



**PUNJAB POLLUTION CONTROL BOARD
VATAVARAN BHAWAN, NABHA ROAD, PATIALA**

REQUEST FOR EXPRESSION OF INTEREST (EoI)

Details of Contaminated and Probably Contaminates sites in Punjab

Sr. no.	Name of the site	Status of the site as per CPCB
1	Basti Sheikh, Jalandhar	Contaminated site
2	Humbran Road,MSW Dump site, Ludhiana	Contaminated site
3	Budha Nallah, Ludhiana	Contaminated site
4	Mahaluxmi Organo Chemical Industries, Nabha Road, Bhawanigarh, Sangrur	Contaminated site
5	Tajpur Road MSW Dumpsite, Ludhiana	Contaminated site
6	PSIEC Leather Complex, Jalandhar	Contaminated site
7	Kala Sanghia Drain, Jalandhar	Probable Contaminated site
8	Nasrali Village, Mandi Gobindgarh	Probable Contaminated site
9	Ajnali Village, Mandi Gobindgarh	Probable Contaminated site

Preliminary investigation

The purpose of the preliminary investigation is to establish whether or not a site should be regarded as a contaminated site as defined below:

A contaminated site is a delineated area consisting of aggregation of contamination sources, the areas between contamination sources, and areas that may contain contaminants due to migration from contamination sources.

If on the basis of preliminary site assessment or preliminary site investigation or detailed site investigation, the constituents and characteristics of contaminants discharged or otherwise come to be located at the site, exist at or above Response levels and in conditions including possible combination of contaminants and interaction between contaminants and/or environmental constituents which pose existing or imminent threat to health, safety, welfare, comfort or life of human beings, other living species, water quality or the environment in general or to property with regard to present or future land use and site activity, in such case the site may be determined as contaminated site.

Preliminary investigation is the process of assessment and (possible) remediation of a site that could be a contaminated site.

Objective

- i) To identify the potential for past or current uses & activities at the site and in the immediate vicinity of the unit to have caused contamination of land and groundwater at the site.
- ii) To study preliminary investigation of the site, potentially caused by the identified contamination.

Scope of work

Following activities are to be performed:

- i) A site inspection is to be carried out to prepare a plan for sampling and testing.
- ii) At the locations where main sources of contamination and relevant pathways to possible affected receptors are expected limited sampling and testing is to be carried out.
- iii) The results are compared with the Screening and Response levels and a conclusion is drawn as to whether or not the site should be regarded as a contaminated site.
- iv) Reporting of the preliminary investigation and review of the report.

Output

The output of activity is the conclusion whether or not the site should be regarded as a contaminated site. If so, the next steps of the process of assessment and remediation shall follow in succession. After that the remediation investigation can proceed.

If the site is not regarded as contaminated site, it is not necessary to continue the process of assessment and remediation of the site.

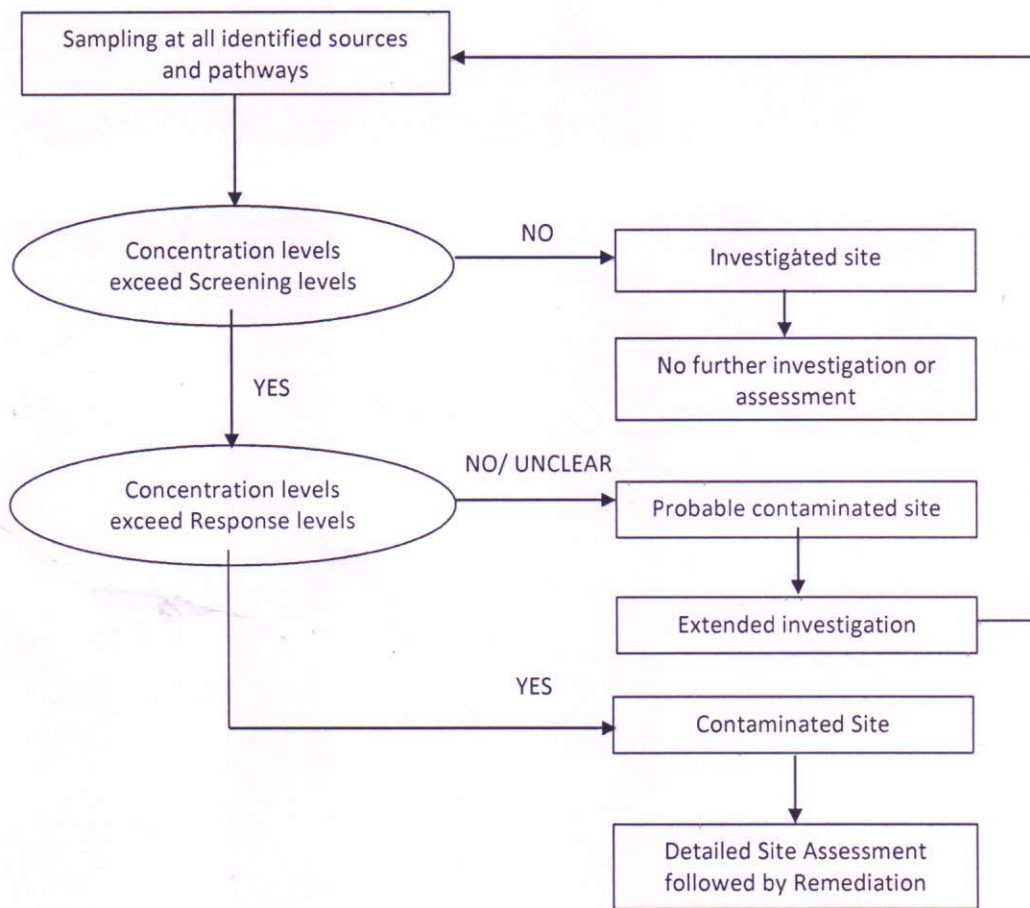


Figure: Preliminary site investigation result flowchart

Timelines: 2-3 months

Responsible Parties

This activity is typically carried out by technical specialists of the specialized agency/consultant appointed to carry out the preliminary investigation. The activity shall be supervised by concerned SPCB is necessary to collect important information during site inspection and sampling.

The team involved should demonstrate in-depth knowledge and experience in the assessment of contaminated sites, including interpretation of topographic and geological maps and reports. The field work team should have relevant expertise, experience and skills for the site inspection and sampling. The laboratory work has to be carried out by an accredited lab for the concern parameters.
