

Checklist

Clandestine drug laboratory checklist for Environmental Health Officers (EHOs)

	Introduction	Yes	No	Comments
1	Property owner understands the property has been contaminated due to the activities of a clandestine drug laboratory, and will be unsuitable for its purpose until successful remediation	<input type="checkbox"/>	<input type="checkbox"/>	
2	Public health Fact sheet " A clandestine drug laboratory was detected on my property – what happens now? " has been explained and given to property owner.	<input type="checkbox"/>	<input type="checkbox"/>	
3	Property owner understands who is a suitably qualified expert, their role and involvement in the remediation process of the property.	<input type="checkbox"/>	<input type="checkbox"/>	

	Surface contamination inside a building <i>If surface contamination has been suspected or identified inside the building, the below points should guide and inform sampling. (more details can be seen in the National Guidelines 5.2.4)</i>	Yes	No	Comments
1	Samples have been collected through wipe or swab within 100cm ² areas of non-porous surfaces such as mirrors, bench tops, painted walls, and metal surfaces etc.	<input type="checkbox"/>	<input type="checkbox"/>	
2	A minimum of five samples have been taken inside the building	<input type="checkbox"/>	<input type="checkbox"/>	
3	Blanks have been taken at regular intervals. The number of blanks should equate to approximately 10 per cent of the total sample number	<input type="checkbox"/>	<input type="checkbox"/>	
4	Ensure areas that show evidence of contamination should be sampled	<input type="checkbox"/>	<input type="checkbox"/>	
5	Ensure surfaces used in the drug manufacturing process should be sampled. If those surfaces have been removed, an area as close as practicable to that area should be sampled	<input type="checkbox"/>	<input type="checkbox"/>	
6	Confirm that ventilation ducts (if present) closest to the area of drug manufacture have been sampled. In most circumstances a swab sample should be sufficient.	<input type="checkbox"/>	<input type="checkbox"/>	
7	Ensure rooms or areas inhabited by a child/ children less than 16 years of age are sampled at least once.	<input type="checkbox"/>	<input type="checkbox"/>	
8	No sample has been taken from areas behind furniture or appliances,	<input type="checkbox"/>	<input type="checkbox"/>	
9	No sample has been taken from surfaces that appear to have been recently cleaned	<input type="checkbox"/>	<input type="checkbox"/>	



Checking for Volatile Organic Compounds		Yes	No	Comments
<i>If volatile organic compounds have been suspected or identified inside the building, the below points should guide and inform sampling, (more details can be seen in the National Guidelines 5.2.5)</i>				
1	Ensure each room where a chemical process was thought to have taken place have been sampled	<input type="checkbox"/>	<input type="checkbox"/>	
2	Rooms where chemicals or equipment was thought to have been stored have been sampled.	<input type="checkbox"/>	<input type="checkbox"/>	
3	Each room where there is evidence of spillage or staining have been sampled	<input type="checkbox"/>	<input type="checkbox"/>	

Wastewater contamination		Yes	No	Comments
1	Is there any evidence that the wastewater from the clandestine laboratory activity flows into a septic tank?	<input type="checkbox"/>	<input type="checkbox"/>	
2	Ensure all chambers of the septic tank are pumped out and the contents are taken to a wastewater processing facility.	<input type="checkbox"/>	<input type="checkbox"/>	
3	Ensure a minimum of one soil sample from the septic bed has been analysed.	<input type="checkbox"/>	<input type="checkbox"/>	

Sampling soils, surface water and groundwater		Yes	No	Comments
<i>If sampling soils, groundwater, and surface waters, the below points should guide and inform sampling, (more details can be seen in the National Guidelines 5.2.7)</i>				
1	Ensure any soil that shows evidence of contamination is sampled	<input type="checkbox"/>	<input type="checkbox"/>	
2	Ensure At least one sample is taken from the septic bed (tank) if present on the property	<input type="checkbox"/>	<input type="checkbox"/>	
3	If there is no evidence of contamination, at least two soil samples should be taken from the property, close to well-travelled paths.	<input type="checkbox"/>	<input type="checkbox"/>	

Checklist

Remediation Action Plans (RAPs) are developed to address the issue of site contamination and remediation options and form a part of the contaminated site investigation process as required. This should document in detail all of the procedures and plans that will be implemented to reduce risks to acceptable levels as well as establish environmental safeguards to complete the remediation in an environmentally acceptable manner.

Remediation Action Plans (RAPs)		Yes	No	Comments
<i>The preparation of a RAP for clandestine laboratory sites requires the following components be addressed, (more details can be seen in the National Guidelines 5.4)</i>				
1	Site information	<input type="checkbox"/>	<input type="checkbox"/>	
2	Site characterisation	<input type="checkbox"/>	<input type="checkbox"/>	
3	Remediation goal	<input type="checkbox"/>	<input type="checkbox"/>	
4	Extent of remediation required	<input type="checkbox"/>	<input type="checkbox"/>	
5	Remediation options/ hierarchy of remediation for structures	<input type="checkbox"/>	<input type="checkbox"/>	
6	Remediation options- environmental	<input type="checkbox"/>	<input type="checkbox"/>	
7	Building decontamination management plan	<input type="checkbox"/>	<input type="checkbox"/>	
8	Environmental Management Plan	<input type="checkbox"/>	<input type="checkbox"/>	
9	Proposed testing for validation	<input type="checkbox"/>	<input type="checkbox"/>	
10	Contingency plan for remediation failure	<input type="checkbox"/>	<input type="checkbox"/>	
11	Site Management Plans	<input type="checkbox"/>	<input type="checkbox"/>	

Site validation		Yes	No	Comments
<i>Following remediation, a site must be 'validated' to ensure that the objectives stated in the RAP have been achieved. The details of the site validation are compiled and presented in a Validation Report, this should include</i>				
1	A general inspection of the site to check for re-staining or odours	<input type="checkbox"/>	<input type="checkbox"/>	
2	Re-sampling of surfaces from which initial samples were taken	<input type="checkbox"/>	<input type="checkbox"/>	
3	Sampling of areas which are expected to have frequent contact e.g. Kitchens and bathrooms	<input type="checkbox"/>	<input type="checkbox"/>	
4	A combination of swab sampling and sampling for VOCs where required	<input type="checkbox"/>	<input type="checkbox"/>	
5	Post remediation sampling results which are within the scope of Investigation Levels (ILs) set out in Appendix 1 of the National Clandestine Drug Laboratory Remediation Guidelines	<input type="checkbox"/>	<input type="checkbox"/>	
6	If No has been ticked in the above point 5, activate the contingency plan for remediation failure detailed in the Remediation Action Plans	<input type="checkbox"/>	<input type="checkbox"/>	





For more information

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