



Pak-Enviro-Consultants

Pak Enviro Consultants

Endeavoring for Greener Planet



Company Profile



Pak Enviro Consultants (Regd.)

Incorporated with

OFFICE OF THE REGISTRAR OF FIRMS, PUNJAB

UNDER PARTNERSHIP ACT, 1932 registered in 2009

(Registration No. 2672)

NTN:32236107

Registered Office

Pak Enviro Consultants.

Owner/Chairperson: Asif Bilal S/o Muhammad

Cell/  #0320-4002050, Office: Street#15, Shaheen Park, Mughalpura, Lahore,

Email: pakenviroconsultants2009@gmail.com

Website: www.pakenviroconsultants.com, www.fazilatmoderator.pk

www.pakenviroconsultants.com



QUALITY POLICY OF PAK ENVIRO

Pak Enviro promotes sustainability in our business and our community through the ongoing development of environmentally responsible business practices and consulting services.

Our goal is to integrate environmentally responsible consulting into the framework of each client's project to maximize value and reduce the environmental footprint.

OUR VISION

Pak Enviro is dedicated to delivering environmentally sound, socially accepted, and sustainable solutions that improve the environmental, Health & Safety, and social performance of the clients and ultimately lead towards a sustainable universe.

OUR MISSION

- Our mission is to adopt the client's environmental and social challenges as our own.
- To engage in development that is environmentally sustainable, socially and economically viable by adopting a practicable approach to environmental and social challenges wherein all sectors of society are engaged.
- Provide the client with doable solutions for environmental and social problems that minimize the cost and liability in just a single click to save your money and time in a sustainable way at your doorstep.
- Our mission is to be adaptable to the client's requirements and provide customized solutions that align perfectly with the client's needs.
- To provide one-stop services to our clients to let them have the luxury of effortless living.

OUR COMPANY

Pak Enviro Company a registered office in 2009 in Lahore provides comprehensive, responsive, and high-quality professional consulting services in environmental and social sectors extending throughout the national and international levels. We are providing service to our clients at their doorstep with just a single click or call. Our approach has enabled us to maintain a permanent presence in Pakistan as well as in the global world with maintaining the standards expected of international regulatory authorities. We recognize our staff as being our most important and valuable Paras. Pak Enviro persons have professional environmental, social, and engineering sectors experience extending throughout Pakistan and internationally. The whole team members are qualified in their respective fields viz., environment sciences, environmental engineering, social sciences and resettlement, Engineering, and Gender studies with complementary multi-disciplinary skills, enabling us to offer accurate, independent, and appropriate advice to clients and regulatory bodies. Our team members have extensive experience in their fields with international agencies like Asian Development Bank, World Bank, JICA, Islamic Bank, UNDP, JICB, etc., and are familiar with the policies and guidelines of these agencies.



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Pak -Enviro team of professional Safeguards (Environmental and Social Safeguards), Legal, Biochemists, Laboratory Analysts, Environmental Engineers Environmental Scientists, Gender and Resettlement Specialists provide superior solutions for environmental, natural, cultural, and sustainable resource needs in private and public sectors. Recognized for excellent customer service and modern-leading technical expertise, Pak -Enviro specialized in Environmental, Social, Land Acquisition Act, Environmental law, Labour Laws, and Industrial Laws and Regulations of the local, state, and federal agencies and International Agencies;

- a. *To carry out the business of consultancy in the field of Environmental, social, and economic development including developing, monitoring, and evaluating of environmental and social issues of Gender, Resettlement, Engineering, and non-Engineering projects.*
- b. *To carry out Feasibility studies and preparation of feasibility reports regarding the establishment of Environmental Projects, IEE (Initial Environmental Examination), and EIA (Environmental Impact Assessment) process as per and subject to laws of the land, Risk Assessment of Hazardous Chemical Storage, and Post Project Monitoring.*
- c. *To do, run, operate, and establish the biogas plant, bio-digesters, environmental control Plants, and Projects.*
- d. *To develop household, community, agriculture, and industrial solar energy plans, windmills, and water-efficient technologies and develop infrastructure and run and operate all alternate energy technologies.*
- e. *To carry out consultancy services in the field of Environmental Audits and Compliance in industries.*
- f. *To render consultancy services in the field of HSE (Health, Safety, and Environmental) services for human beings in their communities and industries in order to protect the general public and industrial workers against environmental hazards.*
- g. *To work for the conservation of habitat, soil, energy, water, and biodiversity, Supporting Rural Economic development by introducing Aquaculture and providing Training Services (General Environmental Awareness Training) for Public Awareness in Pakistan.*
- h. *To study solid waste management systems, air and water pollution, and industrial wastewater treatments.*
- i. *To carry out the planning for contaminated land remediation, drinking water monitoring, and freshwater assessment.*
- j. *Gender and Livelihood Restoration Management*

OUR SERVICES

The services offered by Pak-Enviro include but are not limited to the followings:



EIA/IEE

Over the past years, Pak Enviro has conducted Environmental Impact Assessment (EIA) and Initial Environmental Examination (IEE) in an expanding range of sectors including hydropower development, roads, industry, infrastructure, and development.

The EIA / IEE process requires a review of national and international legislation, an in-depth understanding of the proposed development, environmental baseline studies, impact assessment, and the development of an Environmental Management Plan (EMP) to minimize negative impacts and maximize positive effects. Often, an EIA / IEE is required at an early stage in the project cycle to obtain the environmental permit from the authorities that allow the development to proceed. However, more and more Pak- Enviro is providing input to the conceptual and detailed design phases of the project cycle. This allows potential environmental issues to be identified early, which enables issues to be designed out rather than being mitigated at a later stage.



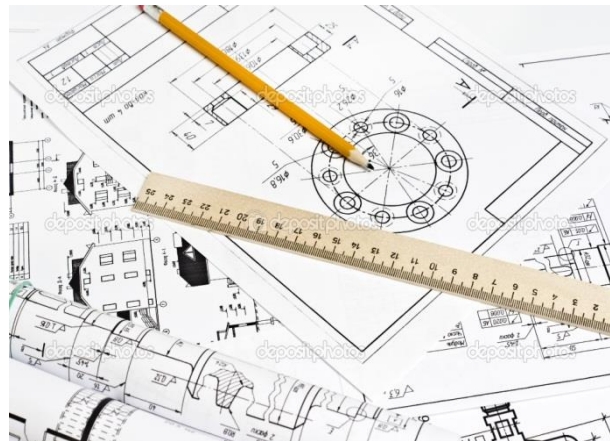
We rarely consider the production or submission of the assessment report to be the end of our involvement in the permitting process. If so instructed, we will follow the permit application through the governmental approval process and negotiate the permit's condition on behalf of the client.

This allows our clients to take advantage of our good relationship with the regulatory authorities that we have developed over the years and helps us to achieve a timely and streamlined result.

Biogas and Bio-digesters

Biogas from biological wastes tops renewable energies as it also prevents carbon emissions and environmental pollution. Biogas production not only provides energy, but also environmental protection and improvement of hygiene, and was an important aspect of the modernization of agriculture. Using biogas also solves the most serious problem of energy supply in rural areas, where people traditionally forage for fuel wood in the forest or where a natural gas supply is not there.

We are providing technical and consultancy services and installation services in biogas plants and bio-digesters. We are offering our





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clients reliable consultancy services regarding large-sized and small-scale biogas plants. Biogas digester end users realize economic and other benefits in the form of waste treatment, renewable energy, improved health conditions, and organic fertilizers.

Environmental and Social Safeguards Compliance Monitoring

Pak-Enviro has full capacity to conduct the monitoring of compliance of environmental and social safeguards set forth by financing institutions (like ADB, Islamic Bank, World Bank, JICA, etc.). These safeguards are to be implemented by Executing Agencies (e.g. NHA, WAPDA, and Provincial Government Departments, etc.). Pak-Enviro personnel are fully awarded and have experience in projects financed by IFIs.

Besides the above, if the project may have some type of environmental impact, it is critical to proactively work with consultants who can help you prevent obstacles or work through them. From construction monitoring, Operation to site inspections on an as-needed basis, to full environmental protection plans, Pak-Enviro's environmental compliance services ensure that you meet project deadlines while adhering to the regulatory requirements associated with your project. We provide construction-based environmental inspection services to help you avoid violations of environmental permits, agreements, and regulations. In addition to continuous oversight of contractor operations, we develop environmental inspection specifications as well as environmental quality control and assurance programs. Through our construction personnel training, we help contractors meet project owners' standards and control costs. We use a variety of tools, including interactive presentations, pocket brochures, manuals, and other materials, to increase awareness and environmental responsibility on every project.

- Construction and Operation Monitoring
- Third-party inspection services
- Environmental compliance training
- Compliance Management Plans
- Cultural resource monitoring and reporting
- Environmental damage assessments
- Habitat restoration plans
- Salvage and relocation of sensitive species
- Use of Person Protective Equipment(PPE) at the workplace
- Risk Assessment
- Gap Analysis at Managerial and Field staff
- Management of General Waste and Hazardous Waste
- OHSAS and OSHA
- Indigenous People
- An Environmental Friendly and Energy Efficient Nanotechnology for the Treatment of Industrial Wastewater (Slaughterhouse Wastewater).
- An Innovative Approach for Recycling the Denim Waste

Environmental Audits and Compliance

Pak-Enviro is fully qualified and experienced to conduct environmental and social compliance, and audits in industries, government, and semi-government organizations. Environmental



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compliance ensuring industry, government, and the community comply with environmental legislation is fundamental to environmental protection and the delivery of credible cost-effective regulation. Use our services in compliance audits as a tool to complement your regulatory activities.

HSE Services

We are a proactive and competent firm offering health and safety services, advice, documentation, and training. We are first in this that provides a comprehensive and integrated suite of health, safety, and environmental monitoring services to protect workers, assets, and the community in the most cost-effective manner possible. We provide face-to-face 'in-company' training courses – where our trainers will present courses and lectures at either your sites or at one of our facilities. Make your industrial safety manual and risk assessment of your company. We assist clients with health and safety training, manuals, risk assessments, safety precautions, hazard identification, hazard monitoring, hazard control, emergency preparedness, etc. The HSE services ensure that the people who work for your organization have the training that enables them to do their job in a way that respects the health and safety of themselves and others, and the environment.



Natural Resources Management

The issues that our clients deal with; and with a diverse group of biologists, ecologists, and other technical experts, Pak-Enviro addresses these biological, aquatic, terrestrial, and water issues with the ultimate goal of managing the natural resources on which we all depend. We specialize in all areas of natural resource management, including planning, mitigation, and permitting that are related to the Endangered Species Act (ESA) and other critical legislation for terrestrial and aquatic species and their habitats.

- Endangered Species Act compliance, including threatened & endangered species surveys
- Ecological assessment and restoration
- Comprehensive Conservation Plans (CCPs)
- Watershed Management Plans
- Forestry and forest restoration plans
- Grazing plans
- Mitigation plans and implementation
- Mitigation monitoring
- Special Area Management Plans (SAMPs)
- Integrated Natural Resources Management Plans (INRMPs)



Environmental/Industrial Monitoring

Industrial pollutions are one of the most prevalent problems in the world. Pak- Enviro is providing a helping hand to those industries that are struggling for reducing or monitoring the air, water, and noise pollution caused by their processes. We also conduct the environmental baseline monitoring viz., ambient air quality, ambient noise levels, and water quality tests, as a part of the EIA/IEE study. An EPA-certified lab has the following facilities:

- Ambient Air Monitoring
- Stack Emissions Monitoring
- Wastewater Analysis
- Drinking Water Analysis
- Noise Level Monitoring
- Illumination Level Monitoring
- Soil Analysis

Wastewater treatment

Remove grit and solids to improve water quality and reduce sludge handling costs at water and wastewater treatment plants.

Growing populations are placing a greater operational burden on existing water treatment facilities, and both current plants and new projects must contend equally with the damaging and costly effects of grit. Solids carried in wastewater accumulate in downstream processes, which reduce plant efficiency as well as cause damaging abrasion to treatment systems—increasing operational and maintenance costs. We are also providing these facilities for wastewater treatment.



1. Grit Removal

Grit management technologies protect downstream processes, cutting maintenance and preventing clogging and deposition, and sludge management products improve dewatering and reduce solids handling.

2. Bio Solids Pretreatment

Biosolids pretreatment includes removing sand, grit, rags, and tramp materials from wastewater sludge. This help to improve the quality of sludge which provides additional disposal and treatment options and increases the efficiency of other sludge treatment processes

3. Industrial Waste Water Treatment



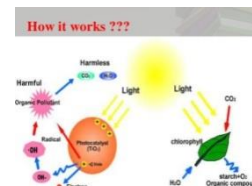
Most industrial processes use water, and many of them use significant amounts of it. Many types of factory activities such as plant cleaning, material conveying, bottling, and product washing create wastewater. For many industrial facilities, this can lead to a tremendous amount of wastewater that needs to be treated before it can be sent to a sewer system, land applied, or discharged into waterways. Wastewater from industrial processing often requires on-site treatment before it can be discharged to prevent or reduce sewer surcharge fees.

Screening and pretreatment equipment is reducing loads on your other wastewater treatment processes, recovers by-products, lowers or prevents sewer surcharge fees, and can help with water reuse.

Nanotechnology in wastewater treatment:

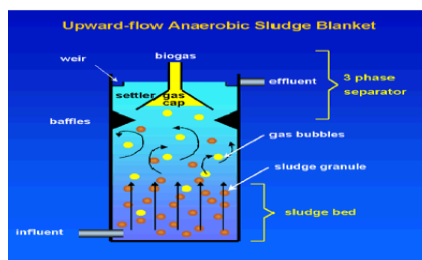
Nanoparticles have great potential to be used in wastewater treatment.

Its unique characteristic of having a high surface area can be used efficiently for removing toxic metal ions, disease-causing microbes, and organic and inorganic pollutants from wastewater.



UASB Treated Municipal Wastewater by the Application of Advanced Oxidation Processes

Disinfection of aerobically treated municipal wastewater was done using ozone, UV, H₂O₂, peracetic acid, and advanced oxidation processes (O₃/H₂O₂, O₃/UV, H₂O₂/UV, H₂O₂/sunlight). Ozone, UV irradiation, and H₂O₂ eliminated 99% of pathogens (total coliform, fecal coliform, and E. coli) at an ozonation time of 20 min at the rate of 1000 mg/hr; UV irradiation time of 11 min and H₂O₂ dose of 336 mg/L. The use of combined systems (H₂O₂/sunlight) is especially promising due to the synergistic TEMPEffect and cost-effectiveness. Re-growth of pathogens increased with an increase in time and temperature (from 15 to 35°C). The presence of nutrients and fluorescent light enhanced the rate of reactivation of pathogens.



Solid Waste Management

In today's contemporary world, rampant urbanization, and changes in living standards followed by other factors have made waste management a challenging task. In urban areas and Rural areas per capita waste generation is being increased rapidly over time and its composition varies due to income levels, climatic conditions, and social behavior.



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Pak- Enviro Consultants is providing Solid Waste Management like solid waste collection, transfer, processing, incineration, and Landfill service. Our team is facilitating innovative efficient solid waste management service, creating environmental sustainability, promoting waste diversion, and maintaining a clean and safe environment.



Institutional Development

In the last couple of decades, the concept of Institutional Development and the strengthening of organizations has gained far more significance. All the development organizations are focusing on institutional strengthening, development, and capacity building to make it sustainable. This can be defined as “The creation or reinforcement of a network of organizations to effectively generate, allocate and use human, material, and financial resources to attain specific objectives on a sustainable basis”.

High Rise and Commercial Projects

We are also providing these facilities as per our valuable client’s demand

- ✓ Project Feasibility study
- ✓ Architecture Design
- ✓ Structure Design
- ✓ Public Health Design
- ✓ Electrical Design
- ✓ Project Approval Documents and Drawing
- ✓ In house state Art facility
- ✓ Presentation Design
- ✓ Computer Modeling of Building and Spaces

Installation of Equipment in any company/ new project

Pak-Enviro Consultants is providing the Installation of equipment in the Company to fulfill the compliance of concern the Environmental Protection Agencies (EPA, s) as per our customer’s will.

Pak- Enviro, within the context of the Environmental Impact Assessment, Resettlement, and Rehabilitation, is capable of providing support and assisting in the establishment of organizational setup and institutional strengthening through the effective utilization of the existing resources and proposing a strengthening of the organizations through effective use of the resources.



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OUR TEAM

Name	Designation	Qualification/ Area of Expertise
Asif Bilal	Chairperson	HR, Marketing, Finance, and Environment
Zeenat Aamir	Vice Chairperson	Marketing, Management, and Communication
Dr. Nawaz	External Environmental Expert Geologist	Ph.D. in mineralogy (1967) from London University Postdoc in structure & tectonics (1996) from Zurich, Switzerland
Prof. Dr Sajid Rashid Ahmad	External Environmental Advisor	M.Sc. (PB), M.Sc. (Canada), Ph.D. (Canada)
Shahid Sharif	Legal Advisor	M.BA ,LLB,LLM,
Dr. Kiran Bukhari	Environmental Expert/ Laboratory Analyst	PhD. Environment
Hina Batool	Environmental / Social Expert	PhD (scholar) Environment
Rabia Bassri Qureshi	Environmental Engineer/Marketing Manager	MSc(Environmental Engineering) UET, Lahore
Sidra Shahid	Social and Resettlement/ Gender Expert	M.sc(Sociology)
Sabah Iqbal	Environmental/Social/Resettlement/ Gender Expert	MS(Environmental Engineering)/ M.Sc. sustainable development



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Amna Rana	Environmental Scientist	MS (Environmental Sciences)
Zeba Haseeb	Environmental Scientist	MS (Environmental Sciences)
Fatima Rauf	IT/ Software Engineer	BSc (Hons)
Muzaffar Iqbal	Senior Sociologist / Resettlement Expert and Legal Advisor	M.A (sociologist), PU, LLB, Bahaud-din Zakariya University Multan
Muhammad Tariq	Senior Civil Engineer	BS (Civil Engineer) UET, Lahore
Hussnain Tariq	Architecture Engineer	BS (Architecture Engineering)
Ahsan Naseer Khan	Environmental Engineer	MS (Environmental engineering)
Ibrahim shah	Finance Expert	MBA(finance)
Asim Raza	HR Expert	M.Com (Finance/Marketing)

OUR EXPERIENCE

- ❖ Environmental Impact Assessment (EIA) Shalimar organic, Sunder Industrial Estate
- ❖ Environmental Impact Assessment (EIA) of Anoud Gas (LPG filling plant), DG Khan.
- ❖ Environmental Impact Assessment (EIA) Installation Of Incineration M/S KARAMAT ULLAH UNIT, Jahaniah Road District Khenwal
- ❖ Environmental Impact Assessment (EIA) Amanat Ullah, Sheikhpura
- ❖ Environmental Impact Assessment (EIA) of Rehman Classic (Marbal Industries) Sunder Industrial Estate, Lahore.
- ❖ Environmental Impact Assessment (EIA) of M/s Professional Beauty Solutions, 507 at Sunder Industrial Estate, District Lahore.
- ❖ Environmental Impact Assessment (EIA) of M/s Green and Clean Pakistan, Plot Number 171-A FIEDMC, Main Expressway Faisalabad, Pakistan.
- ❖ Initial Environmental Examination (IEE) of Jenner Laboratories, Shiekhupura
- ❖ Initial Environmental Examination (IEE) of Bhutta Poultry Farm, DG Khan
- ❖ Initial Environmental Examination (IEE) of Al-Fiaz Poultry Farm, DG Khan
- ❖ Initial Environmental Examination (IEE) of Ghazi Poultry Farm, DG Khan



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- ❖ Initial Environmental Examination (IEE) of Gulzar Poultry Farm, DG Khan
- ❖ Initial Environmental Examination (IEE) of Al-Qurashi Poultry Farm, Bahawalpur
- ❖ Initial Environmental Examination (IEE) of Bhutta Poultry Farm, DG Khan
- ❖ Initial Environmental Examination (IEE) of New Rubber & Plastic Unit, Plot # 352, Sunder Industrial Estate, Lahore.
- ❖ Initial Environmental Examination (IEE) of Eagle foods international warehouse, Sunder Industrial Estate, Lahore.
- ❖ Initial Environmental Examination (IEE) of Decent Industries International Warehouse Sunder Industrial Estate, Lahore
- ❖ Initial Environmental Examination (IEE) of Grand Pharma Industrial Estate, Rawalpindi Lahore.
- ❖ Initial Environmental Examination (IEE) of Ali Pharmaceutical; plot#229 Sunder Industrial Estates, Lahore.
- ❖ Initial Environmental Examination (IEE) of Rafique Flour Mills Khewat # 371, 379, Khatooni # 855, 871. Khasra #53, 64. Lahore.
- ❖ Initial Environmental Examination (IEE) of General Mills Sharqpur Road, Dhamkey Stop, District Sheikhpura
- ❖ Initial Environmental Examination (IEE) of AlFAH Industries (Fabric knitting Unit), Plot # 463,464, Sunder Industrial Estate, Lahore
- ❖ Initial Environmental Examination (IEE) of J.R Raising (Fabric knitting Unit), Plot # 70-H, Sunder Industrial Estate, Lahore
- ❖ Initial Environmental Examination (IEE) of Ghulam Mustafa Center (Plaza), M.A. Jinnah road Tehsil and District Okara.
- ❖ Initial Environmental Examination (IEE) of Imran Housing Scheme (S.A Gardens) Mouza Chowk # 37 G.T Road District Sheikhpura.
- ❖ Initial Environmental Examination (IEE) of Aamir Housing Scheme, Mouza Chowk # 37 Tehseel Ferozawala District Sheikhpura.
- ❖ Initial Environmental Examination (IEE) of Al Kareem Garden Lahore
- ❖ Initial Environmental Examination (IEE) of Rehman Garden L Sheikhpura
- ❖ Initial Environmental Examination (IEE) of Construction of Ware House, Plot # 299, Sunder Industrial Estate, Lahore.
- ❖ Initial Environmental Examination (IEE) of Chief Fabrics (Pvt.) Ltd. Plot # 505 Sunder Industrial Estates, Lahore.
- ❖ Initial Environmental Examination (IEE) of Crescent Ware House, Plot # 125, Sundar Industrial Estate, Lahore.
- ❖ Initial Environmental Examination (IEE) of M/S Sheikh Traders (Ware House) Plot # 299 Sundar Industrial Estates, Lahore.
- ❖ Initial Environmental Examination (IEE) of Commercial Plaza Takbeer arcades Tehsil Cant. Lahore.
- ❖ Initial Environmental Examination (IEE) of Abdullah Haseen Anglo. Chemical Industry, DG Khan
- ❖ Insaf Cotton Industry D.G Khan
- ❖ Initial Environmental Examination (IEE) of SA Garden
- ❖ Initial Environmental Examination (IEE) of Khan Smelting unit Multan



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- ❖ Initial Environmental Examination (IEE) of wasabi Cotton Industry D.G Khan
- ❖ Initial Environmental Examination (IEE) of Tybba Cotton Industry D.G Khan
- ❖ Initial Environmental Examination (IEE) of Burhan Cotton Industry D.G Khan
- ❖ Initial Environmental Examination (IEE) of Umar Cotton Industry D.G Khan
- ❖ Worked on the project of Door to Door collection and its feasibility in Lahore, Pakistan
- ❖ Al-Rehman Controlshed Khanewal.
- ❖ Initial Environmental Examination (IEE) of Orion protein farm Khanewal.
- ❖ Initial Environmental Examination (IEE) of Fazilat Moderator (SMC-PVT) Limited, (The collection, handling, segregation, selling, and transportation of various types of Municipal Solid Waste).
- ❖ Initial Environmental Examination (IEE) of Zaib Marriage Hall, Khanewal.
- ❖ Initial Environmental Examination (IEE) of Aspire College Khanewal.
- ❖ Initial Environmental Examination (IEE) of D- Foundary Khanewal.
- ❖ Initial Environmental Examination (IEE) of Sufi shah Muhammad and Sons kabaria Khanewal.
- ❖ Initial Environmental Examination (IEE) of NOVA Engineering Co, Plot#367, Sunder Industrial Estate, Lahore.
- ❖ Initial Environmental Examination (IEE) of Jannat Medicare, Khanewal.



ACKNOWLEDGMENT OF REGISTRATION OF FIRM



FORM C
RULE 9(A)

No. 2672

Year 2009-2010

The Registrar of Firms, City District Government, Lahore hereby acknowledges the receipt of the statement prescribed by section 58(1) of the Partnership Act, 1932. The statement has been filed and the name of the firm PAK ENVIRO CONSULTANTS

55, K DHA Lahore Cantt,

has been entered in the Register of Firms.

Note: The firm may, if it desires or feels necessary to indicate after its name that it is a registered concern, it should add the following wording or vernacular translation thereof "Registered under the partnership Act, 1932."

Lahore :

Dated : 05 MAR 2010



(MUHAMMAD JAVEED IQBAL QURESHI)

Registrar of Firms,
City District Govt. Lahore