



Enriching Environment through Engineering
MLK Waste Management

COMPANY PROFILE

December 2023*



MLK Waste Management LLP

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F-109, Industrial Area, Govindpura, Bhopal, MP - 462023

COMPANY DETAILS

| | |
|-----------------|--|
| Registered Name | MLK Constructions (2014-2021) MLK Waste Management LLP (2021 - present) |
| Promoted as | MLK Waste Management LLP |
| Business Type | Limited Liability Partnership |
| Founded On | October 2014 |
| Founders | Dushyant Sachdeva, Harshit Sharma |
| Email ID | info@mlkwastemanagement.com |
| Postal Address | Sector F - 109, Industrial Area, Govindpura, Bhopal, 462023 |
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ABOUT US

MLK Waste Management has enabled the prolonged belief of adding more value to the current practices of **sewage treatment and water treatment** in India by bringing prudent innovation and smarter and eco-friendly designs pertaining to liquid waste to the doorsteps of masses in India.

In a country like ours, there is an alarming need for restoring and recycling water from waste water produced every day in order to manage our day to day activities. Our beautiful lakes and rivers are getting dried and polluted due to our recklessness and carelessness. These need to be restored to provide balance to the ecology. Despite being aware about the situation, the country contributes low or just sufficient energy to waste management. MLK aspires to be a catalyst to lead to this positive change by **providing engineering and technology solutions for every possible scenario.**

We hold expertise in a wide range of technologies where each technology has its own significance and is applied according to the requirement and feasibility. All technologies are **eco-friendly**; require **least amount of energy** in their respective domains, **minimal human intervention**; are **aesthetically strong** and can be integrated in any available area.

The main office of MLK Waste Management situated at Industrial Area of Bhopal, draws attention of visitors with the presence of the lush green lawn and trees in the area. It infuses a sense of joy and freshness in our visitors.

By the way, did we miss out on telling that we plant a tree for every new project we execute?



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BUSINESS SERVICES & PRODUCTS

Sewage Treatment Plant for domestic and commercial purpose

- **DEWATS + Vortex (Anaerobic Process)** - Combination of Decentralised waste water treatment model, Cinder, Vortex and filtration to produce the finest results for treated water
- **SBR or MBBR (Aerobic Process)** - requires one of the smallest areas for a plant size, both aerobic systems are quick to construct & run way of treating waste water using a bunch of mechanical, electrical and plumbing equipment.
- **Inorganica** - The inorganic waste generated from kitchen / laundry etc. alone needs a different treatment as the waste water contains different ratio of BOD : COD while Nitrate and Sulphate levels are different compared to the one generated from households. Prefabricated Inorganica takes care of all this inorganic waste

Effluent Treatment Plant for Industrial or Bio-Medical purpose

The variety of waste water produced from industries and hospitals is vast. A kind of treatment for one kind of industry is different from the other. Each one requires detailed analysis. Thanks to the opportunity we received, we boast of having expertise in treating waste water from Hospitals and Tobacco & Milk producing industries.

RAS (Recirculatory Aqua-culture system) for fish farming

In order to reduce land and water requirement and increase efficiency in terms of 'egg to adult' ratio in relatively quicker time than normal, RAS is used for fish farming which runs on the principal of solid removal, aeration, nitrification and denitrification along with filtration. Water savings can go as high as 95%

UnderGround (UGT) Plastic Tanks for STP, ETP, Water storage

Self designed heavy duty underground plastic tanks, with 4 compartments, extendable neck, of different water holding capacities make it convenient for quick installation of STP (Chatur Chaukas ETP or any other water holding unit to be placed underground or above the ground.

Accessories

MLK also boasts of being the manufacturer of various wastewater related products including SBR Decanters, MSEP Filtration vessels, Underground plastic tanks, Bar screens, Drum filters, Oxygen cones, Vortex tubes, Vortex bases, V Notch plates, customisable Electrical panels etc.

The bigger and trickier problem which lies in the way of capturing the domain of liquid waste is **Lakes and Nallah**. With the difficulty and high risk level in catering this segment of liquid waste, different kinds of experiment and methods are being adopted by MLK to find an optimum solution.



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PROJECTS

Some of the prominent projects completed by MLK Waste Management, Bhopal

| Sno | Name of agency | Year and Location | Capacity | Type of STP |
|-----|-------------------------------------|-------------------|-----------|-----------------|
| 1 | Signature City | 2015, Bhopal | 300 m3 | SBR |
| 2 | Belief Palm Crest | 2015, Bhopal | 25 m3 | DEWATS - VORTEX |
| 3 | Signature 360 | 2015, Bhopal | 400 m3 | DEWATS - VORTEX |
| 4 | Hotel 5 Lotus Resort | 2016, Raipur | 50 m3 | DEWATS - VORTEX |
| 5 | Capital Homes - Avinash | 2016, Raipur | 200 m3 | DEWATS - VORTEX |
| 6 | Dream Valley | 2016, Chhatarpur | 70 m3 | DEWATS - VORTEX |
| 7 | Jahanpur Gaon (Aadarsh Gram) | 2016, Sehore | 8 m3 | WTP |
| 8 | 13 th Battalion, MPPHIDC | 2017, Gwalior | 570 m3 | DEWATS - VORTEX |
| 9 | Bagmar Estates | 2017, Nasik | 35 m3 | DEWATS - VORTEX |
| 10 | Pioneer & VGR Group | 2017, Raipur | 960 m3 | DEWATS - VORTEX |
| 11 | Shri Sadguru Seva Sangh | 2017, Vidisha | 60 m3 | Bio ETP |
| 12 | Chitnavis Centre | 2018, Nagpur | 30 m3 | DEWATS - VORTEX |
| 13 | Shashank Chourey Farms | 2019, Indore | 60 tonnes | RAS |
| 14 | Industrial Park, AKVN | 2019, Indore | 5000 m3 | SBR |
| 15 | Signature Residency | 2020, Bhopal | 300 KLD | MBBR |
| 16 | Panagar, MPHIDB | 2021, Jabalpur | 230 m3 | DEWATS - VORTEX |
| 17 | ITI Bhopal (VCL) | 2022, Bhopal | 200 KLD | MBBR |
| 18 | Cotton College (SRK) | 2022, Guwahati | 50 m3 | DEWATS - VORTEX |
| 19 | Kokhrajhar Medical College (SRK) | 2023, Kokhrajhar | 400 KLD | MBBR |
| 20 | RRCAT | 2023, Indore | 500 m3 | DEWATS - VORTEX |
| 21 | RMJ Food Veritables | 2023, Bhopal | 100 KLD | ETP |
| 22 | MLCP (P/D Agrawal) | 2023, Puri | 90 KLD | MBBR |

*On-going projects



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Other prominent projects on DEWATS-Vortex

| | | | | | |
|------|--------------------------------|--------------------|------|--------------------------------------|--------------------|
| 2003 | Arvind Eye hospital Puducherry | 500 m ³ | 2014 | Tollygunge Golf Club Kolkata | 200 m ³ |
| 2007 | Surya Nepal Tobacco factory | 160 m ³ | 2014 | TDH Orphanage Tiruvanamalai - prefab | 20 m ³ |
| 2007 | Surya Nivas Colony | 60 m ³ | 2014 | ITC Munger Dairy plant | 30 m ³ |
| 2008 | Kalapet Jail Puducherry | 75 m ³ | 2015 | VBHC Bangalore East Bank | 410 m ³ |
| 2009 | ITC Pune Tobacco factory | 130 m ³ | 2015 | Triveni Earth Movers Odisha | 60 m ³ |
| 2009 | Hansa Niwas Trichy | 90 m ³ | 2015 | ITC Guntur settlement | 102 m ³ |
| 2010 | Mamalla Beach hotel | 40 m ³ | 2015 | ITC Guntur commercial block | 41 m ³ |
| 2012 | Villefranche resort | 40 m ³ | 2015 | Atithi hotel | 54 m ³ |
| 2013 | VBHC Bangalore West Bank | 710 m ³ | 2015 | CMC Chittoor hospital | 100 m ³ |
| 2014 | VBHC Chennai - prefab systems | 80 m ³ | 2015 | ITC Howrah | 50 m ³ |
| 2014 | Chitra Malika Cochin - prefab | 10 m ³ | 2015 | Thiagarajar Mills | 408 m ³ |
| 2014 | Haritam Restaurant Chennai | 20 m ³ | 2015 | Arvind Eye Hospital Chennai | 270 m ³ |



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BUSINESS STRATEGY & TEAM

On this journey of solving water pollution problems around us, the approach involves incorporating learnings from the conventional technologies around us, developing and nurturing them further with our R&D facilities to provide refined solutions.

Research and Development is an on-going process and going forward, we intend to produce or promote the finest systems and methods for water and waste water treatment to power the efforts of the company.

We also hope to learn from and **work with highly motivated or experienced individuals, societies and companies** operating in this segment.

TEAM

Before the captain comes his team. A huge thanks and credit goes to the entire team from various departments who passionately work with us, striving to achieve what is a common goal for all of us.

Dushyant Sachdeva

An MBA from SDA Bocconi, Italy, Dushyant has a total experience of 3 years in Manufacturing & Sales and spearheads Sales & Marketing division at MLK Waste Management.

Harshit Sharma

B.Tech in Civil Engineering from IIT Bombay, Harshit had an extensive experience in Waste Management and socio-political domain before co-founding MLK. He drives the R&D and the execution department.



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Regions & channel Partners:

Nagpur region

Mr. Ritesh Rathod

+91 94228 05585

North-East region

Mr. Akshay Agrawal

+91 94357 33241

Bhopal & other MP region

Mr. Dushyant Sachdeva

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Raipur / CG region

Mr. Dushyant Sachdeva

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Indore region

Mr. Aseem Bhale

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