
Contaminated Land Policy

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Whilst every effort has been made to ensure the accuracy of the information in this publication, City of Coffs Harbour disclaims any liability to any person in respect of anything done or not done as a result of the contents of this Policy.

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COFFS HARBOUR

CITY COUNCIL

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1 Introduction

1.1 Purpose

Land contamination stemming from the improper use and storage of hazardous substances can leave a broad range of complex and lasting impacts on the land. Contamination and its effects can often remain unnoticed within the environment for long periods of time, and can have serious implications on a sites ability to sustain healthy ecosystems and communities. In dealing with this issue it is important that Planning Authorities and land managers consider contamination and its potential impacts on the ways that land can be used.

In New South Wales, the Environmental Protection Authority (EPA) and local government perform various key roles in dealing with contaminated lands matters. The role of the EPA is to regulate and enforce management action on sites where contamination is considered significant. Local government manage contamination whilst performing duties as a planning authority, public land manager and as regulatory authority.

This Policy provides a framework through which the City will manage land contamination within the Coffs Harbour Local Government Area. The City of Coffs Harbour's Contaminated Land Policy defines the principles the City is committed to upholding when performing functions. This Policy observes a cautionary approach and promotes processes that ensure land contamination is identified and dealt with at the earliest possible opportunity whilst carrying out planning, regulatory and land management activities.

Under 145B of the NSW *Environmental Planning and Assessment Act 1979 (EP&A Act)*, the City is provided with exemptions of liability for planning decisions made in 'good faith'. To qualify for this good faith status the Act requires the City act substantially in accordance with the Managing Land Contamination - Planning Guidelines. This Policy has been developed in accordance with these Guidelines and their requirements.

1.2 Policy Scope

This Policy applies to all land within the Coffs Harbour Local Government Area. The content of this Policy is relevant to:

1. Local government staff
2. Contaminated land management practitioners
3. Property developers
4. Land managers
5. The general public

This Policy does not provide procedural guidance on how to satisfy policy statements. Additional information on suitable approaches, procedures and considerations for implementing policy statements can be found in:

- a) Contaminated Land Management Procedure
- b) Other relevant legislation, guidelines and codes of practices including but not limited to those listed under Section 10 Appendix B - Contaminated Land Planning and Legislative Framework

1.3 Interpretation

Terms used in this Policy have the same definition as defined in the relevant legislation.

Abbreviations provided in Section 9

Appendix A - Abbreviations.

Definitions provided in Section 4 Definitions.

1.4 Statutory Framework

Key documents that make up the contaminated land planning and legislative framework are:

1. *Environmental Planning and Assessment Act 1979*
2. *Contaminated Land Management Act 1997*
3. *Protection of Environmental Operations Act 1997 (POEO Act)*
4. *State Environmental Planning Policy No. 55- Remediation of Land*
5. *Managing Land Contamination- Planning Guidelines State Environmental Planning Policy No. 55 – Remediation of Lands*

A more detailed review of the framework and its effects can be found in Section 10 Appendix B - Contaminated Land Planning and Legislative Framework.

1.5 Policy Objectives

The objectives of this policy include:

1. To ensure that contamination is being appropriately considered and dealt with at the earliest possible stage whilst carrying out the City's regulatory, land management, or planning activities
2. To provide a contaminated land policy framework that follows the practices and standards of relevant legislation(s), guidelines and codes
3. To facilitate an approach to assessing and dealing with contaminated land issues that is regionally consistent and cooperative
4. To ensure the City maintains suitable contaminated land information management systems and provides the community and stakeholders with reliable information on contamination where applicable
5. To ensure contamination is appropriately considered prior to approving changes to land uses
6. To avoid placing inappropriate restrictions on land uses due to land contamination

2 Policy Statement

2.1 Local Government Commitment to Dealing with Land Contamination

The City will consider and respond to the presence of land contamination in all instances where it is the appropriate:

1. Planning Authority
2. Regulatory Authority
3. Public lands/assets manager

When performing these roles, the City will adhere to the requirements of this Policy and Contaminated Land Management Procedure in addition to the requirements of applicable legislation, guidelines and standards (see Section 10 Appendix B - Contaminated Land Planning and Legislative Framework)

2.2 Executing the City's Planning Decision Making Processes

Whilst performing roles as a planning authority the City will ensure that land contamination is being appropriately considered, identified, assessed and managed in accordance with the requirements of this Policy and the Contaminated Land Management Procedure. In instances

where the Policy and Contaminated Land Management Procedure do not apply, a review of applicable legislation, guidelines and standards should be undertaken by the City.

In its function as a Planning Authority the City will:

1. Consider the likelihood of land contamination as early as possible in the planning and development control process
2. Link decisions about the development of land with the information available about contamination possibilities
3. Adopt a policy approach that will provide strategic and statutory planning options based on the information about contamination
4. Exercise statutory planning functions with a reasonable standard of care

If contamination status of land is unknown, no change in use should occur which may increase the risk of harm until the land has been investigated. If contamination causes an unacceptable risk of harm, the use of the land should be restricted to reduce the risk to accepted levels.

2.3 Initial Evaluation by Planning Authority

An initial evaluation of contamination is performed by the City to assess whether contamination may be an issue at a site and if sufficient information is available to carry out a planning function in good faith. The City will perform an initial evaluation of contamination, in the first possible instance, when assessing the suitability of planning proposals and development applications. This internal evaluation should be performed in accordance with the objectives and processes outlined in the Managing Land Contamination Planning Guidelines and the City's Contaminated Land Procedure.

Further information on the initial evaluation process is provided in the Contaminated Land Procedure.

2.4 Review of Environmental Factors (REF)

Where undertaking or reviewing environmental assessments performed under Part 5 of the *EP&A Act*, the City will ensure that contamination is being appropriately assessed and managed. If contamination has the potential to be a factor at a site that is the subject of an REF then further investigations and management processes should be carried out in accordance with this Policy and Contaminated Land Procedure.

2.4.1 Lands Used for the Cultivation of Bananas

As one of Australia's key banana producing regions many areas within the City's local government area have over the past 100 year been used for the cultivation of bananas. The City has designated all land mapped as past/present banana growing land, as being potentially contaminated requiring assessment prior to giving consent for a change in land zoning or use. The designation is based on previous studies completed in association between the City, NSW EPA and Department of Agriculture. These studies identified banana growing as a land use which has resulted in elevated concentrations of pesticide related agricultural chemical residues.

The primary contaminants identified were Arsenic (As), Lead (Pb) and Organochlorine pesticides (including Dieldrin, Aldrin & DDT). These metals and compounds are considered to be persistent within the environment and can pose a threat to human health and the environment at certain concentrations.

To ensure that development on former banana lands will not increase the risk of harm to human health or other aspects of the environment, a preliminary investigation is required to be submitted with all applications for planning or development consents that apply to lands where bananas are or have been cultivated.

Where a site investigation report for banana growing land has been submitted which demonstrates that the land is not contaminated; or a successful validation report for remediation work carried out on such land, then no further investigations will be required for these areas being considered in the application. Areas outside of previously tested areas will require further investigation.

2.5 Preliminary Investigation

Stage 1 – Preliminary Investigations are undertaken to identify any past or present potentially contaminating activities performed at a site, provide a preliminary assessment of any site contamination and, if required, provide a basis for a more Detailed Investigation. This stage of a site assessment must be undertaken by a ‘suitably qualified and experienced contaminated land practitioner’ (see Sections 2.12 and 2.13).

Prior to exercising a planning function the City may request a Preliminary Investigation Report be provided by the proponent in instances where:

1. Past land uses have the potential to have caused site contamination (refer to Section 11 Appendix C - Potentially Contaminating Land Uses)
2. Site records do not outline a clear or complete site history
3. Gaps exist in knowledge of past land uses
4. Site history information provided by the applicant is not reliable or verifiable
5. Land surrounding the site has the potential to be contaminated
6. The site is within 50m of underground storage tank(s) or below ground infrastructure used for storing hazardous substances i.e. petroleum products or chemicals

Further information on the Preliminary Investigation stage is provided in the Contaminated Land Procedure.

2.5.1 Investigating Lands Used for the Cultivation of Bananas

A preliminary site investigation (referred to as an Initial Site Investigation in s.2 NSW EPA Guidelines for Assessing Banana Plantation Sites, 1997) is required to be submitted with subdivision and other development applications where past/present banana growing land is identified on all/part of the land, in accordance with the Contaminated Land Procedure.

2.6 Detailed Investigation

Stage 2 - Detailed Investigations are undertaken to identify the nature, extent and degree of contamination at a site that is known or suspected of being contaminated. This is a highly technical phase of the site assessment process and must only be performed by a ‘suitably qualified and experienced contaminated land practitioner’ (see Sections 2.12 and 2.13).

Prior to exercising a planning function a Detailed Investigation Report may be requested to be provided by the proponent in instances where:

1. Indications of contamination have been acknowledged in a Preliminary Investigation
2. Contamination has been previously identified on the site during a site assessment
3. Pathways exist between the site and a known source of contamination (i.e. surface or groundwater)
4. Contamination is considered to occur at the site and a Preliminary Investigation is deemed not necessary
5. Changes to land uses may increase exposure of the community or the environment to hazardous contaminants (e.g. a proposed land-use change from industrial land use to residential land use)

6. To accompany a remediation proposal that requires Development Consent

Further information on the Detailed Investigation stage is outlined in the Contaminated Land Procedure.

2.7 Remedial Action Plan (RAP)

In instances where remedial actions are required to make a site suitable for its current or intended uses, a RAP may be required. A RAP outlines the objectives and methods that a contaminated land practitioner intends to employ when remediating a site to a suitable standard. This plan can only be developed by a 'suitably qualified and experienced contaminated land practitioner' (see Sections 2.12 and 2.13).

A RAP must be provided by the proponent in instances where:

1. Contamination has been identified during a site assessment and remedial actions are required to make the site suitable for any proposed or approved land uses
2. The remediation works are considered Category 1 Remediation works (see Section 2.11)
3. The remediation works are being undertaken in preparation for a future Development Application or Planning Proposal

Further information on Remedial Action Plans is provided in the Contaminated Land Procedure.

2.8 Site Validation

Where remedial actions have been carried out under the guidance of a RAP a validation assessment must be undertaken to confirm whether the objectives of the RAP have been achieved. If the remedial targets have not been achieved the Validation Report must explain why and outline any additional works required to satisfy the requirements of the RAP. This assessment must only be undertaken by a 'suitably qualified and experienced contaminated land practitioner' (see Sections 2.12 and 2.13).

Further information on Validation Reports is outlined in the Contaminated Land Procedure.

2.9 Ongoing Site Monitoring

Ongoing Site Monitoring Plans are created in circumstances where contamination may not be suitable for remediation or is to be controlled on site.

An Ongoing Site Monitoring Plan shall be provided for in instances where:

1. A full clean-up of a site is not feasible
2. Contamination is to be contained on the site

This plan must only be developed by a 'suitably qualified and experienced contaminated land practitioner.'

Further information on Ongoing Site Monitoring Plan is outlined in the Contaminated Land Procedure.

2.10 Site Audit

A Site Audit is an independent review of any or all stages of the site investigation processes conducted in accordance with the CLM Act and associated EPA Guidelines. Site Audits are only to be performed by auditors accredited under the EPA administered Site Auditors Scheme. A Site Audit statement may be requested in instances where:

1. It is believed that the information provided by the proponent is incorrect or incomplete
2. Verification is required to confirm that information provided by the proponent adheres to appropriate standards, procedures and guidelines

3. The City does not have the internal resources or expertise needed to conduct its own technical review
4. Land use is proposed to change to a more sensitive land use (for example, rezoning commercial to residential)

In circumstances where an audit may not be necessary, the City may request that a formal review be conducted on a contaminated land practitioner's reports, works and/or advice by another suitably qualified practitioner. See the Contaminated Land Procedure for further information on Site Audits.

2.11 Remediation of lands

SEPP 55 sets contaminated land remediation works into two key categories to help ensure that works are performed in an appropriate and responsible manner. In instances where a proposed remedial activity is classed as Category 1 works, consent must be sought from the consent authority. Remedial activities that are classed as Category 2 do not require consent from a consent authority, however certain information must be provided on the nature and scope prior to the work being undertaken (see Clause 16-18 of SEPP 55 for further information).

Note: If remediation has reduced all risks to human health and the environment to acceptable levels, no restriction on land use will be placed on the site.

Category 1 – Remediation Works

Category 1 remediation works are works that require planning consent due to their scope, type or potential impacts that they pose to the community and/or environment. SEPP 55 outlines Category 1 works as works that:

1. Form part of designated development
2. Are to be conducted on land declared to be a critical habitat
3. Are likely to have a significant effect on a critical habitat or a threatened species, population or ecological community
4. Are associated with development for which another SEPP or a regional environmental plan requires development consent
5. Are to be carried out in an area classified under Clause 9(e) of SEPP 55

In accordance with the provision of Clause 9(f) of SEPP 55, all Category 1 works are required to be performed in accordance with applicable City policy where:

- a) Restrictions are placed on the hours of operation for work
- b) Restrictions are placed on the vehicle routes that can be used when performing work
- c) Restrictions are placed on parking
- d) Restrictions are placed on the disposal of contaminated spoil removed from remediated land

Category 2 – Remediation Works

Category 2 remediation works are all remediation works that are not classified as Category 1 under Clause 9 of SEPP 55 or works identified in this Contaminated Land Policy.

Person undertaking Category 2 remediation works must act in accordance with SEPP 55 which requires the proponent to:

- i. Notify the City of the commencement of works 30 days prior to their commencement
- ii. In accordance with Clause 16(3) of SEPP 55 provide detail on the site and works to be undertaken
- iii. Notify the City of the completion of works within 30 days of their conclusion

2.12 Contaminated Land Practitioner Standards

Prior to considering information provided by a contaminated land practitioner, the practitioner must be able to suitably demonstrate they have the necessary competencies and experience in the field that they intend to offer services in.

The City will only accept services, reports or advice from contaminated land practitioners accredited under the EPA's certified contaminated land consultants scheme.

See the Contaminated Land Management Procedure for further information on Contaminated Land Practitioners.

2.13 Contaminated Land Records

Contaminated land issues can be dynamic, changing over time as site assessments and remedial actions are performed, and new sites are identified. Due to this nature of contamination there is not a definitive 'register' of contaminated sites.

Keeping an accurate, reliable and up-to-date record of information on land contamination can be a valuable resource when performing various planning, regulatory and land management functions.

Wherever possible records shall be maintained for accurate and reliable information on sites that:

1. Have been assessed or regulated by the EPA under the provision of the CLM Act
2. Have undergone previous contaminated land assessments or management actions and reports have been provided to Council
3. Have undergone a site audit by an accredited site auditor
4. Are known to be contaminated
5. Have had a development applications accepted for Category 1 remediation works
6. Have provided notifications of Category 2 remediation works

Information pertaining to contaminated land matters is recorded and managed in line with the Contaminated Land Procedure and other applicable standards.

2.13.1 Section 10.7 Planning Certificates

A planning certificate issued under Section 10.7 of the EP&A Act, is specific to a certain property and provides information about how the site may be used and if land use restrictions apply. Information on land contamination must be included in planning certificates in line with the requirements of Section 59(2) of the CLM Act and the Contaminated Land Management Procedure. If land use restrictions are placed on the land due to contamination this will be reflected within the planning certificate.

Planning Certificates

Section 10.7 (2) Planning Certificates issued provide information relevant to the property on the date the certificate is issued:

1. Identified as significantly contaminated
2. Subject to a management order
3. The subject of an approved voluntary management proposal
4. Subject to an ongoing maintenance order
5. Site has been subject to a site audit where a Site Audit Statement has been provided
6. Whether or not the land is affected by an adopted policy or any other public authority that restricts the development of land because of the likelihood of any risk of contamination

Section 10.7 (5) Planning Certificates

In instances where records indicate that a site is or has the potential to be impacted by contamination, a special note will be added to the Section 10.7(5) planning certificate declaring that certain restrictions may apply to a site due to contamination. In instances where this declaration is present on the planning certificate a proponent should contact the City to seek further information on the nature and consequences of potential contamination issues at the site.

Specific information on contaminated land matters in the Section 10.7 (5) planning certificate may be included where:

- a) The site is known to have been used for a land use listed in Section 11 Appendix C - Potentially Contaminating Land Uses
- b) A Statement of Environmental Effect has identified that contamination may be a factor at the site
- c) A contaminated land assessment report has been provided
- d) A validation of remediation has been undertaken and provided
- e) Remedial actions have been approved for the remediation of the site
- f) The City have been notified of remediation that is to be undertaken at the site
- g) Historic or invalidated remediation is known to have been undertaken at the site
- h) Underground Petroleum Storage System are known to be present on the site
- i) Advice that is associated with information provided under a 10.7(2) certificate

Further information including standard 10.7(5) entries and explanations are provided in the Contaminated Land Procedure.

2.14 Preventing Contamination

Measures to prevent possible pollution at its source may help to reduce future land contamination issues. To prevent the occurrence of pollution and associated land contamination by:

1. Applying appropriate controls on development and rezoning to reduce polluting activities and impacts
2. Proactively investigate and regulate land use activities that may cause contamination
3. Manage public land and assets in line with the requirements of this policy and relevant regulation
4. Promote the adoption of environmental practices that reduce the potential for contamination

3 Compliance with the Policy

This Policy provides a best practice approach for dealing with contaminated land matters in the Coffs Harbour Local Government Area. The processes and standards provided in this document adhere to and exceed the requirements of the contaminated land legislative frameworks and associated planning guidelines.

Planning decisions made in compliance with this Policy should be considered to be performed in good faith and are afforded exemption from liability under Part 7A of the EP&A Act.

City staff should seek legal guidance wherever they are uncertain about the application of this Policy.

4 Definitions

Category 1 remediation work: has the same meaning as in SEPP55, and is remediation work that needs development consent

Category 2 remediation work: has the same meaning as in SEPP55, and is remediation work that does not need development consent

CLM Act: means the Contaminated Land Management Act 1997 (NSW) as amended from time to time

Contamination of land: depending on the context:

has the same meaning as in section 5(1) of the CLM Act, being the presence in, on or under the land of a substance at a concentration above that normally present in, on or under the land in the same locality, being a presence that presents a risk of harm to human health or any other aspect of the environment, and “Contaminate” and “Contaminated” are to be construed accordingly. The words “land”, “harm” and “environment” are defined as in the CLM Act

OR

has the same meaning as in section 145A of the EP&A Act, being land in, on or under which any substance is present at a concentration above the concentration at which the substance is normally present in, on or under (respectively) land in the same locality, being a presence that presents a risk of harm to human health or any other aspect of the environment. The words “land” and “environment” are defined as in the EP&A Act

Detailed investigation: means an investigation to define the extent and degree of contamination, to assess potential risk posed by contaminants to health and the environment, and to obtain sufficient information for the development of a remedial action plan if required

EP&A Act: means the Environmental Planning and Assessment Act 1997 (NSW) as amended from time to time

Independent review: means an evaluation by an independent expert required by a planning authority of any information submitted by a proponent, conducted at the proponent’s expense

Initial evaluation: means an assessment of readily available factual information to determine whether contamination may be an issue relevant to the decision being made

Preliminary investigation order: means a preliminary investigation order issued by the EPA under s 10 of the CLM Act to investigate whether specified land is contaminated, and the nature and extent of any such Contamination

Notice of completion: means a notice to the City (or Minister for Planning where the Minister is the consent authority) in accordance with SEPP 55 that remediation work has been completed

Notification of remediation: means prior notice of a category 2 remediation work given to the City in accordance with SEPP 55

Planning authority: means a public authority or other person responsible for exercising a planning function

Planning Certificate: means a planning certificate issued under s10.7 of the EP&A Act

Planning function: means a function exercised by the City as a planning authority under the EP&A Act, including the functions listed in s145B EP&A Act such as the preparation or making of an environmental planning instrument and the determination of a development application

Preliminary investigation: means an investigation to identify any past or present potentially contaminating activities and to provide a preliminary assessment of any site contamination

Remedial Action Plan: means a plan which sets remediation goals and documents the process to remediate a site

Management Order: means a management order issued by the EPA under section 14 of the CLM Act, requiring the carrying out of specified actions in relation to the management of contaminated land (including remediation)

Significantly Contaminated Land: means a site declared by the EPA under section 11 of the CLM Act to be significantly contaminated land

Remediation: has the same meaning as in the CLM Act and includes:

- a) preparing a long-term management plan (if any) for the land
- b) removing, dispersing, destroying, reducing, mitigating or containing the contamination of the land
- c) eliminating or reducing any hazard arising from the contamination of the land (including by preventing the entry of persons or animals on the land)

SEPP 55: means the State Environmental Planning Policy No 55 – Remediation of Land

Site audit: has the same meaning as in the CLM Act, being a review:

- a) that relates to management (whether under this Act or otherwise) of the actual or possible contamination of land
- b) that is conducted for the purpose of determining any one or more of the following matters:
 - i. the nature and extent of any contamination of the land
 - ii. the nature and extent of any management of actual or possible contamination of the land
 - iii. whether the land is suitable for any specified use or range of uses
 - iv. what management remains necessary before the land is suitable for any specified use or range of uses
 - v. the suitability and appropriateness of a plan of management, long-term management plan or a voluntary management proposal

Site auditor: has the same meaning as in the CLM Act, being a person accredited by the EPA under the CLM Act to conduct site audits

Site audit statement: means a site audit statement issued by a site auditor in accordance with Part 4 of the CLM Act

Site audit report: means a report prepared by a site auditor containing the key information and the basis of consideration which leads to the issue of a site audit statement

Site history: means a land use history of a site which identifies activities or land uses which may have contaminated the site, establishes the geographical location of particular processes within the site, and determines the approximate time periods over which these activities took place. See (Edwards et al 1994)

Site investigation process: means the process of investigating land which may be, or is, contaminated, for the purpose of providing information to a planning authority

Validation: means the process of determining whether the objectives for remediation and any conditions of development consent in relation to the remediation have been achieved.

5 Key Responsibilities

Position	Directorate	Responsibility
Mayor	Council	To lead councillors in their understanding of, and compliance with, this policy and guidelines
General Manager	Executive	To lead staff, (either directly or through delegated authority) in their understanding of, and compliance with, this policy and any related procedures To approve resources to develop, implement and review this policy
Directors	All Directorates	To communicate, implement and comply with this policy and any related procedures
People Leaders	All Directorates	To communicate, implement and comply with this policy and any related procedures To lead staff in their understanding of, and compliance with, this policy
All City Staff	City	To comply with this policy and any related procedures

6 References

- Contaminated Land Management Procedure
- Compliance and Enforcement Policy
- Environmental Planning & Assessment Act 1979
- Liquid Trade Waste Policy

7 Details of Approval and Revision

- **Approval date:** 9/02/2023
- **Responsible Group:** Sustainable Places Group
- **Responsible Section:** Compliance and Regulatory Enforcement
- **Superseded policies/procedures:** N/A
- **Next review date:** 28/08/2025

Amendment	Authoriser	Approval ref	Date
This policy was reviewed and the following amendments were made: <ul style="list-style-type: none"> • Updates to planning references to align with changes to the Environmental Planning & Assessment Act 1979 • Minor formatting, updating to City of Coffs Harbour and updating to reflect current legislation • Updated section 2.12 to reflect changes made to the EPA's contaminated land consultants accreditation scheme 	Council	2023/5	09/02/23

8 Appendix A - Abbreviations

ARA	Appropriate Regulatory Authority – used in regulation
ANZECC	Australian and New Zealand Environment and Conservation Council
CLM Act	Contaminated Land Management Act 1997
DA	Development Application
DCP	Development Control Plan
DP&E	Department of Planning & Environment
EPA	Environment Protection Authority
EP&A Act	Environmental Planning and Assessment Act 1979
LEP	Local Environmental Plan
LGA	Local Government Area
NSW	New South Wales
POEO	Protection of the Environment Operations Act 1997
RAP	Remedial Action Plan
SEPP	State Environmental Planning Policy
UST	Underground Storage Tanks
UPSS	Underground Petroleum Storage Tanks

9 Appendix B - Contaminated Land Planning and Legislative Framework

The key legislation and planning instruments that make up the contaminated land planning and legislative framework are:

- *Environmental Planning and Assessment Act 1979*
- *Contaminated Land Management Act 1997*
- *Protection of Environmental Operations Act 1997*
- *Managing Land Contamination Planning Guidelines - SEPP 55 – Remediation of Lands*

Other relevant legislation and planning instruments that affect the way that local government deal with contaminated land matters include:

- *Local Government Act 1993*
- *NSW Work Health Safety Act 2011*
- *Pesticides Act 1999*
- *Dangerous Goods (Road and Rail Transport) Act 2008*
- *Environmentally Hazardous Chemicals Act 1985*
- *Environmental Planning and Assessment Regulation 2021*
- *Protection of Environmental Operations (General) Regulation 2022*
- *Protection of Environmental Operations (Waste) Regulation 2014*
- *Protection of Environmental Operations (Clean Air) Regulation 2021*
- *Protection of Environmental Operations (Underground Petroleum Storage Systems) Regulation 2019*
- *SEPP (Exempt and Complying Development Codes) 2008*

Guidelines made under CLM Act:

- Guidelines for the Vertical Mixing of Soil on Former Broad-acre Agricultural Land
- Guidelines for Assessing Banana Plantation Sites
- Guidelines for Consultants Reporting on Contaminated Sites
- Guidelines for Assessing Former Orchards and Market Gardens
- Guidelines for the NSW Site Auditor Scheme, 2nd edition
- Guidelines for the Assessment and Management of Groundwater Contamination
- Guidelines on the Duty to Report Contamination under the CLM Act

Relevant National Standards

- National Environmental Protection Measures
- Australian and New Zealand Guidelines for Fresh and Marine Water Quality

Overview of Contaminated Land Planning and Legislative Framework effects

Contaminated Land Management Act 1997

Provide powers to the EPA to:

- Regulate sites that are significantly contaminated (or assumed to be)
- Issue orders to a public authority to carry out certain regulatory functions
- Creates guidelines for the assessment and management of contaminated sites
- Administer the NSW Site Auditor Scheme
- Impose penalties and cost recovery actions
- Duty of land owners to notify EPA of contamination

- Offsets program that may allow those responsible for significant contamination to implement offsets to mitigate its impacts

Provides Site Auditors with:

- Legal framework for undertaking statutory site audits

Requires local planning authorities to:

- Provide advice in planning certificates made under section 10.7(2) of the EP&A Act that outline where a site has undergone EPA regulatory actions or site audits in accordance with the provisions of the CLM act.

Environmental Planning and Assessment Act 1979

Provides powers to Department of Planning and Environment to:

- Develop environmental planning instruments such as State Environmental Planning Policies

Provides planning authorities with legal framework for:

- Planning and development control process including
 - Developing Local Environmental Plans that are to be approved by the Minister
 - Developing and implementing Development Control Plans
- Exemptions from liability for planning authorities if they are acting substantially in accordance with contaminated land planning guidelines and guidelines developed under provisions of CLM Act
- Planning certificates for the recording and presenting of contaminated land information
- Issuing orders that cease activities that do not align with conditions of a development consent

Protection of Environment Operations Act 1997

Provides planning authorities with legal framework for:

- Issuing notices for the assessment and clean-up of contaminated lands and associated pollution issues
- Regulation of waste materials
- Prevent or prohibit certain land use activities that have the potential to exacerbate or contribute to land contamination issues

State Environmental Planning Policy 55 – Remediation of Lands

SEPP 55 sets out a state-wide planning approach to remediating lands. This SEPP:

- Requires remediation works to be carried out in accordance with the contaminated land planning guidelines and other guidelines created under the CLM Act
- Specifies when consent is required for remediation works and remediation processes
- Outlines contaminated land consideration relevant during planning processes
- Specifies notices to be provided when carrying out remediation works

Managing Land Contamination Planning Guidelines - SEPP 55 – Remediation of Lands

Provides local government with:

- Outline of best practice contaminated land assessment, remediation and site management practices
- Information on the Site Audit process and when they should be considered
- Planning and land management decision making approaches and considerations
- Approaches for recording and managing contaminated land information

- Recommendations to develop a formal policy for dealing with contaminated land issues
- List of land uses that have the potential to cause contamination

SEPP (Exempt and Complying Development Codes) 2008

This SEPP:

- Overrides provisions of SEPP 55 and applicable LEP
- Provides streamlined assessment processes for development that complies with specified development standards, including:
 - Development that is considered exempt from planning approvals
 - Development that complies with the code and can be conducted in accordance with a complying development certificate without the need to planning approvals

National Environmental Protection Measures (NEPM)

Implemented in NSW under the National Environmental City(NSW) Act 1995, the NEPM establishes national standard for:

- Acceptable thresholds for contaminants in soil, air and water.
- Processes and standards for assessing contaminated sites
- Processes and standards monitoring ambient air quality
- Standards for moving controlled waste materials

10 Appendix C - Potentially Contaminating Land Uses

List of land use activities that may cause contamination (as identified in Table 1 of the Planning Guidelines).

Some Activities that may Cause Contamination:

- acid/alkali plant and formulation
- agricultural/horticultural activities
- airports
- asbestos production and disposal
- chemicals manufacture and formulation
- defence works
- drum re-conditioning works
- dry cleaning establishments
- electrical manufacturing (transformers)
- electroplating and heat treatment premises
- engine works
- explosives industry
- gas works
- iron and steel works
- landfill sites
- metal treatment
- mining and extractive industries
- oil production and storage
- paint formulation and manufacture
- pesticide manufacture and formulation
- power stations
- railway yards
- scrap yards
- service stations
- sheep and cattle dips
- smelting and refining
- tanning and associated trades
- waste storage and treatment
- wood preservation

Note: It is not sufficient to rely solely on the contents of this Table to determine whether a site is likely to be contaminated or not. The Table is a guide only. A conclusive status can only be determined after a review of the site history and, if necessary, sampling and analysis.