

Environmental Quality of Savar Pourashava

M Phil Researcher

Department of Geography and Environment

University of Dhaka

(For research purpose only)

Date:

Name of the locality:

Ward No:

Profile of the Respondent

1. Name:

2. Sex: a) Male b) Female

3. Age :.....

4. Educational Qualification :.....

5. Profession: a) Employee b) Businessman c) Housewife

6. Marital Status: a) Single b) Married c) Others

7. Family Type: a) Nuclear family b) Joint family c) Extended family

8. Number of family Members:

9. How long have you been living here?

10. Migration status of the Respondent

a) Permanent but not local b) Local (by born) c) Not permanent

11. If not local where you came from?

12. Reason to Migrate:

13. Have you seen any change in your area for the last 10 years?

a) Yes b) No

14. If yes what kind of changes happens?

a).....

b).....

c).....

15. Why do you live here?

- a) By born
- b) For low living cost
- c) For Business facilities
- d) For Education facilities
- e) For health facilities
- f) For Service facilities

Environmental Quality Issue:

1. Do you know about Environment Quality?

- (a) Yes
- (b) No

2. Do you think the environment at this area is favorable for people?

- (a) Yes
- (b) No

3. Do you know about Pollution?

- (a) Yes
- (b) No

4. What types of pollution do you face severely in your area?

- a) Air pollution
- b) Water pollution
- c) Sound pollution
- d) Soil pollution

	Lowest	Low	Moderate	High	Highest
	1	2	3	4	5
a					
b					
c					
d					

5. Level of pollution at this area:

Lowest	Low	Moderate	High	Highest
1	2	3	4	5

6. Which factors are mainly responsible for environmental pollution?

- (a) Industrialization (b) Transport (c) Use of Pesticides (d) Chemical Waste (e) Sewerage & Garbage (f) Rapid Urbanization (g) Fuel Emission (h) Over Population (i) Deforestation (j) Land Filling (k) Land Conversion

7. Who are mainly affected by this pollution?

- a) Men
- b) Women
- c) Children
- d) Old aged people
- e) Workers

Environmental Quality Of Savar Pourasava

General description of the area:

1 to 5 Scale : lowest to highest

	Lowest	Low	Moderate	High	Highest
	1	2	3	4	5

1. Industrial Pollution

Causes

Increasing Industries pollute savar pourasava					
Detergent chemical creates industrial pollution					
Painting chemicals cause industrial pollution					
Industrial pollution accelerates for region development					

Consequences

Creating peptic ulcer					
Responsible for headache					
People face vomiting problem					
Effect on maternal and child health					
Responsible for malnutrition					
Local people are affected directly					
Creating huge Sound pollution					
Creating skin diseases					
Create ARI (Acute Respiratory Infection) or Asthma					
Responsible for Anemia					
Polluting river's water					
Polluting pond's water					
Polluting lake's water					
Polluting the air					
Pollute drinking water					
Causes soil pollution directly					
Pollutes wetland					

Total Score : Industrial Pollution

--	--	--	--	--	--

1 to 5 Scale : lowest to highest

	Lowest	Low	Moderate	High	Highest
	1	2	3	4	5

2. Water Pollution

Causes :					
Industrial affluent is responsible for water pollution					
Water pollution occurs because of leaking sewer lines					
Dumping of solid wastes cause water pollution					
Polythene creates water pollution					
Printing presses chemical are responsible for water pollution					
Increasing intervention also causes water pollution					
Spilled oil and gas create water pollution					
Water bathing of live stokes create water pollution					
Passing of urine and stool in water create water pollution					
Using poison during catching fish is responsible for water pollution					
Creating water pollution due to construction materials construction					
Water pollution also occur because of sedimentation					
Livestock disposal causes water pollution					
Pesticides and fertilizers on the surrounding agriculture create water pollution					
Waste discharges into pond causes water pollution					
Disposal of household chemicals & personal care products create water pollution					
Consequences :					
Water pollution destroy the living organisms of river and wetlands					
Effects on living animals					
Water pollution is responsible for Diarrhea					
Water pollution decrease of oxygen in water					
Excessive Level of water pollution					
Changing water PH level					
Causes skin diseases of people					
Total Score : Water Pollution					

1 to 5 Scale : lowest to highest

	Lowest	Low	Moderate	High	Highest
	1	2	3	4	5

3. Sound pollution

Causes					
Large number of faulty vehicles causes sound pollution					
Hydraulic horns causes sound pollution					
Excessive sound of music creates sound pollution					
Heavy machineries of factories emit excessive sound					
Excessive level of sound pollution in savar pourasava					
Loudspeakers and amplifiers use responsible for sound pollution					
Consequences					
Hearing losses also created by sound pollution					
Facing problem in speech communication for sound pollution					
Sound pollution disturbance in sleeping					
Sound pollution causes annoyance					
Creating hypertension and high stress levels					
Excessive Sound disturbs educational institutions teaching & learning					
Loss of attention and performance because of sound pollution					
Noise pollution affects both health and behavior					
Unwanted sound can damage psychological health					
Headache and fatigue problem created by sound problems					
Total Score : Sound Pollution					

4. Air Pollution

Causes					
Vehicle emission causes severe air pollution					
Increasing level of air pollution					
Brick fields emission causes air pollution					
Brick fields dust create air pollution					
Hydro-carbons and lead compounds from petrol engines create air pollution					
Air pollution is created by suspended particulate matter by diesel engines					
Burning of fossil fuels causes air pollution					
Exhaust from factories and industries are responsible for air pollution					
Emissions from all types of automobiles and motorcycles have been unabatedly polluting the air					
Open burning incineration contributing to the air pollution					
Solid waste disposal sites also causes air pollution					
Building painting materials are responsible for air pollution					
Chemical oriented dust causes air pollution					
Sediment dust create air pollution					
Paper dust causes air pollution					

1 to 5 Scale : lowest to highest

	Lowest	Low	Moderate	High	Highest
	1	2	3	4	5

Industrial dust causes air pollution					
Tobacco smoking also create air pollution					
Air pollution causes by aerosols and CFCs					
Consequences					
Causes Respiratory infections of people					
Exposure emission of lead and mercury create poisonous organ systems					
Air pollution threatens vegetation					
Causes of cardiovascular diseases by air pollution					
Creating brain damage and death also					
Air pollution increased emissions of CO ₂					
Increases infectious diseases					
Air pollution include urban smog and reduce visibility					
Acid rain occur because of air pollution					
Responsible to damage liver, nerves or kidneys					
Continual exposure to air pollution affects the lungs of growing children					
Total Score : Air Pollution					

5. Soil pollution

Causes					
Chemical waste dumping causes soil pollution					
Releasing toxic vehicle emissions create soil pollution					
The storage of waste in landfills create soil pollution					
Leaks and spills of gasoline and diesel causes soil pollution					
Consequences					
Decreased soil fertility					
Effects on growth of plants					
Changes in soil structure					
Effects on health of people					
Total Score : Soil Pollution					

6. Overall Quality

	Lowest	Low	Moderate	High	Highest
Quality of Air					
Quality of Water					
Quality of Sound					
Effects on People					
Effects on Environment					
<u>Total Score-</u> Overall Quality					