

FORENSIC 706 Environmental Forensic Science

[View Online](#)

'About the National Environmental Standards for Air Quality | Ministry for the Environment', n.d.

<https://environment.govt.nz/acts-and-regulations/regulations/national-environmental-standards-for-air-quality/#what-they-cover>.

'Agenda 21 (Rio)', n.d.

<https://sustainabledevelopment.un.org/content/documents/Agenda21.pdf>.

Albaigés, Joan, Paul G.M. Kienhuis, and Gerhard Dahlmann. 'Oil Spill Identification'. Electronic resource. In Handbook of Oil Spill Science and Technology, edited by Mervin F. Fingas, 165–204. Hoboken: John Wiley & Sons, 2014.
<https://doi.org/10.1002/9781118989982.ch6>.

'An Everyday Guide: Getting in on the Act | Ministry for the Environment', n.d.

<https://environment.govt.nz/publications/understanding-the-rma-and-how-to-get-involved/>.

'Assigning a Product to a HSNO Approval', n.d.

<http://www.epa.govt.nz/publications/hsnogen-gs-assigning.pdf>.

Criminal justiceSentencingEnvironment and natural resourcesPollutionResource managementOffences and penaltiesDischargeContaminants. 'Auckland Council v Jenners Worldwide Freight Ltd', 2016.
[https://anzlaw.thomsonreuters.com/Document/I38b889617ead11e8b22785ae5ff38a3b/View/FullText.html?transitionType=Default&contextData=\(sc.Default\)&VR=3.0&p;RS=cblt1.0&groupid=aucklandacnz](https://anzlaw.thomsonreuters.com/Document/I38b889617ead11e8b22785ae5ff38a3b/View/FullText.html?transitionType=Default&contextData=(sc.Default)&VR=3.0&p;RS=cblt1.0&groupid=aucklandacnz).

Auckland Regional Council v Gubbs Motors Ltd, Criminal justiceSentencingInsuranceTypesProfessional indemnityResource managementOffences and penaltiesDischargeContaminants (2016).

'Auckland Regional Plan: Air, Land and Water 2001', n.d.

<https://www.aucklandcouncil.govt.nz/plans-projects-policies-reports-bylaws/our-plans-strategies/district-and-regional-plans/regional-plans/regional-plan-air-land-water/Pages/default.aspx>.

'Auckland Regional Plan: Air, Land and Water - Later Useful Sections', n.d.

<https://www.aucklandcouncil.govt.nz/plans-projects-policies-reports-bylaws/our-plans-strategies/district-and-regional-plans/regional-plans/Pages/default.aspx>.

'Auckland Regional Policy Statement', n.d.

<https://www.aucklandcouncil.govt.nz/plans-projects-policies-reports-bylaws/our-plans-strategies/district-and-regional-plans/regional-plans/regional-policy-statement/Pages/regional-policy-statement-text.aspx>.

'Auckland Regional Policy Statement Ch 17 - Contaminated Sites', n.d.

<http://www.aucklandcity.govt.nz/council/documents/regionalplans/aucklandcouncilregionalpolicystatement/ACRPS%20Chapter%2017.pdf>.

'Basic Investigative Skills for Local Government', n.d.

<https://www.waikatoregion.govt.nz/assets/PageFiles/35153-basic-investigative-skills/5921-BIS-manual-2018WR.pdf>.

Building Act 2004, 2004 No 72 § (n.d.).

<http://www.legislation.govt.nz/act/public/2004/0072/latest/whole.html>.

'Chemical Classification and Information Database (CCID)'. corporatename = Environment Risk Management Authority New Zealand, n.d.

<https://www.epa.govt.nz/database-search/chemical-classification-and-information-database-ccid/>.

'City of Auckland District Plan - 7.7.2 Permitted Activities', n.d.

<http://www.aucklandcity.govt.nz/council/documents/district/Part07b.pdf>.

'City of Auckland District Plan - Activities in Residential Areas', n.d.

<http://www.aucklandcity.govt.nz/council/documents/district/Part07a.pdf>.

'City of Auckland District Plan 7.8 Rules: Development Controls', n.d.

<http://www.aucklandcity.govt.nz/council/documents/district/Part07c.pdf>.

'City of Auckland District Plan Isthmus Section Part 13 - Interpretations and Definitions', n.d. <http://www.aucklandcity.govt.nz/council/documents/district/Part13a.pdf>.

D Grinlinton. 'Environmental Law for a Sustainable Society - Ch 2 p 33'. edited by Klaus Bosselmann, David P. Grinlinton, and Prue Taylor, Second edition. Vol. New Zealand Centre for Environmental Law monograph series. Auckland, New Zealand: New Zealand Centre for Environmental Law, 2013.

Daughton, Christian G. 'Illicit Drugs: Contaminants in the Environment and Utility in Forensic Epidemiology'. Electronic resource. In Reviews of Environmental Contamination and Toxicology: Volume 210, 59-110. New York: Springer, 2011.

https://doi.org/10.1007/978-1-4419-7615-4_3.

Einax, J., Heinz W. Zwanziger, and Sabine Geiss. Chemometrics in Environmental Analysis - Figure 4-1. Weinheim: VCH Verlagsgesellschaft, 1997.

'Emissions Trading Scheme: New Zealand Climate Change Information', n.d.

<https://www.mfe.govt.nz/ets>.

Energy Efficiency and Conservation Act 2000 (n.d.).

<http://www.legislation.govt.nz/act/public/2000/0014/latest/DLM54948.html>.

'Environment Court Practice Note 2014', n.d.

<https://www.nzbar.org.nz/news/new-environment-court-practice-note-2014-effective-1-december-2014>.

'Environment Guide - District Plans', n.d.

<http://www.environmentguide.org.nz/rma/planning-documents-and-processes/district-plans/>.

'Environmental Forensics - 2. Microbial Techniques for Environmental Forensics - Knovel', n.d.

https://app.knovel.com/web/view/pdf/show.v/rcid:kpEF000001/cid:kt007Q8RA8/viewerType:pdf/root_slug:environmental-forensics/url_slug:microbial-techniques?cid=kt007Q8RA8&b-toc-cid=kpEF000001&b-toc-root-slug=environmental-forensics&b-toc-url-slug=microbial-techniques&b-toc-title=Environmental%20Forensics.

'Environmental Impact Study - Tauranga Oil Spill', n.d.

<https://www.boprc.govt.nz/media/509093/mobil-oil-spill-tauranga-harbour-environmental-impact-assessment-to-september-2015.pdf>.

'Environmental Protection Authority Act 2011', n.d.

<http://www.legislation.govt.nz/act/public/2011/0014/latest/DLM3366819.html>.

Environmental Protection Authority Bill - first version Explanatory note (n.d.).

<http://www.legislation.govt.nz/bill/government/2010/0246/11.0/DLM3366801.html>.

'EPA Voluntary Guidelines for Methamphetamine Laboratory Cleanup', n.d.

https://www.epa.gov/sites/production/files/documents/meth_lab_guidelines.pdf.

Exide Pollution Action Group Inc v Wellington Regional Council - [2006] NZRMA 293, New Zealand Resource Management Appeals (2006).

Fifield, F. W., and P. J. Haines. 'Environmental Analytical Chemistry Section 15.4'. London: Blackie Academic & Professional, 1995.

'Form for Submission on a Resource Consent Application', n.d.

<http://www.aucklandcouncil.govt.nz/EN/ratesbuildingproperty/consents/Consent%20documents/submissionform.pdf>.

Forret, J. 'Scientific Evidence and Environmental Litigation in New Zealand'. New Zealand Journal of Environmental Law, no. 2 (1998): 39-62.

http://www.heinonline.org.ezproxy.auckland.ac.nz/HOL/Page?handle=hein.journals/nzjel2&start_page=39&id=49.

Great Britain. Ministry of Transport. 'Traffic in Towns: A Study of the Long Term Problems of Traffic in Urban Areas. Reports of the Steering Group and Working Group Appointed by the Minister of Transport'. London: H.M.S.O., 1963.

Harrison, Roy M. and Royal Society of Chemistry (Great Britain). 'Land Contamination and Reclamation Chapter'. Electronic resource. In Understanding Our Environment: An Introduction to Environmental Chemistry and Pollution, 3rd ed. Cambridge, UK: Royal Society of Chemistry, 1999.

http://ap01.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=10253276540002091&institutionId=2091&customerId=2090.

Hazardous Substances and New Organisms Act 1996, 1996 No 30 § (n.d.).
<http://www.legislation.govt.nz/act/public/1996/0030/latest/DLM381222.html>.

'Health and Environmental Guidelines for Selected Timber Treatment Chemicals - Chapter 3', n.d. <https://www.mfe.govt.nz/sites/default/files/timber-guide-jun97.pdf#page=79>.

Hewitt, C. N. Methods of Environmental Data Analysis. Electronic resource. Dordrecht: Springer Netherlands, 1992. https://doi.org/10.1007/978-94-011-2920-6_7.

Howard, Ebenezer, Frederic James Osborn, and Lewis Mumford. 'Garden Cities of Tomorrow'. London: Faber, 1946.

'IHS Standards Expert - ASTM D5739', n.d.
<http://specs4.ihserc.com.ezproxy.auckland.ac.nz/Document/Document/Details?docid=WSAACFAAAAAAAAAA>.

'Introduction to the HSNO Act', n.d.
<https://www.mfe.govt.nz/sites/default/files/intro-to-hsno-act-jul01.pdf>.

'Introduction to the RMA', n.d. <http://www.environmentguide.org.nz/rma/>.

Keith, Lawrence H. 'Environmental Sampling: A Summary'. Environmental Science & Technology 24, no. 5 (1990): 610-17. <https://doi.org/10.1021/es00075a003>.

Machinery Movers Ltd v Auckland Regional Council - [1994] 1 NZLR 492, 1 New Zealand Law Reports (1994).

Machinery Movers Ltd v Auckland Regional Council [1994] 1 NZLR 492, 1 New Zealand Law Reports (1994).

'Major Oil Spills around New Zealand - Maritime New Zealand', n.d.
<http://www.maritimenz.govt.nz/Environmental/Responding-to-spills-and-pollution/Past-spill-responses/Past-spill-responses.asp>.

'Making Decisions in the Face of Uncertainty', n.d.
http://www.pmcsa.org.nz/wp-content/uploads/PMCSA-Risk-Series-Paper-1_final_11May2016.pdf/.

Manawatu-Wanganui Regional Council v Ruapehu Alpine Lifts Ltd - [2015] DCR 55 (2015).

'Map of Regional, Territorial and Unitary Council Boundaries - North Island', n.d.
<http://www.lgnz.co.nz/assets/North-Island-PNG.PNG>.

'Map of Regional, Territorial and Unitary Councils in South Island', n.d.
<http://www.lgnz.co.nz/assets/South-Island-PNG.PNG>.

'Maritime NZ Response to an Oil Spill - Showing Response Stages', n.d.
<http://www.maritimenz.govt.nz/Publications-and-forms/Environmental-protection/Responding-to-an-oil-spill.pdf>.

Marr v Bay of Plenty Regional Council - [2011] NZRMA 89, New Zealand Resource

Management Appeals (2011).

'Microbial Source Tracking Guide Document', n.d.

<http://nepis.epa.gov/Exe/ZyNET.exe/2000D20V.TXT?ZyActionD=ZyDocument&Client=EPA&Index=2000+Thru+2005&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C00thru05%5CTxt%5C00000009%5C2000D20V.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=p%7Cf&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL#>.

'Ministry of Health Guidelines for Remediation of Clandestine Methamphetamine Laboratories', n.d.

[https://www.moh.govt.nz/notebook/nbbooks.nsf/0/97DCB4331641B346CC2577AB000515FC/\\$file/guidelines-remediation-clandestine-meth-lab-sites.pdf](https://www.moh.govt.nz/notebook/nbbooks.nsf/0/97DCB4331641B346CC2577AB000515FC/$file/guidelines-remediation-clandestine-meth-lab-sites.pdf).

Mora, S. K. de, and D.R. Phillips. 'Tributyltin (TBT) Pollution in Riverine Sediments Following a Spill from a Timber Treatment Facility in Henderson, New Zealand'. *Environmental Technology* 18, no. 12 (1997): 1187-93. <https://doi.org/10.1080/09593331808616639>.

'National Marine Oil Spill Contingency Plan Chapter 10 - Evidence Collection and Cost Recovery', n.d.

<http://www.maritimenz.govt.nz/Publications-and-forms/Environmental-protection/National-plan/National-Plan-Chapter-10.pdf>.

'National Policy Statement for Freshwater Management 2014 | Ministry for the Environment', n.d.

<http://www.mfe.govt.nz/publications/fresh-water/national-policy-statement-freshwater-management-2014>.

New Zealand Centre for Environmental Law. *Environmental Law for a Sustainable Society*. Edited by Klaus Bosselmann, David P. Grinlinton, and Prue Taylor. Second edition. Vol. New Zealand Centre for Environmental Law monograph series. Auckland, New Zealand: New Zealand Centre for Environmental Law, 2013.

New Zealand Institute of Chemistry. 'Chemistry in New Zealand', n.d.

<http://www.nzic.org.nz/CiNZ/CiNZ.html>.

'Oil Spill Identification | Bonn Agreement', n.d.

<http://www.bonnagreement.org/osinet/oil-spill-identification>.

'P Lab Testing - Forensic and Industrial ScienceForensic and Industrial Science Ltd', n.d.

<http://www.forensicscience.co.nz/p-lab-testing/>.

Pietras, J. 'Bisphenol A: A Critique of the Law's Failure to Protect the Public from Toxic Exposure'. *New Zealand Journal of Environmental Law*, no. 18 (2014): 41-68.

http://www.heinonline.org.ezproxy.auckland.ac.nz/HOL/Page?handle=hein.journals/nzjel18&start_page=41&id=47.

'Pressures on Our Water Environment | Ministry for the Environment', n.d.

<https://environment.govt.nz/publications/our-freshwater-2020/>.

'Proposed Auckland Unitary Plan - Regional Policy Statement Sections', n.d.

<https://unitaryplan.aucklandcouncil.govt.nz/pages/plan/book.aspx?exhibit=ProposedAucklandUnitaryPlan>.

R v Conway - [2005] NZRMA 274, New Zealand Resource Management Appeals (2005).

'Report from Organochlorines Programme on Ambient Concentrations of Organochlorines in Soils', n.d.

<https://www.mfe.govt.nz/sites/default/files/organochlorine-concentration-in-soil-dec98.pdf>.

'Resource Consent Submission Form', n.d.

<http://www.aucklandcouncil.govt.nz/en/ratesbuildingproperty/consents/getinvolved/pages/resourceconsentsubmissionform.aspx>.

Resource Management Act 1991, 1991 No 69 § (n.d.).

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM230265.html#DLM231904>.

'Resource Management Act 1991 Section 16 - Unreasonable Noise', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM231995.html>.

'Resource Management Form to Apply for Resource Consent', n.d.

<http://www.legislation.govt.nz/regulation/public/2003/0153/latest/DLM195878.html>.

'Resource Management (Forms, Fees, and Procedure) Regulations 2003', n.d.

<http://www.legislation.govt.nz/regulation/public/2003/0153/latest/DLM195860.html>.

'Resource Management (Marine Pollution) Regulations 1998', n.d.

<http://www.legislation.govt.nz/regulation/public/1998/0208/latest/DLM253727.html>.

'Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011', n.d.

<http://www.legislation.govt.nz/regulation/public/2011/0361/latest/DLM4052228.html>.

Resource Management (National Environmental Standards for Air Quality) Regulations 2004 (n.d.).

<http://www.legislation.govt.nz/regulation/public/2004/0309/latest/DLM286835.html>.

'Rio Declaration - Rio Declaration on Environment and Development - United Nations Environment Programme (UNEP)', n.d.

https://www.un.org/en/development/desa/population/migration/generalassembly/docs/globalcompact/A_CONF.151_26_Vol.I_Declaration.pdf.

'RMA - Section 32 Preliminary Evaluation Duty', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM232582.html>.

'RMA Section 2 - Definitions', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM230272.html>.

'RMA Section 3 - Meaning of "Effect"', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM231795.html>.

'RMA Section 17 - General Baseline Obligations', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM231999.html>.

'RMA Section 23 - Need to Comply with Other Laws and Regulations', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM232532.html>.

'RMA Section 32 - Preparing Evaluation Reports', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM232582.html>.

'RMA Section 45 - National Policy Statements', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM233343.html>.

'RMA Section 77A - Power to Make Rules to Control Activities', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM233699.html>.

'RMA Section 87 - Types of Resource Consents', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM233848.html>.

'RMA Section 104 - Considerations of Applications for Resource Consent', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM234355.html>.

'RMA Sections 43AA to 44 - National Environmental Standards', n.d.

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM2412743.html>.

RMA sections 74-77D (n.d.).

<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM233671.html>.

'RMA Sections 105-108 Relevant Matters, Refusals, and Conditions on Resource Consents', n.d. <http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM234380.html>.

RMA sections 166 and 167 Designations, network utility opener and requiring authority (n.d.). <http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM236206.html>.

Shirley Primary School v Telecom Mobile Communications Ltd - [1999] NZRMA 66, New Zealand Resource Management Appeals (1999).

Simmons, Greg ; Garbutt, Claire ; Hewitt, Joanne ; Greening, Gail. 'A New Zealand Outbreak of Norovirus Gastroenteritis Linked to the Consumption of Imported Raw Korean Oysters'. The New Zealand Medical Journal 120, no. 1264 (2007).

<http://search.proquest.com.ezproxy.auckland.ac.nz/docview/1034236739/7B1DE88A7937464BPQ/16?accountid=8424>.

Sinclair, D. (2003). Resource Management Act. 'Resource Management Act (1991) in Public Health Law, The'. New Zealand Journal of Environmental Law, no. 7 (2003): 275-312.

http://www.heinonline.org.ezproxy.auckland.ac.nz/HOL/Page?handle=hein.journals/nzjel7&start_page=275&id=281.

'Special Zones - Tamaki Campus in Auckland District Plan', n.d.

http://www.aucklandcouncil.govt.nz/EN/AboutCouncil/meetings_agendas/hearings/Docume

nts/AttachmentAconsequentialchanges.pdf.

'State of NZ Environment - Ch 4 Discusses New Zealand's Environmental Legislation', n.d.
<http://www.mfe.govt.nz/publications/environmental-reporting/state-new-zealand%E2%80%99s-environment-1997-chapter-four-environment-4>.

'Stockholm Convention on Persistent Organochlorine Pollutants - Overview and Text', n.d.
<http://chm.pops.int/TheConvention/Overview/tabid/3351/Default.aspx>.

Stout, Scott A., Allen D. Uhler, Thomas G. Naymik, and Kevin J. McCarthy. 'Environmental Forensics Unraveling Site Liability'. *Environmental Science & Technology* 32, no. 11 (1998): 260A-264A. <http://pubs.acs.org/doi/pdf/10.1021/es983570w>.

'The Quick Guide to Hazardous Facility Assessment', n.d.
<https://www.mfe.govt.nz/sites/default/files/assessment-guide-for-haz-facilities-02.pdf>.

'Tracing Killer Spores', n.d.
<http://pubs.acs.org/action/showStoryContent?doi=10.1021/on.2008.010.10.108576>.

Waste Minimisation Act 2008, 2008 No 89 § (n.d.).
<http://www.legislation.govt.nz/act/public/2008/0089/latest/DLM999802.html>.

Young-Cooper, Adrienne, New Zealand. Ministry for the Environment, and Hill Young Cooper. 'The Monitoring Guide: A Practitioner's Guide to Section 35 of the Resource Management Act 1991, with a Focus on Territorial Authority Monitoring Duties'. Wellington, N.Z.: The Ministry, 1996.