



WASIF ALI

Environmental / Public Health Consultant

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Field of Interests:

- Infrastructure Design (Water Supply, Sewerage & Drainage Systems etc)
- Plumbing Design
- Environmental Studies (I.E.E. & E.I.A etc.)
- GIS Application in Infrastructure Development
- Design Review / Vetting
- Estimation & Preparation of Contract Documents

Executive Summary:

A practicing Environmental / Public health engineer with 10 years of intense experiences for projects ranging from individual house to large complexes, commercial, industrial units and housing Schemes. These experiences has given me the opportunities to develop and effectively contribute to achieve targets within available options, resources and time by putting fullest efforts and utilizing my professional consulting and academic skills.

I have an extensive involvement in determining client's requirements, recommending economical solutions, designing of Water supply, Sewerage and Drainage systems of Urban Areas, housing and industrial estates, GIS maps for land-use, Evaluation & Development of Water Source, Computer Modeling and Analyses of Water Supply, Sewerage and Drainage Systems and Environmental Studies (i.e. I.E.E & E.I.A etc).

Professional Experience:

Engineering Contrivers

Jun. 08 to Present

Chief Executive

Major Projects

Infrastructure Projects

- New Lahore City Housing Scheme (Phase I & II) Lahore
- State Life Employees Cooperative Housing Scheme, Lahore
- Iqbal Avenue Cooperative Housing Scheme, Phase-III, Lahore
- Trunk Sewers along Bedian Road, Lahore Cantt.
- Design of Water Supply, Sewerage and Drainage system of Sargodha City (in association with G3 engineering consultants)
- Design of Water Supply, Sewerage and Drainage system of National Industrial Park, Kandiwal Road, Sargodha (in association with G3 engineering consultants)
- Survey-170 Housing Scheme Lahore Cantonment
- City Villas Housing Scheme Tehsil Leel Lahore
- Storm water Drainage system using alternative techniques for Askari-XI Housing Scheme Bedian Road, Lahore
- Intermediate Pumping Station (IPS) at EME Sector DHA Lahore
- Divine Garden Housing Society Lahore (10-Types of House).

- Design of Water Supply / Sewerage and Drainage system of Bahria Oasis Housing Scheme, Bedian Road, Lahore.
- Aiwan-e-Bahria Housing Scheme Lahore.
- GolfCity Housing Society of Bahria Town Islamabad.
- Garden City Housing Scheme of BahriaTownIslamabad.
- AMCOM Housing Society Faisalabad.
- Sahiwal Housing Society, Sahiwal

Institutional / Public Projects

- Kohat University of Science and Technology, Kohat
- Rawalpindi Institute of cardiology, Rawalpindi.
- Vetting / Redesigning of Plumbing design of Up-gradation of Multan International Airport.
- Infrastructure Rehabilitation of Mayo Hospital Lahore.
- TEVTA Complex building, Lahore.
- Golf Club House Building at DHA for BRDB (Malaysian Company J/V)
- DHA Diagnostic Centre, DHA Lahore.
- R-Block Community Club House Building DHA Lahore.
- Al-Habib Hospital Building, MandiBahaudin.
- Misaq Trust Building Lahore.
- Government Institute of Emerging Technologies, Lahore.
- Mian Muhammad Bukhsh Memorial Hospital, Jhelum.
- PHED Research & Training Institute, Lahore.
- Extension of Mian Nawaz Sharif Hospital Yakki gate, Lahore.
- Said Mitha Hospital Lahore.
- Community Centre Building at Bahria Town Islamabad.
- Beacon House School, Lahore.
- Rehabilitation of NCA Hostel Building, Lahore.

Commercial / Industrial Projects

- Bank Alfalah Data Centre, Ferozepur road, Lahore.
- Military Dairy Farm Renal Khurd.
- IMPAC Factory, Sunder Industrial Estate, Lahore.
- TANSY pharmaceutical Factory at Sunder Industrial Estate Lahore
- Commercial Building at Bahria Town Islamabad.
- Commercial Building of Ravi Autos.
- Fire fighting System Design for CANON Foam factory.
- Guest House Building of DG cement factory.
- Rehabilitation of VILLAGE Restaurant, MM Alam Road Lahore.
- Extension of Commercial Building of TELENOR Lahore.
- Rehabilitation of Hormonal Preparation & Quality Control Facilities at HIGHNOON Laboratory Lahore.
- SURGITEX factory, Quaid-e-Azam Industrial Estate, Lahore.
- Bank Al-Falah (10 Branches) throughout the Punjab
- National Bank , Bahawalpur.

Residential Projects

- Mian Mansha's Farm House Lahore.
 - BinaJawad's Farm house, Lahore.
 - Divine Garden Housing Society Lahore (10-Types of House).
 - BRDB & DRGCC Housing Development Phase VI, DHA Lahore.
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- EME Apartment Building EME Society Lahore.
- Infrastructure Design of Bahria Oasis Housing Scheme, Lahore.
- Shahzad Saleem's Residence, Lahore.
- Guest House of DG cement factory
- Beacon House School, Lahore.
- Corps Commander Residence DRGCC, DHA Lahore.
- President House, DRGCC, DHA Lahore.
- Mr. Nawazish Abbas Residence
- Residence of Brig. Abbasi Islamabad.
- Residence of Governor Khalid Maqbool.
- More than 100 Residences so far.

National Engineering Services Pakistan (NESPAK), Lahore Jun.06 – Jun.08

Public Health Engineer

Responsibilities

- Feasibility Studies for water supply source, Sewage and Solid waste Disposal.
- Designing of Convention as well as Alternative Drainage Systems using modern BMPs (i.e. Rainwater Harvesting, Seepage Wells, Infiltration Trenches & Basins, Wet Ponds etc
- Survey of existing infrastructure for rehabilitation purposes.
- Design of Trunk sewers (layout, Bedding, type of material etc).
- Design of Sewage Disposal Stations with auxiliary equipment.
- Design of sullage carrier.
- Survey of existing sewerage system for rehabilitation purposes.
- Construction supervision of construction of RCC sullage carrier.
- Evaluation of Life Cycle Cost (LCC) for different type of Pumps.
- Preparation of PC-I and Tender Documents.

Major Projects

- Feasibility of Bulk water Supply Scheme from River Jhelum to Murree.
 - Feasibility Study of Water Supply Source for Rawlakot City.
 - Feasibility study of water supply source, Sewerage and Solid waste Disposals at Jaloza Campus of University of engineering and technology, Peshawar.
 - Feasibility Study of Seepage Well for groundwater recharging in Lahore
 - Evaluation of Life Cycle Cost (LCC) for different type of Pumps used in Sewage Disposal Station.
 - Design & Construction Supervision of shifting of sullage carrier due to construction of Saggian interchange at Lahore Ring Road.
 - Improvement of Sewerage and Drainage system of Allama Iqbal Town and its adjoining areas.
 - Laying of Trunk sewer along the Cantonment drain in Lahore.
 - Rehabilitation of Life-expired and under-sized sewers in Multan.
 - Design of Sewage Disposal Station at LDA Avenue-I, Lahore.
 - Design of Storm disposal station at Doongi ground, Allama Iqbal Town.
 - Rehabilitation of Water Supply, Sewerage and Drainage Systems in South Lahore.
 - Design of water supply system for FDA city, Faisalabad.
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- Design of Stormwater Drainage system for Mohlanwal Society using Best Management Practices (BMPs) such as Swales, Infiltration Trenches, Infiltration Basins and Ponds etc.

GERS Engineering Consultants, Lahore.

Apr.05 – Jun.06

Public Health Engineer

Responsibilities

- Water Supply Design using EPANET for residential Schemes.
- Sewerage system design for residential Schemes.
- Road Drainage design.
- Preparation of Tender Documents.

Major Projects

- Feasibility Study of Water augmentation from DADUCHA & CHERA dams for Rawalpindi.
- Fazaia Housing Society, Lahore.
- River Edge Housing Society, Lahore.
- Avicenna Housing Society.
- Banker's Avenue Housing Society.

Shahzad Associates, Lahore

Dec.02 to Apr. 05

Public Health Engineer

Responsibilities:

- Plumbing Design for Residential Buildings.
- Plumbing Design for commercial and high rise buildings.
- Structural Design of Residential, Commercial and Industrial Units.
- Preparation of Estimates and BOQs.
- Preparation of construction Schedule using MS Project.

Major Projects

- Ejaz Textile Mills.
- Body Media Factory Lahore.
- Residence of Malik Riaz
- Factory of Haleeb Foods, Raheem Yar Khan
- Commercial Building at Safari Villas, BahriaTownLahore.
- Klass Textile Mills Lahore.
- Banquet Hall, Mirpur.
- Banquet Hall, Ghazi Road, Lahore.
- Salt & Pepper, Lahore.
- Press & Office Building for Vantage Printer Lahore.

Traits:

- Sound knowledge of Environmental engineering and site development.
 - Deep understanding of relevant design codes.
 - Strong written communication skills including ability to prepare appropriate technical documentation and to review, proofread, and check documentation for accuracy.
 - In-depth ability to understand and apply various soft wares for water supply, sewerage and Storm water drainage systems.
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- Uncommon ability to meet tight deadlines and work within budgetary constraints.
- Ability to work independently and to organize work on multiple projects.

Computer Skills:

- Stormwater Management Module (SWMM)
- EPANET& LOOP
- winTR-55
- MS-Project
- AutoCAD
- Thorough knowledge for the installation of Windows based applications and extensive user of Windows 98/ME/XP.
- Office Automation (MS Word, Excel, Power point etc)

Trainings:

Project Management
Effective Client Handling
Thinking Skills
Time Management
Presentation & Communication Skill

Professional Associations:

Pakistan Engineering Council (Life Time)

Education:

Ph.D. Environmental Engineering In Progress
University of Engineering & Technology, Lahore

Research Work: Rainwater Re-use Techniques for Large Scale Urban Areas of Pakistan.

M.Sc. Environmental Engineering 2009
University of Engineering & Technology, Lahore

Research Thesis : Evaluation of Alternative Techniques for Storm water Management under Local Conditions.

B.Sc. Civil Engineering 2003
University of Engineering & Technology, Lahore

Research Thesis: Study of Hydraulic Capacity of Trunk Sewers at Main Outfall Disposal Station in Central Sewerage District Lahore.

Personal Data:

Father's Name: Gulab Din
Date of Birth: February 12, 1980
Religion: Islam
NIC No: 35201-1313061-3
Nationality: Pakistani
Marital Status: Married



Address:

H # 27, Ahmad Hassan Road, Amir-ud-Din Park,
P.O. Harbanspura Lahore

LANGUAGES WITH DEGREE OF PROFICIENCY : Excellent in reading, writing and
speaking English, Urdu and Punjabi

PEC Registration No : Civil/7720

Total Experience : 10 Years
