

## SURVEY SPECIFICATIONS (MC GUJRAT, MUZAFFARGARH)

Category	Environmental Parameter	No. of Samples	Frequency	Sampling Locations		Total Samples	Rate/Sample (Rs)	Total Amount(Rs)
				Latitude	Longitude			
Ambient Air and Noise Quality	i. Hydrocarbons/VOCs,	1 from each location	Once	30.176275°	70.954745°	10		
	ii. NOx			30.167541°	70.954514°			
	iii. SOx			30.160720°	70.954831°			
	iv. CO			30.165656°	70.963797°			
	v. CO2			30.172773°	70.973911°			
	vi. Hydrogen sulfide			30.174373°	70.989139°			
	vi. Particulate Matter (PM 2.5 and 10)			30.190910°	70.973241°			
	vii. Noise			30.184217°	71.003851°			
				30.191349°	71.013467°			
				30.157295°	70.933131°			
Sub Total								
Motor Vehicle Exhaust and Noise	i. Smoke ii. CO iii. Noise	10 Samples	Once	Nearby Parking Areas		10		
Sub Total								
Ground Water Quality	i. pH	5 Samples	Once	30.164042°	70.956838°	5		
	ii. Color, Taste, Odor			30.190138°	70.971416°			
	iii. TDS			30.176128°	70.955673°			
	iv. TSS			30.183602°	71.004270°			
	v. Total Hardness			30.192882°	71.011831°			
	vi. Fecal Coliform			GW samples will be taken from handpumps/tubewellsetc. located nearby aforementioned areas.				
	vii. Arsenic							
	viii. Chloride							
	ix. Sulphate							
	x. Iron							
	xi. Cyanide							
	xii. Lead							
	xiii. Selenium							
	xiv. Oil Content							
	xv. Tetrachloroethane							
	xvi. Trichloroethane							
	xvii. Mercury							
Sub Total								
Soil Quality	i. Oil and Grease Content	6 Samples	Once	30.209007°	70.956199°	6		
	ii. Heavy Metals			30.194220°	70.972710°			
	iii. Total Petroleum Hydrocarbons			30.172870°	70.956031°			
	iv. Oil and Grease Content			30.161249°	70.953651°			
	v. Polycyclic Aromatic Hydrocarbons			30.157536°	70.952645°			
				30.171781°	70.974363°			
Sub Total								
<b>Grand Total</b>								