

30/8/2015

EIA for Solid Waste Transfer Station & Recycling of Construction & Demolition Waste at Thokar Niaz Baig Lahore Waste Management Company

ENVIRONMENTAL CHECKLIST

Name: Malik Muhammad Farid Contact# _____

CNIC# _____ Signature: _____

Address: Qitar Bandoh Road near Thokar Niaz Baig Lahore

1. Demarcation of the required Area with specific boundaries of the Power Plant:

The project area located in agricultural land also surrounded by industries near Thokar Niaz Baig.

TYPE OF AREA

- Arid
• Semi-arid ✓
• Populated
• Densely populated ✓
• Any other (specify)

2. Physical Environment

a. Seismology

- Is there any record of earthquakes in the past 50 years
o Yes ✓
o No
• Presence of faults/fractures
o Yes
o No ✓

a. Topography & soils

- Topography and levels of area with respect to its surroundings
Plain land

- Mixed sand /silt/clay/gravel/clayey silt Mexa

Other features which comprise topography

- Erosion/ Water Logged NO
- Landslides NO
- Wetland/ Marshes yes (Marshes)
- Hills NO
- Crops yes
- Any other _____

b. Surface and Ground water

- is groundwater potable Portable
- if yes then was it tested according to the NEQS NO
- If surface water available, what is its quality? Pool (near River Ravi)
- Ownership of surface water body and its existing use Government

- Water pollution sources (Herbicides/ Chemicals etc.) Chemicals
(specify)
- Water or Grey water reuse/ Recycling NO
- Storm water harvesting NO

c. Drainage Conditions

- Hydrological features including ditches, inlets, culverts, swales, channels, water bodies/ courses available Channels, inlets
(specify)
- Availability of any Surface Drains/ Storm water Drains in the Project vicinity for discharge of Wastewater Surface drain
- Any Impervious areas yes

Describe Details:

Due to factory Area and Motorway as well

d. Liquid effluents

- Are there any liquid effluents due to industries/ household yes
- if any other reason Industrial and household (specify)
- Are there any Sewer mains present yes (specify)

e. Solid Waste

- Type of waste generated
- Domestic waste ✓
 - Industrial waste ✓
 - Organic waste ✓
 - Inorganic waste ✓
- _____ (Specify)
- Is solid waste management of the area
- poor ✓
 - nominal
 - good
- Poor management due to
- lack of awareness among people
 - Public or Private waste management authority is not responsible enough
- Both (Specify)

2. ECOLOGICAL ENVIRONMENT

Flora & Fauna

- Mammals Buffalo, Cows, Donkeys, Cats, dog
- Aquatic ecosystems River ecology and wet land ecology
- Birds Crow, Sparrow, Parrots, Pigeon
- Reptiles/ Rodents Snakes, Lizards, I
- Prevailing plants, trees, vegetables, fruits Non fruit trees
- Is there presence of any endangered or rare species of animals/ plants No
- Potential Disturbance/ Threats to the Flora/ Fauna Industrial Pollution

a. Agriculture

- Prevailing Plants Talkhi, Berri, Davaak,
_____ (Specify)
- Crops/ Fruits mostly cultivated (Dry/ Wet Season) Corn, Rice

- Cultivated area/ Orchards area cultivated Area.

b. Other Information

c. Recreational Resources & Development

- Swings/ get together spots/ festivals arrangements *No*
- Opportunity for enjoyment/ well-being/ tourism *Yes (River Ravi)*

d. Aesthetic Values

- Any sources of visual pollution *Yes (Industry)*
- Sources which add to the visual beauty *Motorway, River Ravi*
- If any other *Agriculture field* (Specify)

e. Archaeological or Historical Treasures

- Does the area have any
- Archaeological monuments *No*
 - historical monuments *Yes*
- If yes, *Kamran-ki-Banadasi* (Specify)

f. Cultural Values

- Is the culture of area
- modernized
 - conservative

- Any active community involvement in management of
- Natural Resources *No*
 - cultural heritage *No*
- (Specify)