ENVIRONMENTAL IMPACT ASSESSMENT-EIA

REPORT FOR PROPOSED
INTEGRATED WASTE MANAGEMENT FACILITY
UNDER THE NAME
BY

M/S CENOT INTERNATIONAL

MANGA RAIWIND ROAD, VILLAGE ROSA, TEHSIL KOT RADHA KISHAN
DISTRICT KASUR

PROJECT PROPONENT: **MR. ALI ASGHAR QAYYUM**

ENVIRONMENT CONSULTANT: **PAK GREEN ENVIRO-ENGINEEERING PVT. LIMITED**

TABLE OF CONTENTS

LIST OF ABBREVIATIONS

EPA	Environmental Protection Agency
PEQS	Punjab Environmental Quality Standards
WAPDA	Water And Power Development Authority
EMP	Environmental Management Plan
EMMP	Environmental Management & Monitoring Plan
WWTF	Waste Water Treatment Facility
Pak-EPA	Pakistan Environmental Protection Agency
W.H.O	World Health Organization
SWM	Solid Waste Management
CSR	Corporate Social Responsibility
MSWs	Municipal Solid Wastes
TMA	Town Municipal Authority
KVA	Kilo Volt Ampere
PPEs	Personal protective equipment's
PM	Particulate matter
C&D	Construction & Demolition
STP	Sewage Treatment Plant

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

TITLE AND LOCATION OF THE PROJECT

Proposed project is the establishment of integrated waste management facility including; Waste Metal/Items Recycling, dismantling of de-gassed/de-oiled compress, Recycling of waste cables/ conductor (into metal by removing plastic insulation), Waste Food Items Recycling, Plastic Waste Item Recycling and Other Diverse Industrial Waste by M/s Cenote International located at Manga Raiwind Road, Village Rosa, Tehsil Kot Radha Kishan District Kasur. Proponent intends to get the environmental approval for the proposed project by submission of EIA report for the said project for the compliance of section 12 of Punjab Environmental Protection Act, 1997 (Amended 2012). The current utilization of the site involves the storage of pet animals, which has led to the establishment of small sheds. These sheds are scheduled for demolition to facilitate the implementation of the proposed project.

Project falls under Schedule-II, Category G of Review of IEE/ EIA Regulations, 2022. TORs of the study under clause 5 (f) of policy and procedure for the filing, review and approval of environmental assessment are annexed as **Annexure-A.**

Location

Project site is located at 51-B, PUEHS Town, Abdul Sattar Edhi Road, Lahore.

Figure 1: Proposed Site

Project Coordinates	**31°15'53.8343" N**	**74°7'40.5532" E**

PROJECT PROPONENT

Proponent Name: Mr. Ali Asghar Qayyum

CNIC #: 35402-1960130-7

Residence: Post office Khaas, Bacheki, Tehsil & District Nankana Sahib

For further details, Copy of CNIC of the proponent and undertaking mentioning witnesses and other relevant documents are attached as **Annexure-C** with the EIA report.

The google map and layout map of project is attached as **Annexure-B**

ENVIRONMENTAL CONSULTANT

Pak Green Enviro-Engineering (Pvt.) Ltd, as independent consultants, has been appointed by the proponent to conduct Environmental Impact Assessment Study.

Company office address: 46-M, Gulberg III, Lahore

Contact: 042-35441444, 0303-4442335

For detail company profile see the *Chapter # 1 "Introduction"*

BRIEF OUTLINE OF THE PROPOSAL

Nature of the project:	Proposed establishment of Integrated Waste Management Facility.
Area:	**22 Kanal 7 Marla**
Description of the project:	Project includes the following processes; Incineration, Plastic flakes formation, Dismantling & smelting and Disposal services for Ash, Mud & Wastewater.
Features of the project	Project's main features are; Covered area of incinerator, yellow & store room, covered recycling unit, covered shed yard for plastic flakes making machine, labor quarters and admin offices area.

Current status of the project:	Subject project is proposed, construction will be started after getting the environmental approval.
Capital Cost of the project:	Rs. 240 million approx.
Objectives of the project:	The establishment of this facility shall fulfill the following objectives: • The primary overall objective is to promote integrated and scientific methods for the disposal and management of waste. • Establishment of business for the proponent as well as to counter the existing ill practices of waste management which severely deteriorate our environment. • Promote recycling/ reuse of the waste material.
Power Requirement:	Fulfilled by WAPDA/ Standby diesel generator
Labor:	During construction Labor: 10-15 No. of People during Operation: 25-30
Water Requirement:	During Construction: 4000-5000 liters per day for constructional and domestic uses. During Operation: water will be required for scrubbing system with stack and for domestic activities at site for which approx. 8000-10000 Liters/day.
Wastewater generation:	60-70% of the used water will be the waste water
Solid waste:	During Construction: construction and domestic waste During operation: domestic waste will be produced mainly consist of recyclable items.

THE MAJOR IMPACTS:

Significant Impacts to be determined:

Air emissions i.e., PM, Sox, Nox, CO2, CO etc., are significant impacts along with wastewater from scrubbers that should be determined and monitored during life cycle of the project.

Impacts	Mitigation Measures
Project Location	
• **Acquisition of land** • **Loss of environmentally sensitive areas** • **Changes in traffic pattern** • **Potential conflicts with stakeholders** • **Resettlement issues**	✓ It is recommended for obtaining of approval from other relevant departments. ✓ The proposed land is the property of the proponent of M/s Cenot Limited. ✓ There is not any sensitive area near the project site. ✓ Proponent will achieve the NEQS/ PEQS at the boundary walls of the subject project to avoid the environmental impacts on the nearby industrial unit. ✓ There is no need to change the traffic pattern due the development of the subject project because no. of industries has been developed at the same road. ✓ It is recommended to settle the issues through scoping and specific group discussions. ✓ No resettlement issues
Project Design	
• **Structure stability**	✓ Structure stability of the project building should be ensured

• **Soil structure and soil bearing capacity** • **Road infrastructure design** • **Emergency exits** • **Firefighting system** • **Wastewater disposal system design** • **Electricity hazards** • **Ventilation**	✓ Safe road infrastructure design should be provided at the project site. ✓ Emergency exist points should be marked within the project building. ✓ Firefighting equipment must be maintained at the site in good working condition. ✓ Efficient wastewater disposal system should be designed for proper treatment of wastewater ✓ Electricity system should be designed safe and sound. ✓ Proper ventilation should be ensured in the project building.
Construction phase	
Land & Soil	
• **Land or Soil Erosion during the construction phase** • **Habitat destruction** • **Scarring of the landscape and aesthetic beauty.** • **Clearing of native plants will disturb the complexity of the ecosystem of the proposed area.** • **Leakage of oil from storage area may contaminate soil**	✓ Sprinkling of water is recommended ✓ After construction phase, the project Proponent will restore the land by plantation. ✓ All spoils will be disposed of as desired and the site will be restored back to its original conditions ✓ Aesthetic of the area will be maintained. ✓ Oils, lubricants, chemicals, and other listed hazardous materials should be stored safely at their designated spots, enclosures or store rooms, which should be safe from rainfall and away from any potential source of fire.
Air pollution and Dust emission	

• **The transportation of the machineries and material also may cause dust.** • **Un-metaled roads may cause dust.** • **Dust raised on dirt tracks by project-related vehicles.** • **Dust from drilling of deep holes.** • **Combustion products from vehicles / construction related activities/ standby generator**	✓ Air emissions-controlled devices must be installed to control the air pollution ✓ Water the construction site periodically to minimize fugitive dust generation while laying foundation ✓ Store all construction materials in a manner to minimize generation of dust and spillage on roads. ✓ During excavation works drop heights will be minimized to control the fall of materials reducing dust escape. ✓ Sprinkling of water must be done to control the dust or PM ✓ Vehicle emissions inspection should be done on regular basis ✓ Sprinkling should be done on the unpaved area to avoid dust pollution/ particulate matter. ✓ Vehicles/ trucks should be serviced regularly ✓ All project vehicles will be checked regularly to ensure that engines are in sound working condition and are not emitting smoke.
Noise	
• **The major sources of the noise are construction related machinery/ activities.** • **High noise level cause hearing loss, deafness, high blood pressure, headache, depression and mentally disturbance.**	✓ Personal Protective Equipment PPEs including Ear muffs, Ear plugs and other noise abating equipment will be provided to the workers and other staff of the subject project. ✓ Proper maintenance and tuning of the vehicles should be done.

• **Noise level will not exceed 75 dB(A) at the distance of 2 km radius.** • **Noise from construction activities from site preparation, earth works, foundation and plant equipment installation**	✓ Sound proof room should be built for generator (if any) to control the noise. ✓ A speed restriction of 40 km/h will be imposed on all construction vehicles.
Wastewater	
• **Domestic wastewater from the camp** • **Minor generation of waste water from construction activity.** • **Water Contamination due to improper storage of construction material,** • **Water contamination due to improper debris disposal,** • **Spread of diseases, underground water contamination**	✓ Domestic wastewater will be drained out in nearby local drain after treated in septic tanks or can be utilized for sprinkling on dusty tracks after treatment. ✓ Oils, lubricants, chemicals, and other listed hazardous materials should be stored safely at their designated spots, enclosures or store rooms, which should be safe from rainfall
Solid waste	
• **Solid waste may generate from construction activity, domestic and packing material of project related machineries.**	✓ Solid waste generated from the construction activity as sand, stones residues etc. that should be utilized in restoration of the area i.e., for levelling of the surface area whereas solid waste from the domestic sources should be disposed off properly ✓ Proper solid waste management system is recommended.
Health and Safety	

• **Health and safety issues will be arisen during construction activity, handling of material, machinery and improper practices of work**	✓ Use of PPEs should be implemented at workplace. ✓ First aid measures/medical facility should be provided to project related employees. ✓ Safe drinking water must be provided to workers, staff, and poor people of the area. ✓ Safety signs & boards should be placed at during construction activity. ✓ Construction site should be fenced properly to avoid any damage to nearby settlements ✓ smoking or any drugs should be prohibited during working hours or performing work ✓ At the time of earthwork, fencing will be ensured for the area under the exploration
Operation phase	
Land & Soil	
• **Land or Soil Erosion during the operation phase** • **Habitat destruction due to improper waste/ ash dumping** • **Scarring of the landscape and aesthetic beauty.** • **Leakage of oil from storage area may contaminate soil.**	✓ Sprinkling of water is recommended to prevent the soil erosion ✓ The project proponent will restore the land by plantation. ✓ Aesthetics of the area will be maintained by planting native trees. ✓ Oils, lubricants, chemicals, and other listed hazardous materials should be stored safely at their designated spots, enclosures or store rooms, which

	should be safe from rainfall and away from any potential source of fire. ✓ Ash from incinerator should be disposed off in scientific way i.e., ash pit/ disposed in landfill site.
Air pollution and Dust emission	
• **The transportation of the waste material also may cause dust due to un-metaled roads by project-related vehicles.** • **PM from stack of incinerator/ smelting plant.** • **Combustion products from operation related activities i.e., Incinerator, Smelting / standby generator**	✓ Air emissions-controlled devices must be installed to control the air pollution i.e., cyclone, scrubber, bag house filters etc., ✓ Water/ sprinkling on the unpaved site to minimize fugitive dust generation. ✓ Vehicle emissions inspection should be done on regular basis ✓ Vehicles/ trucks/ generator should be serviced regularly ✓ All project vehicles will be checked regularly to ensure that engines are in sound working condition and are not emitting smoke. ✓ Regular Monitoring of the stack emissions/ ambient air should be ensured as per PEQS.
Noise	
• **The major sources of the noise are operation related machinery/ activities i.e., working of incinerator/ plastic flakes machine/ standby generator etc.,** • **High noise level cause hearing loss, deafness, high blood**	✓ Personal Protective Equipment PPEs including Ear muffs, Ear plugs and other noise abating equipment will be provided to the workers and other staff of the subject project. ✓ Proper maintenance and tuning of the machinery should be done.

pressure, headache, depression and mentally disturbance. • **Noise level will not exceed 75 dB(A) at the boundary.**	✓ Sound proof room should be built for generator (if any) to control the noise. ✓ Regular monitoring of the noise level at site should be ensured as per PEQS.
Waste Water	
• **Domestic wastewater.** • **Minor generation of waste water from operation activity i.e., scrubbers.** • **Water Contamination due to improper treatment and disposal.** • **Water contamination due to improper debris disposal,** • **Spread of diseases, underground water contamination**	✓ Domestic wastewater will be drained out in nearby local drain after treated in septic tanks ✓ Oils, lubricants, chemicals, and other listed hazardous materials should be stored safely at their designated spots, enclosures or store rooms, which should be safe from rainfall.
Solid waste/Ash	
• **Solid waste may generate from project activity, domestic and packing material of waste.**	✓ A solid waste management division should be formulated to deal with the proper disposal of solid waste, supervised by HSE Manager/ SW Manager and other related personnel. ✓ Solid waste generated from the incinerator as ash should be disposed off in properly engineered ash pit whereas solid waste from the domestic sources should be disposed off properly ✓ Proper solid waste management system is recommended.
Health and Safety	

• **Health and safety issues will be arisen during project activity, handling of material, machinery and improper practices of work**	✓ Use of PPEs should be implemented at workplace. ✓ First aid measures/medical facility should be provided to project related employees. ✓ Safe drinking water must be provided to workers, staff, and poor people of the area. ✓ Safety signs & boards should be placed at during construction activity. ✓ Construction site should be bounded properly to avoid any damage to nearby settlements ✓ smoking or any drugs should be prohibited during working hours or performing work ✓ Proper firefighting measures should be adopted.

PROPOSED ENVIRONMENTAL MONITORING

To oversee the environmental performance of the project through its lifecycle enforcing the PEQS an Environmental Monitoring Program should be formulated which ensures effective surveillance of the environmental parameters at various stages of the project development and compliances with PEQS and legal obligations. Monitoring for Environmental Parameters is recommended:

Ambient Air

Regular monitoring for Ambient Air should be conducted during construction phase of the project as per PEQS.

Noise

Regular monitoring for noise level should be conducted during construction and for generator during operational phase of the project as per PEQS.

Water quality

Regular monitoring for water quality should be conducted as per PEQS.

Recommendation: Environmental Monitoring data log book should be maintained by the project proponent.

CHAPTER 1:

INTRODUCTION

CHAPTER # 1

INTRODUCTION

PURPOSE OF THE REPORT

Environmental Impact Assessment (EIA) report is being submitted to the Environmental Protection Agency (EPA), Government of the Punjab, Lahore in compliance with the legal requirement for Punjab Environment Protection Act-1997 (Amended 2012), Section 12- for obtaining No Objection Certificate (NOC) for the subject project. The other relevant regulations and guidelines considered while preparing this EIA report include:

- Policy and procedures for filing, review and approval of environmental assessments.
- Guidelines for the preparation and review of environmental reports.
- Guidelines for public participation.
- Guidelines for sensitive and critical areas.
- Detailed sectorial guidelines

Various aspects like environmental, social, physical and other aspects of the project both during construction and its regular occupancy are highlighted in this EIA report. Measures necessary to be adopted to mitigate any environmental impacts on any part of the environment around are also described. All the important information is also provided as described under the format used to help decision makers, EPA Punjab in the present case, before issuing the desired Environmental Approval.

IDENTIFICATION OF THE PROJECT AND PROPONENT

Subject project can be considered under Category G of Schedule II for EIA, of Review of IEE/ EIA Regulations, 2022.

PROJECT PROPONENT

Name of the Proponent	Mr. Ali Asghar Qayyum
CNIC No.	35402-1960130-7
Residence Address	Post office Khaas, Bacheki, Tehsil & District Nankana Sahib

For further details, Copy of CNIC of proponent and undertaking including witnesses' details and other relevant documents are attached as **Annexure-C**.

DETAILS OF CONSULTANT

Pak Green Enviro-Engineering Pvt. Limited is an independent company, who conducts IEE, EIA, EMP and other environmental investigations through its panel of environmental consultants, public participation practitioners and experienced environmental managers. The company has its own recommended instruments to check the baseline environmental data/PEQS and lab analysis facility for water, waste water priority parameters.

Contact: Pak Green Enviro-Engineering (Pvt.) Ltd.
Company office address: 46-M, Gulberg III, Lahore
Contact: 042-35441444, 0303-4442335Tel: 042-35441444, 03034442335

The current study was carried out by the following professionals:

Sr. #	Designation	Name/Qualification	Experience
1)	Chief Environmentalist/ Lead Environmental Professional	Dr. Imtiaz Hussain PhD Scholar Environmental Management	Ten Years' Experience as Environmentalist
2)	Director/ Senior Environmentalist/ Environmental Professional	Iftikhar Ahmed M.Phil Environmental Sciences	Eight Years' Experience as Environmentalist
3)	Chief Chemist/ Subject Matter Specialist (SMS)	Muhammad Raza ullah M.sc Chemsitry GCU Lahore	Twenty Years' experience
4)	Project Coordinator	Sabeera Tauheed M.phil Environmental Sciences, PU, Lahore	Four Years' Experience

5)	Subject Matter Specialist	Qurat-ul-Ain BS Chemistry GCU, Lahore	Five Years' Experience as Environmentalist
6)	Associate Environmental professional	Nageen Qayyum BS Hons. Environmental Sciences PU, Lahore	2 Years' Experience as Environmentalist
7)	Associate Environmental professional	Muhammad Imran BS Environmental Engineering	2-year Experience
8)	Associate Environmental professional	Umair Rasheed BS (Hons) GC University Lahore	Two years' Experience as a Deputy Analyst
9)	Associate Environmental professional/ Author of the report	Sabeera Tauheed M.Phil. Environmental Sciences, PU, Lahore	4 years' Experience as Environmentalist

BRIEF DESCRIPTION OF NATURE, SIZE AND LOCATION OF PROJECT

Nature:

Project is the proposed establishment of Integrated Waste Management Facility.

Size:

Total land area for proposed project is 22 Kanal 07 Marla.

Location

Land coordinates of the project site are 31°15'53.9031"N, 74°7'40.4484"E:

North: Road Access

South: Building

East: Building

West: Open Land

SCOPING:

Spatial and temporal boundaries of study:

The Environmental assessment study was done in 5km radius of proposed project site from April to June.

CHAPTER 2:

CONSIDERATION OF ALTERNATIVES

CHAPTER # 2
CONSIDERATION OF THE ALTERNATIVES
SITE ALTERNATIVES, THEIR SELECTION AND REJECTION CRITERIA

Rejected sites

Rejected site A

Alternative site that was considered was near to Gujranwala. Alternative site was not suitable because following factors:

i. Proponent was not owner of this land

ii. Site was adjacent to populated area

Rejected site B

Alternative site that was considered was near to Jaranwala. Alternative site was not suitable because following factors:

i. Available site was rich in nutrients and was best for agricultural purpose.

ii. Area was not large enough for establishment for the project

iii. Heavy traffic movement cause major issue of traffic management

SELECTED SITE

Subject project site is located at Manga Raiwind Road, Village Rosa, Tehsil Kot Radha Kishan District Kasur. The aim of proposed project is to develop a integrated waste management company under the name of Cenot International

Reason of selecting existing site:

- Easy access of road, power supply and other basic facilities.
- Economically Feasible
- No vegetation clearance
- Land is plain
- Availability of water is plenty

DESIGN/TECHNOLOGY ALTERNATIVES, THEIR SELECTION AND REJECTION CRITERIA

The proposed project will consist of Proposed project is the establishment of integrated waste management facility including; Waste Metal/Items Recycling, dismantling of de-gassed/de-oiled compress, Recycling of waste cables/ conductor (into metal by removing plastic

insulation), Waste Food Items Recycling, Plastic Waste Item Recycling and Other Diverse Industrial Waste

ENVIRONMENTAL ALTERNATIVES, THEIR SELECTION AND REJECTION CRITERIA

The project is located in the outskirt of Kasur District. The site is located at an agricultural cum commercial area. Construction of project in this area will have minimal impact on the daily life people living in Kasur. The project proponent is recommended to make sure that emission produced during the project operations are within the PEQS limits.

ECONOMIC ALTERNATIVE, THEIR SELECTION AND REJECTION CRITERIA

The project proponent intends to Construction of Proposed project is the establishment of integrated waste management facility including; Waste Metal/Items Recycling, dismantling of de-gassed/de-oiled compress, Recycling of waste cables/ conductor (into metal by removing plastic insulation), Waste Food Items Recycling, Plastic Waste Item Recycling and Other Diverse Industrial Waste by M/S Cenot International. This project will provide employment 50-60 laborer during construction phase and 30-40 workers and managerial staff at operation phase.

CHAPTER 3:

DESCRIPTION OF THE PROJECT

CHAPTER # 3

DESCRIPTION OF THE PROJECT

TYPE AND CATEGORY OF THE PROJECT:

Site proposed for the subject project is situated at Manga Raiwind Road, Village Rosa, Tehsil Kot Radha Kishan District Kasur. Total area of the project is 22 Kanal 07 Marla.

Project can be considered under Schedule-II, Category G of Review of IEE/ EIA Regulations, 2022.

OBJECTIVES OF THE PROJECT

The establishment of this facility shall fulfill the following objectives:

- The primary overall objective is to promote integrated and scientific methods for the disposal and management of waste.
- Establishment of business for the proponent as well as to counter the existing ill practices of waste management which severely deteriorate our environment.
- Promote recycling/ reuse of the waste material.

ALTERNATIVES CONSIDERED, AND REASONS FOR THEIR REJECTION

Location alternative

The site alternative means that different sites would be chosen for a single project. Sites may vary in Topography, geology, seismology, climatic, soil, rainfall, wind, flora, fauna conditions etc. that site is selected which have minimum impacts of the project on environment.

Selected site has been considered the best possible option for the said project as it is at safe distance from nearest settlement, away from hustle bustle of the urban life means it will not contribute to traffic congestion and issues like disturbance to neighborhood.

Process / Design alternative

Subject project building will be constructed according to the best engineering designs. All provisions have been incorporated in the design of the building for sustainable development. Keeping these requirements and their feasibility and other basic infrastructural requirements at the site, the present building will be ideally suited for its purposes. Proper pollution control equipment/ systems will be adopted.

LOCATION AND SITE LAYOUT OF THE PROJECT SITE:

LAND USE ON SITE

The current utilization of the site involves the storage of pet animals, which has led to the establishment of small sheds. These sheds are scheduled for demolition to facilitate the implementation of the proposed project. Land ownership documents are attached with this report as **Annexure- C.**

VEGETATION FEATURES OF THE PROJECT SITE

Presently site is completely open and covered with some shrubs/ grass. The site is fairly level. Different grasses and weeds are present; grasses/ weeds will be cleared for the purpose of construction. Further plantation will be done around the premises of the project area for restoration.

COST AND MAGNITUDE OF OPERATION:

Total area for the project is 21 Kanal 02 Marla and initial cost of the project is Rs. 240 million.

SCHEDULE OF IMPLEMENTATION

Necessary legal, administrative and financial formalities are being finalized. Construction will be started after getting the Environmental Approval.

DESCRIPTION OF PROCESS(S)

The Project is an integrated waste management industry for the recycling and management of various industrial waste types. It has the capacity for metal shredding at 7600MT per month, plastic processing at 6500MT per month, the handling of food/organic waste at 8000 tons per month, dismantling of de-gassed, de-oiled compressors 6000MT/month, recycling of waste cables/conductors (into metal by removing plastic insulation) 8000MT per month and sustainable management of other diverse industrial waste types.

Process

Key project activities will be including

Waste Metal/Items Recycling:

Collection: Scrap metal will be collected from various sources, including manufacturing plants, demolition sites, and consumer discards under agreed contract

Sorting: The collected metal will be sorted based on type and size.

Shredding: Larger pieces can be shredded into smaller fragments using specialized machinery if required.

Fabrication: The recycled item can either be fabricated on-site if deemed suitable or sent to another party for fabrication. Alternatively, it can be sold to clients for their own legal use.

Manufacturing: The recycled item can be sold to clients or utilized in the manufacturing of various items for our other customers.

Waste Food Items Recycling:

Collection: Food waste Items will collect from warehouse, restaurants, and food processing units and other industries.

Processing: The food waste deemed suitable for manufacturing animal feed will be utilized for our own cattle, as an ingredient with other material. In the case of substantial quantities, it will be directed to an animal feed mill for the production of feed intended for commercial sale.

Composting: Food waste that is unsuitable for animal feed manufacturing will be sent to a third party for composting, destined for use as fertilizer. Alternatively, it may be directed to another party for anaerobic digestion to produce biogas. These processes will be carried out under contractual agreements.

Plastic Waste Item Recycling:

Collection: Plastic waste will be collected from various sources, including businesses and industries

Sorting: Plastics are sorted based on their type and color.

Process: The plastic will be shredded for resin/flakes formation by physical process.

Other Diverse Industrial Waste:

We will gather a variety of industrial waste, encompassing wood, plastics, drums (made of both iron and plastic), metals, non-metal waste and organic waste etc.

WATER REQUIREMENT:

During Construction: 4000-5000 liters per day for constructional and domestic uses.

During Operation: water will be required for scrubbing system with stacks, cooling tower, washing process and for domestic activities at site for which approx. 8-10 m^3/hr.

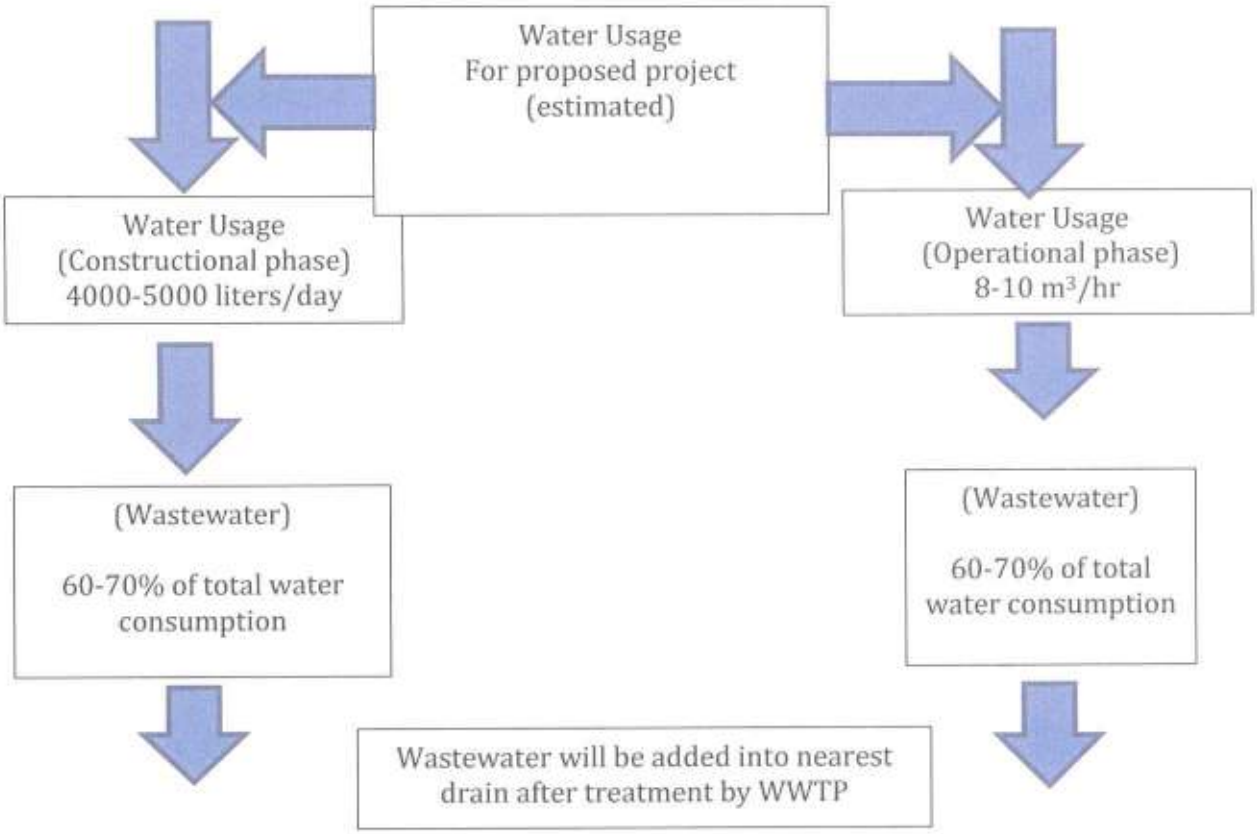
SOURCE OF WATER

Ground water.

WASTEWATER:

About 60-70% of the used water will be the waste water. Estimated water balance for the subject proposed project is as follows.

ESTIMATED WATER BALANCE:



SOLID WASTE MANAGEMENT PLAN:

Amount of solid waste generation during the construction and operation phase:

During Construction: 0.45 kg/person/day domestic waste. Constructional solid waste will be reused for landfilling purposes and remaining will be handed over to the relevant contractors.

During operation: Ash/ slag from incinerator and furnace will be the main solid waste generation also 0.45 kg/person/day domestic waste will be produced. For the handling and management of this domestic waste, sanitary workers will be hired by the proponent during the operation phase of the project; they will mop up and manage the solid waste within the premises of project building. One specific point has been designated within the premises of the project where the solid waste will be collected from where the solid waste will be handed over to the certified contractors.

STEPS TO MANAGE THE SOLID WASTE OF THE PROJECT:

For different types of wastes, following are the steps to manage the solid waste in the proposed project building:

1. Placement of waste bins at all the designated points in the project buildings for collection of domestic waste.
2. Collection of waste from every point on daily basis at one designated point by the sweepers hired by the project manager.
3. Ash/ slag will be regularly removed from the site and disposed off into engineered ash pit/ landfill site following appropriate measures.
4. PPEs will be provided and implemented strictly.

ATMOSPHERIC EMISSIONS:

Dust and particulate matter will be generated during the construction activities. Sprinkling of water will be done on dust tracks, stock piles; raw material will be covered by plastic sheets, loading and unloading of raw material will be done at night etc.

During the operation phase of the project, source of atmospheric emissions will be generators at the project site, incinerator/ smelting stack, project related vehicles etc. For the control of emissions from the project activities PEQS compliance will be ensured.

PARKING

Parking will be provided at the project site for the Cars and Motorcycles. Parking area has been designated and highlighted in layout map.

FIRE PROTECTION SYSTEM

An addressable fire protection system/ firefighting plan would be provided to protect against any fire hazard. Fire extinguishers will be installed at all sensitive places within the building. Complete Firefighting plan has been designed; and indicated on the project layout map.

SECURITY

Project site will be secured by the presence of the security guards round the clock which will improve the security of the project site and also in its vicinity.

POWER SOURCES AND TRANSMISSION

Electricity will be fed by WAPDA. For meeting the power requirements, a transformer of 100 KVA and 1 standby diesel fired generator will be installed in specially constructed rooms for these facilities at the project site.

GENERATORS:

1 standby diesel fired generators of 100 KVA will be installed in the proposed project.

Firstly, for the control of emissions from the generators at the project site PEQS compliance of the generators will be ensured.

Secondly, the generator will be installed in specially constructed room, which will help to avoid noise pollution.

RESTORATION / REHABILITATION PLAN

The project construction activities will be confined within the project site. Boundary walls will be constructed first. However, on completion of the construction and commissioning phase, the construction contractor will demobilize from site and construction camp will be removed. Temporary infrastructure will be decommissioned and site will be restored. This will involve:

- Removing the temporary construction camp
- Closing all the temporary waste pits
- Removing all waste and leftover construction materials from site
- Leveling and restoration of areas

CHAPTER .4:

DESCRIPTION OF THE ENVIRONMENT

CHAPTER# 4

DESCRIPTION OF ENVIRONMENT

This section describes the baseline conditions, which cover the existing physical, ecological and socio-economic environment of the project as well as study area. Data was collected by reviewing secondary data and field survey. The project lies at boundary of Lahore and Kasur District and the Environmental, Biological and Social-Economic Features of both the districts are applicable to project site.

PHYSICAL ENVIRONMENT/ RESOURCES

Topography:

The topography of the project area is flat. The general height of the area is approximately 220 meters above the Mean Sea Level (MSL). The district Lahore is divided into two parts. The low-lying alluvial soil is along the Ravi River, and the upland in the east. Upland is a plain slope from north-east to south-west. The lowlands are generally inundated during the monsoon season by Ravi River, flowing in the west of district along its boundary with district Sheikhupura. Below figure is showing the topography of the area.

Topographically speaking, Kasur District lies between the river Sutlej which flows along its boundaries with India and river Ravi which flows its boundary with Sheikhupura District. The district may be divided into two parts, a low lying or riverine area along the two bordering rivers and upland, away from the rivers. The riverine area is generally inundates during monsoon season. The water level in this area is higher than in the upland. The soil is sandy. The upland is flat plains sloping from north-west to south-west. The general height of the area is from 150 to 200 meters above the sea level.

Figure 3-1: Picture showing the topography of the project area

Soil:

The soil in the Project Area is cohesion less and is of alluvial type. Various soil layers below the ground level includes: silt, silty clay, silty sand, poorly graded sand with silt, lean clay etc. The soil is different in character and generally inclined to be dry. However, it is rich in potential plant nutrients.

Climate and metrology:

Seasonal climatic conditions must be considered for the design and execution of Project. The climate including air, temperature, precipitation, humidity and evaporation is an influencing factor, affecting the structures. However, to determine the overall effect of the climatic stresses, daily and seasonal temperature changes, site altitude, direct solar radiation, and precipitation must be considered. The Project Area has extreme climate: it has hot summer and cold winters. The summer starts from April and lasts till September. May, June, and July are the hottest months. The mean maximum and minimum temperature ranges from 40.4 °C and 27.3 °C respectively for these months.

The winter seasons lasts from November to March. December, January and February are the coldest months. The mean maximum and mean minimum temperature ranges from 19.8°C to 5.9°C in January. Temperatures in the Project Area vary from 5.9 °C to 40.4 °C.

The project area receives rains in all the seasons but monsoon rain is pronounced and constitutes a definite rainy season between the month of July and September. The average rainfall is about 629 millimeters per year. Below figure is showing the temperature, precipitation, and relative humidity trends in the study area.

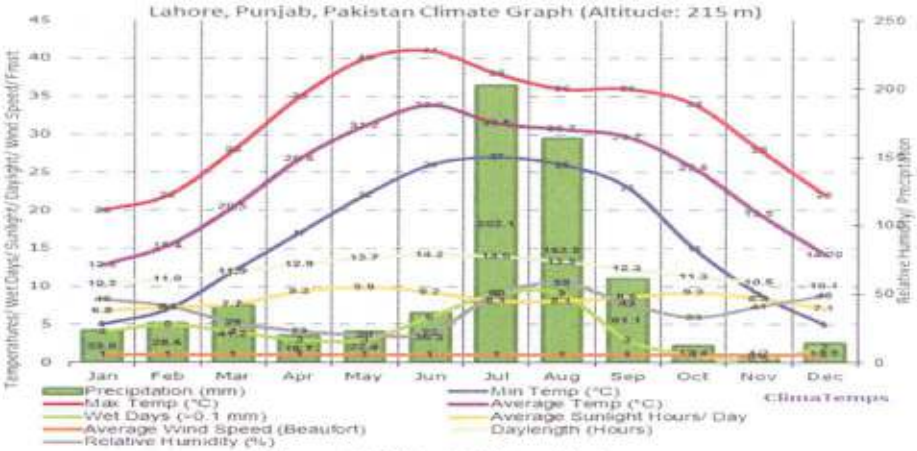


Figure 3-2 Climatic Data of Lahore

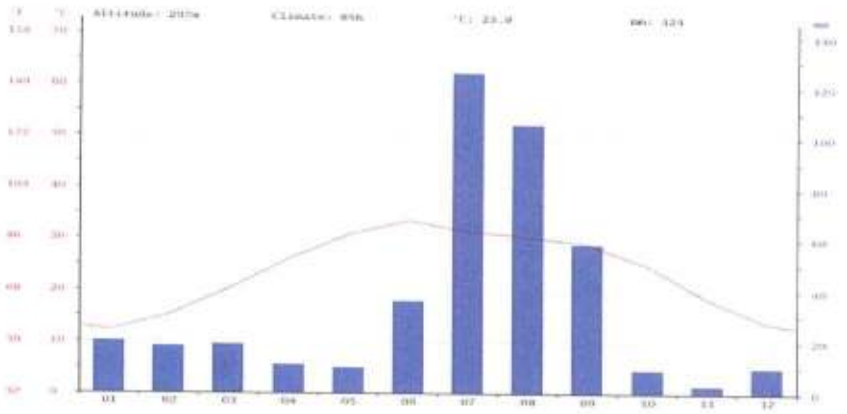


Figure 3-3: Graphical representation of climate of Kasur

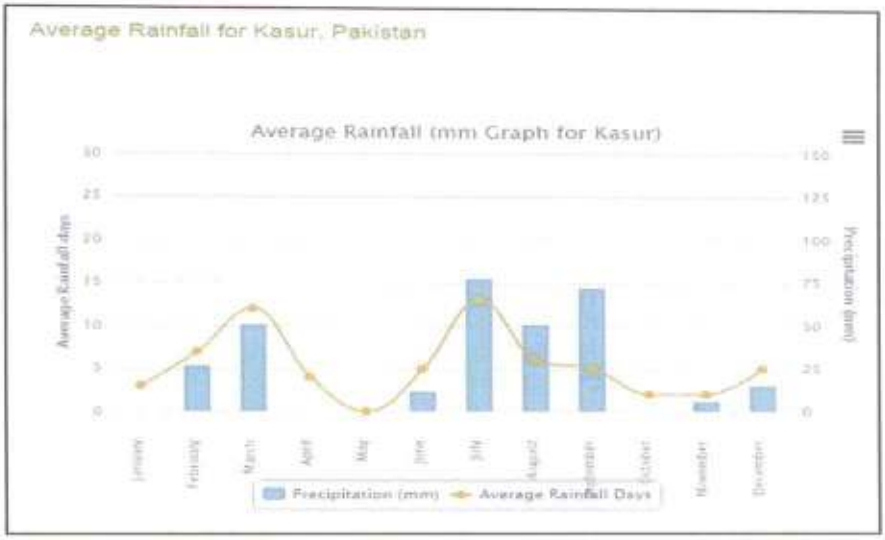


Figure 3-4: precipitation at project site

Wind:

Wind speed in the project area:

Over the course of the year typical wind speeds vary from 0 m/s to 6 m/s (calm to moderate breeze), rarely exceeding 11 m/s (strong breeze).

The *highest* average wind speed of 3 m/s (light breeze) occurs around June 21, at which time the average daily maximum wind speed is 6 m/s (moderate breeze).

The *lowest* average wind speed of 1 m/s (light air) occurs around November 21, at which time the average daily maximum wind speed is 3 m/s (light breeze).

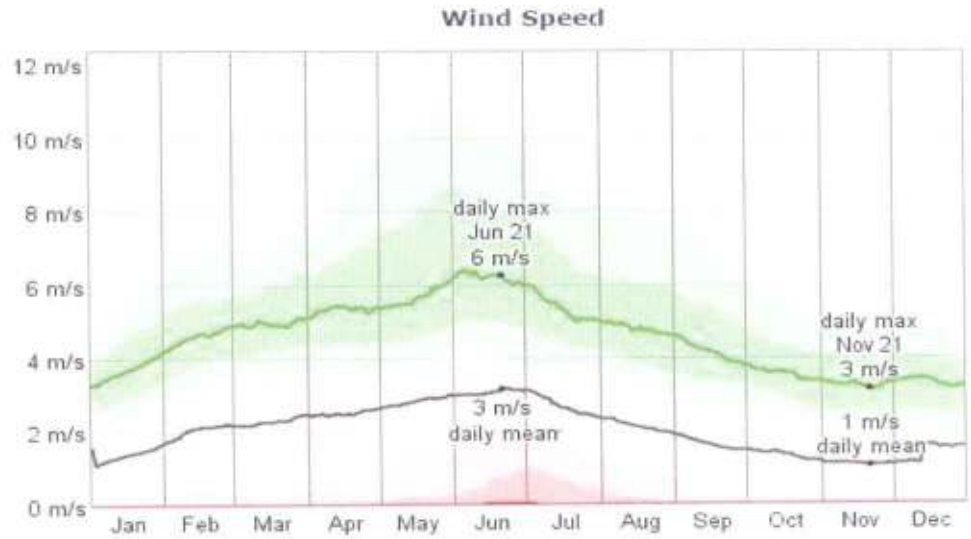


Figure 3-5: Wind speed in the project area

Reference: https://weatherspark.com/averages/32865/Lahore-Punjab-Pakistan

Wind direction in the project area:

The wind direction is highly variable and is not predominantly from any single direction. The wind is least often out of the south (4% of the time) and south west (5% of the time).

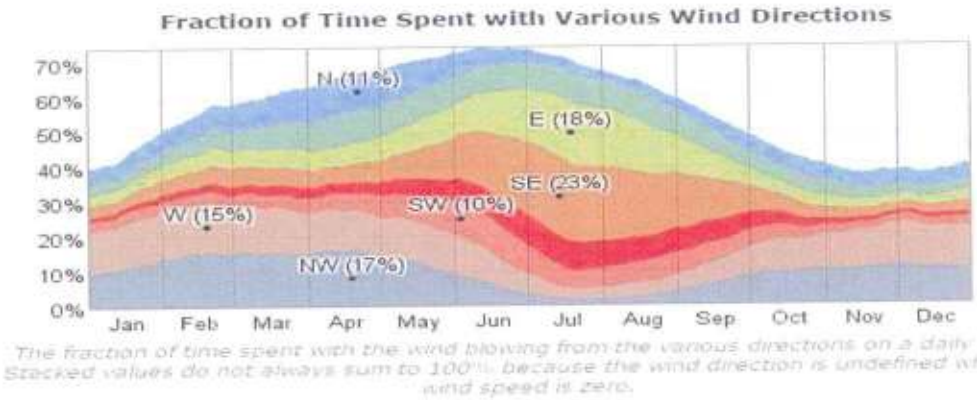


Figure 3-6: Wind direction in the project area

Reference: https://weatherspark.com/averages/32865/Lahore-Punjab-Pakistan

Ambient Air Quality:

Atmospheric pollution, particularly in industrial areas like Lahore- Kasur region has a strong impact on daily life. Project site is located at Lahore-Multan Road. Motor vehicles and the industrial activities are a major source of air pollution in the project area. Ambient Air monitoring was conducted at the project site by using Fine Dust Sampler IPM-FDS 2.5/10μ and Ambient Air Analyzer.

To record the baseline ambient air quality of the project area, monitoring was conducted at advised locations to assess the concentration of priority pollutants (Carbon monoxide, Nitrogen dioxide, Sulphur dioxide and PM_{10}) in the air. Lab reports of Ambient Air Monitoring are attached as **Annexure-D** with the EIA report.

Noise Level Monitoring:

Basic Environmental conditions:

During the measurement following conditions were prevailed on workplace:

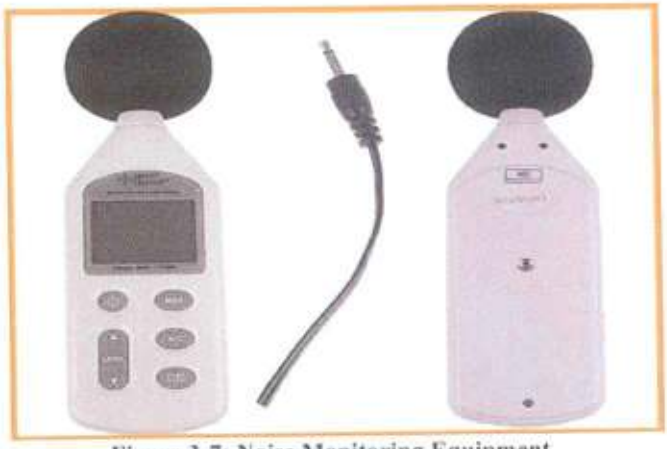


Figure 3-7: Noise Monitoring Equipment

Metrological Conditions:

During the noise level monitoring weather was dry and sky was clear. Air was blowing at normal speed.

Monitoring Instrument:

The description of the instrument used for the noise level monitoring is given below:

Name: Digital sound level meter

Model: AR824

Company: Intel Instruments plus

Frequency Range: 31.5 Hz to 8 kHz

Methodology adopted:

Noise level was monitored at four points; lab results are attached as **Annexure-D.**

Ground water:

The underground water will be used as a source of water at the project site. Tap water was taken as a sample to test its parameters. Lab results are attached as **Annexure-D**

ECOLOGICAL RESOURCES

As climate of Lahore is semi-arid and subtropical, the vegetation of the district falls under scrub, dry, tropical thorn forest type as per Phyto-geographical classification of the area but this vegetation is confined to the graveyards in the Lahore – Kasur area and the project site is free from such type of vegetation.

Flora:

There are small grasses and shrubs present at the project site. Some native trees were observed in the surrounding areas. Native trees and plants of 6 feet height will be planted within the premises of the project by the project proponent with the consultation of PHA.

Fauna:

Different birds like sparrow and crow etc. were observed at the project site during the site visit. Other than that, no fauna was observed at the site during the site visit.

SOCIOECONOMIC ENVIRONMENT:

Socioeconomic environment of district Lahore has been studied through secondary sources and a brief introduction has been given below:

Demographic Characteristics of the Project Area

The total population of Lahore District has crossed 11.13 million. The population of Kasur is 382,000 people.

Religion

The population of the district is predominantly Muslims i.e., approx. 95 percent, other minorities like Christians, Sikhs and Hindus etc. are approx. 5 percent.

Education

Basic health & education facilities are available in the rural area of the project site but these health and educational facilities are not sufficient. People have to visit the city Lahore, Chunian and Kasur for the proper health and educational facilities.

Lahore is known as Pakistan's education capital, with more colleges and universities than any other city in the country. Lahore is Pakistan's largest producer of professionals in the fields of science, technology, IT, engineering, medicine, nuclear sciences, pharmacology, telecommunication, biotechnology and microelectronics. Most of the reputable universities are public, but in recent years there has also been an upsurge in the number of private universities. The current literacy rate of Lahore is 74%. Lahore hosts some of Pakistan's oldest educational institutes: Government College Lahore (now Government College University), established in 1864; Forman Christian College, a chartered university established in 1864; University of the Punjab, established in 1882; Kinnaird College, established in 1913; and University of Engineering and Technology, Lahore (UET Lahore), established in 1921. UET is also Pakistan's oldest technical degree-awarding institute and its first university in the field of engineering and technology.

Lahore's institutes in the fields of computer science, IT, and engineering include the National University of Computer and Emerging Sciences (NUCES or FAST-NU) and Punjab University College of Information Technology. Notable business schools include the Lahore University of Management Sciences (LUMS), Lahore School of Economics, Forman Christian College, and University of Management and Technology. University of Education, established in 2002, is Pakistan's first specialized university in the field of education.

Health Facilities

Small clinics and private health centers are available in Kasur along with a couple of Government Hospitals. Majority of people visit Lahore for proper health care.

Ample medical and health facilities are available in the Lahore Metropolitan Corporation area and its suburbs. Shaukat Khanam Hospital is the best medical care facility in Lahore for the most dangerous disease in the country. i.e., Cancer. There are also other hospitals of voluntary organizations which provide health cover to the general public. King Zaid Bin Sultan Hospital is also a very advanced addition in the medical care for Lahore. Among the prominent hospitals are General Hospital, Lady Wellington Hospital, Mayo Hospital, Fatima Jinnah Hospital, The Children Hospital, Services Hospital, and Ganga Ram Hospital etc. Besides, a number of private medical practitioners, Hakims and homeopathic doctors are also practicing in the city.

QUALITY OF LIFE VALUES

The project site lies in an industrial corridor with a number of industries in operation. Most of the people living in this area are associated with these industries as factory workers. Some of the people have developed small business such as grocery shops and mechanic shops.

People lead simple life and activities of women are mostly restricted to home. Beside this people have access of all basic life necessities like clean drinking water, electricity, health facilities and educational institutes.

This project will further increase the living standards of the people living in this area with development of infrastructure such roads, water, power, drainage, street lightening and green belt parks, clubs and other leisure facilities etc. This project will provide job opportunities to approximately 10,000-12,000 people which will further improve the living standards of the local

CIVIC AMENITIES

Civic amenities like potable drinking water, dispensary and rest area are available near the project site.

Games:

Cricket, Football, Badminton, Hockey, Volleyball, Kabaddi and Wrestling are major sports of Lahore and Kasur District.

Welfare of Employees

Management of project is mindful of the fact that the satisfied employees will deliver better output.

Aesthetic Values:

Like the general trend among the citizens of area, most of the people have low awareness about environment. Even then, some people take cleanliness and neatness of the environment lightly. Some people throw municipal solid wastes (MSWs) on the streets. Sense of personal responsibility to keep the environment clean as good citizens is even now lacking among a few people.

Archaeological and Historical Treasures:

No Archaeological and Historical Treasures were observed in the proposed Project area. Therefore, the development of this project does not threaten the sanctity of any archeological site during construction and the later operation phase.

SUITABILITY OF THE SITE

The proposed site for the construction of the Project currently comprises of empty, unutilized land plots. The Project site lies within this zone earmarked for industrial activity along with Multan Road. Several industrial units are operating in the neighborhood. The project does not fall in any environmentally sensitive area

CHAPTER 5

SCREENING OF ENVIRONMENTAL POTENTIAL IMPACTS & MITIGATION MEASURES

CHAPTER # 5

SCREENING OF POTENTIAL ENVIRONMENTAL IMPACTS & THEIR MITIGATION MEASURES

The following chapter describes the overall possible impacts of said project on the physical, biological and socioeconomic environment due to the location, Design, during construction phase, during operation phase of the project and mitigation measures to minimize the significance of the possible impacts.

ENVIRONMENTAL PARAMETERS:

Project Location:

Subject project is the proposed project. Project site is situated at Manga Raiwind Road, Lahore. There is not any sensitive area near the project site. So, if the proponent/ Developer fulfills all the HSE conditions and Society development laws and rules that this project will not cause any adverse environmental impacts on the society. Development of this project will increase the living standards and employments for the local people of the district. Overall the impacts of this development due to the location are positive on the local community of District and country with respect to multiple direct and indirect employment opportunities.

Impact significance: very Low or may be positive

Nature of impact: direct

Duration: Long-term

Timing: Construction and Operation phase

Reversibility: NA

Likelihood: Low (unlikely),

Consequences: very low or may be positive

Mitigation Measures and Recommendations:

- Proponent/ Developers should place all the safety and location signs and maps at the specific indemnified place.
- Proper parking arrangements should be maintained during the construction and operational phase of the development.
- Location can be considered as positive impact on the community due to the facilities provided to the community.

Project design

Project's main features are; Covered area of incinerator, yellow & store room, covered recycling unit, covered composting area, covered shed yard for plastic flakes making machine & Cattle feed area, labor quarters and admin offices area. Following are the major Environmental impacts due to the development related to the design:

Impacts

- **Soil structure and soil bearing capacity**

Soil structure and soil bearing capacity may be a major negative impact. If the soil bearing capacity is poor and soil structure is not good for construction of building, it may affect the foundation of building.

- **Road infrastructure design**

Road infrastructure design may be a long-term and major negative impact, which may cause traffic congestion problems and also the noise pollution problem at the project site.

- **Emergency exit points for the emergency situations**

It may be a life-threatening hazard in case of any natural or accidental calamity, if emergency exit points will not be incorporated in design for safe evacuation in case of any emergency.

- **Firefighting system**

Fire may also be a major negative impact and a life-threatening hazard if proper firefighting system will not be incorporated in the design of the building.

- **Wastewater disposal system design**

It may be serious hazard if wastewater system is not designed properly and proper disposal system design is a necessary aspect which must be considered during the designing phase of the project.

- **Rain water harvesting capacity of the drainage system**

If rain water harvesting capacity of the drainage system is not enough, it may be a serious hazard for the building and may cause many problems.

- **Electricity hazards**

It is a major threat for life and may cause the loss of life and property if electricity hazards will not be addressed properly during the designing phase of the project.

Impact significance: moderate to high or may be negative

Nature of impact: direct

Duration: Long-term

Timing: Constructional phase & Operation phase

Reversibility: NA

Likelihood: moderate to high

Consequences: moderate to high or may be negative

Mitigation measures and recommendations

Following are the mitigation measures and recommendations to minimize the anticipated impacts due to the project design:

- Emergency exist points should be designed during the designing phase and should be kept in proper working condition to use in caser of any emergency.
- Road infrastructure should be properly designed and there should be strict application of the laws and regulations, so that traffic congestion problems may not arise.
- Firefighting system will be installed according to laws and regulations for the emergency situations.
- Wastewater disposal system should be designed and managed properly and wastewater treatment facility should be installed within the project area.
- Waste water drainage should be designed vast to bear the rain water capacity of the society.
- Electricity system should be designed safe and sound; electricity wires should be covered by thick plastic/electricity resistant covers.
- All the design should be approved from the local authority to minimize the impacts due to the design of the project.

During the construction phase

Project is the construction of the commercial building.

Impacts

Impacts related to the construction phase of the subject project are discussed below:

- **Grubbing and stripping**

Grubbing and stripping may be a minor and short term impact on the physical environment during the construction phase. It may also be a health and safety hazard for the people at or near the project site.

- **Leveling and compaction of the land**

Leveling and compaction of the land is also a short term and minor impact on the physical environment and it may also be a health and safety hazard for the workers.

- **Demarcation of project building and other facilities**

It may also be a minor impact on the physical environment due to the subject project.

- **Generation of dust during loading and unloading of construction materials**

It is also a minor and short term impact on the physical environment and also for health and safety, which may arise during the construction phase.

- **Generation of noise on account of vehicular use and construction activities**

It is also a minor and short term impact on the physical environment and also for health and safety, which may arise during the construction phase.

- **Gaseous emission due to the vehicles and stand by generator (if any)**

It may also be a minor impact on the physical environment during the construction phase, if vehicles and generators are not properly tuned.

- **Local flooding due to over-use of water and leakage of pipes**

It may be a minor and short-term impact on the physical environment if precautionary measures have not been taken.

- **Safety of construction workers, people in the surroundings and passersby**

Health and safety issues may arise during the construction phase if proper precautionary measures will not be taken.

- **Any outbreak of fire due to electrical and other failures**

This issue may arise due to carelessness or improper management, and it may be a serious hazard which may affect the environment or may also cause the loss of property or life.

- **Solid waste generation due to domestic and construction activities**

Solid waste generation due to domestic and construction activities may be a negative impact on environment if not managed properly.

- **Wastewater generation from the domestic and constructional activities**

Wastewater generation due to domestic and construction activities may be a negative impact on environment if proper wastewater treatment and management system will not be implemented.

- **Ground water quality**

Ground water quality may be affected by the development if proper mitigation measures will not be implemented.

- **Impacts on Fauna and Flora**

Construction will impact the flora/ vegetative cover and fauna present at the project site.

- **Security threat**

Security issue is a major socioeconomic impact which may arise during the construction phase.

- **Impact on land value**

Construction of the subject project may cause positive or negative impact on the land value.

- **Dislocation of the people**

Construction of the subject project may cause the dislocation of the local people if any, which is a negative impact on the socioeconomic environment.

- **Loss of public and private infrastructure**

Construction of the subject project may cause loss of public and private infrastructure if any, which is also a negative impact on the socioeconomic environment.

Impact significance: moderate to high or may be negative

Nature of impact: direct

Duration: Short Term

Timing: Construction phase

Reversibility: NA

Likelihood: moderate

Consequences: moderate

Mitigation Measures and Recommendations

- Precautionary measures should be adopted to save the environment from the impacts of grubbing, stripping, leveling and compaction and health and safety of workers should be ensured during these construction phases.
- Demarcation of the project building and other facilities should be according to the laws and regulations.
- Sprinkling of water on dusty tracks is recommended to avoid the generation of dust on dusty tracks.
- Vehicles should be properly tuned to reduce the impacts of dust and noise.
- Mitigation measures should be taken to meet the PEQS at the stack of generators.

- Proper mitigation measures should be taken to reduce the noise generation during the construction activities.
- PPEs i.e. ear muffs, helmets and masks etc. should be provided to workers to ensure their health and safety during the construction activities.
- Precautionary measures should be taken to reduce the local flooding due to over-use or leakage of pipes.
- Health and safety of construction workers, people in the surroundings and passersby must be ensured.
- Precautionary measures should be taken to avoid any outbreak of fire due to electrical and other failures.
- Constructional waste should be used for landfilling purposes.
- Domestic solid waste should be kept in dust bins and should be handed over to local contractors.
- Wastewater treatment facility should be incorporated in the design of the project to treat the wastewater produced due to constructional and domestic activities before the final disposal.
- Add more vegetation to restore the land by more plantations.
- Essential services like water supply, sewerage disposal and solid waste management must be in working condition.
- Construction timings should be scheduled to cause minimum disturbance to neighbors.
- Because of presence of security guards round the clock the security at the project site will be improved as well as in its vicinity. Impact will be moderate positive.
- Land value in the surrounding area will increase due to completion of the present project. Impact will be moderate positive.
- The project does not involve dislocation of the people. There is no requirement of resettling a single person. Impact is nil.
- No movable or immovable property and infrastructure of public and private sectors will be lost or damaged during construction and operation stages. Impact will be nil.

During Operational Phase

Project is the proposed establishment of Integrated Waste Management Facility. Main environmental issues associated with Project operation are as follows.

- **Traffic congestion**

It may be a major problem if proper traffic management laws will not be implemented.

- **Solid waste generation due to domestic activities**

Solid waste generation due to domestic activities will be the impact of the subject project.

- **Waste water due to domestic activities**

Production of wastewater due to domestic/ operation activities is a long term and major impact of the subject project.

- **Fire due to short circuits and other activities**

Fire due to short circuits and other activities is a major hazard, which may cause the loss of property and life.

- **Gaseous emissions from the generators**

Gaseous emissions from the generators may be a negative impact on the environment due to the subject project.

Impact significance: moderate to high or may be negative

Nature of impact: direct

Duration: Long-term

Timing: operational phase

Reversibility: NA

Likelihood: moderate to high

Consequences: moderate to high or may be negative

Mitigation Measures & Recommendations

- Traffic management system should be ensured.
- Properly tuned vehicles should be used and non-tuned vehicles should be banned.
- A well designed firefighting system should be constructed to cope with fire situations in the area.
- PEQS compliance of generators should be ensured.
- Solid waste bins should be regularly cleaned and solid waste must be handed over to the certified contractors.
- Wastewater treatment facility should be constructed on the reserved place to treat the domestic waste water.
- Proper plan for waste water collection should be devised.

POTENTIAL ENVIRONMENTAL ENHANCEMENT MEASURES

The proposed project will be installed with all precautionary measures to enhance and safe the environment. Following necessary measures will be adopted during construction and operation:

- Sprinkling of water will be done on dusty road and tracks.
- PPEs will be provided during construction activity.
- Constructional waste and domestic solid waste will be disposed-off or utilized properly.
- Local people will be informed in Advanced when work is about to start in an area.
- Machinery will never be left unattended.
- Efforts should also be made to discuss traffic conditions so that regular traffic is not disturbed. Transporters engaged for the project would be forced to adhere to the load specifications of the access road. No overloading would be allowed in any case.
- Safety signs and boards will be placed during construction.
- Machinery will be kept maintained.
- Waste water will be treated through septic tank that will be installed within the premises of building.
- Area will be restored with native plants. A proper tree plantation plan will be formulated to save the environment.
- Solid waste will be handed over to contractors and agreement will be made.
- Noise will be controlled by adopting proper measures.
- PPEs will be provided to workers during working.
- Firefighting equipment's and system will be installed.
- Safety signs will be placed at all locations where required.
- Hygienic conditions will be ensured and proper quality will be maintained by quality control testing.
- First aid facilities will be made available.
- Any possible measure will be adopted to make the project safe and environmental friendly.

PURPOSE OF MITIGATION MEASURES

Purpose of mitigation measures should include:

- **What is the problem i.e. in terms of "major environmental impacts" which may arise by the subject project activity?**

- **When the problem will occur and when it should be addressed?**
- **Where the problem should be addressed?**
- **And how the problem should be addressed?**

The major impacts may arise by the subject project, particulate matter/ dust, noise, wastewater and solid waste. Other impacts are of minor importance. These impacts will arise during construction and a few during operation but precautionary measures will be adopted prior to start the activity, during the activity and post activity.

Any impact that would arise due to the subject project activity will be addressed on site. Trainings will be conducted on site prior to start work while other precautionary measures will also be adopted to make the project safe and environmental friendly.

HSE manager/environmental manager along with site manager will be appointed to assess any impact that could be arisen during both phases. He would be responsible to address the problem and to mitigate it.

WAYS OF ACHIEVING MITIGATION MEASURES

By adopting proper mitigation measures, any anticipated major or minor environmental impacts could be controlled or mitigated. The details of impacts and mitigation measures have been discussed in previous chapters.

Management shall take appropriate measures to provide pollution free and safe environment during the proposed project activity by implementing improved management practices and monitoring techniques suggested in EMP.

Management will adopt such plan that will assure the minimum impact on the environment and health by implementing proper mitigation measures. Design of the project will assure the structure stability and project life in a long run.

Management will develop Restoration/ reclamation or tree planation plan to restore the project area. Maximum Plantation will be done with native species within the unit, along the boundary wall and along the road side if directed by EPA. Also, in-front of main area, horticulture plan will be formulated and area for this will be reserved.

CHAPTER 6:

ENVIRONMENT MANAGEMENT AND MONITORING PROGRAM

CHAPTER # 6

ENVIRONMENTAL MANAGEMENT PLAN & MONITORING PROGRAM

PURPOSE AND OBJECTIVES OF THE EMP:

The primary objectives of the EMP are to:

- Facilitate the implementation of the mitigation measures identified in the EIA.
- Define the responsibilities of the project proponent.
- Define a monitoring mechanism and identify monitoring parameters in order to:

1. Ensure the complete implementation of all mitigation measures
2. Ensure the effectiveness of the mitigation measures
3. Provide a mechanism for taking timely action in the face of unanticipated environmental situations
4. Identify training requirements at various levels.

MANAGEMENT APPROACH:

The overall responsibility for compliance with the environmental management plan rests with the project proponent.

A certain degree of redundancy is inevitable across all management levels, but this is in order to ensure that compliance with the environmental management plan is crosschecked.

INSTITUTIONAL CAPACITY

Following functionaries will be involved in the implementation of EMP:

- Project Proponent
- HSE/ Project Manager
- In-Charge Administration
- Supervisor of project

TRAINING SCHEDULES

Training for the management/contractors/engineers and workers on environmental aspects of the project will be arranged. It will be imparted by a team of experienced trainers.

TRAINING OF BUILDING CONTRACTOR

Training of building contractor & workers will be the part of the TORs regarding the construction of the scheme. The provisions given in EIA Report *Chapter 4 Screening of Potential Environmental Impacts & Their Mitigation Measures* will be followed.

TORs will be including the training and submission of reports in the following area:

1. Handling of Machineries in a safe way
2. Use of PPEs
3. Maintenance of vehicles.
4. Testing of water and wastewater
5. Placement of safety signs/ boards during construction
6. Sprinkling of water on the roads and dusty tracks
7. Maintenance of generator emissions

Training regarding all other aspects of HSE will be ensured by the contractor during the construction phase.

RESPONSIBILITY OF EMP

Overall responsibility for implementation of EMP will be that of project proponent. He will appoint a HSE/Project Manager of relevant qualification. HSE/Project Manager will act as Environmental Manager and will manage the all HSE condition at the PEQS.

SUMMARY OF IMPACTS AND THEIR MITIGATION MEASURES

Sr#	Environmental Issues/ Impacts	Mitigation Measures
PLANNING, SITE SELECTION AND DESIGN STAGE		
1	Observance of administrative and legal formalities	NOC's from other departments have been obtained.
2	Acquisition of land	The proposed land is the property of the proponent.

3	Loss of environmentally sensitive areas	There is not any sensitive area near the project site however the project proponent will achieve the PEQS at the boundary wall of the subject project to avoid the environmental impacts on the surrounding area
4	Changes in traffic pattern	Prepare suitable in/out traffic plans
5	Potential conflicts with stakeholders	There is not any conflict at the current stage of the project. It is recommended to settle the issues through scoping and specific group discussions.
6	Resettlement issues	No resettlement issues
SITE DEVELOPMENT STAGE		
1	Erosion due to stripping and site clearance	Sprinkling of water on road side
2	Generation of dust	Careful loading and unloading of construction materials is recommended. Sprinkling of water on construction site and surrounding areas is recommended.
3	Generation of noise	Avoid suing forbidden horns at the site. Do not throw heavy equipment and construction materials in haphazard manner. PPEs should be provided to workers.
4	Local flooding/ponding	Immediate repair and maintenance of water supply pipes and sewers in case of any defect will be undertaken.

5	Outbreak of fire	Firefighting equipment must be maintained at the site in good working condition.
6	Safety	Safety of the workers and others must be ensured. Privacy of the neighbors must not be disturbed.
7	Labor issues	Employ the local labor as far as possible
CONSTRUCTION STAGE		
1	Minor erosion of land	Add more vegetation, restore the land by more plantation Sprinkling of water on dusty tracks is recommended
2	Contamination of land and water	Essential services like water supply, sewerage disposal and solid waste management must be in working condition.
3	Impacts of dust, noise and smoke on neighbors	Schedule construction timings to cause minimum disturbance to neighbors.
OPERATION STAGE		
1	Fire breakouts	Firefighting equipment must be kept in working condition at specific area
2	Safety/security concerns	Safety of the workers and others must be ensured. Privacy of the neighbors must not be disturbed.
3	Malfunction of utilities	It is proposed to appoint maintenance engineer with technicians like plumber and electrician for smooth operation of utility services.

4	Contamination of land and water sources	Continuous vigilance on maintenance of services is recommended. Tarpaulin sheets must be placed to avoid leaching of oil into ground.
5	Occupational Health, Safety and Environment	Regular medical check-ups are recommended to improve the working condition and efficiency of workers. Safety of management, workers and visitors must be ensured. Observance construction and safety codes must be ensured.
6	Production of Solid Waste	Area for solid waste is reserved within the subject project. The solid waste must be managed on regular basis. The domestic waste must be disposed in municipal channel.

EQUIPMENT MAINTENANCE DETAILS

The subject project is the proposed establishment of Integrated Waste Management Facility. Proponent will maintain the records for Health Safety & Environment and will hire HSE manager to check and deal with the HSE issues. The company shall maintain PPEs, medical facilities, firefighting Equipment's as fire buckets, fire hydrants and fire extinguishers and records for their periodic fillings or replacement.

ENVIRONMENTAL BUDGET

The cost which is required to effectively implement the mitigation measures is important for the sustainability of the Project in operational stage of the Project. Company has allocated the Environmental Budget, will be 1 million annually for the training, maintenance and management of Environment that will include filling and maintenance of equipment's, restoration, plantation, and availability of PPEs, strategic planning to cope with any emergency

situation and formulate the disaster management plan to cope with natural disaster. Any equipment or devices failure or replacement will not be included in this budget.

ENVIRONMENTAL TECHNICAL ASSISTANCE AND TRAINING PLAN

In order to raise the level of professional and managerial staff, there is a need to upgrade their knowledge in the related areas. HSE/Project Manager should play a key role in this respect and arrange the training programs.

HSE/Project Manager will provide training to staff and workers about the best environmental management practices at the construction site and affective implementation of the EMP.

The training modules will include air, noise and water pollution monitoring, social awareness, Environmental Laws, Punjab Environmental Quality Standards (PEQS), Usage of personal protection equipment's, and health and safety related issues on the construction site.

The HSE/Project Manager will train all workers & staff in basic sanitation and health care issues (e.g., how to avoid malaria and transmission of Sexually Transmitted Infections (STI) HIV/AIDS and in general health and safety matters, and on the specific hazards of their work. Training should also consist of basic hazard awareness, site specific hazards, safe work practices, and emergency procedures for fire, evacuation.

HSE/Project Manager will arrange Training on monthly or quarterly basis regarding health & safety, hygiene, firefighting and first aid.

Summary of Environmental Impacts and Mitigation measures is present in following table in term of Environmental Management Plan:

ENVIRONMENTAL MANAGEMENT PLAN FOR PROPOSED FACILITY

Serial No.	Potential Impact	Mitigation measure to be taken:		
		During the Construction phase	During the Regular operations	Responsibility
	Physical Environment			
1	**Traffic related problems** Since adjacent road is busy so the constructional and operational activities of the subject project may cause traffic issues in the project area.	1- To minimize the impacts of constructional activities of facility on the project area, vehicles number will be regulated in a way that no stampedes will occur at the project site.	During the regular operations, additional area will be reserved exclusively for parking of cars and motor cycles, which will help to avoid any traffic related issues due to the subject project in the area.	Project Manager/ Incharge Administration
		2- As far as possible, large size vehicles in very limited number will be allowed to visit the project site during night time so that it may not disturb the routine traffic of the area.	Management will ensure that no vehicle or motor cycle will be parked at the front of the road and project site as well. This will minimize the impact of the project on the routine traffic of the area.	
2	**Water supply**			

	The increased withdrawal of groundwater for the project activities may affect the groundwater resources of the project area.	1- It shall be ensured that no activity tempers with the water supply system. 2- Project proponent committed to provide safe drinking water to all workers and staff	It shall be ensured that no activity tempers with the water supply system. Project proponent committed to provide safe drinking water to all workers and staff.	Environmental/ Project Manager
3	**Solid wastes** Improper disposal of solid waste	1- Solid wastes produced during the construction activities shall be segregated and duly disposed of i.e. Constructional Solid waste will be used for road repairing and maintenance purpose or will be handed over to the relevant contractors.	1- Solid waste bins will be placed at suitable places in the whole building. 2- Sludge will be replaced on regular basis. 3- Specific area will be allocated in the building for the storage of solid waste; all the waste will be collected at that point. 4-ash will be disposed off into ash pits	Environmental/ Project Manager

		Domestic solid waste will be handed over to the certified contractors/ disposed off to local bodies designated site.	4- Sanitary workers will be hired by the management for the waste handling and management within the building.	
4	Waste water	1- Domestic wastewater will be drained into local sewage drain after treatment in onsite septic tank.	The sewage to be generated shall be discharged into sewage system through main local drain. No contaminated effluents will be released into the environment. Septic tank will be constructed to treat domestically generated wastewater.	Environmental/ Project Manager
5	Health & safety	1- Local people will be informed in Advanced when work is about to start in an area. This may result in people keeping pedestrians/ unauthorized persons away from work areas.	Fire Fighting system and emergency exits will be made available in the subject apartment building to cope with any emergency situation.	Environmental/ Project Manager

		2- Safe driving practices will be adopted, particularly while passing through settlements.	Basic health facilities will be provided to employees.	
		3- Job opportunity will be provided to local people of the area	Security guards will be hired to ensure the security of the employees and the visitors.	
		4- Training will be provided to workers to avoid any accidents/ injuries.	Job opportunity will be provided to local people of the area.	
		5- Basic health facilities will be provided to employees	Operators will be hired to operate the lifts and other facilities to ensure the safety of the people and to avoid any accidents.	
6	Noise	1- The project construction activities involving loading/ unloading/ heavy machinery work/ site generator can cause noise pollution.	No activity producing extra ordinary levels of noise will be allowed as a policy matter.	Environmental/ Project Manager

		2- In order to avoid noise in the project area, vehicles to carry raw materials, shall be operated during night time as far as possible.	Generator will be installed in a specially constructed room where its noise will be curtailed within the limiting values of the Punjab Environmental Quality Standards.	
		3- Ear plugs will be provided & implemented in case of high noise levels.	Monitoring will be conducted by EPA Certified lab as per PEQS if required.	
		4- Noise level monitoring has been conducted by EPA certified lab & results are attached with the report.		
7	Gaseous emissions and particulate matter/dust emissions	1- Water will be sprinkled on all exposed surfaces to suppress emissions of dust.	1 standby diesel fired generator shall cater for emergency situation only. Their exhaust will be emitted through an adequately fabricated stack. Regular maintenance will be ensured.	Environmental/ Project Manager

		2- Dust emission from soil piles and aggregate storage stockpiles will be reduced by keeping the material moist by sprinkling of water at appropriate frequency or erecting windshield walls on three sides of the piles such that the wall project 0.5 m above the pile, or covering the pile, for example with tarpaulin or thick plastic sheets, to prevent emission.	Monitoring will be conducted as per PEQS rules.	
		3- All equipment, generators, and vehicles used during the constructional activities will be properly tuned and maintained in good working condition in order to minimize exhaust emissions.	Pollution Control Devices/ equipment should be installed with stack of incinerator etc.,	
8	Soil erosion/ contamination	1- The clearing of vegetation along proposed site will be minimized as far as possible.	Maximum plantation is recommended within at outside the project site to restore the land.	Environmental/ Project Manager

		2- Trees necessary to be removed for the purpose of construction will be removed in a way that their roots will not be separated from the trunk, so that they could be planted somewhere else.	Tarpaulin sheets will be placed under generator (s), and other leaching substances.	
		3- Open fires will not be allowed anywhere outside the proposed site.	Land will be restored and rehabilitated by planting indigenous plants. Proper rehabilitation plan will be implemented.	
BIOLOGICAL ENVIRONMENT				
9	Fauna and Flora	1- Proposed site is devoid off any protected species of both fauna & flora	Awareness programs will be planned regarding the protection of fauna & flora.	Environmental/ HSE Manager
			Species of Indigenous plants will be planted at site.	
Others				

10	Enhancement of aesthetic beauty of the building and the area	---	Flower pots containing flowers and plants will be planted within and outside the building to add to the improvement of the environment around. Street lights will be provided on the front side of the building to add beauty to the front site and the environment around. All other necessary measures shall also be taken to maintain standards of cleanliness so that the building may add to the scenic/aesthetic beauty of the area around.	Environmental/ Project Manager
11	Staff for catering the Environmental Management Plan	---	Special staff will be recruited by the management to implement this Environmental Management Plan on regular basis.	Management

CHAPTER 7:

STAKEHOLDER PARTICIPATION

CHAPTER # 7

STAKEHOLDERS PARTICIPATION

Team of M/s Pak Green. visited the project site, had discussions with stakeholders and consult with the local people to evaluate the project socio-economic impacts. People were providing with massive information about the project and have positive remarks regarding the project development.

METHODOLOGY OF CONSULTATION:

The EIA team carried out public consultations at various locations around the Project Site. The stakeholder's consultation during this phase of the work targeted the project area, administrative and private offices, Govt. offices, shops, etc. near the Project area:

- Selection of the stakeholders for consultation, reconnaissance of the project site and initial discussions with the neighboring factory workers, residents, shopkeepers, drivers etc.
- Environmental consultants and social specialists and documenting the opinions of the stakeholders expressed during the meetings etc.

Consultations were held with the followings;

PROPONENT

Possible impacts and mitigation measures related to the subject project were discussed with the project proponent and management. They assured to take all suggested mitigation measures to control any discrepancy arose by the project and to make the project environmental friendly.

THE RESPONSIBLE AUTHORITY

Management of the subject project is the responsible authority to take all measures prior to the activity.

OTHER DEPARTMENTS AND AGENCIES

For the impact analysis detailed meetings were held with the management of the subject project, local community, education institutes, health institutes, hospital and NGOs. Issues were discussed that may affect the environment and also the implementation of proposed

project. All possible mitigation measures were considered and incorporated in the Environmental Management Plan.

Scoping sessions, focused group discussion and way side consultations were held with the relevant stakeholders in the area. The purpose of such consultations is to obtain the feedback from the relevant persons.

ENVIRONMENTAL PRACTITIONERS AND EXPERTS

Team of SDA visited the project site, had discussions with stakeholders and consulted with the local people to evaluate the project socio-economic impacts. People of the area belong to different professions like mostly belong to employment, own businesses, doctors, some in abroad, in Army, teaching, in agriculture, etc. Women were also consulted for their point of view regarding the betterment of the area by this project, some of them communicated but according to social value of the area they mostly hesitate to communicate comfortably and get pictured. People provide the massive information about the project and have positive remarks regarding the project development.

AFFECTED & WIDER COMMUNITY

There is no affected community present in the radius of our study area. SDA team has consulted with the inhabitants of the different villages/ town. They provided positive remarks regarding the subject project.

Sample size of 20 respondents was selected by the Team of consultants for conducting the socioeconomic survey. Women were also consulted for the said survey; while most of them were not willing to give personal information. Stakeholders participation Performa's and socioeconomic questionnaire were get filled by the inhabitants to evaluate the project socio-economic impacts. List of respondents and socioeconomic questionnaires are attached as **Annexure-E.**

Issues and concerns raised during consultation:

Air pollution & wastewater and its impacts on agriculture land and nearby community were some important issues raised during consultation.

In view of these concerns, adequate mitigation measures are incorporated in planning of the project.

CHAPTER 8:

CONCLUSION & RECOMMENDATION

CHAPTER # 8

CONCLUSION AND RECOMMENDATIONS

CONCLUSIONS

- The EIA study reveals that the project is economically viable, socially acceptable and environment friendly.
- It will generate additional jobs during construction and operation phases.
- Project is environmental friendly and pollution free.
- The proponent has committed to implement the project in the environment friendly manner.
- Project proponent has ensured to install the Waste Water Treatment facility to treat the domestic waste water prior to discharge into drain.
- Project proponent has ensured to adopt the proper solid waste management system.
- Proponent has ensured to adopt all the necessary measures to control any impact if resulting from the project.
- Project proponent has ensured to provide the safe drinking water to all workers and staff.
- Project proponent has prepared and implemented very comprehensive Emergency Preparedness and Response Standard Operating Procedures.
- Project proponent has prepared and implemented very comprehensive Security and Fire Fighting Standards Operating Procedures.

RECOMMENDATIONS

- In view of the comprehensive screening process and findings of the present study there is no need of conducting further investigations.
- Tree plantation in the building premises is recommended.
- A good firefighting system should be installed.
- Proper solid waste management system should be followed according to direction of the Local Government.
- High standards of bio-security and safety should be enforced during operation stage. Safety of the workers should be top priority for the management.
- Management should continue to assist the local communities as a corporate social responsibility.

The present EIA report is enough to meet the administrative and legal framework. Therefore, the environmental approval may be accorded for the present project.

ANNEXURE-A

TERM OF REFERENCES (TORS)

TERM OF REFERENCES (TORS)

TO CONDUCT THE ENVIRONMENTAL IMPACT ASSESSMENT STUDY FOR INTEGRATED WASTE MANAGEMENT FACILITY

BY

M/S CENOT INTERNATIONAL

LOCATED AT

MANGA RAIWIND ROAD, VILLAGE ROSA, TEHSIL KOT RADHA KISHAN DISTRICT KASUR

TERM OF REFERNCES

These terms of references are being submitted for the subject EIA study under 5 (f) of policy and procedure for the filing, review and approval of environmental assessment. These TORs of EIA have been prepared by the environmental consultants, in consultation with the project proponent.

INTRODUCTION OF PROJECT:

The Subject project is the Proposed project is the establishment of integrated waste management facility including; Waste Metal/Items Recycling, dismantling of de-gassed/de-oiled compress, Recycling of waste cables/ conductor (into metal by removing plastic insulation), Waste Food Items Recycling, Plastic Waste Item Recycling and Other Diverse Industrial Waste by M/s Cenote International located at Manga Raiwind Road, Village Rosa, Tehsil Kot Radha Kishan District Kasur. The capacity for metal shredding at 7600MT per month, plastic processing at 6500MT per month, the handling of food/organic waste at 8000 tons per month, dismantling of de-gassed, de-oiled compressors 6000MT/month, recycling of waste cables/conductors (into metal by removing plastic insulation) 8000MT per month and sustainable management of other diverse industrial waste types with the cost of 240 million

Name & Address of proponent

Mr. Ali Asghar Qayyum (Proponent)

Post office Khaas, Bacheki, Tehsil & District Nankana Sahib

M/S IRFAN ENGINEERING PVT LIMITED has appointed the Pak Green Enviro-Engineering (Pvt) Ltd as the Consultant for the subject project to conduct the EIA. M/S Pak Green Enviro-Engineering (Pvt) Ltd will be called as "Consultant" **M/S CENOT INTERNATIONAL** as the "Client".

Objective of the EIA study

The Objective of study includes Compliance of section 12 of PEPA 1997 (Amended 2012) & NEQS/ PEQS.

Purpose of the EIA
The key objectives of the EIA are to:

- Document the ecological and socioeconomic baseline conditions of the study area and the affected communities

- Inform and obtain input from stakeholders, (e.g., governmental authorities, the public, and indigenous communities) and capture their relevant issues and concerns
- Assess in detail the environmental, social, and health impacts that would result from the Project
- Identify environmental and social mitigation measures to address the impacts identified
- Develop the EMPs as discussed above, based on the mitigation measures developed in the EIA
- Meet the requirements or recommendations of the applicable national Environmental Laws and Guidelines

Scope of Services

1. Review of existing regulatory framework

    1.1 Laws and Regulations

    1.2 National and International Guidelines and Policy

    1.3 Guidelines of Labor & Human Resource Department

    1.4 Punjab Local Government Ordinance

2. Methodology for carrying out this study

    2.1 Project Description

    2.2 Site Selection

    2.3 Project Alternatives

3. Process Description

    3.1. Detailed review of the processes

    3.2 Design Parameters

    3.3 Details related to Plant and Equipment's

4. Environmental profile of the environmental study area

    4.1 Climatology

    4.2 Geographical features

    4.3 Geological and Hydrological features

    3.5.4 Historical review

    3.5.5 Land Use

    3.5.6 Ecology, i.e. Flora and Fauna etc.

    3.6 Analysis of EPA required environmental parameters

3.6.1 Sampling for Air, Water, and Noise Level

3.7 Investigate Socio-Economic and Socio-Environmental aspects and cultural values within and around the operating facility

3.7.2 Cultural and Social Values

3.7.4 Interviews from different groups

3.8 Development activities and Waste Management

3.9 Identify and evaluate major environmental impacts

3.10 Identify mitigation measures and develop Environmental Management and Monitoring plan

3.11 Conclusions based on the study conducted for this EIA

3.12 1-2 Site Visits for data acquisition

3.13 Environmental Monitoring plan

3.14 Preparation of Lab Analysis Report

3.15 Preparation of Environmental Management Plan EMP

3.16 Briefing & Presentation to the Expert Committee in the EPA Punjab.

3.17 Reply to technical Environmental Objections/Review

3.18 Presentation in the office of DG EPA, Punjab (if required)

CLIENT RESPONSIBILITY

- Proponent will be responsible to nominate a senior officer as Coordinator who will be responsible for all coordination activities as required by the Consultants and to whom the Consultants will refer for information and assistance. All correspondence between the Consultants and the CLIENT will be routed through the coordinator
- Consultants will require free access to all relevant information available with the Client
- The report developed for the CLIENT shall be the property of the CLIENT and the Consultants shall adhere to confidentiality morally as well as legally.
- Client will provide relevant documents as:
    - Signed application on company letterhead
    - Pay Order in favor of DG EPA as review fee 30,000/-
    - Undertaking on Stamp Paper as per EPA Format
    - Affidavit on Stamp Paper as per EPA Format
    - Copy of CNIC of the proponent
    - Dually filled and Sign Schedule IV
    - Details of firefighting Equipment
    - Layout Maps of the project
    - Other NOCS/Certificates from other concerned departments (if any)
    - Any other relevant documents/details required by the consultant.

Signatures: _____

Environmental Consultant

Pak Green Enviro-Engineering Pvt. LTD.

Signatures: _____

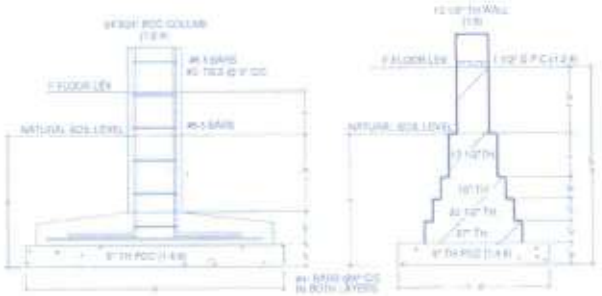
Proponent: Ali Asghar Qayyum

M/s Cenote International

ANNEXURE-B

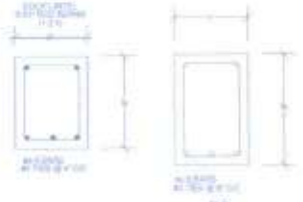
LAYOUT & GOOGLE MAP OF PROPOSED SITE

GROUND FLOOR PLAN OF GODOWN AND MILL

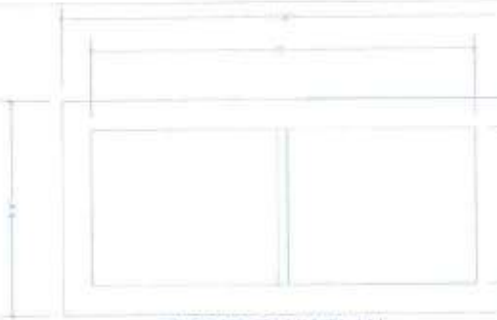


RCC COLUMN DETAIL
SCALE 1/2" = 1'-0"

BRICK WALL DETAIL
SCALE 1/2" = 1'-0"

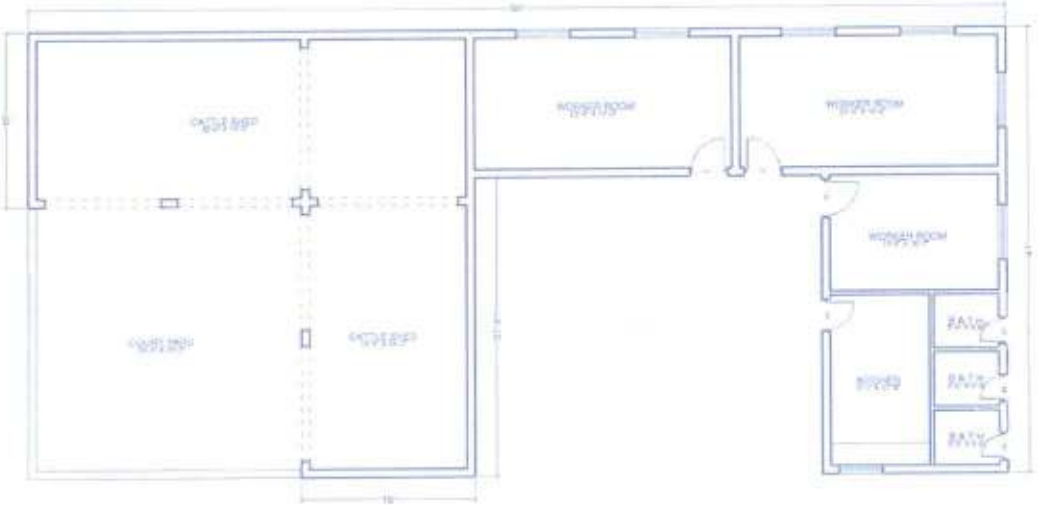


BEAMS DETAIL AND SECTIO N
SCALE 1" = 1'-0"

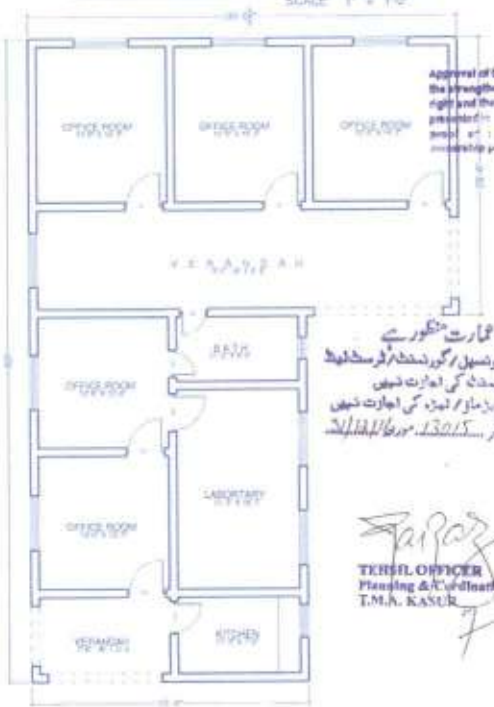


SEPTIC TANK PLAN
SCALE 1/2" = 1'-0"

SEPTIC TANK X SECTION
SCALE 1/2" = 1'-0"



G/FLOOR PLAN OF LABOUR QUARTERS
SCALE 1/8"=1'-0"



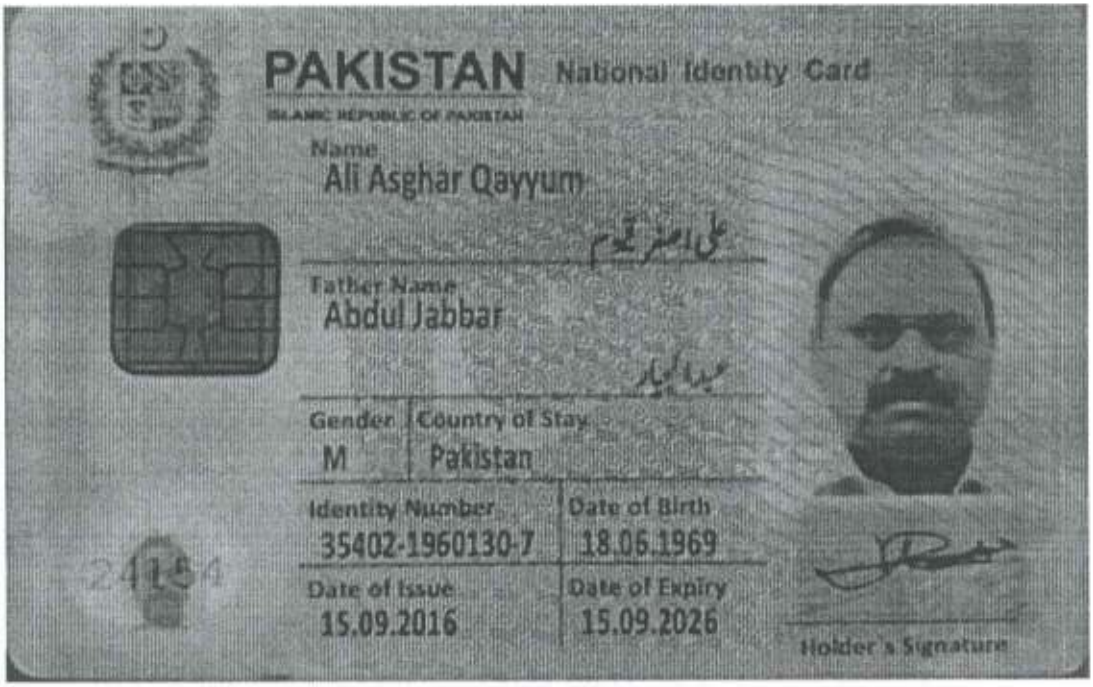
G/FLOOR PLAN OF OFFICE BLOCK
SCALE 1/8"=1'-0"

OVER HEAD W/TANK SEC.
SCALE 1/2" = 1'-0"


Mashallah Chicken Sale Center Rosa
Poly Pack Pvt Ltd Unit # 2
9031"N, 74°7'40.4484"E
Govt Elementary School
Manga - Raiwind Road
Aslam Electric work shop
Kot Radha Kishan
N
100 m

ANNEXURE-C

CNIC & OTHER DOCUMENTS


PAKISTAN National Identity Card

ISLAMIC REPUBLIC OF PAKISTAN

Name
Ali Asghar Qayyum

علی اصغر قیوم

Father Name
Abdul Jabbar

عبدالجبار

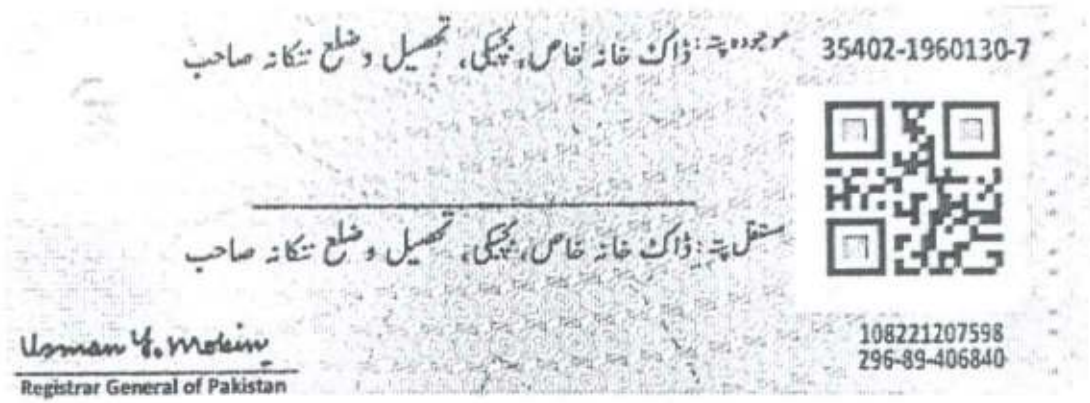
Gender | Country of Stay
M | Pakistan

Identity Number | Date of Birth
35402-1960130-7 | 18.06.1969

Date of Issue | Date of Expiry
15.09.2016 | 15.09.2026

Holder's Signature

Scanned with CamScanner


35402-1960130-7

موجودہ پتہ: ڈاک خانہ خاص، بچھکی، تحصیل و ضلع شکانہ صاحب

مستقل پتہ: ڈاک خانہ خاص، بچھکی، تحصیل و ضلع شکانہ صاحب

Usman Y. Mobin

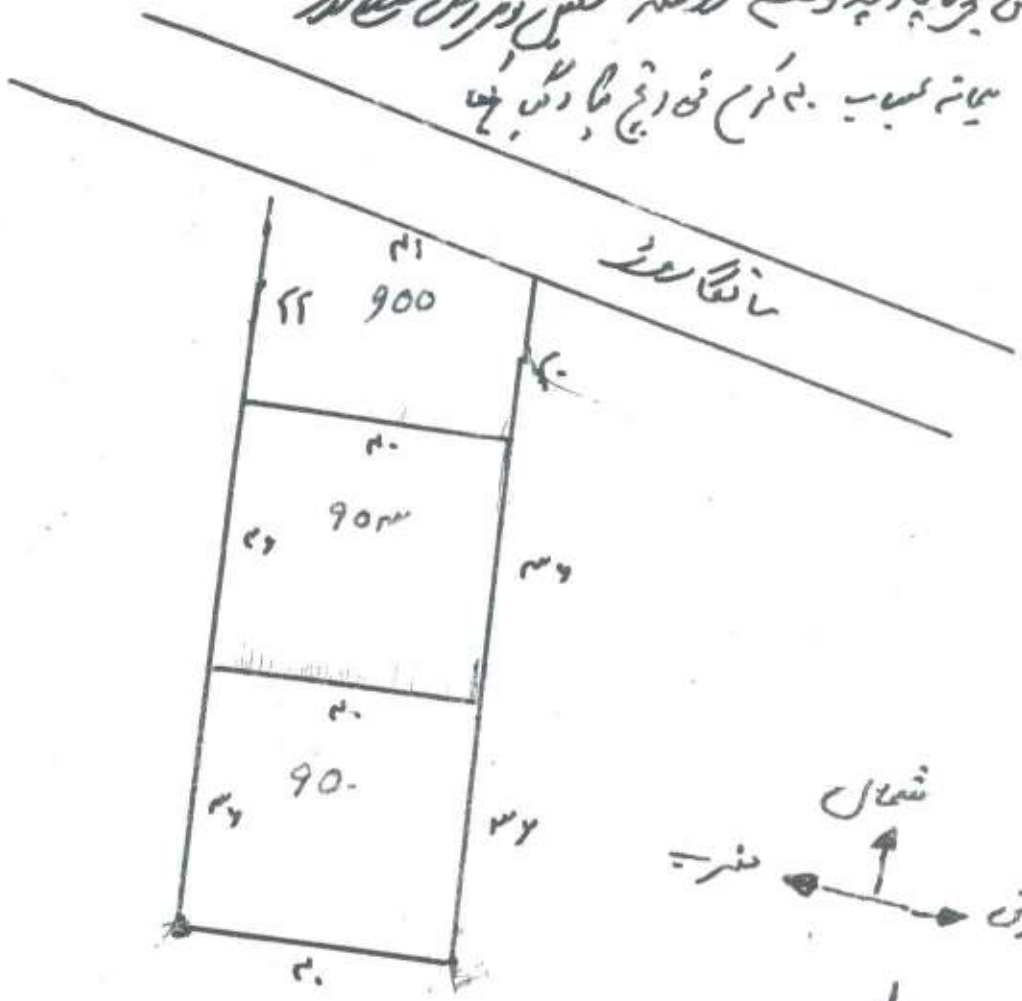
Registrar General of Pakistan

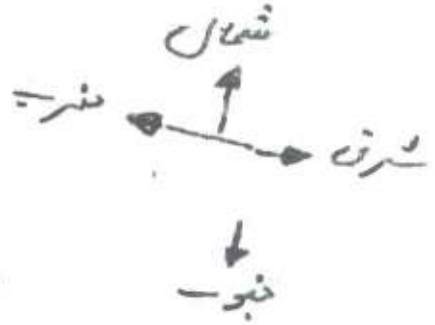
108221207598
296-89-406840

گمشدہ کارڈ ملنے پر قریبی لیٹر بکس میں ڈال دیں

عکس شجرہ پارچہ وضع بدست محکمہ مال کے نمائندہ

میانہ کسب ۲۰ کنال فی رقبہ چار گنا ہا





ڈپٹی کمشنر ضلع شیخوپورہ

07/6/2024

حکومت پنجاب محکمہ آبپاشی
ایگزیکٹو انجینئر لاہور ڈرینج ڈویژن
کینال بنک دھرمپورہ لاہور

GOVERNMENT OF THE PUNJAB
IRRIGATION DEPARTMENT
OFFICE OF THE EXECUTIVE ENGINEER
LAHORE DRAINAGE DIVISION LAHORE

042-99250327 xen_drainagelahore@irrigation.punjab.gov.pk

To

Mr. Ali Asghar Qayyum,
Cenote International,
Manga Raiwind Road,
Rossa Stop, District Kasur.

No.LDD/2024/ 491 /124-M Dated Lahore, the 25th April, 2024

SUBJECT:- NOC FOR DISPOSAL OF SEWERAGE / EFFLUENT WATER OF CENOTE INTERNATIONAL LOCATED AT MANGA RAIWIND ROAD ROSSA STOP, DISTRICT KASUR INTO NEHLA DRAIN RD.10+000 – 11+000/LEFT

Reference: - Your office letter No. Nil Dated.06-04-2024

On the recommendations of Sub Divisional Officer, Kasur Drainage Sub Division, Lahore, the conditional No Objection Certificate provisionally is hereby granted with reference to your request quoted under reference for disposing of 0.25 Cs sewerage water of above subject Unit into the Nehla Drain at RD.10+000 – 11+000/Left subject to the fulfillment of following conditions.

1. The "Management" will get the effluent treated through disposal works / process in order to eliminate passing of injurious substance into the drain. The process will be so designed, constructed and operated by the Management at its own expenses; so that the process eliminates injurious substance and that the resultant quality of the effluent at any time remains within the acceptable limits and is not injurious to human / animal life.

2. The "Management" will design, construct and maintain at its own expenses and to the satisfaction of the Government, such works as effluent channel, cross irrigation / drainage works, outfall structure, bank or other appurtenant works as may be necessary to properly treat and safely discharge the effluent into the "Drain" without causing any obstruction to the main flow of the "Drain". Sponsor should responsible for getting NOC for Canal Crossing and Road cutting from concerned Authority / Department.

3. The "Management" will at its own cost get the chemical analysis of the effluent done on quarterly basis from the Directorate of Land Reclamation of the Government for review of the later.

4. The "Management" will pay to the Government an amount of Rs.8,750/- each year in the month of July as per received bill,

towards the cost of maintenance of the "Drain". This amount shall be subject to review every year by the Government in order to accommodate the higher maintenance charges on account of escalation / increase in labor costs etc.

5. The "Management" will not change the maximum discharge of the wastewater and its quality without prior approval of the Government so as to control the disposal and bring quality of the effluent within the acceptable limit.

6. The agreement shall remain in force for a period of one year commencing on July, 2023 and shall automatically terminate on 30th June, 2024. The agreement may also be renewed every year before the 1st July on such terms and conditions as may be agreed upon between the parties.

7. The "Management" shall be responsible to abide by all the laws / rules / policies of the Government of the time being in force for the purpose of controlling pollution of water of natural / artificial streams, nullahs, drains etc.

8. In case the "Management" fails to comply with any term and condition of this Agreement, the agreement shall stand terminated after expiry of 30 days notice given by the Government after such failure and in such an event the "Management" will not be entitled to any compensation or claims damages whatsoever from the Government.

9. This agreement may also be terminated by any party by giving 30 days prior notice in writing to the other.

10. In case, any dispute or difference of opinion in respect of this Agreement or any matter relating thereto arises between the parties, it shall be referred to the Superintending Engineer, Lahore Drainage Circle, Lahore of the Government whose decision thereon shall be binding and final on the parties.

11. The sponsor before start of work they should be bound to provide the design of structure of inlet including levels.

2. You are accordingly requested to collect the bill from the office of the undersigned for payment on the date specified in the agreement (copy of agreement enclosed).

Enclosed: **As Above**

EXECUTIVE ENGINEER
LAHORE DRAINAGE DIVISION
LAHORE

CC:

Sub Divisional Officer, Kasur Drainage Sub Division, Lahore.

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف/پتی عدارد　تحصیل کوٹ راوھاکشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 79 / 2

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	گوالف مالک: نام مالک معہ ولد/شوہر قوم اور سکونت	گوالف مالک: نوعیت حقوق مالک راہن مرتہن	گوالف مالک: مشترکہ کھاتہ میں خصوص حصہ	گوالف مالک: خصوص رقبہ مطابق حصہ	گوالف مالک: زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ ہم اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ وار اور میزان کھتونی کاشتکار / کھیوٹ مالک	وسائل آبپاشی معہ ہم چاہ/راجباہ وغیرہ	نشان جو کاشتکار اور کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ وجوب	کیفیت معہ 1 - نام نمبر دار (اگر کوئی ہو) 2 - شرح مالیہ زمین
45 مذکور	69 مذکور							950 عارضہ کاہلونی	8-0-0 غیر ممکن مرغی خانہ				آج مورخہ 06/07/2021
		جعفری بیگم بیوہ علی شیر قوم راجپوت جوہان ساکنہ س/ب) قومی شناختی کارڈ نمبر 35102-2894682-8 	مالک	24075/186525	5-7-0			955 صحنچی زمین	6-7-0 غیر ممکن فیکٹری				بعدالت جناب محمد عمران خان صاحب صاحب بعدالت جناب شیخ سہیل بار کوٹ راوھاکشن ضلع قصور بجنوان محمد آصف ولد علی شیر، محمد یوسف ولد علی شیر، جعفری بیگم بیوہ علی شیر، جعفری بیگم بیوہ علی شیر تاریخ فیصلہ 30/06/2021 حکم داماتی جاری ہو چکا ہے۔ لیس نمبر 0
								955 زرعی زمین	6-7-0 غیر ممکن فیکٹری				

نقل مطابق اصل ہے　نام درخواست کنندہ　محمد یوسف ولد علی شیر

فرد برائے ذاتی ریکارڈ　قوم راجپوت جوہان　شناختی کارڈ نمبر　3510288197855

نام اجراء کنندہ　سجاد اصغر ولد اصغر علی　کمپیوٹرائزڈ نقل۔ دستخط کی ضرورت نہیں ہے۔　فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

مہر تصدیق پر انگوٹھا　11/03/2024 10:07:54　مراثی ریکارڈ سنٹر کوٹ راوھاکشن

مہر اجراء　11/03/2024 09:58:24　فرد فیس 1,050

مہر تصدیق انگوٹھا　11/03/2024 09:55:49　ٹوکن نمبر 7

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

حال روسہ　　طرف/پتی ندارد　　تحصیل کوٹ راوحاکشن　　ضلع قصور　　سال 2019-20　کتاب نمبر　　ورق نمبر 79 / 3

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (و)	۳ (ی)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک: ہم مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک راجن مرتھن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر	ہم کاشتکار معہ احوال	نمبر شمار معہ نام اگر کوئی ہو	رقبہ قسم زمین کھیوٹ اراضی میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ/راجباہ وغیرہ	نشان جو کاشتکار اور مطالبہ کرتا ہے شرح	مطالبہ معہ تفصیلات مالیہ و مبوب	کیفیت معہ 1 - نام نمبر دار (اگر کوئی ہو) 2 - شرح مالیہ زمین
45 مذکور		جعفری، بیگم سید علی شیر قوم زراجپوت ساکنہ یہ ب) قومی شناختی کارڈ نمبر 35102-2894682-8	مالک	448/829	22-8-0		میزان کھتونی	قطعات 7	41-9-0 اکتالیس کنال نو مرلہ	قسم زمین ب نشن 3-11-0 غیر نشن نیلکری 6-7-0 غیر نشن مرلی خالد 8-0-0 غیر نشن مرلی خالد 8-0-0 شمری 15-11-0			نمبر انتقال 2446 قسم انتقال تقسیم عاقی بمرجع فیصلہ 21-02-2014 نمبر انتقال 2480 قسم انتقال ہبہ بحق جائز وارثان رجسٹری بمرجع فیصلہ 26/09/2020 فرد بدر نمبر 280 بمرجع فیصلہ 05/10/2020
							میزان کھیوٹ	قطعات	41-9-0	قسم زمین			

نقل مطابق اصل ہے　　نام درخواست کنندہ　　محمد یوسف ولد علی شیر

فرد برائے ذاتی ریکارڈ　　قوم راجپوت جوہان　　شناختی کارڈ نمبر　　3510268197855

نام اندراج کنندہ　　سجاد اصغر ولد اصغر علی

مہر تصدیق شدہ　　11/03/2024 10:07:54

مہر تصدیق اندراج　　11/03/2024 09:58:24

لیبو لرائزڈ نقل ۔ دستخط کی ضرورت نہ ہے۔　　فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

تحصیل ریکارڈ دفتر　　کوٹ راوحاکشن

فرد نمبر　　1,050

ٹوکن نمبر　　7

مہر تصدیق افسر　　11/03/2024 09:55:49

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف/پتی غارہ　تحصیل کوٹ رادھا کشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 79 / 4

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (و)	۳ (ز)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	گوشۂ مالک: ہام مالک معہ ہام والد/خاوند قوم اور سکونت	گوشۂ مالک: نوعیت تحقق مالک راہن مرتہن	گوشۂ مالک: مشترکہ کھاتہ میں مخصوص حصہ	گوشۂ مالک: مخصوص رقبہ مطابق حصہ	گوشۂ مالک: زرعی یا اس یک نمبر	ہام کاشتکار معہ احوال	نمبر شمار معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیت وار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وساکل آبپاشی معہ ہام چاہ راجباہ وغیرہ	واگان جو کاشتکار واکرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ وجوب	کیفیت معہ 1 -نام نمبر دار (اگر کوئی ہو) 2 -شرح مالیہ زمین
45 مذکور								7	آٹھ بیس کنال نو مرلہ	غیر ممکن 3-11-0			
										غیر ممکن تیکڑی 6-7-0 غیر ممکن مرفی خانہ 8-0-0 غیر ممکن مرفی خانہ 8-0-0 نہری 15-11-0			

نقل مطابق اصل ہے　ہام درخواست گذندہ　محمد یاسف ولد علی شیر

فرد برائے ذاتی ریکارڈ　قوم راجپوت جوہان　شناختی کارڈ نمبر 3510288197855

ہام اجراء کنندہ　سجاد اصغر ولد اصغر علی

تاریخ فرد بنگ　11/03/2024 10:07:54

تاریخ اجراء　11/03/2024 09:58:24

ٹیمپر پروف نقل۔ دستخط کی ضرورت نہیں ہے۔

براضی ریکارڈ آفس کوٹ رادھا کشن

فرد فیس　1,050

نوکن نمبر　7

تاریخ نوکن اجراء　11/03/2024 09:55:49

فرد آئی ڈی　0-00-00-090-00-00-00-0021442451

فردکی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف ربی　عمارہ　تحصیل کوٹ رادھا کشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 79 / 7

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	گوالف مالک: نام مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر شمار معہ نام اگر کوئی ہو	رقبہ، قسم زمین کیفیت دار اور میزان گھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ، راجباہ وغیرہ	لگان جو کاشتکار ادا کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ واجب	کیفیت معہ 1 -نام نمبردار (اگر کوئی ہو) 2 -شرح مالیہ زمین
46 مذکور		بھری بیگم بیوہ علی شیر قوم راجپوت جوبان ساکنہ یہ	مالک	956/26325	0-4-56								
		سلب) قومی شناختی کارڈ نمبر 35102-2894682-8 		حصہ مشترکہ 956/26325	رقبہ مشترکہ 0-4-56								
		باقی بدستور میزان		83/117 34/117	1-14-0								
							میزان کھیوٹ	تعلقات	5-17-0	قسم زمین			

نقل مطابق اصل ہے　نام درخواست کنندہ　محمد یوسف ولد علی شیر

فرد برائے لاگو ریکارڈ　قوم راجپوت جوبان　شناختی کارڈ نمبر　3510288197855

نام اجراء کنندہ　سید اصغر داد اصغر علی

مہر تاریخ اجراء　11/03/2024 10:07:54

مہر تاریخ فرد اجراء　11/03/2024 09:58:24

کمپیوٹرائزڈ نقل، دستخط کی ضرورت نہیں ہے۔　فرد آئی ڈی　0-00-00-090-00-00-00-0021442451

تراضی ریکارڈ اسٹمپ　کوٹ رادھا کشن

فرد فیس　1.050

ٹوکن نمبر　7

11/03/2024 09:55:49　مہر تاریخ ٹوکن اجراء

فردی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف/پتی عدد　تحصیل کوٹ رادھا کشن　ضلع قصور　سال 2019-20 کتاب نمبر　ورق نمبر 79 / 8

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (و)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک					ہم کاشتکار معہ احوال	نمبر خسرہ معہ ہم اگر کوئی ہو	رقبہ و قسم زمین کیفیت دار ہور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ/راجباہ وغیرہ	لگان جو کاشتکار ادا کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ و جوب	کیفیت معہ 1 -نام نمبردار (اگر کوئی ہو) 2 -شرح مالیہ زمین
		ہم مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک رائکن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر							
46 مذکور								1	پانچ کنال ستر مرلے	نمبر مکس آبپاشی 5-17-0			

نقل مطابق اصل ہے　نام درخواست گنندہ　محمد یوسف ولد علی شیر

فرد برائے ڈیٹا ریکارڈ　قوم راجپوت چوہان　شناختی کارڈ نمبر 3510288197855

ہم اقرار کنندہ　سجاد اصغر ولد اصغر علی　11/03/2024 10:07:54

ہم ثبت فرد پر انگوٹھا　11/03/2024 09:58:24

ہم ثبت فرد اجراء

لیپیو شد برائے نقل ۔ دستخط کی ضرورت نہ ہے۔

فرد فیس　1,050

ٹوکن نمبر　7

ہم ثبت ٹوکن اجراء

11/03/2024 09:55:49

فرد آئی ڈی　0-00-00-090-00-00-00-0021442451

اراضی ریکارڈ سنٹر　کوٹ رادھا کشن

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ طرف ارپتی عمارہ تحصیل کوٹ رادھا کشن ضلع قصور سال 2019-20 کتاب نمبر ورق نمبر 79 / 9

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	گوالف مالک: نام مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک (راہن مرتہن)	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ دار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ راجباہ وغیرہ	لگان جو کاشتکار ادا کرتا ہے شرح اور مطالبہ	مطالبہ معہ تصفیات مالیہ وجیب	کیفیت معہ 1 ۔نام نمبردار (اگر کوئی ہو) 2 ۔شرح مالیہ زمین
43 33	60 تا 67	جعفری۔بیگم بیوہ علی شیر قوم راجپوت ساکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-2894682-8	مالک	59/54855 حصہ متفقہ 59/54855	0-2-140 رقبہ متفقہ 0-2-140		باقی بدستور	قطعات 29	سالم کھاتہ 121-18-0 ایک سواکیس کنال اٹھارہ مرلے				بحوالہ انتقال نمبر2092 قرار بنام مستفصلہ مورخہ 31/10/2008 کھاتہ ہذا رقبہ تعدادی 121-18-0 ؁ 349/2438 بقدر 17-9-0 بکنی منجانب مدعی پولی کارپوریشن والد بلوغ مبلغ 100000/- ایوری آڈر بن ہو چکا ہے
		جعفری۔بیگم بیوہ علی شیر قوم راجپوت جوبان ساکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-2894682-8	مالک	141/548550 حصہ متفقہ 47/182850	0-0-141 رقبہ متفقہ 0-0-141								

نقل مطابق اصل ہے نام درخواست کنندہ محمد یوسف ولد علی شیر

فرد برائے ذاتی ریکارڈ قوم راجپوت جوبان
شناختی کارڈ نمبر 3510288197855

نام اجراء کنندہ سجاد اصغر ولد اصغر علی
مہر تاریخ تحریر خانگ 11/03/2024 10:07:54
مہر تاریخ فرد اجراء 11/03/2024 09:58:24

لیٹیسٹ نمبر نقل۔ رجسٹر کی ضرورت نہ ہے۔
فرد آئی ڈی 0-00-00-090-00-00-00-0021442451
اراضی ریکارڈ دفتر کوٹ رادھا کشن
فرد فیس 1,050
ٹوکن نمبر 7
مہر تاریخ ٹوکن اجراء 11/03/2024 09:55:49

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف اپنی　مدار　تحصیل کوٹ رادھا کشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 79 / 10

۱	۲	۳ (الف)	۳ (ج)	۳ (ر)	۳ (و)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	گواہک مالک: ہم مالک معہ ہم والد/خاوند قوم اور سکونت	نوعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زمی پاس بک نمبر	ہم کاشتکار معہ احوال	نمبر خسرہ معہ ہم اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ دار اور چیزیں کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ ہم چاہ/راجباہ وغیرہ	مطالبہ معہ تفصیلات مالیہ وجوب	کیفیت معہ 1 -ہم نمبر رود (اگر کوئی ہو) 2 -شرح مالیہ زمین
43 مذکور	60 تا 67 مذکور												بحوالہ انتقال نمبر 2540 مؤرخہ 22/06/2015 بذریعہ تحصیلدار صاحب کوٹ رادھا کشن
		محمد آصف والد علی ثمیر قوم راجپوت چوہان ساکنہ	مالک	197/548550	0-0-197								تعہ ولی 0-18-121 ؍ 160/1219 بتعہ 0-0-16 عمل ہم-ی-بی بنک لمیٹڈ منجانب ہم الفضل والد محمد افضل، مسمی اللہ والد حبیب اللہ نکال، بلوض مبلغ 100000 مؤرخہ ہو چکا ہے
		۳(ب) قومی شناختی کارڈ نمبر			رقبہ متعلقہ								
		35102-3894372-9 			0-0-197								

نقل مطابق اصل ہے　نام درخواست کنندہ　محمد یوسف والد علی ثمیر　فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

فرد بمطابق ڈائری ریکارڈ 1.　قوم راجپوت چوہان　شناختی کارڈ نمبر 3510288197855

نام اجراء کنندہ　سجاد اصغر ولد اصغر علی　لیمینیٹڈ نقل۔ دستخط کی ضرورت نہیں ہے۔

تاریخ فرنٹ نگ　11/03/2024 10:07:54　اراضی ریکارڈ سنٹر کوٹ رادھا کشن

تاریخ فراہم　11/03/2024 09:58:24　فیس　1,050

ٹوکن نمبر　7

تاریخ ٹوکن اجراء　11/03/2024 09:55:49

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ طرف/پتی ندارد تحصیل کوٹ رادھاکشن ضلع قصور سال 2019-20 کتاب نمبر ورق نمبر 79 / 11

۱	۲	۳ (الف)	۳ (ج)	۳ (ر)	۳ (و)	۳ (ی)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک: ہم مالک معہ ہم والد/خاوند قوم اور سکونت	کیفیت حقوق مالک رائمن مرتھن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ ہم اگر کوئی ہو	رقبہ قسم زمین کیفیت دار اور میزان گھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ ہم چاہ راجبہ وغیرہ	مطالبہ معہ تفصیلات مالیہ وجوب	لگان جو کاشتکار ادا کرتا ہے شرح اور مطالبہ	کیفیت معہ 1 -نام نمبر دار (اگر کوئی ہو) 2 -شرح مالیہ زمین
43 مذکور	60 تا 67 مذکور	محمد یوسف ولد علی ضمیر قوم راجپوت چوہان ساکنہ یہ ۳(ب) قومی شناختی کارڈ نمبر 35102-8819785-5 	مالک	197/548550	0-0-197								بحوالہ انتقال نمبر 2139 آنریبل منتقلہ مورخہ 15/06/2009 کھاتہ
				مخصوص حصہ مشترکہ 197/548550	رقبہ مشترکہ 0-0-197								بذریعہ انتقال 0-18-121 349/2438 بقدر 0-9-17 منجانب کنٹی مدنی پونی کارپوریشن ولد بلوغ مبلغ 200000 تک آنریبل ہو چکا ہے
		باقی بر مشتر کہ سہ ران		2433/2438 5/2438	0-5-0								

نقل مطابق اصل ہے نام درخواست گنندہ محمد یوسف ولد علی ضمیر

فرد بنانے والی پارٹی قوم راجپوت چوہان شناختی کارڈ نمبر 3510288197855

نام اجراء کنندہ سجاد اصغر ولد اصغر علی

تاریخ فرد و اجراء 11/03/2024 10:07:54

تاریخ فرد و اجراء 11/03/2024 09:58:24

فرد فیس 1,050

نمبر ٹوکن 7

تاریخ ٹوکن اجراء 11/03/2024 09:55:49

کمپیوٹرائزڈ نقل۔ دستخط کی ضرورت نہ ہے۔

فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

برانچ ریونیو ڈسٹرکٹ کوٹ رادھاکشن

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف اپچ　عدارد　تحصیل کوٹ رادھاکشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 79 / 12

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ر)	۳ (ز)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک: نام مالک معہ نام والد/خاوند قوم اور سکونت	کوائف مالک: نوعیت حقوق مالک راہن مرتہن	کوائف مالک: مشترکہ کھاتہ میں مخصوص حصہ	کوائف مالک: مخصوص رقبہ مطابق حصہ	کوائف مالک: زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ ہم اگر کوئی ہو	رقبہ و قسم زمین کھیت وار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ ہم چاہ راجباہ وغیرہ	نشان جو کاشتکار ادا کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ واجب	کیفیت معہ 1 -ہم نمبر دار (اگر کوئی ہو) 2 -شرح مالیہ زمین
43 مذکور	60 ج 67 مذکور												بحوالہ انتقال نمبر 2249 اقرار کن مفصلہ حسب ذیل
													20/05/2011 کھاتہ بذاردقبہ تعدادی 0-18-121 کھاتہ 349/2438 بقدر 0-9-17 عین مطالبہ مدعی پرتی کارپوریشن والہ بلجوض مبلغ 100000 اقرار کن ہو چکا ہے

نقل مطابق اصل ہے　ہم درخواست کنندہ　محمد یوسف والد علی شیر

فرد برائے ذاتی ریکارڈ　قوم راجپوت چوہان　شناختی کارڈ نمبر 3510288197855

ہم اجرا کنندہ　سجاد اصغر والد اصغر علی　11/03/2024 10:07:54

مہر تصدیق شدہ　11/03/2024 09:58:24

لیمینیٹڈ ٹرانزٹ نقل۔ دستخط کی ضرورت نہ ہے۔

ادائیگی ریکارڈ دفتر　کوٹ رادھاکشن

فرد فیس　1,050

ٹوکن نمبر　7

فرد آئی ڈی　0-00-00-090-00-00-00-0021442451

11/03/2024 09:55:49　مہر تاریخ ٹوکن اجراء

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　　طرف اپتی عدد　　تحصیل کوٹ رادھاکشن　　ضلع قصور　　سال 2019-20 کتاب نمبر　　ورق نمبر 64 / 79

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوالک مالک: نام مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ نام اگر کوئی ہو	قرقبہ و قسم زمین کھیوٹ دار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ/اجباہ وغیرہ	کیفیت معہ تفصیلات 1 -نام نمبر دار (اگر کوئی ہو) 2 -شرح مالیہ زمین	مطالبہ معہ تفصیلات مالیہ و حبوب	لگان جو کاشتکار کو اکرتا ہے شرح اور مطالبہ
43 مذکور	60 تا 67 مذکور							29	ایک سو اکیس کنال اٹھارہ مرلے	نہر قدیم 12-1-0 تھور کلر 26-9-0 غیر ممکن آبادی 10-17-0 غیر ممکن تکنیری 20-13-0 نہری 51-18-0			

نقل مطابق اصل ہے　　ہمراہ درخواست کنندہ　　محمد یوسف ولد علی شیر

فردبدائے ذاتی ریکارڈ　　قوم راجپوت چوہان　　3510288197855
نمبر شناختی کارڈ

نام انگوٹھہ کنندہ

مہر دستخط فرد ذمہ دار محکمہ

11/03/2024 09:58:24

سجاد اصغر ولد اصغر علی

11/03/2024 10:07:54

نمبر فرد ریکارڈ نقل۔ اضافی ضرورت نہ ہے۔　　آر آئی ڈی 0-00-00-090-00-00-00-0021442451

عرضی ریکارڈ انسٹر کوٹ رادھاکشن

فرد نمبر 1,050

لوکیشن نمبر 7

11/03/2024 09:55:49　　مہر دستخط لوکیشن افسر

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف/پتی عمارہ　تحصیل کوٹ رادھاکشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 79 / 65

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	گواہ مالک: ہم مالک معہ ہم والد/خاوند قوم اور سکونت	گواہ مالک: نوعیت حقوق مالک راہن مرتہن	گواہ مالک: مشترکہ کھاتہ میں مخصوص حصہ	گواہ مالک: مخصوص رقبہ مطابق حصہ	گواہ مالک: زرعی پاس بک نمبر	ہم کاشتکار معہ احوال	نمبر خسرہ معہ ہم اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ وار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ ہم چاہ/راجباہ وغیرہ	مطالبہ معہ تفصیلات مالیہ واجب	نکان جو کاشتکار خود کرتا ہے شرح اور مطالبہ	کیفیت معہ 1 - ہم نمبر وار (اگر کوئی ہو) 2 - شرح مالیہ زمین
49 38	78	محمد آصف والد علی شیر قوم راجپوت چوہان ساکنہ ب) قومی شناختی کارڈ نمبر 35102-3894372-9	مالک	236/3375 حصہ مشترکہ 236/3375	0-1-11 رقبہ مشترکہ 0-1-11		باقی بدستور	قطعات 1	سالم کھاتہ 0-15-0 پندرہ مرلے				آج مورخہ 06/07/2021 بعدالت جناب محمد عمران خان صاحب' صاحب بعدالت جناب منیر سول جج لوئے رادھاکشن ضلع قصور بحضور شمشیر علی ولد علی نواز خان، جعفری بیگم بیوہ علی شیر، خالدہ جمیل ولد محمد جمیل، محمد یوسف ولد علی شیر، محمد آصف ولد علی شیر، محمد ایوب ولد محمد جمیل، عبدالقیوم ولد محمد جمیل، جعفری بیگم بیوہ علی شیر بتاریخ فیصلہ 30/06/2021 حکم امتناعی جاری ہو چکا ہے۔ لیس لہور.0
49	78	محمد یوسف والد علی شیر قوم راجپوت چوہان ساکنہ ب) قومی شناختی کارڈ نمبر 35102-8819785-5	مالک	236/3375 حصہ مشترکہ 236/3375	0-1-11 رقبہ مشترکہ 0-1-11								

نقل مطابق اصل ہے　ہم درخواست کنندہ　محمد یوسف والد علی شیر

فرد برائے ذاتی ریکارڈ　قوم راجپوت چوہان　3510288197855

شناختی کارڈ نمبر

ہم اجرا کنندہ　سجاد اصغر والد اصغر علی　فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

مہر تصدیق جاری ہونے کا وقت　11/03/2024 10:07:54　فیس ٹرانزٹ نقل۔ دستخط کی ضرورت نہ ہے۔

مہر تصدیق افسر　11/03/2024 09:58:24　مال ریکارڈ دفتر کوٹ رادھاکشن

فرد فیس　1,050

ٹوکن نمبر　7

مہر تاریخ ٹوکن اجراء　11/03/2024 09:55:49

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ طرف/پتی عمارو تحصیل کوٹ رادھاکشن ضلع قصور سال 2019-20 کتاب نمبر ورق نمبر 79 / 66

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک: ہر مالک معہ نام والد/خاوند قوم اور سکونت	کوائف مالک: نوعیت حقوق مالک راہن مرتہن	کوائف مالک: مشترکہ کھاتہ میں مخصوص حصہ	کوائف مالک: زرعی یا س ٹ نمبر	کوائف مالک: مخصوص رقبہ مطابق حصہ	ہم کاشتکار معہ احوال	نمبر خسرہ معہ نام اگر کوئی ہو	رقبہ و قسم زمین گھیوٹ دار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ ہم چاہ راجباہ وغیرہ	کاشتکار جو کاشتکار واکرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ و جیب	کیفیت معہ 1 - نام نمبر دار (اگر کوئی ہو) 2 - شرح مالیہ زمین
49 مذکور		 جعفری بیگم بیوہ علی شیر قوم راجپوت چوہان سکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-2894682-8 	مالک	170/3375 واحد متکسر 34/675		0-0-170 رقبہ متکسر 0-0-170						فرد بدر نمبر 154 منظور شدہ بمدرج فیصلہ 21/10/13 انتقال نمبر 2058 قسم انتقال ہبہ زبانی انتقال نمبر 2057 قسم انتقال ہبہ زبانی نمبر انتقال 2417 قسم انتقال وراثت بمدرج فیصلہ 2013/09/24 انتقال نمبر 2056 قسم انتقال وراثت نمبر انتقال 2480 قسم انتقال ہبہ بحق جائز داران رجسٹری بمدرج فیصلہ 26/09/2020

نقل مطابق اصل ہے نام درخواست گنندہ محمد یوسف ولد علی شیر

فرد بیاسے ذاتی ریکارڈ قوم راجپوت چوہان شناختی کارڈ نمبر 3510288197855

ہم اجراء کنندہ سجاد اصغر ولد اصغر علی

بمدرج گرداور قانگ 11/03/2024 10:07:54

تاریخ فرد اجراء 11/03/2024 09:58:24

نمبر فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

نمبر ڈائری نقل۔ دستخط کی ضرورت نہ ہے۔

تراضی ریکارڈ دسٹرکٹ کوٹ رادھاکشن

فرد نمبر 1,050

کوڈ نمبر 7

11/03/2024 09:55:49 بمدرج کوڈ نمبر اجراء

فوری تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ طرف/پتی مدوہ تحصیل کوٹ رادھاکشن ضلع قصور سال 2019-20 کتاب نمبر ورق نمبر 79 / 67

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک					نام کاشتکار معہ احوال	نمبر خسرہ معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ وار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ اجاہ وغیرہ	لگان جو کاشتکار ادا کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ وجبہ	کیفیت معہ 1- نام نمبردار (اگر کوئی ہو) 2- شرح مالیہ زمین
		نام مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر							
49 مذکور		حضری بیگم بیوہ علی شیر قوم راجپوت ساکندیہ سوال ب) قومی شناختی کارڈ نمبر 35102-2894682-8 	مالک	236/1125 حصہ منتقلہ 236/1125	0-3-33 رقبہ منتقلہ 0-3-33								نمبر انتقال 2988 قسم انتقال وراثت زبانی بتاریخ فیصلہ 09/11/2020
		باقی بدستور میزان		3/5 2/5	0-6-0								
							میزان کھیوٹ	قطعات	0-15-0	قسم زمین			

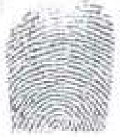
نقل مطابق اصل ہے

فرد برائے ذاتی ریکارڈ

نام درخواست کنندہ محمد یوسف ولد علی شیر

قوم راجپوت چوہان

شناختی کارڈ نمبر 3510288197855



نام اجراء کنندہ سجاد اصغر ولد اصغر علی

تاریخ فرد پرنٹنگ 11/03/2024 10:07:54

تاریخ فرد اجراء 11/03/2024 09:56:24

کمپیوٹرائزڈ نقل دستخط کی ضرورت نہیں ہے۔

اراضی ریکارڈ سنٹر کوٹ رادھاکشن

فرد فیس 1,050

ٹوکن نمبر 7

فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

تاریخ ٹوکن اجراء 11/03/2024 09:55:45

فردکی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　　طرف ربع عدد　　تحصیل کوٹ رادھاکشن　　ضلع قصور　　سال 2019-20　کتاب نمبر　　ورق نمبر 79 / 68

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	گوالف مالک: باہم مالک معہ باہم والد/خاوند قوم اور سکونت	نوعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی یا س بک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ باہم اگر کوئی ہو	رقبہ و قسم زمین کھیت دار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ باہم چاہ راجباہ وغیرہ	مکان جو کاشتکار کو اکرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ وحبوب	کیفیت معہ 1 -نام نمبر دار (اگر کوئی ہو) 2 -شرح مالیہ زمین
49 مذکور								1	بدر و مرلے	غیر ممکن مسجد 0-11-0 غیر ممکن مکان 0-4-0			

نقل مطابق اصل ہے　　باہم درخواست کنندہ　　محمد یوسف ولد علی شیر

فرد برائے ذاتی ریکارڈ　　قوم راجپوت چوہان

شناختی کارڈ نمبر　　3510288197855

باہم اجراء کنندہ

ہمراہ فرد اجراء

ہمراہ نقل فرد اجراء

سجاد اصغر ولد اصغر علی

11/03/2024 10:07:54

11/03/2024 09:58:24

لیبیو فرائزڈ نقل۔ دستخط کی ضرورت نہیں ہے۔

فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

اراضی ریکارڈ سنٹر کوٹ رادھاکشن

فرد فیس 1,050

ٹوکن نمبر 7

ہمراہ ٹوکن اجراء 11/03/2024 09:55:49

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف/پتی عدد　تحصیل کوٹ رادھا کشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 69 / 79

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک: نام مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک زائن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ در اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نہم چاہ/راجباہ وغیرہ	لگان جو کاشتکار ادا کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ و جیب	کیفیت معہ 1 - نہم نمبردار (اگر کوئی ہو) 2 - شرح مالیہ زمین
52 41	81	محمد آصف والد علی شیر قوم راجپوت جوہان ساکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-3894372-9	مالک	1794/38025 حصہ متنقلہ 46/975	0-7-219 رقبہ متنقلہ 0-7-219		باقی بدستور	قطعات 2	سالم کھاتہ 8-9-0 آٹھ کنال نو مرلہ				آج مورخہ 06/07/2021 بعدالت جناب محمد عمران خان صاحب، صاحب بعدالت جناب سنیئر سول جج کوٹ رادھا کشن ضلع قصور بعنوان جعفری بیگم بدو علی شیر، نجمہ دختر علی شیر، شمشیر علی والد علی نواز خان، محمد یوسف والد علی شیر، کوثر پروین دختر علی شیر، نسیم اختر دختر علی شیر، نسرین بیگم دختر علی شیر، محمد آصف والد علی شیر، شبانہ نواز والد علی نواز خان، رضیہ سلطانہ دختر علی شیر، نورین بی بی دختر علی شیر بذریعہ فیصلہ مورخہ 30/06/2021 حکم امتناعی جاری ہو چکا ہے۔
		محمد یوسف والد علی شیر قوم راجپوت جوہان ساکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-8819785-5	مالک	1791/38025 حصہ متنقلہ 199/4225	0-7-216 رقبہ متنقلہ 0-7-216								

نقل مطابق اصل ہے　نام درخواست کنندہ　محمد یوسف والد علی شیر

فرد برائے ذاتی ریکارڈ　قوم راجپوت جوہان　شناختی کارڈ نمبر　3510288197855

نام اجراء کنندہ　سجاد اصغر والد اصغر علی　11/03/2024 10:07:54

مدرج فرد اجراء　مدرج کرنے کا وقت　11/03/2024 09:56:24

لیسیز فار نقل - استعمال کی ضرورت نہ ہے۔

راشی ریکارڈ سنٹر　کوٹ رادھا کشن

فرد فیس　1,050

ٹوکن نمبر　7

مدرج ٹوکن اجراء　11/03/2024 09:55:49

فرد آئی ڈی　0-00-00-090-00-00-00-0021442451

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف/پتی محمدو　تحصیل کوٹ رادھا کشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 79 / 70

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوالف مالک: ہم مالک معہ ہم والد/خاوند قوم اور سکونت	کوالف مالک: نوعیت حقوق مالک راہن مرتہن	کوالف مالک: مشترکہ کھاتہ میں مخصوص حصہ	کوالف مالک: مخصوص رقبہ مطابق حصہ	کوالف مالک: زرعی پاس بک نمبر	ہم کاشتکار معہ احوال	نمبر شمار معہ نام اگر کوئی ہو	رقبہ، قسم زمین کھیوٹ دار اور میزان کھتونی کاشتکار و کھیوٹ مالک	سال آبپاشی معہ ہم چاہ، راجباہ وغیرہ	نگران جو کاشتکار کراتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ وجیب	کیفیت معہ 1 - نام نمبردار (اگر کوئی ہو) 2 - شرح مالیہ زمین
52 مذکور													ٹیس نمبر 0
		جعفری بیگم بیوہ علی شیر قوم راجپوت جوہان ساکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-2894682-8	مالک	1284/38025 مع منسلکہ 428/12675	0-5-159 رقبہ منسلکہ 0-5-159								نمبر انتقال 2384 قسم انتقال بیع مدرج فیصلہ 2013/02/28 فرد بدر نمبر 68 منظور شدہ مدرج فیصلہ 9/9/13 نمبر انتقال 2417 قسم انتقال وراثت مدرج فیصلہ 2013/09/24 نمبر انتقال 2884 قسم انتقال صحت اندراج مدرج فیصلہ 19/07/2019 نمبر انتقال 2921 قسم انتقال وراثت زبانی مدرج فیصلہ 06/02/2020
													
		باقی بدستور		3684/4225									

نقل مطابق اصل ہے　ہم درخواست کنندہ　محمد یاسف ولد علی شیر

فرد برائے ذاتی ریکارڈ　قوم راجپوت جوہان　شناختی کارڈ نمبر 3510288197855

ہم اقرار کنندہ　سجاد اصغر ولد اصغر علی

مدرج فرد ملاحظہ　11/03/2024 10:07:54

مدرج فرد اجراء　11/03/2024 09:58:24

تحصیل فرد آفس سے نقل کی ضرورت ہے۔

فرد فیس　1,050

ٹوکن نمبر　7

مدرج ٹوکن اجراء　11/03/2024 09:55:49

فرد آئی ڈی　0-00-00-090-00-00-00-0021442451

دارالضبط ریکارڈ سنٹر کوٹ رادھا کشن

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ طرف/پتی عدد تحصیل کوٹ رادھا کشن ضلع قصور سال 2019-20 کتاب نمبر ورق نمبر 79 / 71

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	گواہف مالک: نام مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک رہان مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی یا رہائشی یک نمبر	نام کاشتکار معہ احوال	نمبر عکس و معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ وار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ و اجباہ وغیرہ	نگران جو کاشتکار کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ و حبوب	کیفیت معہ 1 -نام نمبر وار (اگر کوئی ہو) 2 -شرح مالیہ زمین
52 مذکور		میزان		541/4225	1-1-144								فردبدر نمبر275مدرج فیصلہ 28/09/2020
							میزان کھیوٹ	تعلقات 2	8-9-0 آٹھ کنال نو مرلہ	قسم زمین غیر نگین آبادی 8-9-0			

نقل مطابق اصل ہے نام درخواست کنندہ محمد یوسف ولد علی شیر

فرد برائے ذاتی ریکارڈ قوم راجپوت چوہان

شناختی کارڈ نمبر 3510288197855

نام اجراء کنندہ سید اصغر ولد اصغر علی

مدرج فرد پر جنگ 11/03/2024 10:07:54

مدرج فرد اجراء 11/03/2024 09:58:24

لمبیدار/پٹواری نقل۔ دستخط کی ضرورت نہ ہے۔

ادائیگی رجسٹر ڈسٹرکٹ کوٹ رادھا کشن

فرد فیس 1,050

ٹوکن نمبر 7

مدرج ٹوکن اجراء 11/03/2024 09:55:49

فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

فردی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　　طرف/پتی ندارد　　تحصیل کوٹ رادھاکشن　　ضلع قصور　　سال 2019-20　کتاب نمبر　　ورق نمبر 72 / 79

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھتونی مالک	نمبر کھتونی کاشتکار	کوائف مالک: ہم مالک معہ ہم والد/خاوند قوم اور سکونت	توعیت حقوق مالک رہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر	ہم کاشتکار معہ احوال	نمبر شمار و معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیت دار اور میزان کھتونی کاشتکار و کھیت مالک	وسائل آبپاشی معہ نام چاہ اجاہ وغیرہ	نشان جو کاشتکار اگر ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ وجیوب	کیفیت معہ 1 ۔سابم نمبردار (اگر کوئی ہو) 2 ۔شرح مالیہ زمین
51 40	80	محمد یوسف والد علی شیر قوم راجپوت چوہان ساکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-8819785-5	مالک	1673/31950 حصہ متعلقہ 1673/31950	0-7-98 رقبہ متعلقہ 0-7-98		باقی برستور	قطعات 2	سالم کھاتہ 7-2-0 سات کنال دو مرلہ				آج مورخہ 06/07/2021 بعدالت جناب محمد عمران خان صاحب بعدالت جناب سٹیو سول جج کوٹ رادھاکشن ضلع قصور بعنوان جعفری بیگم بیوہ علی شیر، محمد یوسف والد علی شیر، شمشیر علی والد علی نواز خان، محمد آصف والد علی شیر، شہباز والد علی نواز خان، جعفری بیگم بیوہ علی شیر بتاریخ فیصلہ 30/06/2021 حکم "استمائی جاری ہو چکا ہے۔ لیس نمبر 0 فرد بدر نمبر 67 منظور شدہ بحق قبضہ 09/09/2013
		بھتری بیگم بیوہ علی شیر قوم راجپوت چوہان ساکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-2894682-8	مالک	1154/31950 حصہ متعلقہ 577/15975	0-5-29 رقبہ متعلقہ 0-5-29								

نقل مطابق اصل ہے　　نام درخواست کنندہ　　محمد یوسف والد علی شیر

فرد برائے ذاتی ریکارڈ　　قوم راجپوت چوہان　　3510288197855
شناختی کارڈ نمبر

ہم اجراء کنندہ　　سجاد اصغر والد اصغر علی　　11/03/2024 10:07:54

بحق فرد ہذا　　11/03/2024 09:58:24

لیمینیٹڈ/پلاسٹڈ نقل ۔ دستخط کی ضرورت نہ ہے۔　　فرد آئی ڈی　　0-00-00-090-00-00-00-0021442451

براہی ریکارڈ دستخط　　کوٹ رادھاکشن

فرد فیس　　1,050

ٹوکن نمبر　　7

11/03/2024 09:55:49　　بحق ٹوکن اجراء

فردی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ طرف/پتی عدد تحصیل کوٹ رادھاکشن ضلع قصور سال 2019-20 کتاب نمبر ورق نمبر 79 / 73

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (و)	۳ (ز)	۳	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک: نام مالک معہ نام والد/خاوند قوم اور سکونت	کوائف مالک: نوعیت حقوق مالک راہن مرتہن	کوائف مالک: مشترکہ کھاتہ میں مخصوص حصہ	کوائف مالک: مخصوص رقبہ مطابق حصہ	کوائف مالک: زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ دار اور میزان کھتونی کاشتکار و کھیوٹ مالک	واسکی آبپاشی معہ نام چاہ/راجباہ وغیرہ	لگان جو کاشتکار اور کرتبہ شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ و حدود	کیفیت معہ 1 - نام نمبر دار (اگر کوئی ہو) 2 - شرح مالیہ زمین
51 مذکور													نمبر انتقال 2287 قسم انتقال بیع مدرج فیصلہ 2012/02/13
		محمد آصف ولد علی شیر قوم راجپوت جوہان ساکنہ	مالک	1673/31950	0-7-98								نمبر انتقال 2544 قسم انتقال بیع مدرج فیصلہ 2015/08/31
		۳(ب) قومی شناختی کارڈ نمبر 35102-3894372-9 		رقبہ متعلقہ 1673/31950	رقبہ متعلقہ 0-7-98								نمبر انتقال 2186 قسم انتقال بیع مدرج فیصلہ 2010/01/12
													نمبر انتقال 2417 قسم انتقال وراثت مدرج فیصلہ 2013/09/24
													فرد بدر نمبر 153 منظور شدہ مدرج فیصلہ 3/10/13
													انتقال نمبر 1996 قسم انتقال ہبہ زبانی

نقل مطابق اصل ہے نام درخواست کنندہ محمد آصف ولد علی شیر

فرد برائے ذاتی ریکارڈ قوم راجپوت جوہان شناختی کارڈ نمبر 3510288197855

نام اجراء کنندہ سجاد اصغر ولد اصغر علی

مدرج فرد برائے نقل 11/03/2024 10:07:54

مدرج فرد اجراء 11/03/2024 09:58:24

لیپیز فرار نقل دستخط کی ضرورت نہ ہے۔

محاصل ریکارڈ دفتر کوٹ رادھاکشن

فرد فیس 1.050

ٹوکن نمبر 7

مدرج ٹوکن اجراء 11/03/2024 09:55:49

فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

فردی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف اپنی　مدارد　تحصیل　کوٹ رادھاکشن　ضلع　قصور　سال　2019-20　کتاب نمبر　ورق نمبر　79 / 74

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	بوالف مالک: نام مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر شمار و معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ واراضی میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ/راجباہ وغیرہ	مکان جو کاشتکار اور کرتے ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ و جیب	کیفیت معہ 1 ۔نام نمبردار (اگر کوئی ہو) 2 ۔شرح مالیہ زمین
51 مذکور		جعفری بیگم بیوہ علی شیر قوم راجپوت ساکنہ یہ س(ب) قومی شناختی کارڈ نمبر 35102-2894682-8	مالک	21/142 حصہ متنقل 21/142	1-1-0 رقبہ متنقل 1-1-0								نمبر انتقال 2587 قسم انتقال بیع نام مرتع فیصلہ 2016/09/28
		باقی بدستور میزان		101/142 41/142	2-1-0								نمبر انتقال 2480 قسم انتقال ہبہ بحق جائز وارثین رجسٹری مورخ فیصلہ 26/09/2020
							میزان کھیوٹ	قطعات	7-2-0	قسم زمین			

نقل مطابق اصل ہے　نام درخواست کنندہ　محمد یوسف والد علی شیر

فردبرائے ذاتی ریکارڈ　قوم　راجپوت جوہان

شناختی کارڈ نمبر　3510288197855

نام اجرا کنندہ　سجاد اصغر ولد اصغر علی　11/03/2024 10:07:54

مہر مع آئرن خانگ

مہر مع فرد اجراء　11/03/2024 09:58:24

لیپیو فر برائے نقل۔ دستخط کی ضرورت نہ ہے۔

فرد آئی ڈی　0-00-00-090-00-00-00-0021442451

براشی ریکارڈ دفتر　کوٹ رادھاکشن

فرد فیس　1,050

ٹوکن نمبر　7

11/03/2024 09:55:49　مہر مع ٹوکن اجراء

فردی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف اپچی عدد　تحصیل کوٹ رادھاکشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 79 / 75

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک					نام کاشتکار معہ احوال	نمبر خسرہ معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ دار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ/ راجباہ وغیرہ	نشان جو کاشتکار اور کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ و جیب	کیفیت معہ 1 -نام نمبر ور (اگر کوئی ہو) 2 -شرح مالیہ زمین
		نام مالک معہ نام والد/خاوند قوم اور سکونت	نوعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر							
51 مذکور								2	سات کنال دو مرلہ	غیر ممکن آبادی 7-2-0			

نقل مطابق اصل ہے　نام درخواست کنندہ محمد یوسف والد علی شیر　3510288197655

فرد برائے اراضی ریکارڈ　قوم راجپوت جوہان　شناختی کارڈ نمبر

نام اجراء کنندہ سید اصغر والد اصغر علی　11/03/2024 10:07:54

مہر شناختی شناخت　11/03/2024 09:58:24

مہر اجراء فرد

لیپ ٹاپ کا نقل۔ دستخط کی ضرورت نہ ہے۔

فرد فیس 1,050

ٹوکن نمبر 7

فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

دفاضی ریکارڈ سنٹر کوٹ رادھاکشن

11/03/2024 09:55:49　مہر ٹوکن اجراء

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ طرف/پتی عدد تحصیل کوٹ رادھا کشن ضلع قصور سال 2019-20 کتاب نمبر ورق نمبر 76 / 79

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (ہ)	۳ (و)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک: نام مالک معہ ولد/خاوند قوم اور سکونت	نوعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ ہم اگر کوئی ہو	رقبہ، قسم زمین کھیوٹ دار اور میزان کھتونی کاشتکار، کھیوٹ مالک	وسائل آبپاشی معہ ہم چاہ، اجاہ وغیرہ	نگان جو کاشتکار ادا کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ واجب	کیفیت معہ 1 - ہم نمبر دار (اگر کوئی ہو) 2 - شرح مالیہ زمین
84 73	143	محمد آصف ولد علی شیر قوم راجپوت چوہان ساکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-3894372-9	مالک	113/10575 حصہ مشترکہ 113/10575	0-0-113 رقبہ مشترکہ 0-0-113		باقی بدستور	قطعات 1	سالم کھاتہ 2-7-0 دو کنال سات مرلہ				انتقال نمبر 2012 قسم انتقال بعد رجسٹری شدہ انتقال نمبر 1958 قسم انتقال وراثت انتقال نمبر 1992 قسم انتقال بعد رجسٹری شدہ نمبر انتقال 2570 قسم انتقال بیع بمد رج فیصلہ 2016/05/11 فرد بدر نمبر 276 بمد رج فیصلہ 24/06/2020 نمبر انتقال 2952 قسم انتقال بیع رجسٹری بمد رج فیصلہ 20/07/2020 نمبر انتقال 3049 قسم انتقال بیع رجسٹری بمد رج فیصلہ 03/03/2021
		محمد یوسف ولد علی شیر قوم راجپوت چوہان ساکنہ ۳(ب) قومی شناختی کارڈ نمبر 35102-8819785-5	مالک	112/10575 حصہ مشترکہ 112/10575	0-0-112 رقبہ مشترکہ 0-0-112								

نقل مطابق اصل ہے نام درخواست کنندہ محمد یوسف ولد علی شیر

فرد برائے ادائی ریکارڈ قوم راجپوت چوہان

شناختی کارڈ نمبر 3510288197855

نام اجراء کنندہ سجاد اصغر ولد اصغر علی

مہر بح فرد بر لنگ 11/03/2024 10:07:54

مہر بح فرد اجراء 11/03/2024 09:58:24

نمبر شمار از نقل۔ دستخط کی ضرورت نہ ہے۔

فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

مالی ریکارڈ دفتر کوٹ رادھا کشن

فرد فیس 1,050

ٹوکن نمبر 7

11/03/2024 09:55:49 مہر بح ٹوکن اجراء

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف/پتی ندارد　تحصیل کوٹ رادھاکشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 77 / 79

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (و)	۳ (ز)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک: ہم مالک معہ نام والد/خاوند قوم اور سکونت	توعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص مرقبہ مطابق حصہ	زرعی پاس بک نمبر	نام کاشتکار معہ احوال	نمبر شمار معہ ہم اگر کوئی ہو	مرقبہ و قسم زمین کھیت دار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ ہم چاہ/اجباہ وغیرہ	مطالبہ معہ تفصیلات مالیہ وجوب	کیفیت معہ 1 -نام نہر/دار (اگر کوئی ہو) 2 -شرح مالیہ زمین
84 مذکور													
		باقی بدستور میزان		46/47 1/47	0-1-0								
							میزان کھیوٹ	تقطات 1	2-7-0 دو کنال سات مرلہ	قسم زمین تھور کلر 2-7-0			

نقل مطابق اصل ہے　نام درخواست کنندہ　محمد یوسف ولد علی شیر

فرد برائے ذاتی ریکارڈ　قوم راجپوت چوہان　شناختی کارڈ نمبر　3510288197855

نام اجراء کنندہ　سجاد اصغر ولد اصغر علی　11/03/2024 10:07:54

مہر/دستخط فرد بنگ　مہر/دستخط اجراء　11/03/2024 09:58:24

لیبل/رائٹر نقل دستخط کی ضرورت نہیں ہے۔　فرد آئی ڈی 0-00-00-090-00-00-00-0021442451

اراضی ریکارڈ سنٹر کوٹ رادھاکشن

فرد فیس 1,050

ٹوکن نمبر 7

11/03/2024 09:55:49　مہر/ٹوکن اجراء

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　　طرف اپر　　عدد　　تحصیل کوٹ رادھاکشن　　ضلع قصور　　سال 2019-20　　کتاب نمبر　　ورق نمبر 78 / 79

۱	۲	۳ (الف)	۳ (ج)	۳ (ر)	۳ (ہ)	۳ (د)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	گوالک مالک					ہم کاشتکار معہ احوال	نمبر خسرہ معہ نام اگر کوئی ہو	رقبہ و قسم زمین کھیت دار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ نام چاہ/ راجباہ وغیرہ	امکان جو کاشتکار واگزار ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ وصیوب	کیفیت معہ 1 - نام نمبردار (اگر کوئی ہو) 2 - شرح مالیہ زمین
		ہم مالک معہ نام والد/شوہر قوم اور سکونت	توعیت حقوق مالک راہن مرتہن	مشترکہ کھاتہ میں مخصوص حصہ	مخصوص رقبہ مطابق حصہ	زرعی پاس بک نمبر							

نمبر کھیوٹ	مرلہ نمبر	خسرہ نمبران	خسرہ ولیوایشن	پیمائش	جگہ
43		1934, 1937, 1941, 1954, 2073, 2074, 2088, 2203/937, 2584/937, 2587/1931, 2588/1931, 2589/1932, 2590/1932, 2617/1938, 2618/1930, 2619/1938, 938, 952	9,500,000	فی ایکڑ	آف روڈ
43		906, 907	240,000	فی مرلہ	لنک روڈ
43		921	10,000,000	فی ایکڑ	لنک روڈ
43		954	13,000,000	فی ایکڑ	مین روڈ
43		1935, 1936, 940, 941, 942, 944, 945, 954	7,500,000	فی کنال	مین روڈ
46		909	240,000	فی مرلہ	لنک روڈ
49		1001/2/1	9,500,000	فی ایکڑ	آف روڈ
49		1001/2/1	7,500,000	فی کنال	مین روڈ
51		989, 990	240,000	فی مرلہ	لنک روڈ

نقل مطابق اصل ہے　　نام درخواست گذار　　محمد یوسف ولد علی شیر

فرد برائے ذاتی ریکارڈ　　قوم　　راجپوت چوہان

شناختی کارڈ نمبر　　3510288197855

نام اجرا کنندہ　　سجاد اصغر ولد اصغر علی

جاری کردہ تنگ　　11/03/2024 10:07:54

جاری کردہ　　11/03/2024 09:58:24

کمپیوٹرائزڈ نقل۔ دستخط کی ضرورت نہ ہے۔

فرد آئی ڈی　　0-00-00-090-00-00-00-0021442451

اراضی ریکارڈ سنٹر　　کوٹ رادھاکشن

فرد نمبر　　1,050

ٹوکن نمبر　　7

جاری کردہ　　11/03/2024 09:55:49

فرد کی تصدیق کے لیے اپنے موبائل فون سے (QR) کوڈ سکین کریں۔

نقل رجسٹر حقداران زمین (مسل میعادی)

محال روسہ　طرف/پتی عمارد　تحصیل کوٹ رادھاکشن　ضلع قصور　سال 2019-20　کتاب نمبر　ورق نمبر 79 / 79

۱	۲	۳ (الف)	۳ (ج)	۳ (د)	۳ (و)	۳ (ی)	۴	۵	۶	۷	۸	۹	۱۰
نمبر کھیوٹ مالک	نمبر کھتونی کاشتکار	کوائف مالک: نام مالک معہ ہم والد/خاوند قوم اور سکونت	کوائف مالک: نوعیت حقوق مالک راہن مرتہن	کوائف مالک: مشترکہ کھاتہ میں مخصوص حصہ	کوائف مالک: مخصوص رقبہ مطابق حصہ	کوائف مالک: زرعی یا اس یک نمبر	نام کاشتکار معہ احوال	نمبر خسرہ معہ ہم اگر کوئی ہو	رقبہ و قسم زمین کھیوٹ وار اور میزان کھتونی کاشتکار و کھیوٹ مالک	وسائل آبپاشی معہ ہم چاہ/راجباہ وغیرہ	نگران جو کاشتکار اور کرتا ہے شرح اور مطالبہ	مطالبہ معہ تفصیلات مالیہ و حبوب	کیفیت معہ 1 -ہم نمبر وار (اگر کوئی ہو) 2 -شرح مالیہ زمین

نمبر کھیوٹ	مربع نمبر	خسرہ نمبران	خسرہ ایلیویشن	پیمائش	جگہ
52		957	240,000	فی مرلہ	لنک روڈ
52		958	10,000,000	فی ایکڑ	لنک روڈ
52		957	7,500,000	فی کنال	مین روڈ
84		966	9,500,000	فی ایکڑ	آف روڈ

میزان کل رقبہ متصلہ　5-8-144　پانچ کنال آٹھ مرلہ ایک سو چوالیس فٹ

کل کھیوٹ خسرہ ایلیویشن　22,396,577.00

نقل مطابق اصل ہے　ہم درخواست کنندہ　محمد یوسف ولد علی شیر

فرد جاری کنندہ　قوم راجپوت جوہان　شناختی کارڈ نمبر　3510288197855

ہم اقرار کنندہ　11/03/2024 10:07:54

مہر تصدیق فرد پر دستخط　11/03/2024 09:58:24

مہر تصدیق افسر

لیبل فرد کا نقل سے تصدیق کی ضرورت نہیں ہے۔　فرد آئی ڈی　0-00-00-090-00-00-00-0021442451

تحصیل ریکارڈ سنٹر کوٹ رادھاکشن

فرد فیس　1,050

ٹوکن نمبر　7

11/03/2024 09:55:49　مہر تصدیق افسر

ANNEXURE-D

LAB REPORTS (AIR, NOISE, WATER)

ENVIRONMENTAL PROTECTION AGENCY
GOVERNMENT OF THE PUNJAB
National Hockey Stadium, Gate No. 08
Gaddafi Stadium Complex, Lahore

Validation No. 1074-A Dated 03-06-2024

Validation for Wastewater & Drinking Water

Facility /Project Name & Address Phone	Cenote International	**Sampling Point** Ground Water
	Located at Manga Raiwind Road, Village Rosa Tehsil Kot Radha Kishan District Kasur	

Waste Water (**WW**) Treatment facility
Primary Secondary Tertiary NA

Drinking Water (**W**) Treatment Facility

Total WW collected Sample ..... NA

Total Collected Drinking water samples.....01

Sample Tag for testing parameter is assigned on sample container	Yes✓	NO	NA
Sample is preserved properly for each testing parameter	Yes✓	NO	NA
Sample size is adequate for testing the target parameters	Yes✓	NO	NA
Wastewater Flow Measurement performed to ensure sample representativeness	Yes	NO✓	NA

No. of Waste Water outlets	Waste Water Flow m^3/hr from each outlet (**Optional**)	Water intake m^3/hr (**Optional**)	Water Mass balance complied during sampling (**Optional**)	Sample Type
	NA	NA	Yes No	Grab✓ Composite

Parameter	Matrix W	Matrix WW	Container	Sample Size	Preservation	Yes	NO	NA
Coliform, Total or Fecal			Sterile Container	100 mL	Refrigerate 6 C			
Coliform, Total or Fecal, Chlorinated Water	✓		Sterile Container	100 mL	0.008% Thiosulphate & cooled 6 C	✓		
Color, Turbidity	✓		P,G	500 mL	Cool 6 C	✓		
Hardness, Total	✓		P,G	500ml	HNO3 to pH<2	✓		
Nitrogen, Nitrate + Nitrite , Phenolic Compounds, Oil & Grease, COD, NH3			P,G	2000 mL	H2SO4 to pH < 2, Cool 6C			
Metals, General			P,G Rinsed 1.1 HNO3	500 mL	HNO3 to pH < 2			
Cyanide, Total			P,G	500 mL	NaOH to pH > 12, Cool 6C			
Pesticides, General			Glass	1 Liter	Cool 6 C			

Field Parameters*

Field parameter		pH meter, Model Make	Measurement Method	Calibrated in Field	Measured value
pH		AS 218	APHA 4500 B	Yes✓ NO	
Temp					
Cl					

*** Field testing parameters only be validated by RAs, ROs, DD (Labs)**

Remarks for Sample Quality (if Any):-

Research Officer
Environment Protection Agency
Punjab Lahore

Signature

Name of EPA Officer with office Address

Inspectors /RAs / ROs or ADs /DDs

Basharat - Pak Green Lab
Dated: 21-05-2024
Signature:

Pak-Green Enviro-Engineering (Pvt) Ltd. Lahore Pakistan

Name of Assistant /Deputy Analyst, Analyst

with Name of Private Lab along with Address

ENVIRONMENTAL PROTECTION AGENCY
GOVERNMENT OF THE PUNJAB
National Hockey Stadium, Gate No. 08
Gaddafi Stadium Complex, Lahore

Validation No. 1074-B Dated- 03-06-2024

Validation for Stack & Ambient Monitoring / Sampling

Emission Monitoring under CTM-34 or OTM-39				
Facility Name & Address Phone	Cenote International	Ambient Air & Boundary Wall Noise		
	Located at Manga Raiwind Road, Village Rosa Tehsil Kot Radha Kishan District Kasur			
Industry Category	Baseline			
Analyzer Model & Make :	Noise meter & Anem.			
Average stack emission Values of CO, NOx (in mg/nM3)				
Excess Air / Excess Oxygen (%age):-				
Analyzer exposed for Ramp-Up phase to the sample gas for 5 minutes		Yes	NO	NA✓
Analyzer flow rate and EC temperature monitored during calibration and testing		Yes	No	NA✓
Test Data Phase of sample gas recorded with 15 second interval		Yes	No	NA✓
All key requirements to ensure QA/QC complied for said EPA approved Method		Yes	No	NA✓
Particulate Matter (PM) Monitoring / Sampling under USEPA Method 5 / 17				
Model & Make of Iso-kinetic PM Assembly				
The PM sampling train is complete as per Method 5 & 17		Yes	No	NA✓
Leak Test performed prior to sampling		Yes	No	NA✓
Field data Sheet for PM Sampling filled during PM sampling		Yes	No	NA✓
Data for determining of "K" factor & DGM "Y" Factor filled during sampling		Yes	No	NA✓
All method key requirements during sampling were compiled to ensure QA/QC		Yes	No	NA✓
Filter of Particulate matter is suitable for metal Testing		Yes	No	NA✓
SOx sampling as per Method 8 (Thorin Indicator Method)				
The right absorbent solution are available for SOx Sampling		Yes	No	NA✓
The equipment is capable to maintain flow rate @ 2.0LPM or as per method 8 requirement		Yes	No	NA✓
Sampling for SOx is performed as per method		Yes	No	NA✓
Ambient Air Quality Monitoring by Automatic Monitors for CO, O3, SO2, NOx, PM2.5 & PM10				
In case of continuous monitoring at a site, One Point QC Check Single analyzer & Zero/span check is performed every 14 days.		Yes	No✓	NA
The CE of NOx analyzer is ensured to be maintained within 96% - 104.1%		Yes	No✓	NA
Zero/span check is performed prior to starting ambient monitoring		Yes	No✓	NA
All key requirements for Critical & Operational Criteria for ambient air monitoring by automatic monitors were compiled during monitoring		Yes✓	No	NA
The measuring techniques of monitors comply PEQS		Yes✓	No	NA
Ambient Air Sampling of SPM, PM10, Pb by High Volume Sampler				
In case of Sampling for SPM through samplers, the flow rate of sampler comply PEQS (1.1m3/min).		Yes✓	No	NA
Calibration of Sampler performed prior to sampling		Yes	No	NA
Vehicular Emissions & Noise Measurement				
Sampling of Vehicle emissions and noise measurement have been performed as per method and SOPs		Yes✓	No	NA

Remarks (if Any):-

Assistant Director
Environmental Protection Agency
Punjab Lahore

Signature
Name of EPA Officer with office Address
RAs / ROs /DD(Labs)

Basharat - Pak Green Lab
Dated: 21-05-2024
Signature
Name of Assistant /Deputy Analyst, Analyst with Name of Private Lab along with Address

PAK GREEN ENVIRO-ENGINEERING (Pvt.) Ltd.

ISO/IEC 17025:2017 Accredited Testing Lab, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Head Office: 46-M, Gulberg III, Lahore-Pakistan. Ph: +9242-35441444 Cell: 0303-4442334

EPA Certified

PGG/IMS/FF/063	Rev.#02	Rev date: 04-09-23

TEST REPORT

Ref #: PGG/LAB/2024-5112/AA

Issue date: 30-May-24

Name of Industry/Client: Cenote International
Address of monitoring site: Manga Raiwind Road, Village Rosa Tehsil Kot Radha Kishan District Kasur
Nature of Monitoring: Ambient Air
Monitoring Instrument: AQMS
Monitoring Date: 21-May-24 to 22-May-24
Validated by EPA Representative: Muhammad Nadeem, RO EPA(Lab), Lahore

Results:

Parameters	CO	NO	NO_2	SO_2	PM_{10}	$PM_{2.5}$
	mg/m^3	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	ug/m^3	ug/m^3
Methodology	Non-Dispersive Infrared Absorption (NDIR)	Reduced Pressure Chemiluminescence (CLD)	Reduced Pressure Chemiluminescence (CLD)	UV fluorescence (UVF)	Integrated Sampling Technique	Integrated Sampling Technique
Results	1.22	19.23	23.39	39.36	147.2	45.6*
PEQS for Ambient Air	05 8-Hrs	40 24-Hrs	80 24-Hrs	120 24-Hrs	150 24-Hrs	35 24-Hrs

End of Report

PEQS: Punjab Environmental Quality Standards
Remarks: Parameters with * exceeding PEQS Limit.
Terms & Conditions:

- Analysis was conducted on the request of project proponent for IEE/EIA Baseline study.
- Report cannot be used regarding compliance of any complaint, EPO or any other court case.
- This report should be reproduced pas a whole and not in parts.
- The responsibility of the ethical use of the results reported in this report lies with the client. Consequently, the laboratory is absolved of its responsibility for any claim that may result through the use by the client or others of the results appearing in this report.
- The left-over sample (if so available) shall be retained for fifteen days after the issuance of the report unless otherwise negotiated between the client and the laboratory.
- The report is not valid for any negotiations

Field. Analyst	Chief Analyst	Laboratory Incharge

Pak Green Enviro-Engineering (Pvt.) Ltd. 46-M, Gulberg III, Lahore

info@pakgreen.pk pakgreen@hotmail.com www.pakgreen.pk

PAK GREEN ENVIRO-ENGINEERING (Pvt.) Ltd.

ISO/IEC 17025:2017 Accredited Testing Lab, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Head Office: 46-M, Gulberg III, Lahore-Pakistan. Ph: +9242-35441444 Cell: 0303-4442334

EPA Certified

PGG/IMS/FF/063	Rev.#02	Rev date: 04-09-23

TEST REPORT

Ref #: PGG/LAB/2024-5113/NL

Issue date: 30-May-24

Name of Industry/Client:	Cenote International
Address of monitoring site:	Manga Raiwind Road, Village Rosa Tehsil Kot Radha Kishan District Kasur
Nature of Monitoring:	Noise Level
Monitoring Time:	Real Time
Monitoring Instrument:	Land TEK SL 5868-P
Monitoring Date:	21-May-24
Validated by EPA Representative:	Muhammad Nadeem, RO EPA(Lab), Lahore

Results:

Sr. No.	Locations	Equivalent Noise Level dB (A)
1.	Point-01: East Side	63.0
2.	Point-02: West Side	64.7
3.	Point-03: North Side	70.7
4.	Point-04: South Side	67.3
PEQS (Day Time Industrial Area)		75 dB(A)

..... End of Report.....

PEQS: Punjab Environmental Quality Standards

Remarks: Noise level at all points are in compliance with PEQs Limit.

Terms & Conditions:

- Analysis was conducted on the request of project proponent for IEE/EIA Baseline study.
- Report cannot be used regarding compliance of any complaint, EPO or any other court case.
- This report should be reproduced pas a whole and not in parts.
- The responsibility of the ethical use of the results reported in this report lies with the client. Consequently, the laboratory is absolved of its responsibility for any claim that may result through the use by the client or others of the results appearing in this report.
- The left-over sample (if so available) shall be retained for fifteen days after the issuance of the report unless otherwise negotiated between the client and the laboratory.
- The report is not valid for any negotiations.

Field. Analyst	Chief Analyst	Laboratory Incharge

Pak Green Enviro-Engineering (Pvt.) Ltd. 46-M, Gulberg III, Lahore

PAK GREEN ENVIRO-ENGINEERING (Pvt.) Ltd.

ISO/IEC 17025:2017 Accredited Testing Lab, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Head Office: 46-M, Gulberg III, Lahore-Pakistan. Ph: +9242-35441444 Cell: 0303-4442334

EPA Certified

PGG/IMS/FF/159	Rev.#00	Rev date: 04-09-23

TEST REPORT

Ref #: PGL/LAB/2024-5114/GW

Issue date: 30-May-24

Name of Industry/Client:	Cenote International
Address of monitoring site:	Manga Raiwind Road, Village Rosa Tehsil Kot Radha Kishan District Kasur
Nature of Sample:	Ground Water
Sampling By:	Pak Green Laboratories
Sample Source:	Motor Pump
Date of sampling:	21-May-24
Sample Receiving Date:	21-May-24
Testing Facility:	Pak Green Laboratories
Testing Date:	21-May-24 to 29-May-24
Validated by EPA Representative:	Muhammad Nadeem, RO EPA(Lab), Lahore

Results:

Sr. No.	Parameters	Unit	WHO	PEQS	Method / Technique	Results
1.	Taste	-	≤ 15	≤ 15	APHA-2160 C	Non-Objectionable
2.	Odor	-	Non-Objectionable / Acceptable	Non-Objectionable / Acceptable	APHA-2150 B	Non-Objectionable
3.	Color	TCU	Non-Objectionable / Acceptable	Non-Objectionable / Acceptable	APHA-2120 C	0.000
4.	Turbidity	NTU	< 5	< 5	APHA-2130 B	0.25
5.	Total Hardness^	mg/L	-	<500	APHA-2340 C	32
6.	Total Dissolved Solids^	mg/L	< 1000	< 1000	APHA-2540 C	259
7.	pH^	-	6.5-8.5	6.5-8.5	APHA-4500-H^+ B	7.724 at 21.2°C
8.	Chloride (Cl^{-1}) ^	mg/L	250	< 250	APHA-4500-Cl^{-1}B	30
9.	Electrical Conductivity (EC)^	µS/cm	-	-	APHA-2510 B	766
10.	Sodium (Na)^	mg/L	-	-	APHA-3111 B	96.3732

End of Report

PEQS: Punjab Environmental Quality Standards WHO: World Health Organization ^ PNAC Accredited

Remarks: All Parameters are not in compliance with the PEQS Limit.

Terms & Conditions:

- Analysis was conducted on the request of project proponent for IEE/EIA Baseline study.
- Report cannot be used to comply with any complaint, EPO, or other court case.
- This report should be reproduced as a whole and not in parts.
- The values represent the sample conditions when sampling/monitoring was carried out.
- The Environmental Conditions while performing testing activities are (Temp=22.6-23.8°C) and (RH=52.9-59.9%)
- The Sampling was done as per the sampling and preservation protocol method APHA 1060-B&C
- The responsibility of the ethical use of the results reported in this report lies with the client.
- The leftover sample (if so available) shall be retained for fifteen days after the issuance of the report unless otherwise negotiated between the client and the laboratory.
- The report is not valid for any negotiations.
- Dually calibrated instruments were used during monitoring and testing activities.

Lab. Analyst	Chief Analyst	Laboratory Incharge

Pak Green Enviro-Engineering (Pvt.) Ltd. 46-M, Gulberg-III, Lahore Pakistan

PNAC LAB 180 17025

ANNEXURE-E

WRITTEN FEEDBACK OF SCIOECONOMIC SURVEY

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: صفدر علی ملنگانوی

Residence:

Gender: ☐ M ☑ F

Qualification: میٹرک

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☐	☑	☐	☐	☐
Will the project affect the environment of the area?	☐	☑	☐	☐	☐
Level of satisfaction?	☑	☐	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name:

Residence:

Gender: ☑ M ☐ F

Qualification:

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☑	☐	☐	☐	☐
Will the project affect the environment of the area?	☐	☑	☐	☐	☐
Level of satisfaction?	☑	☐	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: Sobia Raiw ind

Residence:

Gender: ☒ M ☒ F

Qualification: —

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☒	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☐	☐	☐	☐
Will the project help to improve the living standards of the area?	☒	☐	☐	☐	☐
Will the project affect the environment of the area?	☐	☒	☐	☐	☐
Level of satisfaction?	☒	☐	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: Tahaz ik Raiood

Residence:

Gender: ☑ M ☐ F

Qualification: BSc

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☐	☑	☐	☐	☐
Will the project affect the environment of the area?	☑	☐	☐	☐	☐
Level of satisfaction?	☐	☑	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: Fozia Rasheed

Residence:

Gender: ☐ M ☐ F

Qualification: Middle

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☐	☑	☐	☐	☐
Will the project affect the environment of the area?	☑	☐	☐	☐	☐
Level of satisfaction?	☐	☑	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name:

Residence:

Gender: ☒ M ☐ F

Qualification:

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☒	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☒	☐	☐	☐
Will the project help to improve the living standards of the area?	☒	☐	☐	☐	☐
Will the project affect the environment of the area?	☐	☒	☐	☐	☐
Level of satisfaction?	☒	☐	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name:

Residence:

Gender: ☑ M ☐ F

Qualification: —

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☑	☐	☐	☐	☐
Will the project affect the environment of the area?	☐	☑	☐	☐	☐
Level of satisfaction?	☐	☑	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: Zain

Residence: Manga Road

Gender: ☑ M ☐ F

Qualification: BSc

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☑	☐	☐	☐	☐
Will the project affect the environment of the area?	☐	☑	☐	☐	☐
Level of satisfaction?	☑	☐	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: Muhammad Asghar Rajput

Residence:

Gender: ☑ M ☐ F

Qualification: Matric

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☑	☐	☐	☐	☐
Will the project affect the environment of the area?	☐	☑	☐	☐	☐
Level of satisfaction?	☑	☐	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: Shaista Rasheed

Residence:

Gender: M F

Qualification: MSC

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☑	☐	☐	☐	☐
Will the project affect the environment of the area?	☐	☑	☐	☐	☐
Level of satisfaction?	☑	☐	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: Shoaib Paiwind

Residence:

Gender: ☑ M ☐ F

Qualification: B.S. Hons.

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☐	☐	☑	☐	☐
Will the project affect the environment of the area?	☐	☐	☑	☐	☐
Level of satisfaction?	☐	☑	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: رضیہ شکیل
مارگلہ

Residence:

Gender: M ☐ F ☑

Qualification: —

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☑	☑	☐	☐	☐
Will the project affect the environment of the area?	☑	☐	☐	☐	☐
Level of satisfaction?	☐	☑	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: Ahsan

Residence: Manga

Gender: ☑ M ☐ F

Qualification: —

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☑	☐	☐	☐	☐
Will the project increase the importance of the area?	☐	☑	☐	☐	☐
Will the project help to improve the living standards of the area?	☑	☐	☐	☐	☐
Will the project affect the environment of the area?	☐	☑	☐	☐	☐
Level of satisfaction?	☑	☐	☐	☐	☐

Signature of Interviewer

PUBLIC CONSULTATION/ STAKEHOLDER PARTICIPATION REGARDING EIA OF INTEGRATED WASTE MANAGEMENT COMPANY BY CENOT INTERNATIOANL

Name: M. Tariq

Residence: Manga Raiwind Road

Gender: ☑ M ☐ F

Qualification: M.Phil

REMARKS

	Strongly agree	Agree	No comments	Disagree	Strongly disagree
Are you in favor of the proposed construction?	☐	☑	☐	☐	☐
Will the project increase the importance of the area?	☑	☐	☐	☐	☐
Will the project help to improve the living standards of the area?	☐	☑	☐	☐	☐
Will the project affect the environment of the area?	☐	☑	☐	☐	☐
Level of satisfaction?	☐	☐	☐	☐	☐

Signature of Interviewer

ANNEXURE-F

GLOSSARY

GLOSSARY

Words	Dictionary
Discrepancies	A difference between conflicting facts, claims or opinions
Mitigation	The action of lessening in severity or intensity
Evaluated	Estimate or determine the nature, value, quality, ability, extent, or significance
Legislation	law enacted by a legislative body
Aspects	A distinct feature or element in a problem
Compliance	Acting according to certain accepted standards
Flora	All the plant life in a particular region or period
Fauna	All the animal life in a particular region or period
Demarcated	Separate clearly, as if by boundaries
Screening	The display of a motion picture
Substitutions	An event in which one thing is substituted for another
Regulations	An authoritative rule
Stakeholders	A person or organization with an interest or concern in something
Vulnerable	Susceptible to attack
Annunciation	A formal public statement
Rehabilitation	The conversion of wasteland into land suitable for use of habitation or cultivation

ANNEXURE-G

REFERENCES

REFERENCES

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ANNEXURE-H

EIA STUDY TEAM

The current study was carried out by the following professionals:

Sr. #	Designation	Name/Qualification	Experience
1)	Chief Environmentalist/ Lead Environmental Professional	Dr. Imtiaz Hussain PhD Scholar Environmental Management	Ten Years' Experience as Environmentalist
2)	Director/ Senior Environmentalist/ Environmental Professional	Iftikhar Ahmed M.Phil Environmental Sciences	Eight Years' Experience as Environmentalist
3)	Chief Chemist/ Subject Matter Specialist (SMS)	Muhammad Raza ullah M.sc Chemsitry GCU Lahore	Twenty Years' experience
4)	Project Coordinator	Sabeera Tauheed M.phil Environmental Sciences, PU, Lahore	Four Years' Experience
5)	Subject Matter Specialist	Qurat-ul-Ain BS Chemistry GCU, Lahore	Five Years' Experience as Environmentalist
6)	Associate Environmental professional	Nageen Qayyum BS Hons. Environmental Sciences PU, Lahore	2 Years' Experience as Environmentalist
7)	Associate Environmental professional	Muhammad Imran BS Environmental Engineering	2-year Experience

8)	Associate Environmental professional	Umair Rasheed BS (Hons) GC University Lahore	Two years' Experience as a Deputy Analyst
9)	Associate Environmental professional/ Author of the report	Sabeera Tauheed M.Phil. Environmental Sciences, PU, Lahore	4 years' Experience as Environmentalist

ANNEXURE-I

LIST OF ABBREVIATIONS

LIST OF ABBREVIATIONS

OSHA	Occupational Safety and Health Administration
EPA Punjab	Environmental Protection Agency, Punjab
EIA	Environmental Impact Assessment
IEE	Initial Environmental Examination
NEQS	National Environmental Quality Standards
PEQS	Punjab Environmental Quality Standards
PEPA	Punjab Environmental Protection Act
ToRs	Term of references
WAPDA	Water And Power Development Authority