

# **BASELINE SITUATION-SUMMARY**

## **Ambient Air Monitoring Location**

| Sl. No. | Station Code | Location                    | Latitude & Longitude           | Distance          | Direction |
|---------|--------------|-----------------------------|--------------------------------|-------------------|-----------|
|         |              |                             |                                | From Project Area |           |
| 1.      | A1           | Dostpur                     | 26°25'55.12"N<br>86° 5'50.23"E | 420 meters        | S         |
| 2.      | A2           | Shishupal                   | 26°25'53.41"N<br>86°12'28.78"E | 220 meters        | N         |
| 3.      | A3           | Tengrar                     | 26°24'25.62"N<br>86°30'13.98"E | 252 meters        | N         |
| 4.      | A4           | Nirmal                      | 26°23'36.55"N<br>86°43'28.25"E | 215 meters        | N         |
| 5.      | A5           | JPMUMS Middle School, Basia | 26°21'16.32"N<br>86°47'12.65"E | 500 meters        | NE        |

## **Noise Monitoring Location**

| Sl. No. | Station Code | Location                    | Latitude & Longitude           | Distance(km)      | Direction |
|---------|--------------|-----------------------------|--------------------------------|-------------------|-----------|
|         |              |                             |                                | From Project Area |           |
| 1.      | N1           | Dostpur                     | 26°25'55.12"N<br>86° 5'50.23"E | 420 meters        | S         |
| 2.      | N2           | Shishupal                   | 26°25'53.41"N<br>86°12'28.78"E | 220 meters        | N         |
| 3.      | N3           | Tengrar                     | 26°24'25.62"N<br>86°30'13.98"E | 252 meters        | N         |
| 4.      | N4           | Nirmal                      | 26°23'36.55"N<br>86°43'28.25"E | 215 meters        | N         |
| 5.      | N5           | JPMUMS Middle School, Basia | 26°21'16.32"N<br>86°47'12.65"E | 500 meters        | NE        |

## **Ground Water Sampling Location**

| Sl. No. | Code | Location               |                                | Distance(km)      | Direction |
|---------|------|------------------------|--------------------------------|-------------------|-----------|
|         |      |                        |                                | From Project Area |           |
| 1       | GW 1 | Rasidpur Village       | 26°25'54.54"N<br>86° 7'13.30"E | 290 meters        | N         |
| 2       | GW 2 | Ghonghour Village      | 26°25'44.63"N<br>86°14'50.83"E | 40 meters         | N         |
| 3       | GW 3 | Nirmal Village         | 26°23'37.15"N<br>86°43'23.29"E | 163 meters        | NW        |
| 4       | GW 4 | Basia Village (School) | 26°21'16.41"N<br>86°47'13.65"E | 500meters         | NE        |

### Surface Water Sampling Location

| Sl. No. | Code | Location           | Latitude & Longitude           | Distance & Direction |
|---------|------|--------------------|--------------------------------|----------------------|
| 1       | SW 1 | Canal              | 26°26'4.00"N<br>86° 5'35.47"E  | 190 meters, S        |
| 2       | SW 2 | Kamla River        | 26°25'44.63"N<br>86°14'50.83"E | 400 meters, N        |
| 3       | SW 3 | Bhuthi Balam River | 26°24'14.57"N<br>86°30'44.70"E | 34 meters, N         |
| 4       | SW 4 | Koshi River        | 26°21'12.82"N<br>86°46'19.76"E | 350meters, S         |

### Location of Soil Sampling Sites

| Sl. No. | Code | Location                                 | Latitude & Longitude           | Distance & Direction |
|---------|------|------------------------------------------|--------------------------------|----------------------|
| 1       | S1   | Rasidpur Village<br>(Agricultural Field) | 26°25'51.76"N<br>86° 6'58.39"E | 120 meters, N        |
| 2       | S2   | Mafi Mahuahi (Agricultural Field)        | 26°25'41.93"N<br>86°15'59.76"E | 110meters, N         |
| 3       | S3   | Nirmal Village (Agricultural Field)      | 26°23'28.38"N<br>86°43'25.31"E | 50 meters, SW        |
| 4       | S4   | Basia Village (Agricultural Field)       | 26°20'59.28"N<br>86°47'14.56"E | 180 meters, NE       |