

# Ghulam Mah-ul-Din

## Environmental Engineer

ISO-14001:2015 Certified

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Jhumra, District Faisalabad

D/O/Birth: 13<sup>th</sup> February, 1997

PEC Reg. #: ENVIRO/00933



## Objectives:

Motivated professional transitioning from Environmental Engineer to Lecturer , aiming to bring transferable skills and a fresh perspective to the department.

## EDUCATION

### M.Sc (Hons.) Environmental Engineering (2017-2019)

- ❖ University of Agriculture, Faisalabad, Pakistan.

### B. SC. Environmental Engineering (2013-2017)

- ❖ University of Agriculture, Faisalabad, Pakistan.

### HSSC (F.Sc Pre-Engineering) (2011-2013)

- ❖ Al-Falah Grammar Higher Secondary School, Chak Jhumra, Faisalabad, Pakistan.

### SSC (Matriculation) (2009-2011)

- ❖ Al-Falah Grammar Higher Secondary School, Chak Jhumra, Faisalabad, Pakistan.

## PROFESSIONAL EXPERIENCE

### October 2024 – Till Date

- **Designation:** Lecturer
- **Department:** Structures and Environmental Engineering,  
University of Agriculture Faisalabad

### October 2022- September 2024

- **Designation:** Environmental Engineer
- **Project:** Four Seasons Hotel
- **Location:** Amaala, KSA
- **Company:** A.S Alsayed and Partners Contracting Company, Saudi Arabia
- **Client:** Red Sea Global
- **Scope of work:** Builders works

### April 2021 – August 2022

- **Designation:** Environmental Engineer
- **Project:** 3A Independent Water Project, KSA
- **Location:** Jubail, KSA
- **Company:** Ammico Int'l Contracting Co. Ltd. Saudi Arabia

- *Client:* Jazlah
- *Scope of work:* Builders works

## **June 2016 – August 2016**

- *Designation:* Internee
- *Organization:* Environmental Protection Agency
- *Location:* Punjab, Pakistan.

## **ROLES AND RESPONSIBILITIES**

### **Environmental Compliance Leadership:**

- ❖ Ensure that the Construction Environmental and Social Management Plan (CESMP) is followed, and make sure that all employees are aware of any changes or regulations related to the environment.
- ❖ Quickly resolve all CESMP non-conformances.
- ❖ Supervision of everyday work on site to ensure strict compliance of Environmental Protection Regulations.

### **Environmental Management System (EMS):**

- ❖ Work proactively to establish and maintain a program of continuous improvement in EMS, which includes regular environmental audits and inspections.
- ❖ Maintain Environmental Observation logs and diaries.
- ❖ Submit clear and concise written reports based on field inspections (Daily, Weekly, and Monthly, Reports).

### **Environmental Planning:**

- ❖ Create and implement Environmental Management Plans (EMPs) and Environmental Emergency Response Plans (EERPs) that are specific to the site.
- ❖ Make guides for pollution control, site rehabilitation, and waste management.

### **Regulatory Compliance:**

- ❖ Obtain, keep up-to-date, and maintain the essential plans, licenses, and operational guidelines.
- ❖ Maintain a documented system of receiving comments and complaints from local residents and businesses, to include records of action taken and subsequent feedback from complaints.
- ❖ Conduct Environmental Audits to make sure regulations are being followed.

### **Waste Management:**

- ❖ Adopt, organize, and manage waste management procedures.
- ❖ Maintain safe chemical handling and stacking practices.
- ❖ Manage the collection, labeling, storage, and disposal of hazardous and non-hazardous solid wastestreams.

### **Environmental Monitoring:**

- ❖ Oversee Environmental Monitoring programs (air, noise, dust, water, waste creation, and management) in accordance with regulatory regulations.
- ❖ Reporting Environmental Incidents i.e.(spill incidents) to the clients within 24 hours and send a report within 72 hours.

### **Environmental Training:**

- ❖ Develop environmental induction programs and materials for staff that address issues like waste management, and spill control

### **Communication and Coordination:**

- ❖ Act as the go-to person for questions regarding alterations to the project's scope and limits as well as

for reporting any CESMP-related events or non-conformances.

## **ENVIRONMENTAL CERTIFICATIONS AND TRAININGS**

### **EMS ISO 14001:2015 Lead Auditor**

- Certified by CQI-IRCA
  - ❖ The impact of Climate Change and Heat Stress on Occupational Health and Safety. (Webinar Organized by ILO and NEBOSH)
  - ❖ Chemical Handling and Management
  - ❖ Waste Management and Disposal.
  - ❖ First Aider
    - (Certified by Universal Inspection CO.LTD)

## **Publications**

- Biological Treatment of Pulp Industry Wastewater Effluent by using Fly Ash.
- Modified Sewage Sludge for Sustainable Development.
- Removal of Heavy Metals from Textile Effluent using Bio sorption on Rice Husk and Lime.
- Removal of New Emerging Pollutants from Water by using Zeolite and Carbon Nanotubes.
- A Dynamic Evaluation Model for Monitoring Ambient Air Quality Pollutants.

## **WORKSHOPS, CONFERENCES, WEBINARS AND SEMINARS**

- ❖ International workshop on “Renewable Energy Technologies in Pakistan” held on December 16-18,2014 at University of Agriculture Faisalabad, Pakistan.
- ❖ Seminar on Water Resource Management on the occasion of International Conference on “Water Footprints of the Cotton-Textile Value Chain: Environmental Repercussions from Field to Hanger” Organized by BMBF-InoCotton GROW Project Partners, Pakistan.
- ❖ International Webinar on “Entrepreneurship Development by Managing Technology and Innovation in Water and Wastewater Treatment Projects” organized by Pakistan Engineering Council, Pakistan on 10<sup>th</sup> April 2021.
- ❖ International Webinar on “Development of Technical Team and Execution of a project” organized by Pakistan Engineering Council, Pakistan on 26<sup>th</sup> March 2021.
- ❖ International Webinar on the theme of “Leaving No One Behind” on the occasion of World Water Day 2019, organized by Pakistan Engineering Council, Pakistan.
- ❖ One day Seminar on the theme of “Nanotechnology and its Applications” on 15<sup>th</sup> September 2028

## **TECHNICAL SKILLS**

- Excellent writing and document management skills.
- Problem Solving and time management with multitasking ability.
- Effective in dealing with Government Officials regarding compliance matters.
- Project Management.

## **HOBIES**

- Cricket, Tent Pegging

## **LANGUAGES**

– English

–Urdu and Punjabi

–Chinese (HSK-Level 1)