PROLOGUE

New Year Greetings from CDD!

RESEARCH ON SANITATION

Brainstorm on Identification of Helminth Eggs at CASS Laboratory

NEWS & EVENTS

CDD Society commemorates World Toilet Day: Inauguration of FSTP, Devanahalli, Bangalore

UPCOMING EVENTS

National Summit on Sustainable Water & Sanitation, 7 & 8 January 2016.

INTERESTING LINK

On-plot Sanitation initiative, The Pilot Faecal Sludge Treatment Plant, Devanahalli, Bangalore, article on The Hindu
As we head into the New Year with renewed commitment, here is a brief look back at our accomplishments in 2015. Over the past ten years we’ve seen our efforts increasingly being recognised by sector players, but none so much as in the past year when we were conferred with the Global CSR Excellence and Leadership Award 2015 by ABP News.

With your support, our work has expanded in many new directions, especially with the Swachh Bharat Mission it is time for one and all to focus on the sanitation sector of India. As a means for the same, we have made certain changes to our game plan, locally and nationally. As a result, we are working closely with our partners and State and National Governments to reach more lives, in our pursuit to improve the sanitation scenario.

Alongside, it is also essential to disseminate knowledge and educate people about the adverse effects of bad sanitation can have on everyone’s life. Studies prove that a better quality of life can be achieved by better sanitation.

We look back upon 2015 and take tremendous pleasure in our accomplishments. We reached colossal growth in disseminating our knowledge of decentralised wastewater management, reached millions of Indians and South – Asians through our wastewater management programs, commenced the exciting new initiative of faecal sludge management and took great strides to secure the viability of our organisation.

Simultaneously, we look to the future and know that till South – Asia is cleaner and more hygienic; the demand for our services will continue to grow. We take immense pride in counting you as a stakeholder for CDD Society and look forward to the moment when we can together, celebrate the realisation of our vision – a world without sanitary and hygienic issues.

Wishing You Happy and a Prosperous New Year 2016!

Team CDD Society
RESEARCH ON SANITATION
Brainstorm on Identification of Helminth Eggs at CASS Laboratory

Mrs. Collen Archer, South Africa from also visited CASS on 3rd and 4th of December and provide guidance on identification of helminth egg structure and also whether the egg which is identified is mortal, immortal or infertile in nature for the Research & Development team.

CDD Society’s team also participated in the training for Identification of Helminth Eggs organised by PSG Institute Of Medical Science and Research on 09.12.2015.

Mrs. Archer, explained the process involved in identification of helminth egg structure and also whether the egg which is identified is mortal, immortal or infertile in nature.

Some of the key learnings during the training programme for the identification of helminth eggs are:

Usage of plastic test tube and beakers should be ensured in order to avoid losing the eggs

Rodents transfer eggs from one place to other

Contamination can occur in the preparation of sample if pipettes and sieves so flexible hose should be provided so the hose can be squeezed and pressure can applied in order to clean properly

Stirring sticks should be used to stir the sample inside the test tube wooden

Top pan balance is essential to measure all the quantity of chemicals

Specific Gravity (SG) should be analyzed by hydrometer and make sure ZnSO4 solution prepared is 1.3 SG

Helminth ova have been considered as a major health risk when wastewater is reused for irrigation or aquaculture.

The helminth is known has geo-helminth as it adaptive to soil environment and its living condition is good in soil.

Related Articles and links:
Wastewater for use in agriculture, By WHO

A laboratory manual of parasitological and bacteriological techniques, which include a modified Bailenger method for the enumeration of helminth eggs and two most probable number (MPN) methods and a membrane filtration method for the enumeration of faecal coliform bacteria:


Read the content summary at
NEWS AND EVENTS

CDD Society commemorates World Toilet Day: Inaguration of FSTP, Devanahalli, Bangalore

With an objective to support government in establishing a pilot fecal sludge treatment unit with resource recovery options based on relevant policies, CDD and BORDA along with Devanahalli TMC implemented the Pilot FSTP at Devanahalli.

This pilot unit was inaugurated on the World Toilet Day 19th November 2015, by UDD Minister & MLA Devanhalli.

On this occasion of World Toilet day Street play organized at several wards of Devanahalli on Community Mobilization with the aim for demand generation in open defecation areas.

UPCOMING EVENTS

National Summit on Sustainable Water & Sanitation, 7 & 8 January 2016.

The National Summit on SUSTAINABLE WATER AND SANITATION..... Safe Water and Sanitation for India

Focus to create AWARENESS and LEARNING on the existing situation on water and sanitation in India, Governments future plan for Swach Bharat for Urban and Gramin for Water and Sanitation for Safe Water and Quality Sanitation for BETTER India, National Reforms for Water and Sanitation, Sustainable Solutions for Water and Sanitation for Better Life, Demand Creation through Effective Hygiene Promotion, PPP models, Wastewater Treatment and Reuse, the Use of ICT for Better Quality Management.

The summit will be formally inaugurated by Shri. U.T. Khader, Honourable Minister of Health & Family Welfare, GoI and Dr. Ravindra, IAS (Retd.) Chairman of Smart Cities India Foundation, Former Chief Secretary, GoI.

Objectives:

Expanding access to safe water and quality sanitation to promote better hygiene

Increasing water productivity for urban, rural, agriculture and industry by conserving precious resources

Improving water and sanitation resource management and reforming governance and regulations to equitably share access and defuse competition

Strengthening resilience and response to disasters in order to help country to adapt to a changing climate

Visit: http://nswss.com/
Mr. Vishwanth, Advisor to our project O&M wrote an article for the The Hindu: “All of the towns currently un-sewered or partially sewered must have a FSTP. Ideally this must be together with the solid waste management plant. Devanahalli town near Bengaluru has just started operation of its FSTP. Designed and built by CDD-BORDA, a Bengaluru-based group, this is the one of the first in India. Kochi too is reported to have its first FSTP operational recently.”

Read More: http://m.thehindu.com/features/homes-and-gardens/the-management-of-sludge/article8004903.ece

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