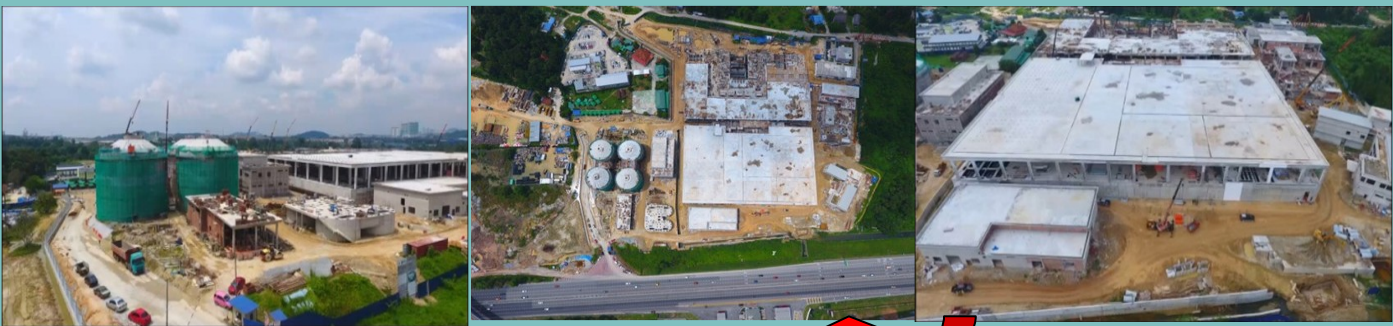
**Project Details**

The Langat Sewerage Scheme consisting of Centralised Sewage Treatment Plant and Sewerage Conveyance System proposed by MMC PLSB in collaboration with Tokyo Metropolitan Government (TMG) to showcase technologically advanced, operationally efficient and environmentally sustainable technologies in sewerage management.

- Ultimate 920, 000 PE (207 Mld)
  - Allows 164 multipoint STPs to be decommissioned and rationalisation of the sewerage system
  - Total catchment area served 60.9km<sup>2</sup>
- Treatment Process System (Liquid Line)**
- Screening (coarse and fine) and grit removal.
  - Grease removal and primary clarification.
  - Advanced activated sludge using step-feed two-stage de-nitrification with deep aeration tank and secondary clarification.
  - Disinfection with UV.
  - Effluent compliance with Standard 'A' Category (1) of Environmental Quality (Sewage) Regulations 2009.

**Treatment Process System (Solid Line)**

- Primary sludge – gravity thickening.
  - Secondary sludge – mechanical thickening.
  - Mesophilic anaerobic digestion.
  - Centrifuge dewatering.
  - Sludge solids minimum 20% dry solids content.
- Odor Control**
- For liquid and solid line.



View from here

**Current Progress**  
 Physical – 72.1%

View from here

**Project Challenges**  
 Small footprint of 7.3 ha for 920,000 PE  
 Limited access  
 Limited storage area  
 Limited working space  
 Deep excavation at Pump Station ~ 15m

Pantai 2 STP – 17 ha for 1,423,000 PE  
 Jelutong STP – 14.7 ha for 1,200,000 PE



On 9<sup>th</sup> August 2017, at Langat site office, L2P1B team has the honour to welcome the Minister of Ketha, YB Datuk Seri Panglima Dr. Maximus Johnity Ongkili and Ketua Setiausaha of Ketha, YBhg. Dato' Seri Ir. Dr. Zaini Bin Ujang, to visit the site of our project.

Firstly, we invited our VVIP for some light refreshment prepared by PAAB.

Opening briefing was given by CEO of PAAB, En. Mahadzir Mustafa. Then continue with short briefing by Project Director of CSRK, Ir. Rousdin Hassan regarding the project status and progress. Before start site visit, safety briefing and PPE distribution were conducted by Safety Officers. We started the site visit from our main area, RC Connecting Chamber, the most important area, which is the first station for intake of raw water from tunnel that is connected to Pahang pump station. Final stop was at the main water treatment plant at Clarifier Building which the process of removal of solid particulates or suspended solid from liquid take place.

After finish site visit, the VVIP moved back to L2P1B site office to enjoy a scrumptious Hi-Tea.



# The Winners Of In-house Badminton Tournament Year 2017



## Men's Doubles Category A

- Champion : Ooi CT & William
- 1st Runner-Up : Heng KT & Lee KC
- 2nd Runner-Up : Suah CH & Loh KS



## Men's Doubles Category B

- Champion : Peter Low & Subadi
- 1st Runner-Up: Gatot & Lee Chun Liang, and
- 2nd Runner-Up : Low CC & Wai JX.



## Women's Doubles

- Champion : Adelaide & Gabbie
- 1st Runner-Up : Choo YT & Tan MY and
- 2nd Runner-Up : Daliza & Liza



# HR NEWS-New Appointments

by Kogi & Pat

## Loh & Loh Constructions Sdn Bhd

No	Employee Name	Position	Department	Eff Date
1	Allen Ling How Ka	Engineer	LCSTP	10-07-2017
2	Yeo Shen Yee	Contract Executive	BDEV	01-08-2017
3	Hanafi Bin Shafei	Sr. Draughtsman	BDEV	01-08-2017
4	Md Iskandar Izzuddin Bin Mohamed Ismail	Sri Draughtsman	BDEV	01-08-2017
5	Chee Heng Guan	Engineer	MPPE	01-08-2017
6	Lee Jun Liang	Engineer	BDEV	16-08-2017
7	Yap Kim Hee	Sr. Site Supervisor	MPPE	01-09-2017
8	Ko Kok Pin	Assistant P&M Manager	P&M	01-09-2017
9	Ng Wen Si	Contract Executive	BDEV	11-09-2017
10	Siti Zubaidah Binti Isak	Engineer	BDEV	11-09-2017

## Water Engineering Technology Sdn Bhd

No	Employee Name	Position	Department	Eff Date
1	Hasni Bin Ab.Hamid	Site Manager	Kudat	25-09-2017

## Wet Envitech Sdn Bhd

No	Employee Name	Position	Department	Eff Date
1	Mohd Mustaqin Bin Ishak	Site Supervisor-Mechanical	LCSTP	12-07-2017
2	Jeja Dave A/L Theivendran	Project Engineer-Electrical	LCSTP	17-07-2017
3	Mohd Shuhaimy Bin Abd Ghani	Site Supervisor-Electrical	LCSTP	17-07-2017
4	Mohd Faizal Bin Che Ramli	Project Planner	LCSTP	18-07-2017
5	Nabila Syazwani Binti Jamaluddin	Project Engineer –Mechanical	LCSTP	01-08-2017
6	Mohamad Ali Bin Omar	Storekeeper	LCSTP	08-08-2017

## Wet O&M Sdn Bhd

No	Employee Name	Position	Department	Eff Date
1	Ahmad Bin Tibe	Chargeman(A4)cum Technician	LCSTP	01-08-2017



**ISO** BM Trada Recertification Audit based on ISO 9001 : 2015 was successfully carried out on 17<sup>th</sup> & 18<sup>th</sup> July 2017. Project audited was Langat 2 WTP and Water Reticulation System (ENGAN).

The audit has gathered sufficient evidences to conclude that the organization's Quality Management System have met the requirements of ISO 9001 : 2015 new standard. No non conformity identified at this audit.

BM Trada Certification Limited recommended that Loh & Loh Constructions Sdn Bhd to be certified under ISO 9001 : 2015 new standard.

On behalf of the ISO Council, I would like to thank everyone involved in this audit for their cooperation and support in making the audit smooth and successful.

*By Thum SF*

## CSR

“As part of our CSR initiatives, on 13-June 2017, we have contributed RM20,000 to the PIBG of Sekolah Menengah Kebangsaan Subang Bestari, Shah Alam to help the financially needy students from lower income group. The School Principal, Hj Baharuddin Mustar was delighted to receive the said contribution as a relief efforts for the outstanding but less fortune students to attend extra PT3 and SPM academic classes after school. Part of the said contribution will be channel to the welfare of handicap students from financially challenged families.”

*By Mr KK Lau*

