



TGM for the Implementation of the Hawai'i State Contingency Plan MASTER REFERENCE LIST

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- 20 CFR 1910.** Code of Federal Regulations, Department of Labor, Occupational Safety and Health Administration. Title 20, Part 1910, Occupational Safety and Health Standards. Website URL: https://www.osha.gov/pls/oshaweb/owastand.display_standard_group?p_toc_level=1&p_part_number=1910. August 25, 2016.
- 29 CFR 1926.** Code of Federal Regulations, Department of Labor, Occupational Safety and Health Administration. Title 29, Part 1926, Safety and Health Regulations for Construction. Website URL: https://www.osha.gov/pls/oshaweb/owastand.display_standard_group?p_toc_level=1&p_part_number=1926. August 25, 2016
- 40 CFR 761.** Code of Federal Regulations, Environmental Protection Agency. Title 40, Part 761, Protection of Environment. Website URL: https://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40cfr761_main_02.tpl. August 25, 2016
- AAFCO, 2015.** Association of American Feed Control Officials. Champaign, IL, GOODSamples: Guidance on Obtaining Defensible Samples. October 2015.
- Abreu et al., 2009.** Abreu, L.D.V, R. Ettinger, and T. McAlary, 29(1): 105-117. Simulated Soil Vapor Intrusion Attenuation Factors Including Biodegradation for Petroleum Hydrocarbons: Groundwater Monitoring and Remediation. 2009.
- ACOE, 2008.** U.S. Army Corps of Engineers. Public Notice. Waterway Name: Kuhio and Hilo Bays, Hilo Commercial Harbor, Hawaii Island. POH-2006-338. Appendix B: USEPA, 2008. Pre-Final Report of Findings, Dredge Material Evaluation for Ocean Disposal: Construction of Inter-Island Cargo Terminal Facility at Hilo Harbor, Hawaii. January 2008.
- ACOE, 2012.** U.S. Army Corps of Engineers. Ecological Risk Assessment and HHRA (Appendices to RI): Ordnance Reef (Site Hi-06) Wai'anae, O'ahu, Hawaii.
- ACOE, 2016.** Dredged Material Management Program. Dredged Material Management Office, ACOE, Seattle District. Dredged Material Evaluation and Disposal Procedures User Manual. Website URL: http://www.nws.usace.army.mil/Portals/27/docs/civilworks/dredging/UM%202016/Final_2016_DMMP_UM_02Sept2016.pdf?ver=2016-09-02-200245-850. August.
- Adams, M.S. and Stauber, J.L., 2008.** Australasian Journal of Ecotoxicology Special Issue on Tropical Ecotoxicology 14,155-167. Marine whole sediment toxicity tests in temperate and tropical Australian environments: Current status.
- ADEC, 2009.** Alaska Department of Environmental Conservation. Division of Spill Prevention and Response. Contaminated Sites Program. Guidance on Multi-Increment Soil Sampling. Website URL: http://dec.alaska.gov/SPAR/csp/guidance/multi_increment.pdf. March 2009.
- Air Toxics, 2012.** Air Toxics, Ltd. Guide to Air Sampling and Analysis, Canisters and Tedlar Bags. Website URL: <https://www.eurofinsus.com/environment-testing/laboratories/eurofins-air-toxics/>. 2012.
- Air Toxics, 2012b.** Air Toxics, Ltd. Sorbent and Solution Sampling Guide. Website URL: <https://www.eurofinsus.com/environment-testing/laboratories/eurofins-air-toxics/>. 2012.
- Allard et al., 2010.** Allard, P., A. Fairbrother, et al. Recommendations for the development and application of wildlife toxicity reference values. Integrated Environmental Assessment and Management 6(1): 28-37.
- Andrews and Sutherland, 2004.** Andrews, S. and R. A. Sutherland. Cu, Pb and Zn contamination in Nuuanu watershed, Oahu, Hawaii. Science of the Total Environment. 324(1-3): 173-182.
-

Angel et al., 2012. Angel, B.M., Jarolimek, C.V., King, J.J., Hales, L.T., Simpson, S.L., Jung, R.F. and Apte, S.C. Metal Concentrations in the Waters and Sediments of Port Curtis, Queensland. CSIRO Wealth from Oceans Flagship Technical Report. 84 pages.

APHA, 2005. American Public Health Association. Standard Methods for the Examination of Water and Wastewater. American Water Works Association, Water Environment Federation. 21st Edition.

API, 1994. American Petroleum Institute Transport and Fate of Non-BTEX Petroleum Chemicals in Soils and Groundwater. American Petroleum Institute, Health and Environmental Sciences Department, Publication Number 4593.

API, 2005. American Petroleum Institute. Collecting and Interpreting Soil Gas Samples from the Vadose Zone, A Practical Strategy for Assessing the Subsurface Vapor to Indoor Air Migration Pathway at Petroleum Hydrocarbon Sites. Publication Number 4741. Washington D.C.: Regulatory Analysis and Scientific Affairs. Website URL: <https://www.api.org/ehs/groundwater/lnapl/soilgas.cfm>. November 2005.

Aqua Merik, 2008. "AquaMerik – Aquaculture & Environment". Photograph Source. Website URL: <http://www.aquamerik.com/photo/environnement/fht35.gif>. December 2008.

Arnot, J. A. and F. Gobas, 2006. Environmental Reviews 14(4): 257-297. A review of bioconcentration factor (BCF) and bioaccumulation factor (BAF) assessments for organic chemicals in aquatic organisms.

ASHRAE, 2010. American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. Ventilation for Acceptable Indoor Air Quality, ANSI/ASHRAE Standard 62.1-2010.

ASTM, 1992. American Society for Testing and Materials. Standard Guide for Soil Gas Monitoring in the Vadose Zone: D5314-92e1. West Conshohocken, PA: ASTM International. Website URL: <http://www.astm.org/DATABASE.CART/HISTORICAL/D5314-92E1.htm>.

ASTM, 1998. American Society for Testing and Materials, West Conshohocken, PA. Standard Test Method for Particle-Size Analysis of Soils, , Designation: D 422 – 63. Website URL: <https://www.astm.org/Standards/D422.htm>.

ASTM, 2000. American Society for Testing and Materials. Standard Guide for Risk-Based Corrective Action, Designation: E2081-00. West West Conshohocken, PA: ASTM International. Website URL: <https://www.astm.org/DATABASE.CART/HISTORICAL/E2081-00.htm>.

ASTM, 2003. American Society for Testing and Materials. Standard Guide for Laboratory Subsampling of Media Related to Waste Management Activities: D6323-98(2003). West Conshohocken, PA: ASTM International. Website URL: <https://www.astm.org/Standards/D6323.htm>.

ASTM, 2004. American Society for Testing and Materials. Standard Practice for Design and Installation of Ground Water Monitoring Wells, Designation: D5092-04. West Conshohocken, PA: ASTM International. Website URL: <https://www.astm.org/Standards/D6724.htm>.

ASTM, 2004b. American Society for Testing and Materials. Standard Guide for Risk-Based Corrective Action, Designation E2081-00(2004)e1 Website URL: <https://www.astm.org/Standards/E2081.htm>.

ASTM, 2005. American Society for Testing and Materials. Guide for Development of Ground-Water Monitoring Wells in Granular Aquifers, Designation: ASTM D5521-05. West Conshohocken, PA: ASTM International. Website URL: <https://www.astm.org/Standards/D5521.htm>.

ASTM, 2005b. American Society for Testing and Materials. Standard Guide for Selection of Soil and Rock Sampling Devices Used With Drilling Rigs for Environmental Investigations; ASTM Standard D 6169-98(2005), ASTM International, West Conshohocken, PA. Website URL: <https://www.astm.org/Standards/D6169.htm>.

ASTM, 2006. American Society for Testing and Materials. Standard Guide for Use of Hollow-Stem Augers for Geoenvironmental Exploration and Installation of Subsurface Water-Quality Monitoring Devices; ASTM Standard D 5784-95(2006), ASTM International, West Conshohocken, PA. Website URL: <https://www.astm.org/Standards/D5784.htm>.

- ASTM, 2006b.** American Society for Testing and Materials. Standard Guide for Use of Direct Air Rotary Drilling for Geoenvironmental Exploration and Installation of Subsurface Water-Quality Monitoring Devices; ASTM Standard D 5782-95(2006), ASTM International, West Conshohocken, PA. Website URL: <https://www.astm.org/Standards/D5782.htm>.
- ASTM, 2006c.** American Society for Testing and Materials. Standard Guide for Selection of Drilling Methods for Environmental Site Characterization; ASTM Standard D 6286-98(2006), ASTM International, West Conshohocken, PA. Website URL: <https://www.astm.org/Standards/D6286.htm>.
- ASTM, 2006d.** American Society for Testing and Materials. Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System); ASTM Standard D 2487-06e1, ASTM International, West Conshohocken, PA. Website URL: <https://www.astm.org/Standards/D2487.htm>.
- ASTM, 2006e.** American Society for Testing and Materials. Standard Practice for Description and Identification of Soils (Visual-Manual Procedure); ASTM Standard D 2488-06, ASTM International, West Conshohocken, PA. Website URL: <https://www.astm.org/Standards/D2488.htm>.
- ASTM, 2006f.** American Society for Testing and Materials, West Conshohocken, PA: ASTM International. ASTM D5314 - 92e1(2006) Standard Guide for Soil Gas Monitoring in the Vadose Zone. 2006.
- ASTM, 2007b.** American Society for Testing and Materials. Standard Practice for Direct Push Technology for Volatile Contaminant Logging with the Membrane Interface Probe, ASTM D7352 - 07.
- ASTM, 2008.** American Society for Testing and Materials. Standard Practice for Rock Core Drilling and Sampling of Rock for Site Investigation; ASTM Standard D 2113-08, ASTM International, West Conshohocken, PA. Website URL: <https://www.astm.org/Standards/D2113.htm>.
- ASTM, 2010.** American Society for Testing and Materials. Standard Practice for Cone Penetrometer Technology Characterization of Petroleum Contaminated Sites with Nitrogen Laser-Induced Fluorescence, ASTM D6187 - 97(2010).
- ASTM, 2010b.** American Society for Testing and Materials, West Conshohocken, PA: ASTM International. ASTM D1945 - 03(2010) Standard Practice for Analysis of Reformed Gas by Gas Chromatography. 2010.
- ASTM, 2011.** American Society for Testing and Materials, West Conshohocken, PA: ASTM International. ASTM D1946 - 90(2011) Standard Practice for Analysis of Reformed Gas by Gas Chromatography. 2011.
- ASTM, 2011b.** ASTM International, West Conshohocken, PA. Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils. ASTM Standard D1586-11. Website URL: <https://www.astm.org/Standards/D1586.htm>.
- ASTM, 2013.** American Society for Testing and Materials. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: E1527-13. West Conshohocken, PA: ASTM International. Website URL: <https://www.astm.org/Standards/E1527.htm>. November 2013.
- ATSDR, 1994.** Agency for Toxic Substances and Disease Registry. Department of Health and Human Services. Atlanta, GA. Toxicological Profile for Chlordane. Website URL: <https://www.atsdr.cdc.gov/ToxProfiles/tp.asp?id=355&tid=62>. May 1994.
- ATSDR, 2001.** Agency for Toxic Substances and Disease Registry, Division of Toxicology. Public Health Statement – Pentachlorophenol. [Local Copy](#) (70kb). September 2001.
- Atwood et al., 2012.** Atwood, T. B., T. N. Wiegner, et al. Effects of hydrological forcing on the structure of a tropical estuarine food web." *Oikos* 121(2): 277-289.
- Australia, 2006.** Australian Government. Australia's National Programme of Action for the Protection of the Marine Environment from Land-Based Activities.
- Azimuth, 2010.** Azimuth Consulting Group. FCSAP Supplemental Guidance for Ecological Risk Assessment Selection or Development of Site-specific Toxicity Reference Values. Prepared for Environment Canada. 29 pages. Website URL: http://www.geoenvirologic.ca/Documents/20120631_TRV%20Module_EN.pdf. June 2010.
-

Batley et al., 2013. Australian Online Coastal Information, OZCOASTS.GOV.AU. Metal contaminants. Oz Coasts: Australian On-line Coastal Information. Website URL: http://www.ozcoasts.gov.au/indicators/metal_contaminants.jsp. Accessed August 31, 2013.

Batley, G. and S. Simpson, 2008. Advancing Australia's Sediment Quality Guidelines. Australasian Journal of Ecotoxicology 14: 11-20.

Bay et al., 2007. Bay, S., Greenstein, D., Young, D. Evaluation of Methods for Measuring Sediment Toxicity in California Bays and Estuaries . Southern California Coastal Water Research Project. Technical Report 503. March 2007.

Beak et al., 2006. Beak, D.G., N.T., Basta, K.G. Scheckel, and S.J. Traina. Bioaccessibility of Arsenic(V) Bound to Ferrihydrite Using a Simulated Gastrointestinal System. Environ. Sci. Technol. 40(4):1364:1370. Website URL: <http://pubs.acs.org/doi/abs/10.1021/es0516413>.

Beckingham, B. and U. Ghosh, 2010. Environmental Toxicology and Chemistry 29(12): 2851-2858. Comparison of Field And Laboratory Exposures of Lumbriculus Variegatus to Polychlorinated Biphenyl-Impacted River Sediments.

Beckvar, N. and G. R. Lotufo, 2011. N. W. Beyer and J. P. Meador, CRC Press: 47-102. DDT and Other Organohalogen Pesticides in Aquatic Organisms. Environmental Contaminants in Biota: Interpreting Tissue Concentrations, 2nd Edition.

Belzunce-Segarra et al., 2015. Belzunce-Segarra, M. J., Simpson, S. L., Amato, E. D., Spadaro, D. A., Hamilton, I. L., Jarolimek, C. V., & Jolley, D. F. The mismatch between bioaccumulation in field and laboratory environments: Interpreting the differences for metals in benthic bivalves. Environmental Pollution, 204, 48-57.

Berger et al., 1994. Bergren, C.L., M.A. Flora, J.L. Jackson, and E.M. Hicks. Application of Inorganic-Contaminated Ground Water to Surface Soils and Compliance with Toxicity Characteristic (TCLP) Regulations. In Metal Speciation and Contamination of Soil, ed. Allen, H.E., C.P. Huang, G.W. Bailey, and A.R. Bowers, 331-343. Boca Raton, FL: Lewis Publishers, CRC Press Inc. [Local Copy](#) (20kb).

Beyer et al., 2011. Beyer, W. N. and J. P. Meador. Environmental Contaminants in Biota: Interpreting Tissue Concentrations, Second Edition. CRC Press. 768 pages.

Blaylock, 1994. University of Wyoming, Cooperative Extension Service. Soil Salinity, Salt Tolerance, and Growth Potential of Horticultural and Landscape Plants: B-988, February 1994.

Boehm et al., 2011. Boehm, A. B., Yamahara, K. M., Walters, S. P., Layton, B. A., Keymer D. P., Thompson R. S., Knee, K. L. and M. Rosener. Dissolved Inorganic Nitrogen, Soluble Reactive Phosphorous, and Microbial Pollutant Loading from Tropical Rural Watersheds in Hawai'i to the Coastal Ocean During Non-Storm Conditions. Estuaries and Coasts, 34:925-936.

Bouwer, H., 1989. The Bouwer and Rice Slug Test - An Update. Groundwater, Vol. 27, No. 3. May-June 1989.

Brasher et al., 2007. Brasher, A. M. D. and R. H. Wolff. Contaminants in the Watershed: Implications for Hawaiian Stream Biota. Biology of Hawaiian Streams and Estuaries. Edited by N.L. Evenhuis & J.M. Fitzsimons. Bishop Museum Bulletin in Cultural and Environmental Studies 3: 277-291.

Brewer et al., 2013. Brewer, R., Nagashima, J., Kelley, M. and M. Rigby. Risk-Based Evaluation of Total Petroleum Hydrocarbons in Vapor Intrusion Studies: International Journal of Environmental Research and Public Health, Volume 10, pp 2441-2467. Website URL: <http://www.mdpi.com/1660-4601/10/6/2441>. [Local Copy](#) (316kb). 2013.

Brewer et al., 2014. Brewer, R., Nagashima, J., Rigby, M., Schmidt, M. and H. O'Neill. Estimation of Generic Subslab Attenuation Factors for Vapor Intrusion Investigations: Groundwater Monitoring & Remediation, 34: 79-92. doi: 10.1111/gwmmr.12086. Website URL: <http://onlinelibrary.wiley.com/doi/10.1111/gwmmr.12086/full>. 2014.

Brewer et al., 2016. Brewer, R., Peard, J. and M. Heskett. A critical review of discrete soil sampling methods. Soil and Sediment Contamination (pending; manuscripts under review). June 2016

Brewer et al., 2017a.

Brewer et al., 2017b.

Buchman, 2008. Office of Response and Restoration Division, National Oceanic and Atmospheric Administration, Seattle, WA., 34 pages. NOAA Screening Quick Reference Tables, NOAA OR&R Report 08-1, 34 pages. Website URL: <http://response.restoration.noaa.gov/cpr/sediment/squirt/squirt.html>.

Burkhard et al., 2010. Burkhard, L. P., P. M. Cook and M. T. Lukasewycz, Environmental Toxicology and Chemistry 29(1): 230-236. Direct Application of Biota-Sediment Accumulation Factors.

CalDTSC, 2009. California Department of Toxic Substances Control, DTSC.CA.GOV. U.S. EPA Region 9 Biological Technical Assistance Group (BTAG) Recommended Toxicity Reference Values for Mammals and Birds. Website URL: http://www.dtsc.ca.gov/AssessingRisk/upload/Eco_Btag-mammal-bird-TRV-table.pdf. Accessed August 30, 2013.

CalEPA, 1992. California Environmental Protection Agency. Department of Toxic Substances Control (DTSC). Supplemental Guidance For Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities. Website URL: <https://www.dtsc.ca.gov/AssessingRisk/upload/forward.pdf>. [Local Copy](#) (14kb). July 1992 (Corrected and Reprinted August 1996).

CalEPA, 1994. California Environmental Protection Agency, DTSC. Preliminary Endangerment Assessment Guidance Manual. [Local Copy](#) (362kb). January 1994.

CalEPA, 1994b. DTSC. CalTOXTM. A Multimedia Total Exposure Model For Hazardous-Waste Sites, Spreadsheet User's Guide, Version 1.5. Website URL: <https://www.dtsc.ca.gov/AssessingRisk/upload/userman.pdf>. [Local Copy](#) (235kb). August 1994.

CalEPA, 1995. Guidelines for Hydrogeologic Characterization at Hazardous Substances Release Sites, Volume 1: Field Investigation Manual. [Local Copy](#) (355kb). July 1995.

CalEPA, 1995b. Monitoring Well Design and Construction for Hydrogeologic Characterization, Guidance Manual for Ground Water Investigations. [Local Copy](#) (1.0mb). July 1995.

CalEPA, 1996a1. DTSC. Guidance for Ecological Risk Assessments at Hazardous Waste Sites and Permitted Facilities (Part A). Website URL: <https://www.dtsc.ca.gov/AssessingRisk/upload/overview.pdf>. [Local Copy](#) (448kb). July 4, 1996.

CalEPA, 1996a2. DTSC. Guidance for Ecological Risk Assessments at Hazardous Waste Sites and Permitted Facilities (Part B). Website URL: <https://www.dtsc.ca.gov/AssessingRisk/upload/scope.pdf>. [Local Copy](#) (137kb). July 4, 1996.

CalEPA, 1996b. DTSC. Supplemental Guidance For Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities. Website URL: https://www.dtsc.ca.gov/AssessingRisk/Supplemental_Guidance.cfm. August, 1996.

CalEPA, 2003. DTSC and California Regional Water Quality Control Board - Los Angeles Region (LARWQCB). Advisory – Active Soil Investigations. [Local Copy](#) (831kb). January 2003.

CalEPA, 2004. DTSC. INTERIM FINAL: Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air. [Local Copy](#) (699kb). December 15, 2004 (Revised February 7, 2005).

CalEPA, 2004b. California Environmental Protection Agency, Department of Toxic Substances Control. Guidance on the Implementation of EPA Method SW-846 5035. November 2004.

CalEPA, 2005. California Environmental Protection Agency, Department of Toxics Substances Control. Use of California Human Health Screening Levels in Evaluation of Contaminated Properties. January 2005

CalEPA, 2005b. California Environmental Protection Agency. Advisory on Methane Assessment and Common Remedies at School Sites. Department of Toxic Substances Control (DTSC). [Local Copy](#) (227kb). June 16, 2005.

CalEPA, 2005c. California Environmental Protection Agency, Regional Water Quality Control Board, San Francisco Bay Area Region. Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater. February 2005.

CalEPA, 2011. California Environmental Protection Agency, Department of Toxic Substances Control. Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air. August 2011.

CalEPA, 2011b. California Environmental Protection Agency, Department of Toxic Substances Control. Vapor Intrusion Mitigation Advisory. October 2011.

CalEPA, 2012. California Environmental Protection Agency, Department of Toxic Substances Control (in conjunction with the California Regional Water Quality Control Board – Los Angeles Region). Advisory – Active Soil Gas Investigations. Website URL: https://www.dtsc.ca.gov/SiteCleanup/upload/VI_ActiveSoilGasAdvisory_FINAL_043012.pdf. [Local Copy](#) (600kb). April 2012.

CalEPA, 2013. California Environmental Protection Agency, Department of Toxics Substances Control. Preliminary Endangerment Assessment Guidance Manual. October 2013.

CalEPA, 2015. California Environmental Protection Agency, Department of Toxic Substances Control. Advisory – Active Soil Gas Investigation. July 2015.

Cape Technologies, 2009. Application Note AN-008 Immunoassay analysis of ppt (pg/g) range PCDD/Fs in soil and sediment using rapid extraction and rapid cleanup (modified EPA Method 4025 or Method 4025m). Website URL: <http://www.cape-tech.com>. April, 2009.

Carr et al., 2001. Carr RS, Nipper M, Adams WJ, Berry WJ, Burton Jr GA, Ho K, MacDonald D, Scroggins R, Winger PV. Summary of the SETAC Workshop on Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations with a Review of Methods and Applications, and Recommendations for Future Areas of Research; 18–22 March 2000; Pensacola, FL. Society of Environmental Toxicology and Chemistry (SETAC). Pensacola, FL. 38 p.

Carr et al., 2007. Carr, S. and M. Nipper, Field, M.E. (ed.), Berg, C.J. (ed.), and Cochran, S.A. (ed.). Sediment Porewater Toxicity Study in Hanalei Bay, Kaua`i. Pages 13-15, Science and Management in the Hanalei Watershed: A Trans-Disciplinary Approach; Proceedings from the Hanalei Watershed Workshop: USGS Open-File Report 2007-1219.

Cavallo et al., 1992 Cavallo, A., Gadsby, K. and T.A. Reddy, U.S. Environmental Protection Agency, Air and Energy Engineering Research Laboratory. Natural Basement Ventilation as a Radon Mitigation Technique, EPA/600/SR-92/059.

CCME, 2001. Canadian Council of Ministers of the Environment. Canadian Sediment Quality Guidelines for the Protection of Aquatic Life: Polychlorinated Dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDD/Fs). Canadian Environmental Quality Guidelines: 6 pages.

CDC, 2000. U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health Hazard Review: Health Effects of Occupational Exposures to Asphalt. December 2000

Cedergren, H.R., 1977. Seepage, Drainage, and Flow Nets, John Wiley and Sons, N.Y. 534p.

CEN, 1995. European Committee for Standardization. European standard BS EN 71-3: Safety of toys, Part 3: Migration of certain elements. Brussels.

Chaplin et al. 2002. Long-Term Evolution of Biodegradation and Volatilization Rates in a Crude Oil-Contaminated Aquifer: Bioremediation Journal, Volume 6, Issue 3. Website URL: <http://www.tandfonline.com/doi/abs/10.1080/10889860290777594>. July 2002.

Clements Associates Inc., 2008. Sampling Tube Tool. Website URL: <https://www.jmcsoil.com/>.

Cochran et al., 2007. Cochran, S., Mike Field, and Curt Storlazzi, Field, M.E. (ed.), Berg, C.J. (ed.), and Cochran, S.A. (ed.) Distribution of mud in Hanalei Bay, Kaua`i: June vs. September 2006. Pages 18-21, Science and Management in the Hanalei Watershed: A Trans-Disciplinary Approach; Proceedings from the Hanalei Watershed Workshop: USGS Open-File Report 2007-1219.

Cooper et al., 1967. Cooper, H.H., J.D. Bredehoff, and I.S. Papadopoulos. Response of a Finite Diameter Well to an Instantaneous Charge of Water. Water Resources Res. 3(1):263-269. [Local Copy](#) (352kb). First Quarter 1967.

County of San Diego, 2002. Department of Environmental Health, Land and Water Quality Division. Site Assessment and Mitigation Manual, Vapor Sampling Methodology TWG. Website URL: http://www.handpmg.com/documents/soil-vapor_guide.pdf. [Local Copy](#) (56kb). August 8, 2002.

County of San Diego, 2004. Department of Environmental Health, Land and Water Quality Division. Site Assessment and Mitigation Manual, Section 5: Site Investigation Techniques. Website URL: https://www.sandiegocounty.gov/deh/water/docs/sam_section_5.pdf. [Local Copy](#) (10.6mb). February 18, 2004.

Cowgill, U.M. 1988. The Chemical Composition of Leachate from a Two-Week Dwell-Time Study of PVC Well Casing and Three-Week Dwell-Time Study of Fiberglass Reinforced Epoxy Well Casing. In Ground-Water Contamination: Field Methods, Symposium February 2-7, 1986. ed. A.G. Collins and A.I. Johnson, 172-184. Philadelphia, PA: ASTM International.

Cox-Colvin, 2013. Cox-Colvin and Associates, Inc. Standard Operating Procedure, Installation and Extraction of the Vapor Pin™. December 3, 2013.

Cox-Colvin, 2013b. Cox-Colvin and Associates. Standard Operating Procedure, Leak Testing Vapor Pin™ using Mechanical Means. December 3, 2013

CRWQCB 2003. California Regional Water Quality Control Board – Los Angeles Region and the Department of Toxic Substances Control. Advisory – Active Soil Gas Investigations. [Local Copy](#) (831kb). January 2003.

Cutler et al., 2006. Cutler, W.G., N. Hue, M.E. Ortiz-Escobar, and T. Martin. Approaches to Reduce Bioaccessible Arsenic in Hawai'i Soils: In Proceedings of the Fifth International Conference on Remediation of Chlorinated and Recalcitrant Compounds: Monterey, California: May 2006. Columbus, OH: Battelle Press. [Local Copy](#) (20kb).

Cutler et al., 2013 Cutler, W.G., Brewer, R.C., El-Kadi, A., Hue, N.V., Niemeyer, P.G., Peard, R.J. and C. Ray. Bioaccessibility of Arsenic in Soil of Former Sugar Cane Plantations, Island of Hawai'i: Science of the Total Environment, Vol. 1 (422), pp177-188. [Local Copy](#) (1.6mb).

Cutler, W.G. 2009. Department of Geology and Geophysics, University of Hawai'i, Manoa. Arsenic Field Mapping by XRF: A Quantitative Comparison of Field and Laboratory Methods. March 9, 2009

Cutler, W.G. 2011. Bioaccessible arsenic in soils of the Island of Hawaii. Ph.D. Dissertation, University of Hawaii at Manoa, Honolulu, Hawaii. Website URL: http://www.soest.hawaii.edu/GG/resources/gg_dissertations.html. [Local Copy](#) (3.1mb).

Dalton et al., 2013. Dalton, C. M., A. Mokiao-Lee, et al. Density- and trait-mediated top-down effects modify bottom-up control of a highly endemic tropical aquatic food web. *Oikos*122(5): 790-800.

Denison et al., 1999. Denison, M.S., S.D. Seidel, M. Ziccardi, W.J. Rogers, D.J. Brown, and G.C. Clark. Ah Receptor-Based Bioassays for Dioxins and Related Chemicals: Application and Limitations. *Organohalogen Compounds*. 40:27-30. [Local Copy](#) (24kb).

Department of the Navy, 2007. Projects Procedures Manual, U.S. Navy Environmental Restoration Program, NAVFAC Pacific. February 2007.

Dickson, A.G. and C. Goyet, 1994. Department of Energy, Oak Ridge national Laboratory. Handbook of methods for the analysis of the various parameters of the carbon dioxide system in sea water, CDIAC-74. (updated 1997).

DLNR DAR, 2012. Hawaii Division of Aquatic Resources. Local Action Strategy: Land-Based Pollution. Website URL: http://hawaii.gov/dlnr/dar/coral/coral_las_lbsp.html. Accessed January 11, 2012 (since removed).

DLNR DAR, 2018. State of Hawaii, Department of Land and Natural Resources, Division of Aquatic Resources. Licenses & Permits. HAWAII.GOV. Website URL: <http://dlnr.hawaii.gov/dar/licenses-permits/>. Accessed September 2018.

DLNR DFW, 2018. State of Hawaii, Department of Land and Natural Resources, Division of Forestry and Wildlife. Permit Guidelines, HAWAII.GOV. Website URL: <http://dlnr.hawaii.gov/dofaw/permits/>. Accessed September 2018

DoD, 2001. Department of Defense. Policy on Land Use Controls Associated with Environmental Restoration Activities. [Local Copy](#) (1.1mb). January 17, 2001.

DoD, 2008. Department of Defense, (prepared by Noblis Consultants for the Air Force Institute for Operational Health, Health Risk Assessment Branch. Tri-Services Handbook for the Assessment of the Vapor Intrusion Pathway. 2008.

Domenico et al., 1990. Domenico, Patrick A., and Franklin W. Schwartz. Physical and Chemical Hydrogeology. Second Edition. New York: John Wiley & Sons, Inc. [Local Copy](#) (519kb).

Dreesen et al., 1982. Dreesen, D.R., and J.M. Williams. Mobility and bioavailability of uranium mill tailings contaminants. Environ. Sci. Technol. 16:702-709. Website URL: <http://pubs.acs.org/doi/pdf/10.1021/es00104a013>.

Eklund, B., 1992. Practical Guidance for Flux Chamber Measurements of Fugitive Volatile Organic Emission Rates. Journal of the Air & Waste Management Association. 42(12):1583-1592. [Local Copy](#) (20kb).

Element Environmental, 2009. Draft Report. Evaluation of Green Island Landfill and Reburial Pit, Former U.S. Coast Guard LORAN Station Kure, Northwest Hawaiian Islands. Site Investigation Report. February 2009.

Element Environmental, 2010. Follow-On Environmental Investigation, Former LORAN Station Cocos Island, Cocos Island, Guam. October 2010.

Environmental Pumping, 2008. "Peristaltic Pumping, Sludge Pumps, Auto Desludge Pumps, Peristaltic Sludge Pumps, Effluent Pumps". Photograph Source. Website URL: <http://www.environmentalpumping.co.uk/html/peristaltic-pumps.htm>. December 2008.

EON, 2008. Eon Products, Inc. "EON Water sampling equipment, instruments, environmental sampling supplies, hazardous gas detectors". Photograph Source. Website URL: https://www.eonpro.com/images/products/8Aspec_birs.jpg. December 2008.

EPRI, 1993. Chemical and Physical Characteristics of Tar Samples from Selected Manufactured Gas Plant (MGP) Sites: Electric Power Research Institute, TR 102184. [Local Copy](#) (4.1mb). May 1993.

ERM, 2008.

ESI, 2012. Environmental Science International. Removal Action Report. Former United States Coast Guard Long Range Navigation (LORAN) Station, Ilio Point, Molokai, Hawaii. July 2012.

Exponent, 1998. Review of Bioaccumulation Methods for Fish and Shellfish. Prepared for Washington State Department of Ecology. December 1998.

Exponent, 2005. Relative bioavailability and bioaccessibility results: Exponent, external memorandum to Hawai'i Department of Health. [Local Copy](#) (20kb). December 2, 2005.

Feenstra, S., 2003. Spatial Variability of Non-Aqueous Phase Liquid Chemicals in Soil— Implications for Source Zone Mass Estimates: Environmental & Engineering Geoscience, Vol. IX, No. 1, pp. 19–23. February.

Fletcher et al., 2012. Fletcher, C.H., Romine, B.M., Genz, A.S., Barbee, M.M., Dyer, Matthew, Anderson, T.R., Lim, S.C., Vitousek, Sean, Bochicchio, Christopher, and Richmond, B.M. National assessment of shoreline change: Historical shoreline change in the Hawaiian Islands: U.S. Geological Survey Open-File Report 2011–1051, 55 p. Website URL: <http://pubs.usgs.gov/of/2011/1051/>.

Folk, R.L., 1980. Petrology of Sedimentary Rocks. Hemphill Publishing, Austin, TX, 184p.

Forrester, et al., 2012. Forrester, S.T., Janik, L.J., McLaughlin, M.J., Soriano-Disla, J.M., Stewart, R. and B. Dearman. Total Petroleum Hydrocarbon Concentration Prediction in Soils Using Diffuse Reflectance Infrared Spectroscopy. Soil Science Society of America Journal, Vol. 77, pp 450–46.

Freeze, R.A., and J.A. Cherry, 1979. Groundwater. Prentice Hall Publishing Co., Inc.: Englewood Cliffs, N.J. [Local Copy](#) (20kb).

Frick, C.M., R.E. Farrell, and J.J. Germida. 1999. University of Saskatchewan, Department of Soil Science, Saskatoon, SK, Canada. Assessment of Phytoremediation as an In-Situ Technique for Cleaning Oil-Contaminated Sites. Website URL: <https://clu-in.org/download/remed/phyassess.pdf>. [Local Copy](#) (360kb). December 29, 1999.

- FRTR, 2002.** Federal Remediation Technologies Roundtable. Tri-Agency Permeable Reactive Barrier Initiative for the Federal Remediation Technologies Roundtable. Evaluation of Permeable Reactive Barrier Performance. Revised Report. Website URL: https://frtr.gov/pdf/2-prb_performance.pdf. [Local Copy](#) (1.7mb). December 9, 2007.
- FRTR, 2007.** Federal Remediation Technologies Roundtable web site. Remediation Technologies Screening Matrix and Reference Guide, Version 4.0. Website URL: https://frtr.gov/matrix2/top_page.html.
- Garcia et al., 2009.** Garcia, S. S., K. MacDonald, et al. Discarded Military Munitions Case Study: Ordnance Reef (HI-06), Hawaii." Marine Technology Society Journal 43(4): 85-99.
- General Oceanics, 2008.** General Oceanics, Inc, Water and Air Sampling Products. Photograph Source. Website URL: <http://www.genoceanics.com/genocean/ClearNiskin04.jpg>. December 2008.
- GeoInsight Online.** GeoInsight Online – No-purge samplers, passive samplers, direct push equipment. Photograph Source. Website URL: http://www.geoinsightonline.com/about_small_diam_wells/diagram.html.
- Geosyntec, 2011.** Honolulu Harbor Domestic Commercial Fishing Village Honolulu, Hawai'i: Geosyntec Consultants. Third-Party Review of Iwilei District OU1A Methane Conceptual Model and Mitigation Strategy. April 2011.
- Geotek, 2013.** (in-house report prepared for Hawai'i Department of Health). GeoTek Hawaii, Inc. Hawaiian Islands soil metal background samples analytical comparison between conventional fixed laboratory inductively coupled plasma/ mass spectrometry SW846 6020 and X-ray Fluorescence spectrometry SW846 6200. January 10, 2013.
- Geotek, 2013b.** (in-house report prepared for Hawai'i Department of Health). GeoTek Hawaii, Inc. Wailoa Park arsenic study methodology and lessons learned. September 23, 2013.
- Ghosh et al., 2003.** Ghosh, U., Zimmerman, J. R., & Luthy, R. G. PCB and PAH speciation among particle types in contaminated harbor sediments and effects on PAH bioavailability. Environmental Science & Technology, 37(10), 2209-2217. doi:10.1021/es020833k
- Ghosh et al., 2014.** Ghosh, U., Kane Driscoll, S., Burgess, R. M., Jonker, M. T. O., Reible, D., Gobas, F., . . . Beegan, C. Passive sampling methods for contaminated sediments: Practical guidance for selection, calibration, and implementation. Integrated Environmental Assessment and Management, 10(2), 210-223
- Gillham et al., 1990.** Gillham, R.W. and S.F. O'Hannesin. Sorption of Aromatic Hydrocarbons by Materials Used in Construction of Ground-Water Sampling Wells. In Ground-Water and Vadose Zone Monitoring, ed. D.M. Nielsen and A.I. Johnson, 108-122. Philadelphia, PA: ASTM International [Local Copy](#) (20kb).
- Gilmour et al., 2013.** Gilmour, C. C., G. S. Riedel, G. Riedel, S. Kwon, R. Landis, S. S. Brown, C. A. Menzie and U. Ghosh, Environmental Science & Technology 47(22): 13001-13010. Activated Carbon Mitigates Mercury and Methylmercury Bioavailability in Contaminated Sediments.
- Grabe, S. A., & Barron, J., 2004.** Sediment contamination, by habitat, in the Tampa Bay estuarine system (1993-1999): PAHs, pesticides and PCBs. Environmental Monitoring and Assessment, 91(1-3), 105-144. doi:10.1023/b:emas.0000009232.18889.37
- Greenberg et al., 2014.** Greenberg, M. S., Chapman, P. M., Allan, I. J., Anderson, K. A., Apitz, S. E., Beegan, C., . . . Parkerton, T. F. Passive sampling methods for contaminated sediments: Risk assessment and management. Integrated Environmental Assessment and Management, 10(2), 224-236.
- Grovhoug, J.G., 1992.** Evaluation of Sediment Contamination in Pearl Harbor. Technical Report 1502. Naval Command, Control and Ocean Surveillance Center, RDT&E Division. June 1992.
- Grubel et al., 1988.** Grubel, K.A., J.A., Davis, and J.O. Leckie. The Feasibility of Using Sequential Extraction Techniques for Arsenic and Selenium in Soils and Sediments. Soil Sci. Soc. Am. J. 052:390–397. Website URL: <https://pubs.er.usgs.gov/publication/70013800>.
- Gy, Pierre, 1998.** Sampling for Analytical Purposes. John Wiley & Sons Ltd. West Sussex. England. Website URL: <http://www.wiley.com/WileyCDA/WileyTitle/productCd-0471979562.html>.
-

Hallacher et al., 1985. Hallacher, L. E., Kho, E. B, Bernard, N. D., Orcutt, A. M., Dudley, W.C., and T. M. Hammond. Distribution of Arsenic in the Sediments and Biota of Hilo Bay, Hawaii. *Pacific Science*, 39 (3): 266-273.

Hanson, N.S, 1959. Chemical Weed Control in Hawai'i: International Society of Sugar Cane, Technical Proceedings. [Local Copy](#) (20kb).

Hanson, N.S, 1962. Weed Control Practices and Research for Sugar Cane in Hawai'i: Weeds, Volume 10, No. 3. [Local Copy](#) (20kb). July 1962.

Hantush et, al., 1955. Hantush, M.S., and C.E. Jacob. Nonsteady Radial Flow in an Infinite Leaky Aquifer. *Trans. Amer. Geophys. Union*. 36:95-100. [Local Copy](#) (20kb).

Hantush, M.S. 1956. Analysis of Data from Pumping Tests in Leaky Aquifers. *Trans. Amer. Geophys. Union*. 37: 702-714. [Local Copy](#) (20kb).

Hantush, M.S. 1961. Aquifer Tests on Partially Penetrating Wells. *Proc. Amer. Soc. Civ. Engrs*. 87:171-195. [Local Copy](#) (20kb).

Hantush, M.S. 1964. Hydraulics of Wells. In *Advances in Hydrosience*, ed. V. Chow, 281-432. New York: Academic Press. [Local Copy](#) (20kb).

HAR 11-261. Hawai'i Administrative Rules, Department of Health. Title 11, Chapter 261, Hazardous Waste Management, Identification and Listing of Hazardous Waste. Website URL: <http://health.hawaii.gov/opppd/files/2015/06/11-261.pdf>. September 2, 1999

HAR 11-451. Hawai'i Administrative Rules, Department of Health. Title 11, Chapter 451, State Contingency Plan (SCP). [Local Copy](#) (2.2mb). August 2, 1995.

HAR 12-203.1. Hawai'i Administrative Rules, Department of Labor and Industrial Relations, Division of Occupational Safety and Health. Title 12, Chapter 203.1, Health Standards, Hazard Communications. Website URL: <https://dliir.state.hi.us/labor/hiosh/pdf/standards/part3/part8/12-2031.pdf>. July 25, 1994.

HAR 12-60. Hawai'i Administrative Rules, Department of Labor and Industrial Relations, Hawaii Occupational Safety and Health Division. Title 12, Chapter 60, General Industry Standards, General Safety and Health Standards. Website URL: <https://labor.hawaii.gov/hiosh/files/2012/12/12-60-General-Safety-Health-Requirements.pdf>. December 6 1982

Harborne, A. R. 2013. The ecology, behaviour and physiology of fishes on coral reef flats, and the potential impacts of climate change. *J Fish Biol*. 83(3):417-47.

Hartman, B., 1998. New England Interstate Water Pollution Prevention, LUSTLine, Bulletin No. 30. The Great Escape (from the UST). September 1998.

Hartman, B., 2002. How to Collect Reliable Soil-Gas Data for Risk-Based Applications, Part 1: Active Soil-Gas Method. LUSTLine Bulletin 42. October. Website URL: [http://www.handpmg.com/documents/LustLine42-Active Soil Gas Part 1.pdf](http://www.handpmg.com/documents/LustLine42-Active%20Soil%20Gas%20Part%201.pdf). [Local Copy](#) (370kb).

Hartman, B., 2003. How to Collect Reliable Soil-Gas Data for Upward Risk Assessments, Part 2: Surface Flux Chamber Method. LUSTLine Bulletin 44. Website URL: [http://www.handpmg.com/documents/LustLine-44-Flux Chambers Part 2.pdf](http://www.handpmg.com/documents/LustLine-44-Flux%20Chambers%20Part%202.pdf). [Local Copy](#) (228kb). August 2003.

Hartman, B., 2004. How to Collect Reliable Soil-Gas Data for Risk-Based Applications - Specifically Vapor Intrusion, Part 3: Answers to Frequently Asked Questions. LUSTLine Bulletin 48. Website URL: http://www.handpmg.com/documents/LustLine-48-FAQ_Part_3.pdf. [Local Copy](#) (327kb). November 2004.

HDLNR, 2004. Hawai'i Department of Land and Natural Resources. Hawai'i Well Construction and Pump Installation Standards. Commission on Water Resource Management. February 2004.

HDOA, 1969. Hawai'i Department of Agriculture. Pesticide Problems in Hawai'i. [Local Copy](#) (20kb). December 1969.

HDOA, 1977. Pesticide Usage Patterns in Hawai'i. Pesticide Hazard Assessment Project, Pacific Biomedical Research Center. [Local Copy](#) (20kb).

HDOA, 1987. A Preliminary Assessment of Inert Ingredients in Pesticides Used in Hawai'i. [Local Copy](#) (20kb).

HDOA, 1989. Inventory of Pesticide Storage and Mixing Sites. Report to the Fifteenth Legislature, 1989 Regular Session in Response to Section 46C of the Supplemental Appropriations Act of 1988 (Act 390). [Local Copy](#) (20kb). January 1989.

HDOH, 1985. Hawai'i Department of Health. Report to the Thirteenth Legislature, 1985 Regular Session in Response to House Concurrent Resolution No. 39, H.D. 1, S.D. 1 of the Twelfth Legislature, 1984 Session Requesting the Office of Environmental Quality Control to Determine the Source of EDB Contamination of the Waipahu Wells. [Local Copy](#) (20kb). January 1985.

HDOH, 1985b. Hawai'i State Department of Health. Profiles of Fumigants Used in Pineapple Cultivation in Maui: Hawai'i Department of Health, Office of Environmental Quality Control. August 1985.

HDOH, 1985c. Source of Contamination of Maui Wells. Report to 13th Legislature. [Local Copy](#) (20kb). January 1985.

HDOH, 1985d. Source of Contamination of Maui Wells: Hawai'i Department of Agriculture, Report to 13th Legislature. January 1985.

HDOH, 1990. Hawai'i Revised Statutes (HRS) 128D: Hawai'i Department of Health, Hawai'i Environmental Response Law, Chapter 128D. Website URL: https://www.capitol.hawaii.gov/hrscurrent/Vol03_Ch0121-0200D/HRS0128D/. [Local Copy](#) (111kb).

HDOH, 1995. Hawai'i Department of Health, Environmental Management Division. Risk-Based Corrective Action and Decision Making at Sites with Contaminated Soil and Groundwater: Volume 1. [Local Copy](#) (13.5mb). December 1995 (revised June, 1996).

HDOH, 1997. State of Hawai'i Department of Health, Hazard Evaluation and Emergency Response Office. Technical Guidance Manual for the Implementation of the Hawai'i State Contingency Plan. October 1997.

HDOH, 2000. Hawai'i Department of Health, Environmental Management Division. Technical Guidance Manual for Underground Storage Tank Closure and Release Response. Second Edition. [Local Copy](#) (46kb). March 2000.

HDOH, 2005. Hawai'i Department of Health, HEER Office. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. Interim Final. [Local Copy](#) (26.0mb). May 2005.

HDOH, 2005b. Hawai'i Department of Health, HEER Office. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. Interim Final. [Local Copy](#) (7.9mb). May 2005 (Updated August 2006).

HDOH, 2005c. Hawaii Department of Health, Office of Hazard Evaluation and Emergency Response. Ecological Risk Assessment Waiakea Pond Hilo, Hawaii.

HDOH, 2006. Proposed Dioxin Action Levels for East Kapolei Brownfield Site. [Local Copy](#) (78kb). March 23, 2006.

HDOH, 2006b. Hawai'i Department of Health, Safe Drinking Water Branch. Groundwater Protection Program. 2005 Groundwater Contamination Maps for the State of Hawai'i. [Local Copy](#) (523kb). July 28, 2006.

HDOH, 2006c. Technical Report regarding Soil Action Levels and Categories for Bioaccessible Arsenic. [Local Copy](#) (109kb). August 7, 2006.

HDOH, 2007. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Use of laboratory batch tests to evaluate potential leaching of contaminants from soil. [Local Copy](#) (215kb). April 2007.

HDOH, 2007b. Letter from the Laurence K. Lau, Deputy Director of Environmental Health, Hawai'i Department of Health to Rear Admiral Len R. Hering, Sr., Commander, Navy Region Southwest, DoD Regional Environmental Coordinator Region 9, United States Navy regarding Implementation of the UECA on DoD Owned Property. October 1, 2007.

HDOH, 2007c. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Long-Term Management of Petroleum-Contaminated Soil and Groundwater. Website URL: <http://www.hawaiidoh.com/tgm-content/1909a.aspx>. [Local Copy](#) (161kb). June 2007

HDOH, 2007d. HEER Office. Pesticides in Former Agricultural Lands and Related Areas - Updates on Investigation and Assessment (Arsenic, Technical Chlordane, and Dioxin Test Methodologies and Action Levels and Field Sampling Strategies). May 11, 2007.

HDOH, 2007e. prepared by Tetra Tech EM Inc. East Kapolei Affordable Housing Project Kapolei, Oahu, Hawai'i: Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. December 4, 2007.

HDOH, 2010. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Update to Soil Action Levels for TEQ Dioxins and Recommended Soil Management Practices. Website URL: <http://www.hawaiidoh.org>. [Local Copy](#) (322kb). June 2010.

HDOH, 2010b. Arsenic in Canec Ceilings and Wallboard in Hawai'i. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/soil-arsenic-guidance-and-information>. [Local Copy](#) (463kb). September 2010

HDOH, 2010c. Technical Guidance Document for the Implementation of Chapter 452 of Title 11, Hawaii Administrative Rules, entitled "Requirements for Decontamination and Cleanup of Methamphetamine Manufacturing Sites." Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/methamphetamine-laboratory-cleanup>. [Local Copy](#) (2.3mb). September 2007 (Draft Edition). Revised May 2010.

HDOH, 2011b. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Technical Guidance Manual Notes: Decision Unit and Multi-Increment Sample Investigations. Website URL: <http://eha-web.doh.hawaii.gov>. [Local Copy](#) (4.2mb). 2011.

HDOH, 2011c. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Update to Soil Action Levels for Inorganic Arsenic and Recommended Soil Management Practices. Website URL: <http://www.hawaiidoh.org/>. [Local Copy](#) (297kb). November 25, 2011.

HDOH, 2011d. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Summary of Pesticide and Dioxin Contamination Associated with Former Sugarcane Operations. Website URL: <http://www.hawaiidoh.org/>. [Local Copy](#) (416kb).

HDOH, 2011e. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Guidance for the Evaluation of Imported and Exported Fill Material, Including Contaminant Characterization of Stockpiles. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/technical-guidance-and-fact-sheets>. [Local Copy](#) (4.8mb).

HDOH, 2011f. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Screening for Environmental Hazards at Sites with Contaminated Soil and Groundwater. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/EALS>. [Local Copy](#) (18.8mb). Fall 2011 (and updates),

HDOH, 2011g. Past Use of Chlordane, Dieldrin, and other Organochlorine Pesticides for Termite Control in Hawaii: Safe Management Practices around Treated Foundations or during Building Demolition. Termiticides fact sheet.. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/documents/573a9d28-3b52-4e39-ae33-87d77632cf82>. [Local Copy](#) (849kb). September 2011.

HDOH, 2011h. A Guide to Soil Testing for Organochlorine (OC) Termiticides at Residential Sites in Hawaii. OC Termiticide Sampling Guide fact sheet. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/documents/c1578f33-2d86-43f1-8655-64862c45f642>. [Local Copy](#) (1.7mb). September 2011.

HDOH, 2011i. Office of Hazard Evaluation and Emergency Response. Use of Decision Unit and Multi-increment Soil Sample Investigation Approaches to Characterize A Subsurface Solvent Plume. [Local Copy](#) (4.2mb). March 2011.

HDOH, 2011j. Hawai'i Department of Health, Solid and Hazardous Waste Branch. Construction and Demolition (C&D) Waste Disposal General Guidance. February 2011.

HDOH, 2012. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Field Investigation of the Chemistry and Toxicity of TPH in Petroleum Vapors: Implications for Potential Vapor Intrusion Hazards. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/documents/4c0ca6c1-0715-4e0d-811b-33debe220e31>. [Local Copy](#) (11.3mb). 2012.

HDOH, 2012b. Hawai'i Department of Health, Hazard Evaluation and Emergency Response. Hawaiian Islands Soil Metal Background Evaluation Report. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/Background%20Metals%20in%20Hawaiian%20Islands%20Soils>. [Local Copy](#) (5.8mb). May 2012.

HDOH, 2012c. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Additional Notes on HDOH report Field Investigation of the Chemistry and Toxicity of TPH in Petroleum Vapors. Website URL: [http://www.hawaiidoh.org/tgm-guidance/TPH%20Soil%20Gas%20Report%20\(HDOH%20August%202012\).pdf](http://www.hawaiidoh.org/tgm-guidance/TPH%20Soil%20Gas%20Report%20(HDOH%20August%202012).pdf). [Local Copy](#) (13.8mb). August 2012.

HDOH, 2013. Arsenic in Hawaiian Soils: Questions and Answers on Health Concerns. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/soil-arsenic-guidance-and-information>. [Local Copy](#) (898kb). September 2010 (arsenic level updated April 2013).

HDOH, 2014. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Laboratory date for samples of Hawai'i Kai dredge material at 85-1383 C&D Waianae Valley Road, Waianae, O'ahu. January 10, 2014.

HDOH, 2014b. Hawai'i Department of Health, Hazard Evaluation and Emergency Response. Decision Error Associated with the use of Discrete Soil Sample Data in Environmental Investigations, Part 1: Field Investigation of Discrete Sample Variability. October 2014.

HDOH, 2015. Hawai'i Department of Health, Hazard Evaluation and Emergency Response. Small-Scale Variability of Discrete Soil Sample Data, Part 1: Field Investigation of Discrete Sample Variability. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Org/HEER/>. June 2015.

HDOH, 2015b. Hawai'i Department of Health, Hazard Evaluation and Emergency Response. Small-Scale Variability of Discrete Soil Sample Data, Part 2: Causes and Implications for Use in Environmental Investigations. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Org/HEER/>. June 2015.

HDOH, 2016. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/EALs>. Summer 2016 (and updates).

HDOH, 2016b. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater – Tropical Pacific Edition . Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/ehe-guidance---pacific-basin-edition>. Summer 2016 (and updates).

HDOH, 2017a. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/EALs>. Fall 2017 and updates.

HDOH, 2017b. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater – Tropical Pacific Edition, for use in US Territories and related areas in the tropical Pacific region. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/ehe-guidance---pacific-basin-edition>. Fall 2017 and updates.

HDOH, 2017c. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Field Study of High-Density Passive Sampler and Large Volume Purge Methods to Characterize Subslab Vapor Plumes. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/technical-guidance-and-fact-sheets>. July 2017.

HDOH, 2017d. Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. Guidance for Soil Stockpile Characterization and Evaluation of Imported and Exported Fill Material. Website URL: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/technical-guidance-and-fact-sheets>. [Local Copy](#) (3.5mb). October 8, 2017.

HDOH, 2018. Hawaii Department of Health, Office of Hazard Evaluation and Emergency Response. (On-line) Technical Guidance Manual for the Implementation of the Hawai'i State Contingency Plan, Sections 3, 4, and 5. Website URL: <http://www.hawaiidoh.org>. Accessed October 2018.

Helsel, 2005. Helsel, Dennis. Nondetects and Data Analysis: Statistics for Censored Environmental Data. Hoboken, NJ: John Wiley & Sons, Inc. [Local Copy](#) (20kb).

Henningson et al., 1999. Henningson, G., C. Weis, S. Casteel, L. Brown, E. Hoffman, W. Brattin, J. Drexler, and S. Christensen. Differential absorption of lead in 20 soils from Superfund mine-waste sites. Conference on Topics in Toxicology and Risk Assessment, Air Force Research Laboratory, WPAFB. [Local Copy](#) (20kb). April 15, 2000.

Hewitt & Lukash, 1999. U.S. Army Cold Regions Research and Engineering Laboratory. PID-Based Estimation of the Concentration of Aromatic and Chlorinated VOCs in Soil. Website URL: [http://onlinelibrary.wiley.com/doi/10.1002/\(SICI\)1520-6521\(1999\)3:3%3C193%3A%3AAID-FACT7%3E3.0.CO%3B2-A/abstract](http://onlinelibrary.wiley.com/doi/10.1002/(SICI)1520-6521(1999)3:3%3C193%3A%3AAID-FACT7%3E3.0.CO%3B2-A/abstract). March 1999.

Hewitt, A.D., 1999. Frozen Storage of Soil Samples for VOC Analysis. Environmental Testing and Analysis, Vol. 8 (5): 18-25. Sept/Oct 1999.

Hoffman, E. 2007. The Technical Basis for Revisions to the Dredged Material Management Program's Bioaccumulative Contaminants of Concern List. Prepared for the Agencies of the Dredged Material Management Program. Website URL: http://www.nws.usace.army.mil/Portals/27/docs/civilworks/dredging/Updates/2007-Final_BCOG_Technical_Appendix_010807.pdf. January 2007.

Hotton, and Sutherland, 2016. Hotton, V. K., and Sutherland, R. A. The legacy of lead (Pb) in fluvial bed sediments of an urban drainage basin, Oahu, Hawaii. Environmental Science and Pollution Research, 23(6), 5495-5506. doi:10.1007/s11356-015-5777-8

HRS 128D. Hawai'i Revised Statutes. Hawai'i Environmental Response Law (HERL), Chapter 128D. Website URL: https://www.capitol.hawaii.gov/hrscurrent/Vol03_Ch0121-0200D/HRS0128D/.

HRS 128E. Hawai'i Revised Statutes. Hawai'i Emergency Planning and Community Right-To-Know Act, Chapter 128E. Website URL: https://www.capitol.hawaii.gov/hrscurrent/Vol03_Ch0121-0200D/HRS0128E/.

HRS 269E. Hawai'i Revised Statutes. One Call Center; Advanced Warning to Excavators. Chapter 269E. Website URL: https://www.capitol.hawaii.gov/hrscurrent/Vol05_Ch0261-0319/HRS0269E/. [Local Copy](#) (20kb).

HRS 342B. Hawai'i Revised Statutes. Air Pollution Control, Chapter 342B. Website URL: https://www.capitol.hawaii.gov/hrscurrent/Vol06_Ch0321-0344/HRS0342B/HRS_0342B-.htm.

HRS 342D. Hawai'i Revised Statutes. Water Pollution, Chapter 342D. Website URL: https://www.capitol.hawaii.gov/hrscurrent/Vol06_Ch0321-0344/HRS0342D/.

HRS 508C. Hawai'i Revised Statutes. Uniform Environmental Covenants Act (UECA), Chapter 508C. Website URL: https://www.capitol.hawaii.gov/hrscurrent/Vol12_Ch0501-0588/HRS0508C/. [Local Copy](#) (20kb).

HRS 92F. Hawai'i Revised Statutes. Uniform Information Practices Act (UIPA), Chapter 92F. Website URL: https://www.capitol.hawaii.gov/hrscurrent/Vol02_Ch0046-0115/HRS0092F/. [Local Copy](#) (20kb).

Hvorslev, M.J. 1951. Time Lag and Soil Permeability in Groundwater Observations. Army Corps of Engineers Waterway Exp. Stat. Bull. 36. Vicksburg, MS. [Local Copy](#) (20kb).

ITRC, 1996. Interstate Technology Regulatory Council. Technical Requirements for On-site Low Temperature Thermal Treatment of Non-hazardous Soils Contaminated with Petroleum/Coal Tar/Gas Plant Wastes. Website URL: <https://www.itrcweb.org/Guidance/GetDocument?documentID=96&documentID=96>. [Local Copy](#) (109kb). May 29, 1996.

ITRC, 1997. Interstate Technology Regulatory Council. Technical Requirements for On-site Thermal Desorption of Solid Media Contaminated With Hazardous Chlorinated Organics. Website URL: <https://www.itrcweb.org/Guidance/GetDocument?documentID=97&documentID=97>. [Local Copy](#) (201kb). April 18, 1997.

ITRC, 1998. Interstate Technology Regulatory Council. Technical Guidelines for On-site Thermal Desorption of Solid Media and Low Level Mixed Waste Contaminated with Mercury and/or Hazardous Chlorinated Organics. Website URL: <https://www.itrcweb.org/Guidance/GetDocument?documentID=98&documentID=98>. [Local Copy](#) (242kb). September 2, 1998.

ITRC, 2002. Interstate Technology and Regulatory Council. A Systematic Approach to In-Situ Bioremediation in Groundwater Including Decision Trees on In-Situ Bioremediation for Nitrates, Carbon Tetrachloride, and Perchlorate. Website URL: <https://www.itrcweb.org/Guidance/GetDocument?documentID=43&documentID=43>. [Local Copy](#) (2.0mb). August 2002.

ITRC, 2005. Interstate Technology Regulatory Council. Technical and Regulatory Guidance for In-Situ Chemical Oxidation of Contaminated Soil and Groundwater, Second Edition. Website URL: <https://www.itrcweb.org/Guidance/GetDocument?documentID=45&documentID=45>. [Local Copy](#) (4.8mb). January 2005.

ITRC, 2007. Interstate Technology Regulatory Council. Vapor Intrusion Pathway: A Practical Guideline. Prepared by the ITRC Vapor Intrusion Team. Website URL: <https://www.itrcweb.org/Documents/VI-1.pdf>. [Local Copy](#) (3.2mb). January 2007.

ITRC, 2009. Interstate Technology Regulatory Council. Evaluating LNAPL Remedial Technologies for Achieving Project Goals. Prepared by the ITRC LNAPLs Team. Website URL: <https://www.itrcweb.org/Guidance/GetDocument?documentID=48&documentID=48>. [Local Copy](#) (1.0mb). December 2009.

ITRC, 2011. Interstate Technology Regulatory Council ITRC guidance documents. Website URL: <https://www.itrcweb.org/Guidance>. 2011.

ITRC, 2012. Interstate Technology & Regulatory Council, Incremental Sampling Methodology Team. Incremental Sampling Methodology. ISM-1. Website URL: https://www.itrcweb.org/ism-1/Executive_Summary.html. February 2012.

Jarvinen, and Ankley, 1999. Jarvinen, A. W. and Ankley, G. T. Linkage of Effects to Tissue Residues: Development of a Comprehensive Database for Aquatic Organisms Exposed to Inorganic and Organic Chemicals. SETAC Press. Pensacola, FL.

Jenkins, T., et al., 2005. Representative Sampling for Energetic Compounds at Military Training Range: Environmental Forensics, Volume 6, pp. 45-55. Website URL: <http://www.tandfonline.com/doi/abs/10.1080/15275920590913912>.

Jia, C.R. and S. Batterman, 2010. A Critical Review of Naphthalene Sources and Exposures Relevant to Indoor and Outdoor Air: International Journal of Environmental Research and Public Health, Vol. 7, pp 2903-2939. 2010.

Johnson et al., 1998. Johnson, P.C., M. W. Kemblowski, and R.L. Johnson. Assessing the Significance of Subsurface Contaminant Vapor Migration to Enclosed Spaces. American Petroleum Institute, Health and Environmental Sciences Department, API Publication No. 4674. Website URL: <https://www.api.org/ehs/groundwater/upload/APIPub4674.pdf>. [Local Copy](#) (2.0mb). December 1998.

Johnson, P.C. and R.A. Ettinger, 1991. Heuristic Model for Predicting the Intrusion Rate of Contaminant Vapors into Buildings. Environmental Science & Technology. 25(8):1445-1452. [Local Copy](#) (20kb).

Jones, J.N. and G.D. Miller, 1988. Adsorption of Selected Organic Contaminants onto Possible Well Casing Materials. In Ground-Water Contamination: Field Methods, ed. A.G. Collins and A.I. Johnson, 185-198. Philadelphia, PA: International ASTM. Website URL: http://www.astm.org/DIGITAL_LIBRARY/STP/SOURCE_PAGES/STP963.htm. [Local Copy](#) (20kb).

Judd, N., L. Tear and J. Toll, 2014. Integrated Environmental Assessment and Management 10(1): 102-113. From Sediment to Tissue and Tissue to Sediment: An Evaluation of Statistical Bioaccumulation Models.

Juhasz et al., 2007. Juhasz, A.L., Smith, E., Weber, J., Rees, M., Rofe, A., Kuchel, T., Sansom, L. and R. Naidu. Comparison of in vivo and in vitro methodologies for the assessment of arsenic bioavailability in contaminated soils. Chemosphere, Vol. 69, pp. 961-966. 2007.

Juhasz et al., 2009. Juhasz, A.L., Weber, J., Smith, E., Naidu, R., Rees, M., Rofe, A., Kuchel, T., and L. Sansom. Assessment of Four Commonly Employed in Vitro Arsenic Bioaccessibility Assays for Predicting in Vivo Relative Arsenic Bioavailability in Soils. Environmental Science and Technology, Vol. 43, pp. 9487-9494. 2009.

Juhasz et al., 2011. Juhasz, A.L, Weber, J. and E. Smith. Predicting Arsenic Relative Bioavailability in Contaminated Soils using Meta Analysis and Relative Bioavailability-Bioaccessibility Models: Environmental Science and Technology, Vol. 45, pp 10676-10683. 2011.

Kalnicky, D.J. and R. Singhvi, 2001. Journal of Hazardous Materials 83 (2001) 93–122. Field portable XRF analysis of environmental samples.

- Kapuscinski, R. 2016.** Environmental Protection Agency Headquarters, Office of Superfund Remediation and Technology Innovation. Personal communication with Roger Brewer. Inquiry Regarding Attenuation Factors and EPA's VI Guidance. June 14, 2016.
- Kelley et al., 2002.** Kelley, M.E., Brauning, S.E, Schoof, R.A. and M.V. Ruby, Battelle Press, Ohio. Assessing Oral Bioavailability of Metals in Soil. 2002.
- Kienbusch, M. 1986.** Measurement of Gaseous Emissions Rates from Land Surfaces using an Emission Isolation Flux Chamber, User's Guide, EPA Users Guide, (EPA 600/8-86/008). . 1986.
- Klaus et al., 2016.** Klaus, J., Kourafalou, V., Piggot, A., Reniers, A., Kang, H., Kumar, N., Solo-Gabriele, H. Potential Impacts of PCBs on Sediment Microbiomes in a Tropical Marine Environment. Journal of Marine Science and Engineering, 4(1), 13.
- Knutson, et al. 2012.** Concentrations of Irgarol in selected marinas of Oahu, Hawaii and effects on settlement of coral larval. Ecotoxicology 21(1): 1-8.
- Kwok, K. W. H., A. Bjorgesaeter, et al. 2008.** Kwok, K. W. H., A. Bjorgesaeter, et al. Deriving site-specific sediment quality guidelines for Hong Kong marine environments using field-based species sensitivity distributions. Environmental Toxicology and Chemistry 27(1): 226-234.
- Lang et al., 2009.** Lang, D. A., Bastow, T. P. van Aarssen, B.G.K., Warton, B., Davis, G.B. and C. D. Johnston. Polar Compounds from the Dissolution of Weathered Diesel, Groundwater Monitoring and Remediation, Vol. 29, No. 4, pp 85–93. 2009.
- LANL, 2017.** Los Alamos National Laboratory. ECORISK Database (Release 4.1). LA-UR-12-24548. Environmental Programs Directorate, Los Alamos National Laboratory, Los Alamos, NM. Website URL: <https://www.lanl.gov/environment/protection/eco-risk-assessment.php>.
- Lee, et al., 2006.** Lee, S. J., Kim, J. H., Chang, Y. S., & Moon, M. H. Characterization of polychlorinated dibenzo-p-dioxins and dibenzofurans in different particle size fractions of marine sediments. Environmental Pollution, 144(2), 554-561. doi:10.1016/j.envpol.2006.01.040
- Long, and Morgan. 1990.** Long, E.R. and L.G. Morgan. The potential for biological effects of sediment-sorbed contaminants tested in the National Status and Trends Program." National Oceanic and Atmospheric Administration (NOAA) Technical Memorandum, NOS OMA 52, Seattle, Washington, USA.
- Long, et al. 1995.** Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. Environ Manag 19:81–97.
- Lydy, et al., 2014.** Lydy, M. J., Landrum, P. F., Oen, A. M. P., Allinson, M., Smedes, F., Harwood, A. D., . . . Liu, J. Passive sampling methods for contaminated sediments: State of the science for organic contaminants. Integrated Environmental Assessment and Management, 10(2), 167-178.
- Maddaloni, et al., 1998.** Maddaloni, M., N. Lolocono, W. Manton, C. Blum, J. Drexler, and J. Graziano. Bioavailability of soilborne lead in adults by stable isotope dilution. Environ. Health Persp. 106(6):1589-1594. [Local Copy](#) (1.3mb).
- MADEP, 2002.** Characterizing Risks Posed by Petroleum Contaminated Sites: Massachusetts Department of Environmental Protection, Policy #WSC-02-411. Website URL: <https://www.mass.gov/orgs/executive-office-of-energy-and-environmental-affairs>. [Local Copy](#) (425kb). October 2002.
- MADEP, 2002b.** Massachusetts Department of Environmental Protection. Indoor Air Sampling and Evaluation Guide. WSC Policy No. 02-430. Commonwealth of Massachusetts. Boston, MA. Website URL: <https://www.mass.gov/orgs/executive-office-of-energy-and-environmental-affairs>. [Local Copy](#) (821kb). April 2002.
- MADEP, 2008.** Massachusetts Department of Environmental Protection. Residential Typical Indoor Air Concentrations - Technical Update. December 2008.
- MADEP, 2010.** Massachusetts Department of Environmental Protection, Office of Research and Standards. Vapor Intrusion Guidance. 2010 Draft update.
-

Marr et al., 2010. Marr, D., Mason, M., Mosley, R. and X.Y. Liu, U.S. Environmental Protection Agency, Office of Research and Development, Indoor Environments Management Branch, 7th International Conference on Indoor Air Quality, Syracuse. The Influence of Opening Windows and Doors on the Natural Ventilation Rate of a Residential Building. Website URL: https://cfpub.epa.gov/si/si_public_record_report.cfm?dirEntryId=222005. [Local Copy](#) (382.kb). August 2010.

Marr et al., 2012, Marr, D., Mason, M., Mosley, R. and X.Y. Liu. The Influence of Opening Windows and Doors on the Natural Ventilation Rate of a Residential Building, HVAC&R Research, Vol. 18, No 1–2, pp195–203.

Martin et al, 2003. Martin, Todd A. and Michael V. Rudy. "In-Situ Remediation of Arsenic in Contaminated Soils." Remediation. Winter 2003,

Mauro et al., 2006. Mauro, D.M., DeClercq, P.J., Siegenger, R., and R. Coleman. Survey of the Distribution and Sources of PAHs in Urban Surface Soils: Proceedings of the International Symposium and Exhibition on the Redevelopment of Former Manufactured Gas Plant Sites, April 4-6, 2006, Reading, UK, Land Contamination and Reclamation, Vol. 14 (2). [Local Copy](#) (420kb). 2006.

Mayer, et al., 2014. Mayer, P., Parkerton, T. F., Adams, R. G., Cargill, J. G., Gan, J., Gouin, T., . . . Escher, B. I. Passive sampling methods for contaminated sediments: Scientific rationale supporting use of freely dissolved concentrations. Integrated Environmental Assessment and Management, 10(2), 197-209.

McAlary et al., 2010. McAlary, T.A., Nicholson, P.J., Yik, L.K., Bertrand, D.M. and G. Thrupp. High Purge Volume Sampling - A New Paradigm for Subslab Soil Gas Monitoring: Ground Water Monitoring and Remediation. 30 (2): 73–85. 2010

McCready et al., 2006. McCready, S., G. F. Birch, E. R. S. Long, G. and C. R. Greely, Archives of Environmental Contamination and Toxicology 50: 306-315. An Evaluation of Australian Sediment Quality Guidelines.

McHugh et al., 2010. McHugh, T., Davis, R., Devaull, G., Hopkins, H., Menatti, J. and T. Peargin. Evaluation of Vapor Attenuation at Petroleum Hydrocarbon Sites: Considerations for Site Screening and Investigation', Soil and Sediment Contamination, Vol19- 6, pp725- 745. 2010.

MDNR, 2005. Missouri Department of Natural Resources. Missouri Risk-Based Corrective Action (MRBCA) for Petroleum Storage Tanks, Soil Gas Sampling Protocol. [Local Copy](#) (590kb). April 2005.

MEDEP, 2012. Maine Department of Environmental Protection, Standard Operating Procedure TS004. Compendium of Field Testing of Soil Samples for Gasoline and Fuel Oils. Website URL: <https://www.maine.gov/dep/spills/petroleum/documents/sop/ts004.pdf>. October 15, 2012.

Medlin, E.A, 1997. An In Vitro Method for Estimating the Relative Bioavailability of Lead in Humans. Master's Thesis, Department of Geological Sciences, University of Colorado at Boulder. [Local Copy](#) (20kb).

Menzie et al., 2016. Menzie, C., Driscoll, S. K., Thompson, T., ESTCP Project ER-201216. Integrating Passive Sampling Methods into Management of Contaminated Sediment Sites: A Guide for Department of Defense Remedial Project Managers. Website URL: <http://www.dtic.mil/dtic/tr/fulltext/u2/1030840.pdf>. April.

Millward et al., 2005. Millward, R. N., T. S. Bridges, U. Ghosh, J. R. Zimmerman and R. G. Luthy, Environmental Science & Technology 39(8): 2880-2887. Addition of activated carbon to sediments to reduce PCB bioaccumulation by a polychaete (*Neanthes arenaceodentata*) and an amphipod (*Leptocheirus plumulosus*).

Mink et al., 1990. Mink, J.F. and L.S. Lau. Aquifer Identification and Classification for Oahu: Groundwater Protection Strategy for Hawaii. Technical Report No. 179. Honolulu: Water Resources Research Center, University of Hawaii.

Mink et al., 1990b. Mink, J.F. and L.S. Lau. Aquifer Identification and Classification for Maui: Groundwater Protection Strategy for Hawaii. Technical Report No. 185. Honolulu: Water Resources Research Center, University of Hawaii.

Mink et al., 1992. Mink, J.F. and L.S. Lau. Aquifer Identification and Classification for Kauai: Groundwater Protection Strategy for Hawaii. Technical Report No. 186. Honolulu: Water Resources Research Center, University of Hawaii.

Mink et al., 1992b. Mink, J.F. and L.S. Lau. Aquifer Identification and Classification for Molokai: Groundwater Protection Strategy for Hawaii. Technical Report No. 187. Honolulu: Water Resources Research Center, University of Hawaii.

Mink et al., 1993. Mink, J.F. and L.S. Lau. Aquifer Identification and Classification for Lanai: Groundwater Protection Strategy for Hawaii. Technical Report No. 190. Honolulu: Water Resources Research Center, University of Hawaii.

Mink et al., 1993b. Mink, J.F. and L.S. Lau. Aquifer Identification and Classification for Hawaii: Groundwater Protection Strategy for Hawaii. Technical Report No. 191. Honolulu: Water Resources Research Center, University of Hawaii.

Minnitt et al., 2007 Minnitt, R.C.A., Rice, P.M. and C. Spangenberg. Part 1: Understanding the components of the fundamental sampling error: a key to good sampling practice: The Journal of the Southern African Institute of Mining and Metallurgy, Vol. 107. August 2007.

Mitchell, et al. 2005. Mitchell, C., C. Ogura, D.W. Meadows, et al. Hawaii's Comprehensive Wildlife Conservation Strategy. Department of Land and Natural Resources. Honolulu, Hawaii. 722 pages. Website URL: <http://www.teaming.com/sites/default/files/Hawaii%20Wildlife%20Action%20Plan.pdf>.

Mohler et al., 2013. Mohler, R.E., O'Reilly, K.T., Zemo, D.A., Tiwary, A.K., Magaw, R.I. and K.A. Synowiec. Non-Targeted Analysis of Petroleum Metabolites in Groundwater Using GC×GC–TOFMS: Environmental Science and Technology, Vol. 47, pp. 10471–10476. 2013.

Morrison, et al., 2011. Morrison, G., H. Greening, and K. K. Yates. Sediment Contaminants and Benthic Habitat Quality." Chapter 7 in: Integrating Science and Resource Management in Tampa Bay, Florida: U.S. Geological Survey Circular 1348 (K.K. Yates, H. Greening, and G. Morrison, eds.); Pages 203-238.

Munsell, 2000. Munsell Soil Color Charts. MacBeth Division of Kollmorgen Instruments Corp. New Windsor, New York. Revised 2000.

NAVFAC, 2007. Naval Facilities Engineering Command. Step 7 Baseline ERA, Pearl Harbor: Sediment Remedial Investigation.

Navy, 1998. Development of Toxicity Reference Values for Conducting Ecological Risk Assessments at Naval Facilities in California, Interim Final Technical Memorandum. Prepared by Tetra Tech, Inc. for Naval Facilities Engineering Command, Engineering Field Activity West. San Bruno, California. September 1998.

Navy, 2005. Us Navy, Pacific Division. Naval Facilities Engineering Command, Pearl Harbor, Hawaii. Prepared by Geo-Marine, Inc. Marine Resource Assessment for the Hawaiian Islands Operating Area. 578 pages. Website URL: <http://www.navfac.navy.mil/content/dam/navfac/Environmental/PDFs/MRA/HAWAII%20FINAL%20MRA%20-%20DECEMBER%202005.pdf>.

Navy, 2009. Hawaii Range Complex EIS. Website URL: https://www.navfac.navy.mil/content/dam/navfac/Environmental/PDFs/NEPA/HRC_EIS_Vol1.pdf.

Navy, 2017. Hawaii-Southern California Training and Testing Draft Environmental Impact Statement (EIS) and Overseas EIS. Website URL: <https://hstteis.com/Documents/2017-Hawaii-Southern-California-Training-and-Testing-Draft-EIS-OEIS/Draft-EIS-OEIS>.

NEIWPC, 2003. New England Interstate Water Pollution Control Commission. A Hotdog by Any Other Name Could be your Drinking Water. LUST Line Bulletin 44. [Local Copy](#) (469kb). July 2003.

Neuman, S.P., 1975. Analysis of Pumping Test Data from Anisotropic Unconfined Aquifers Considering Delayed Gravity Response. Water Resources Res. 11(2):329-342. [Local Copy](#) (20kb).

New York State Department of Health, 2006. Guidance for Evaluating Soil Vapor Intrusion in the State of New York, Final. Center for Environmental Health, Bureau of Environmental Exposure Investigation. Website URL: https://www.health.ny.gov/environmental/investigations/soil_gas/svi_guidance/docs/svi_main.pdf. [Local Copy](#) (1.4mb). October 2006.

Newman, J.F., 1978. Academic Press. Pesticides, Pesticide Microbiology. ed. I.R. Hilland and S.J.L. Wright. [Local Copy](#) (20kb).

Nielsen et al., 2007. Nielsen, D.M. and G.L. Nielsen. The Essential Handbook of Ground-Water Sampling. CRC Press, 309 pgs.

Nielsen, David M., 2006. Environmental Site Characterization and Ground-Water Monitoring. Second Edition.

NIOSH, 1994. National Institute for Occupational Safety and Health. NIOSH Manual of Analytical Methods, Fourth Edition. Publication No. 94-113. Website URL: <https://www.cdc.gov/niosh/docs/2003-154/>.

NIST, 2010. National Institute of Standards and Technology. Special Publication 260-172. Certification of Three NIST Renewal Soil Standard Reference Materials for Element Content: SRM 2709a San Joaquin Soil, SRM 2710a Montana Soil I, and SRM 2711a Montana Soil II. June 2010.

NJDEP, 1998. New Jersey Department of Environmental Protection. Revised Guidance Document for the Remediation of Contaminated Soils. Site Remediation Program. [Local Copy](#) (53kb). January 1998.

NJDEP, 2005. New Jersey Department of Environmental Protection. Field Sampling Procedures Manual. Website URL: <http://www.state.nj.us/dep/srp/guidance/fspm/>. [Local Copy](#) (7.3mb). August 2005.

NOAA, 1990. National Oceanic and Atmospheric Administration. Preliminary Natural Resource Survey, Hawai'ian Cane Products, Findings of Fact. [Local Copy](#) (20kb). September 27, 1990.

NOAA, 2018. NOAA Fisheries, NOAA.GOV. Pacific Islands Regional Office. Website URL: <https://www.fpir.noaa.gov/>. accessed September 2018

NOAA, 2018b. NOAA Fisheries, Pacific Islands Regional Office, NOAA.GOV. Ecological Modeling to Understand the Energy Flows and Interactions along the Kona Coastline. Website URL: https://www.pifsc.noaa.gov/west_hawaii_iea/projects/ecological_modeling.php. Accessed September 2018

NRC, 1989. National Research Council. Contaminated Marine Sediments — Assessment and Remediation. Washington, D.C., National Academy Press, 493 pages.

NRCS, 2007. Natural Resources and Conservation Service. Soil Survey of the State of Hawai'i. [Local Copy](#) (20kb).

NTP, 2005. National Toxicology Program. Report on Carcinogens, Eleventh Edition; U.S. Department of Health and Human Services, Public Health Service, National Toxicology Program (2,3,7,8-Tetrachlorodibenzo-p-dioxin). U.S. Department of Health and Human Services, Public Health Service, National Toxicology Program, 11th Report on Carcinogens. [Local Copy](#) (249kb).

ODEQ, 2017. Oregon Department of Environmental Quality. Guidance for Assessing Bioaccumulative Chemicals of Concern in Sediment, Final. Website URL: <https://www.oregon.gov/deq/FilterDocs/GuidanceAssessingBioaccumulative.pdf>. January 31, 2007, updated October 2017.

OESD, 2000. City of Oakland, Environmental Services Division, (prepared by L.R. Spence. Spence Environmental Engineering and M. Gomez, City of Oakland). Oakland Environmental Corrective Action: Technical Background Document. January, 2000 (and updates).

Opel et al., 2011. Opel, O., W. U. Palm, D. Steffen and W. K. L. Ruck, Environmental Pollution 159(4): 924-931. Inside-sediment partitioning of PAH, PCB and organochlorine compounds and inferences on sampling and normalization methods.

Orazio, et al., 2007. Orazio, C.E., May, T.W., Gale, R.W., Meadows, J.C., Brumbaugh, W.G., Echols, K.R., Steiner, W.M., Berg, C.J. Survey of Chemical Contaminants in the Hanalei River, Kauai, Hawaii, 2001. U.S. Geological Survey Scientific Investigation Report 2007-5096, 19 pp.

Orazio, et al., 2010. Orazio, C. E., T.W. May, R.W. Gale, Meadows, J. C., Brumbaugh, W. G., Echols, K. R., . . . C.J. Berg, J. Survey of Chemical Contaminants in the Hanalei River, Kaua'i, Hawai'i, 2001.

ORNL, 1998. Oak Ridge National Laboratory. Biota Sediment Accumulation Factors for Invertebrates: Review and Recommendations for the Oak Ridge Reservation. BJC/OR-112. August 1998.

ORNL, 2018. Oak Ridge National Laboratory. EPA Ecological Risk Assessment Guidance. Website URL: https://rais.ornl.gov/guidance/epa_eco.html. Accessed September 2018.

Ouellette, G., 2004. Soil Vapor Sampling and Analysis – Lessons Learned: Presented at DOE/PERF workshop, Brea, CA. January 2004.

Papadopoulos et al., 1973. Papadopoulos, I.S., J.D. Bredehoft, and H.H. Cooper. On the Analysis of Slug Test Data. Water Resources Res. 9(4):1987-1089. [Local Copy](#) (20kb).

Parker et al., 1989. Parker, L.V., T.F. Jenkins, and P.B. Black. Evaluation of Four Well Casing Materials for Monitoring Selected Trace Level Organics in Ground Water. CRREL Report 89-18, U.S. Army Cold Regions Research and Engineering Laboratory, Hanover, NH. [Local Copy](#) (20kb).

Parkerton, T. F. and K. A. Maruya, 2014. Integrated Environmental Assessment and Management 10(2): 163-166. Passive sampling in contaminated sediment assessment: Building consensus to improve decision making.

Patmont et al., 2015. Patmont, C. R., U. Ghosh, P. LaRosa, C. A. Menzie, R. G. Luthy, M. S. Greenberg, G. Cornelissen, E. Eek, J. Collins, J. Hull, T. Hjartland, E. Glaza, J. Bleiler and J. Quadrini, Integrated Environmental Assessment and Management 11(2): 195-207. In Situ Sediment Treatment Using Activated Carbon: A Demonstrated Sediment Cleanup Technology.

Paul, C., 2009. USEPA, Robert S. Kerr Environmental Research Laboratory, Ada, OK. RSKSOP-306. Standard Operating Procedure, Preparation and Implementation of New Passive Diffusion Samplers for Groundwater and/or Soil Gas. January 2009.

Peijnenburg, et al., 2014. Peijnenburg, W. J. G. M., Teasdale, P. R., Reible, D., Mondon, J., Bennett, W. W., & Campbell, P. G. C. Passive sampling methods for contaminated sediments: State of the science for metals. Integrated Environmental Assessment and Management, 10(2), 179-196.

Peters et al., 1997. Peters, E. C., N. J. Gassman, J. C. Firman, R. H. Richmond and E. A. Power, Environmental Toxicology and Chemistry 16(1): 12-40. Ecotoxicology of tropical marine ecosystems.

PHVPTG, 2006. Petroleum HPV Testing Group (prepared for USEPA). Asphalt Category Test Plan. Website URL: <http://www.epa.gov/HPV/pubs/summaries/asphlcat/c14901rt.pdf>. August 14, 2006.

Pierard, et al., 1996. Pierard, C., Budzinski, H., & Garrigues, P. Grain-size distribution of polychlorobiphenyls in coastal sediments. Environmental Science & Technology, 30(9), 2776-2783. doi:10.1021/es9600035

Pitard, F.F., 1993. Pierre Gy's Sampling Theory and Sampling Practice, 2nd Edition. Boca Raton, FL: CRC Press, Inc. Website URL: <https://www.routledge.com/Pierre-Gys-Sampling-Theory-and-Sampling-Practice-Second-Edition-Heterogeneity/Pitard/p/book/9780849389177>.

Pitard, F.F., 2005. Sampling and Blending Conference Sunshine Coast, Queensland, Australia. Sampling Correctness - A Comprehensive Guideline. May 9-12, 2005.

Pitard, F.F., 2009. Fourth World Conference on Sampling & Blending, The Southern African Institute of Mining and Metallurgy. Theoretical, practical and economic difficulties in sampling for trace constituents. 2009.

PNNL, 2005. Pacific Northwest National Laboratory. Visual Sample Plan Version 4.7. Website URL: <http://vsp.pnnl.gov/index.stm>. [Local Copy](#) (20kb).

Pohlmann et al., 1990. Pohlmann, K.F., R.P. Blegen, and J.W. Hess. Field Comparison of Ground-Water Sampling Devices for Hazardous Waste Sites: An Evaluation using Volatile Organic Compounds. EPA/600/4-90/028, pp. 102. 1990. [Local Copy](#) (20kb).

PUC, 2008. Hawai'i Public Utilities Commission. Website URL: <http://puc.hawaii.gov/>.

Puls and Barcelona, 1989. Puls, R.W. and Barcelona, M.J.. Superfund Ground Water Issue. EPA Office of Solid Waste and Emergency Response. EPA/540/4-89/001. March 1989.

Puls and Barcelona, 1996. Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures. Superfund Ground Water Issue. EPA Office of Solid Waste and Emergency Response. EPA/540/S-95/504. April 1996.

RAE Systems, 2010. RAE Systems Inc. San Jose, California. RAE Systems PID Training Outline (Application Note AP-000).

Ramsey, C. and A. Hewitt, 2005. A Methodology for Assessing Sample Representativeness, Environmental Forensics 6:71-75. Website URL: <http://www.tandfonline.com/doi/abs/10.1080/15275920590913877?journalCode=uenf20>.

RemScan, 2014. RemScan Product Overview. Ziltek Pty Ltd, Thebarton SA, Australia.

Rickly Hydrogeological Company, 2008. "Rickly Hydrogeological Company". Photograph Source. Website URL: <http://www.rickly.com/as/images/VOCSAMPL.JPG>. December 2008.

RMC 2007. Royal Military College of Canada, Environmental Sciences Group, Kingston, Ontario. Lab testing data provided to HDOH, HEER Office. 2007.

Robbat, A., 1997. A Guideline for Dynamic Workplans and Field Analytics: The Keys to Cost Effective Site Characterization and Cleanup. Sponsored by President Clinton's Environmental Technology Initiative, through the USEPA, Washington D.C. Website URL: <http://ase.tufts.edu/chemistry/robbat/documents/DynamicWorkplans.pdf>. [Local Copy](#) (654kb).

Roberson et al., 1998. Roberson, J. A., Brown, R.E, Koomey, J.G. and S.E. Greenberg. Recommended Ventilation Strategies for Energy Efficient Production Homes: Lawrence Berkeley National Laboratory, Energy Analysis Department. [Local Copy](#) (405.kb). 1998.

Roberts et al., 2007. Roberts, S. M., Munson, J.W., Lowney, Y.W., and M. V. Ruby. Relative Oral Bioavailability of Arsenic from Contaminated Soils Measured in the Cynomolgus Monkey. Toxicological Sciences. 95(1):281-288. [Local Copy](#) (137kb).

Rodriguez et al., 1999. Rodriguez, R.R., N.T. Basta, S.W. Casteel, and L.W. Pace. An In Vitro Gastrointestinal Method to Estimate Bioavailable Arsenic in Contaminated Soils and Solid Media. Environ. Sci. Technol. 33(4):642-649. Website URL: <http://pubs.acs.org/doi/abs/10.1021/es980631h>.

RSET, 2016. Northwest Regional Sediment Evaluation Team, 160 pp plus appendices. Sediment Evaluation Framework for the Pacific Northwest. Website URL: https://www.epa.gov/sites/production/files/2016-07/documents/sediment_evaluation_framework_for_the_pacific_northwest_2016.pdf. July 2016.

Ruby et al., 1996. Ruby, M.V., Davis, A., Schoof, R., Eberle, S. and C.M. Sellstone. Estimation of Lead and Arsenic Bioavailability using a Physiologically Based Extraction Test: Environmental Science Technology, Vol. 30, pp 422-430. 1996.

Ruby, M.V., 2001. In Vitro Method for Determination of Lead and Arsenic Bioaccessibility (Standard Operating Procedure): Solubility/Bioavailability Research Consortium, SOP 110499.

Samelak et al., 2006. Samelak, M. and Levenger, S.. Presentation: Characterization of the 14 Areas of Concern at RVAAP Areas. Website URL: <http://proceedings.ndia.org/JSEM2006/Wednesday/Samelak.pdf>. March 22, 2006.

Sample, et al, 1996. Sample, B.E., D. M. Opresko, and G. W Suter. Toxicological Benchmarks for Wildlife: 1996, Revision. ES/ER/TM-86/R3. Oak Ridge National Laboratory, Oak Ridge, Tennessee.

SBRC, 1999. Standard Operating Procedure, In Vitro Method for Determination of Lead and Arsenic Bioavailability: Solubility/Bioavailability Research Consortium, Document 8601102.001 0601 1099 RN01 (contact Michael Ruby, Exponent, Boulder, Colorado or Dr. John Drexler, University of Colorado-Boulder, Department of Geological Sciences)

SC DHEC, 2005. South Carolina Department of Health and Environmental Control. Guidance Document: Tier II Assessment, Underground Storage Tank Program, Bureau of Land and Waste Management. December 6, 2005.

Schumacher, B.A. and M.M. Minnich, 2000. Extreme Short-Range Variability in VOC-Contaminated Soils. Environmental Science and Technology, 34(17),3611-3616.

- SDC, 2011.** San Diego County, Department of Environmental Health, Land and Water Quality Division. Site Assessment and Mitigation Manual, Section 5, Site Investigation Techniques. Website URL: https://www.sandiegocounty.gov/deh/water/docs/sam_section_5.pdf. , August 2011
- SERAS, 1994.** Standard Operating Procedures – Investigation Derived Waste: Scientific Engineering Analytical and Response Services, SOP 2049. Website URL: <https://clu-in.org/download/ert/2049-R00.pdf>.
- Sheets, T.J., 1980.** "Agricultural Pollutants": Introduction to Environmental Toxicity. ed. Frank E. Guthrie and Jerome J. Perry. Elsevier North Holland Inc. [Local Copy](#) (20kb).
- Shefsky, S., 1997.** In International Symposium of Field Screening Methods for Hazardous Wastes and Toxic Chemicals, Las Vegas, NV, Jan. 29-31, 1997 (NITON Corporation). Comparing Field Portable X-Ray Fluorescence (XRF) to Laboratory Analysis of Heavy Metals in Soil. Website URL: <https://clu-in.org/download/char/dataquality/sshefsky02.pdf>.
- Sherman et al., 2011.** Sherman, M. and N. Matson, Lawrence Berkeley Laboratory, Energy and Environment Division, prepared under U.S. Department of Energy contract no. DE-AC03-76SF00098. Residential Ventilation and Energy Characteristics. [Local Copy](#) (902 kb).
- Simpson SL, Batley GB and Chariton AA., 2013.** <https://publications.csiro.au/rpr/pub?pid=legacy:965> Revision of the ANZECC/ARMCANZ Sediment Quality Guidelines. CSIRO Land and Water Science Report 08/07.
- Simpson, et al., 2005.** Simpson, SL, Batley, GE, Chariton, AA, Stauber, JL, King, CK, Chapman, JC, Hyne, RV, Gale, SA, Roach, AC and Maher, WA. Handbook for Sediment Quality Assessment (CSIRO: Bangor, NSW).
- Simpson, S. L. and G. E. Batley, 2007.** Integrated Environmental Assessment and Management 3(1): 18-31. Predicting metal toxicity in sediments: A critique of current approaches.
- Snow, D.T., 1968.** Rock Fracture Spacings, Openings, and Porosities. Proc Amer Soc Civil Eng, J Soil Mech Found Div. 94(1):73-91. [Local Copy](#) (20kb).
- Solinst, 2008.** "Solinst Groundwater and Surface Water Monitoring Instrumentation, Water Level Meters, Interface Probes". Photograph Source. Website URL: <https://www.solinst.com>. December 2008.
- Sormunen et al., 2008.** Sormunen, A. J., M. T. Leppanen and J. V. K. Kukkonen, Environmental Toxicology and Chemistry 27(4): 854-863. Influence of sediment ingestion and exposure concentration on the bioavailable fraction of sediment-associated tetrachlorobiphenyl in oligochaetes.
- Storlazzi, 2016.** Storlazzi, Curt. USGS. Personal communication. September 1, 2016.
- Stumm, W. (Stumm), 1992.** New York. Wiley. Chemistry of the Solid-water Interface.
- Suter, G.W., ed., 2007.** Ecological Risk Assessment. Second edition, CRC Press, Boca Raton, FL, pg. 347-356.
- Tai et al., 1991.** Tai, D.Y., K.S. Turner, and L.A. Garcia. The Use of a Standpipe to Evaluate Ground Water Samples. Ground Water Monitoring Review. 11(1):125-132. Website URL: <http://onlinelibrary.wiley.com/doi/10.1111/j.1745-6592.1991.tb00359.x/abstract>.
- Takesue, et al., 2009.** Takesue, R. K., Bothner, M. H., & Reynolds, R. L. Sources of land-derived runoff to a coral reef-fringed embayment identified using geochemical tracers in nearshore sediment traps. Estuarine Coastal and Shelf Science, 85(3), 459-471. doi:10.1016/j.ecss.2009.09.014.
- Taylor et al. 2009.** Ecological Risk Assessment for Lead in Soil And Laysan Albatross Chicks on Sand Island, Midway Atoll National Wildlife Refuge; Final Report to Engineering Division – Region 1 U.S. Fish and Wildlife Service, Portland, Oregon.
- Taylor, R., 1990.** Journal of Diagnostic Medical Sonography, Volume 1, January-February, pp 35-39. Interpretation of the Correlation Coefficient: A Basic Review.
- Tetra Tech EM Inc., 2010.** Instrumentation and Air Monitoring Presentation.
-

Tetra Tech, 2012. Tetra Tech EM Inc. Ho'opili and University of Hawaii West Oahu Campus Kapolei, Oahu, Hawai'i, Final Phase II Site Assessment Report. August 20, 2012.

Tetra Tech, Inc. 2009. Marine Resource Study Field Sampling Results and Risk Assessment, Mākua Military Reservation, Oahu, Hawaii. TC 100-SFO-T95M78. Prepared for US Army Corps of Engineers Honolulu Engineer District. 256 pages. April 2009.

Thomas et al., 2005. Thomas F.J., A. D. Hewitt, M.E. Walsh, T.A. Ranney, C.A. Ramsey, C.L. Grant, and K.L. Bjella. Representative Sampling for Energetic Compounds at Military Training Range. *Environmental Forensics*. 6(1):45-55. Website URL: <http://www.tandfonline.com/doi/abs/10.1080/15275920590913912>.

Tindall, S., 2006. Managing Uncertainty with Systematic Planning: Data Quality Assessment. Workshop for State of Hawai'i, Department of Health. Website URL: <http://www.qe3c.com>. [Local Copy](#) (20kb).

Title 40 CFR. Title 40 Code of Federal Regulations, Published by the Office of the Federal Register National Archives and Records Administration. United States Government Printing Office. Washington, D.C. Website URL: https://www.ecfr.gov/cgi-bin/text-idx?sid=f60ac2a8a72d3866cecc3d897872e66f&c=ecfr&tpl=/ecfrbrowse/Title40/40tab_02.tpl.

Title 49 CFR. Title 49 Code of Federal Regulations, Published by the Office of the Federal Register National Archives and Records Administration. United States Government Printing Office. Washington, D.C. Website URL: https://www.ecfr.gov/cgi-bin/text-idx?sid=f60ac2a8a72d3866cecc3d897872e66f&c=ecfr&tpl=/ecfrbrowse/Title49/49tab_02.tpl.

TNRCC, 2002. Texas Natural Resource Conservation Commission. Guidance on the Use of EPA Method SW-846 5035. June 2002.

Tongbin et al, 2002. Tongbin, Chen and others. "Arsenic Hyperaccumulator *Pteris vittata* L. and its Arsenic Accumulation." *Chinese Science Bulletin*, Vol. 47, No. 11. June 2002.

TPHCWG, 1998. Amherst Scientific Publishers, Amherst, Massachusetts, ISBN 1-884-940-14-5. Analysis of Petroleum Hydrocarbons in Environmental Media: Total Petroleum Hydrocarbon Working Group (ed. Wade Weisman). Website URL: <http://www.aehs.com>. [Local Copy](#) (733kb). March 1998.

Tracey, G. A. and D. J. Hansen, 1996. *Archives of Environmental Contamination and Toxicology* 30(4): 467-475. Use of biota-sediment accumulation factors to assess similarity of nonionic organic chemical exposure to benthically-coupled organisms of differing trophic mode.

Triad, 2007. Triad Resource Center. Triad is a Federal/State Interagency Partnership. Website URL: <https://triadcentral.clu-in.org/over/index.cfm>. [Local Copy](#) (24kb).

Triad, 2011. Triad Resource Center. A Federal-State Interagency Partnership to encourage smarter solutions for site cleanup. Website URL: <https://triadcentral.clu-in.org/>. 2011.

TTEMI, 2012. Tetra Tech EMI. Ho'opili and University of Hawaii West Oahu Campus Kapolei, Oahu, Hawai'i. August 20, 2012.

University of Southern California, 2001. Field Procedures Manual, Resolution of Site Response Issues in the Northridge Earthquake. ROSRINE/USC-01-Rev1.0. June 15, 2001.

US Army, 2018. Environmental Laboratory, U.S. Army Engineer Research and Development Center. Environmental Residue Effects Database. Website URL: <https://ered.el.erdcdren.mil/>. Accessed September 2018

US Navy, 2007. United States Department of the Navy. Projects Procedures Manual, US Navy Environmental Restoration Program, Naval Facilities Engineering Command (NAVFAC) Pacific. February 2007.

US Navy, 2015. U.S. Navy Environmental Restoration Program, NAVFAC Pacific: Department of the Navy Naval Facilities Engineering Command, Pacific. Project Procedures Manual. May 2015.

USACE, 1996. United States Army Corps of Engineers. Engineering and Design Soil Sampling, Manual No. 1110-1-1906. Washington, DC. September 30, 1996.

USACE, 1998. Monitoring Well Design, Installation and Documentation a Hazardous Toxic, and Radioactive Waste Sites, Engineering Manual EM 1110-1-4000. Washington, DC. [Local Copy](#) (1.2mb). November 1, 1998.

USACE, 1998b. United States Army Corps of Engineers. USACE Sample Collection and Preparation Strategies for Volatile Organic Compounds in Solids. [Local Copy](#) (61kb). October 1998.

USACE, 2000. United States Army Corps of Engineers Designing Coalescing Oil/Water Separators for Use at Army Washracks. ERDC/CERL TR-00-40. [Local Copy](#) (1.6mb). December 2000.

USACE, 2005. Guidance for Evaluating Performance-Based Chemical Data, Engineering Manual EM 200-1-10. Washington, DC. [Local Copy](#) (535kb). June 30, 2005.

USACE, 2007. U.S. Army Corps of Engineers. Protocols for Collection of Surface Soil Samples at Military Training and Testing Ranges for the Characterization of Energetic Munitions Constituents, ERDC/CRREL TR-07-10. July 2007.

USAFCEE and USNFESC, 2004. United States Air Force Center for Environmental Excellence and United States Naval Facilities Engineering Service Center. Principles and Practices of Enhanced Anaerobic Bioremediation of Chlorinated Solvents. August 2004.

USCG, 2000. US Coast Guard. Final Ecological Risk Assessment; Former U.S. Coast Guard LORAN Station, Tern Island, French Frigate Shoals, Hawaii.

USDA, 1987. U.S. Department of Agriculture, Soil Conservation Service. USDA Textural Classification Study Guide. February 1987.

USDA, 2000. United States Department of Agriculture. Crop Profile for Pineapples in Hawai'i. Crop Profile for Sugarcane in Hawai'i. [Local Copy](#) (29kb).

USDA, 2015. United States Department of Agriculture. Soil Surveys for Hawai'i: (publication date varies for each island).

USDA-NRCS, 2007. United States Department of Agriculture, Natural Resources Conservation Service. Soil Survey Manual.

USDOL, 2002. United States Department of Labor. Excavations: Occupational Safety and Health Administration, OSHA Publication No. 2226.

USDOD, 2000. United States Department of Defense. Cost and Performance Report - Multi-Site In-Situ Air Sparging, Environmental Security Technology Certification Program (ESTCP). Website URL: <http://www.dtic.mil/dtic/tr/fulltext/u2/a435719.pdf>. [Local Copy](#) (1.1mb). December 2000.

USDOD, 2015. US Department of Defense, Department of Defense Strategic Environmental Research and Development Program, ESTCP Project ER-200830. Development of More Cost-Effective Methods for Long-Term Monitoring of Soil Vapor Intrusion to Indoor Air Using Quantitative Passive Diffusive-Adsorptive Sampling. August 2015.

USDOE, 2002. U.S. Department of Energy, Building Technology Program. Spot Ventilation, Source Control to Improve Indoor Air Quality (Technology Fact Sheet). Website URL: http://apps1.eere.energy.gov/buildings/publications/pdfs/building_america/26466.pdf.

USDOE, 2018. U.S. Department of Energy, Office of Environmental Management. The Risk Assessment Information System. Website URL: http://rais.ornl.gov/tools/eco_search.php. Accessed September 2018.

USEIA, 2012. US Energy Information Administration. Commercial Building Energy Consumption Survey Climate Zones Maps. Website URL: <http://www.eia.gov/consumption/commercial/census-maps.cfm>.

USEPA, 1983. United States Environmental Protection Agency. Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020. Website URL: <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=30000Q10.txt>. [Local Copy](#) (16.5mb). March 1983.

USEPA, 1985. U.S. Environmental Protection Agency, Office of Toxic Substances, Washington DC. Verification of PCB Spill Cleanup by Sampling and Analysis, EPA-560/5-85-026. August 1985.

USEPA, 1986. U.S. Environmental Protection Agency, Office of Toxic Substances, Washington DC. Field Manual for Grid Sampling of PCB Spill Sites to Verify Cleanups, EPA-560/5-86-017. May 1986.

USEPA, 1987. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Washington DC. Data Quality Objectives for Remedial Response Activities, EPA/540/G-87/003. March 1987.

USEPA, 1988. United States Environmental Protection Agency. Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA. EPA/540/G-891/004, OSWER Directive 9355.3 01, Interim Final. Washington D.C. October 1988.

USEPA, 1988b. Region 9. Recommended Procedures for Implementation of Superfund Risk Assessment Guidelines. [Local Copy](#) (20kb). August 17, 1988.

USEPA, 1988c. Superfund Exposure Assessment Manual: U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, OSWER Directive 9285.5-1, Publication EPA/540/1-88/001. Washington D.C. April 1988.

USEPA, 1988d. United States Environmental Protection Agency. At USEPA SW-846 Methods site, Method 6020a, Inductively Coupled Plasma – Mass Spectrometry (SW-846 Method 6020a). Website URL: <https://www.epa.gov/sites/production/files/2015-07/documents/epa-6020a.pdf>. January 1988.

USEPA, 1989. Criteria for Identifying Areas of Vulnerable Hydrogeology Under the Resource Conservation and Recovery Act, Appendix B - Ground-Water Flow Net/Flow Line Construction and Analysis. Website URL: <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=40001F6N.txt>. [Local Copy](#) (20kb). Interim Final 1989.

USEPA, 1989b. United States Environmental Protection Agency, Office of Solid Waste and Emergency Response. Methods of Evaluating the Attainment of Cleanup Standards, Volume 1: Soils and Solid Media, EPA 230/02-89-042. (see Section 7.4 and Table 7.1 especially). Website URL: <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=200081SR.txt>. [Local Copy](#) (4.5mb). February 1989.

USEPA, 1989c. United States Environmental Protection Agency, Office of Emergency and Remedial Response. Risk Assessment Guidance for Superfund. Volume II, Environmental Evaluation Manual. EPA/540/1-89/001. [Local Copy](#) (548kb). March 1989.

USEPA, 1989d. United States Environmental Protection Agency, Office of Emergency and Remedial Response. Interim Final Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Guidance, Volume II of IV, Soil Groundwater and Subsurface Gas Releases. EPA 530/SW-89-031, OSWER Directive 9502.00-6D. Washington D.C. [Local Copy](#) (20kb). May 1989.

USEPA, 1989e. Risk Assessment Guidance for Superfund. Volume 1, Human Health Evaluation Manual, Part A. USEPA/540/1-89/002. Washington D.C.: GPO. [Local Copy](#) (10.1mb). December 1989.

USEPA, 1990. U.S. Environmental Protection Agency, Environmental Monitoring Systems Laboratory, Washington DC. A Rationale for the Assessment of Errors in the Sampling of Soils, EPA/800/4-90/013. May 1990.

USEPA, 1991. Handbook of Suggested Practices for the Design and Installation of Groundwater-Monitoring Wells. EPA160014-891034. Las Vegas, Nevada. [Local Copy](#) (5.8mb). March 1991.

USEPA, 1991b. Role of the Baseline Risk Assessment in Superfund Remedy Selection Decisions. OSWER Directive 9355.0-30. [Local Copy](#) (56kb). April 2, 1991.

USEPA, 1991c. United States Environmental Protection Agency. Test Methods for Evaluating Solid Waste, Volume II, Chapter 11. SW-846. [Local Copy](#) (20kb). 1991, revised 2003.

USEPA, 1991d. U.S. Environmental Protection Agency, Office of Air and Radiation, ISBN No. 0-16-035919-8. Building Air Quality, A Guide for Building owners and Facility Managers. [Local Copy](#) (2.7mb). December 1991.

USEPA, 1991e. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Directive 9285.6-03. Human Health Evaluation Manual, Supplemental Guidance: Standard Default Exposure Factors. Website URL: <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=90181100.txt>. [Local Copy](#) (196kb).

USEPA, 1991f. U.S. Environmental Protection Agency. Management of Investigaton-Derived Wastes During Site Inspections, OERR Directive 9345.3-02. May 1991.

USEPA, 1992. United States Environmental Protection Agency, Office of Solid Waster and Emergency Response. Groundwater Issue - Fundamentals of Ground-Water Modeling. EPA/540/S-92/005. Washington DC. Website URL: <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=10002DP6.txt>. [Local Copy](#) (88kb). April 1992.

USEPA, 1992b. Supplemental Guidance to RAGS: Calculating the Concentration Term. Office of Solid Waste and Emergency Response. OSWER Publication 9258.7-081. Washington D.C. [Local Copy](#) (939kb). May 1992.

USEPA, 1992c. Preparation of Soil Sampling Protocols: Sampling Techniques and Strategies. EPA/600/R-92/128. [Local Copy](#) (2.3mb). July 1992.

USEPA, 1992d. RCRA Ground-Water Monitoring: Draft Technical Guidance. Office of Solid Waste. Washington DC. [Local Copy](#) (2.0mb). November 1992.

USEPA, 1992e. U.S. Environmental Protection Agency. Framework for Ecological Risk Assessment. EPA/630/R-92/001.

USEPA, 1993. United States Environmental Protection Agency Presumptive Remedies: Policies and Procedures. EPA Document No. 540-F-93-047. [Local Copy](#) (86kb). September 1993.

USEPA, 1993b. United States Environmental Protection Agency Presumptive Remedies: Site Characterization and Technology Selection for CERCLA Sites with Volatile Organic Compounds in Soils. EPA Document No. 540-F-93-048. [Local Copy](#) (358kb). September 1993.

USEPA, 1993c. United States Environmental Protection Agency Presumptive Remedy for CERCLA Municipal Landfill Sites. EPA Document No. 540-F-93-035. [Local Copy](#) (472kb). September 1993.

USEPA, 1994. United States Environmental Protection Agency. Photoionization Detector (PID) HNU, SOP# 2114. Website URL: <http://www.dem.ri.gov/pubs/sops/wmsr2114.pdf>. [Local Copy](#) (57kb). Ocober, 6, 1994.

USEPA, 1994b. United States Environmental Protection Agency, Office of Emergency and Remedial Response. Technical Support Document: Parameters and Equations Used in the Integrated Exposure Uptake Biokinetic Model for Lead in Children (v. 0.99d). EPA/540/R-94/040, PB94-963505. Washington, D.C. [Local Copy](#) (928kb). December 1994.

USEPA, 1995. United States Environmental Protection Agency. Rapid Optical Screen Tool (ROST™) - Innovative Technology Verification Report, EPA/540/R-95/519. [Local Copy](#) (82kb). August 1995.

USEPA, 1995b. Superfund Program, Representative Sampling Guidance, Volume 1: Soil. Interim Final. EPA 540/R-95/141, OSWER Directive 9360.4-16, PB96-963207. Website URL: https://clu-in.org/download/char/SF_Rep_Samp_Guid_soil.pdf. [Local Copy](#) (1.1mb). December 1995.

USEPA, 1995c. Superfund Program, Representative Sampling Guidance, Volume 5: Water and Sediment. Interim Final. OSWER Directive 9360.4-16. [Local Copy](#) (2.3mb). December 1995.

USEPA, 1995d. United States Environmental Protection Agency Presumptive Remedy - CERCLA Landfill Caps RI/FS Data Collection Guide . EPA Document No. 540-F-95-009. [Local Copy](#) (67kb). August 1995.

USEPA, 1995e. United States Environmental Protection Agency Presumptive Remedy for Soils, Sediments, and Sludges at Wood Treater Sites. EPA Document No. 540-R-95-128. [Local Copy](#) (270kb). December 1995.

USEPA, 1995f. U.S. Environmental Protection Agency, Office of Air and Radiation, EPA Document # 402-K-93-007. The Inside Story: A Guide to Indoor Air Quality. April 1995.

USEPA, 1996. Organochlorine Pesticides by Gas Chromatography, Method 8081A. [Local Copy](#) (20kb).

USEPA, 1996b. Soil Screening Guidance: Technical Background Document. Publication 9355.4-17A. [Local Copy](#) (68kb). May 1996.

USEPA, 1996c. Soil Gas Sampling, Standard Operating Procedure No. 2042. Washington, D.C. [Local Copy](#) (108kb). June 1996.

USEPA, 1996d. Sampling Ambient Water for Trace Metals at EPA Water Quality Criteria Levels, Method 1669. EPA 821-R-96-011. [Local Copy](#) (763kb). July 1996.

USEPA, 1996e. Recommendations of the Technical Review Workgroup for Lead for an (Interim) Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil. [Local Copy](#) (4.8mb). December 1996 (Revised January 2003.)

USEPA, 1996f. United States Environmental Protection Agency User Guide to the VOCs in Soils Presumptive Remedy. EPA Document No. 540-F-96-008. [Local Copy](#) (158kb). July 1996.

USEPA, 1996g. United States Environmental Protection Agency Presumptive Response Strategy and Ex-Situ Treatment Technologies for Contaminated Ground Water at CERCLA Sites. Final Guidance . EPA Document No. 540-R-96-023. [Local Copy](#) (251kb). October 1996.

USEPA, 1996h. United States Environmental Protection Agency How to Effectively Recover Free Product at Leaking Underground Storage Tank Sites: A Guide for State Regulators. EPA 510-R-96-001. Website URL: <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=100006J5.txt>. [Local Copy](#) (196kb). September 1996.

USEPA, 1996i. United States Environmental Protection Agency Innovative Ground-Water Remediation Technologies: Publications and Conference Proceedings. 1990-1996. Technology Innovation Office. Website URL: <https://clu-in.org/download/remed/qwbib.pdf>. [Local Copy](#) (483kb). November 1996.

USEPA, 1996j. U.S. Environmental Protection Agency, Technology Transfer Network, Ambient Monitoring Technology Information Center, Method 3C, Determination of Carbon Dioxide, Methane, Nitrogen, and Oxygen from Stationary Sources. 1996.

USEPA, 1996k. Silica Gel Cleanup, Method 3630C: U.S. Environmental Protection Agency. [Local Copy](#) (80kb).

USEPA, 1996l. United States Environmental Protection Agency. Soil Screening for Petroleum Hydrocarbons by Immunoassay (SW-846 Method 4030). December, 1996.

USEPA, 1996m. United States Environmental Protection Agency. Soil Screening for Polynuclear Aromatic Hydrocarbons by Immunoassay (SW-846 Method 4035). December, 1996.

USEPA, 1996n. United States Environmental Protection Agency. Screening for Polychlorinated Biphenyls by Immunoassay (SW-846 Method 4020). December, 1996.

USEPA, 1996o. United States Environmental Protection Agency. Screening Test Method for Polychlorinated Biphenyls in Soil (SW-846 Method 9078). December, 1996.

USEPA, 1996p. United States Environmental Protection Agency. Screening Test Method for Polychlorinated Biphenyls in Transformer Oil (SW-846 Method 9079). December, 1996.

USEPA, 1996q. United States Environmental Protection Agency. Soil Screening for Chlordane by Immunoassay (SW-846 Method 4041). December, 1996.

USEPA, 1996r. United States Environmental Protection Agency. Soil Screening for DDT by Immunoassay (SW-846 Method 4042). December, 1996.

USEPA, 1996s. United States Environmental Protection Agency. Soil Screening for Toxaphene by Immunoassay (SW-846 Method 4040). December, 1996.

USEPA, 1996t. United States Environmental Protection Agency. Screening for 2,4-D (in soil or water) by Immunoassay (SW-846 Method 4015). December, 1996.

USEPA, 1996u. United States Environmental Protection Agency. Screening for Pentachlorophenol (in soil and wastewater) by Immunoassay (SW-846 Method 4010A). December, 1996.

USEPA, 1996v. United States Environmental Protection Agency. TNT Explosives in Soil by Immunoassay (SW-846 Method 4050). December, 1996.

USEPA, 1996w. United States Environmental Protection Agency. RDX in Soil by Immunoassay (SW-846 Method 4051). December, 1996.

USEPA, 1996x. United States Environmental Protection Agency. Colorimetric Screening Method for TNT in Soil (SW-846 Method 8515). December, 1996.

USEPA, 1996y. United States Environmental Protection Agency. At USEPA SW-846 Methods site, Method 3050B, Acid Digestion of Sediments, Sludges, and Soils (SW-846 Method 3050B). Website URL: <https://www.epa.gov/sites/production/files/2015-06/documents/epa-3050b.pdf>. December 1996.

USEPA, 1996z. United States Environmental Protection Agency. At USEPA SW-846 Methods site, Method 3052, Microwave Assisted Acid Digestion of Siliceous and Organically Based Matrices (SW-846 Method 3050B). Website URL: <https://www.epa.gov/sites/production/files/2015-12/documents/3052.pdf>. December 1996.

USEPA, 1996za. ECO Update: Identify Candidate Assessment Endpoints Ecological Significance and Selection of Candidate Assessment Endpoints. Website URL: <https://www.epa.gov/sites/production/files/2015-09/documents/v3no1.pdf>.

USEPA, 1997. United States Environmental Protection Agency, National Center for Environmental Assessment (NCEA), Office of Research and Development and Office of Emergency and Remedial Response. Health Effects Assessment Summary Tables. Annual Update. Washington D.C. Website URL: <https://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=2877>.

USEPA, 1997b. Expedited Site Assessment Tools for Underground Storage Tank Sites. A Guide for Regulators. EPA 510-B-97-001. Website URL: <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=100006KD.txt>. [Local Copy](#) (150kb). March 1997.

USEPA, 1997c. Presumptive Remedy: Supplemental Bulletin Multi-Phase Extraction (MPE) Technology for VOCs in Soil and Groundwater. EPA 540-F-97-004, OSWER Directive 9355.0-68FS. Website URL: <https://clu-in.org/download/toolkit/finalapr.pdf>. [Local Copy](#) (240kb). April 1997.

USEPA, 1997d. Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments. Interim Final, EPA 540-R-97-006. [Local Copy](#) (455kb). June 5, 1997.

USEPA, 1997e. Exposure Factors Handbook: U.S. Environmental Protection Agency, Office of Research and Development. EPA/600/P-95/002Fa. [Local Copy](#) (11.0mb). August 1997.

USEPA, 1997f. Toxicological Review of Technical Chlordane (CAS No. 12789-03-6). IRIS database. [Local Copy](#) (385kb). December 1997.

USEPA, 1997g. Method 5035. Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples, Revision 0. December 1996.

USEPA, 1997h. United States Environmental Protection Agency Design Guidelines for Conventional Pump-and-Treat Systems. EPA/540/S-97/504. September 1997.

USEPA, 1997i. Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments. Interim Final. Environmental Response Team. June 5, 1997.

USEPA, 1998. United States Environmental Protection Agency, Office of Research and Development. Innovative Technology Verification Report - Site Characterization Analysis Penetrometer Systems (SCAPS) Technology Report. EPA 600-R-95/520. Washington D.C.. [Local Copy](#) (81kb). March 1998.

USEPA, 1998b. United States Environmental Protection Agency, Office of Solid Waste. Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846 Manual. Revision 5. Washington, D.C. [Local Copy](#) (20kb). April 1998.

USEPA, 1998c. United States Environmental Protection Agency Evaluation of Subsurface Engineered Barriers at Waste Sites. Office of Solid Waste and Emergency Response. EPA 542-R-98-005. Website URL: <https://www.geo-solutions.com/technical-resources/>. [Local Copy](#) (1.7mb). August 1998.

USEPA, 1998d. U.S. Environmental Protection Agency, Superfund Innovation Technology Evaluation Program, EPA/600/R-98/095. Environmental Technology Verification Report: Passive Soil Gas Sampling, W.L. Gore & Associates, Inc., GORE-SORBER® Screening Survey. August, 1998.

USEPA, 1998e. U.S. Environmental Protection Agency, Superfund Innovation Technology Evaluation Program, Contract No. 68-C5-0037; EPA/600/R-98/095. Environmental Technology Verification Report: Soil Gas Sampling Technology Quadrel Services Inc., EMFLUX Soil Gas System. August, 1998.

USEPA, 1998f. U.S. Environmental Protection Agency, Office of Air and Radiation. Building Indoor Air Quality Action Plan, EPA 402-K-98-001. 1998.

USEPA, 1998g. United States Environmental Protection Agency, Office of Solid Waste and Emergency Response. Approach for Addressing Dioxin in Soil at CERCLA and RCRA Sites. OSWER Directive 9200.4-26. [Local Copy](#) (43kb). April 13, 1998.

USEPA, 1998h. U.S. Environmental Protection Agency, Code of Federal Regulations. CFR Part 761.61, PCB Remediation Waste.

USEPA, 1998i. Guidelines for ecological risk assessment. EPA/630/R-95/002F. Website URL: https://www.epa.gov/sites/production/files/2014-11/documents/eco_risk_assessment1998.pdf. May 14, 1998.

USEPA, 1999. Compendium of ERT Groundwater Sampling Procedures. EPA 540/P-91/007. Washington D.C. [Local Copy](#) (20kb). January 1999.

USEPA, 1999b. Compendium of Methods. Second Edition. Technology Transfer Network, Ambient Monitoring Technology Information Center. Washington, D.C. [Local Copy](#) (20kb). January 1999.

USEPA, 1999c. United States Environmental Protection Agency, Environmental Sciences Division. Correct Sampling Using the Theories of Pierre Gy. Las Vegas, NV. [Local Copy](#) (141kb). March 1999.

USEPA, 1999d. United States Environmental Protection Agency, Office of Solid Waste and Emergency Response. The Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tanks Sites. OSWER Directive 9200.4-17P. [Local Copy](#) (278kb). April 21, 1999.

USEPA, 1999e. United States Environmental Protection Agency Phytoremediation Resource Guide. Office of Solid Waste and Emergency Response. EPA 542-B-99-003. [Local Copy](#) (426kb). June 1999.

USEPA, 1999f. United States Environmental Protection Agency Presumptive Remedy for Metals-in-Soil Sites. EPA Document No. 540-F-98-054. [Local Copy](#) (199kb). September 1999.

USEPA, 1999g. United States Environmental Protection Agency Oil/Water Separators. Best Environmental Practices for Auto Repair and Fleet Maintenance. November 1999.

USEPA, 2000. Data Quality Objectives Process for Hazardous Waste Sites: Final Guidance. Office of Environmental Information. EPA/600/R-00/007. [Local Copy](#) (599kb). January 2000.

USEPA, 2000b. Polychlorinated biphenyls (PCBs) (Aroclors). Technology Transfer Network, Air Toxics Web Page. Hazard Summary. [Local Copy](#) (84kb). April 1992 (Revised in January 2000.)

USEPA, 2000c. United States Environmental Protection Agency, Office of Solid Waste and Emergency Response. Engineered Approaches to In-Situ Bioremediation of Chlorinated Solvents: Fundamentals and Field Applications. EPA542-R-00-008. Website URL: <https://clu-in.org/download/remed/engappinsitbio.pdf>. [Local Copy](#) (2.2mb).

USEPA, 2000d. Office of Environmental Information. Guidance for Data Quality Assessment: Practical Methods for Data Analysis, EPA QA/G-9, QA00 Update. EPA/600/R-96/084. Website URL: <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=30003GXE.txt>. [Local Copy](#) (1.7mb). July 2000.

USEPA, 2000e. TRW Recommendations for Sampling and Analysis of Soil at Lead (Pb) Sites: U.S. Environmental Protection Agency, Solid Waste and Emergency Response, EPA 540-F-0-010/OSWER 9285.7-38. April 2000.

USEPA, 2000f. U.S. Environmental Protection Agency Office of Emergency and Remedial Response. User's Guide for the Johnson and Ettinger (1991) Model for Subsurface Vapor Intrusion into Buildings. September 1997 (and updates).

USEPA, 2000g. United States Environmental Protection Agency In-situ Chemical Oxidation for Remediation of Contaminated Soil and Ground Water. Groundwater Currents. Issue 37. Office of Solid Waste and Emergency Response. Website URL: <https://clu-in.org/download/newsletters/gwc0900.pdf>. [Local Copy](#) (79kb). September 2000.

USEPA, 2000h. United States Environmental Protection Agency In-situ Treatment of Soil and Groundwater Contaminated with Chromium. Technical Resource Guide. Office of Research and Development. Website URL: <https://clu-in.org/download/remed/epa625r00005.pdf>. [Local Copy](#) (1.3mb). October 2000.

USEPA, 2000i. Office of Water. Bioaccumulation Testing and Interpretation for the Purpose of Sediment Quality Assessment: Status and Needs. EPA-823-R-00-001. Website URL: <https://nepis.epa.gov/EPA/html/DLwait.htm?url=/Exe/ZyPDF.cgi/20003TQ1.PDF?Dockey=20003TQ1.PDF>.

USEPA, 2001. Using the Triad Approach to Improve the Cost-Effectiveness of Hazardous Waste Site Cleanups in Current Perspectives in Site Remediation and Monitoring. Office of Solid Waste and Emergency Response. EPA 542-R-01-016. Website URL: <https://brownfieldstsc.org/pdfs/triad2.pdf>. [Local Copy](#) (168kb). October 2001.

USEPA, 2001b. United States Environmental Protection Agency, Office of Solid Waste and Emergency Response. A Citizen's Guide to Activated Carbon Treatment. EPA 542-F-01-020. Website URL: <https://clu-in.org/download/citizens/activatedcarbon.pdf>. [Local Copy](#) (533kb). December 2001.

USEPA, 2001c. Risk Assessment Guidance for Superfund (RAGS): Volume I - Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments). Final. [Local Copy](#) (20kb). December 2001.

USEPA, 2001d. United States Environmental Protection Agency. Reuse Assessments: A Tool to Implement the Superfund Land Use Directive. Office of Solid Waste and Emergency Response (OSWER) Memorandum 9355.7-06P. Website URL: <https://clu-in.org/download/toolkit/thirdednew/reuseassesstool.pdf>. [Local Copy](#) (87kb). June 4, 2001.

USEPA, 2001e. United States Environmental Protection Agency A Citizen's Guide To Air Stripping. Office of Solid Waste and Emergency Response. EPA 542-F-01-016. Website URL: https://clu-in.org/download/citizens/a_citizens_guide_to_air_stripping.pdf. [Local Copy](#) (529kb). December 2001.

USEPA, 2001f. United States Environmental Protection Agency. Office of Research and Development. Innovative Technology Verification Report - Field Measurement Technologies for Total Petroleum Hydrocarbons in Soil. Dexsil[®] Corporation PetroFlag[™] System, EPA/600-R-01/09. September 2001.

USEPA, 2001g. United States Environmental Protection Agency. Office of Research and Development. Innovative Technology Verification Report – CHEMetrics, Inc. and AZUR Environmental Ltd RemediAid[™] Total Petroleum Hydrocarbon starter Kit. EPA/600-R-01/082. September 2001.

USEPA, 2001h. United States Environmental Protection Agency. Office of Research and Development. Innovative Technology Verification Report –. Field Measurement Technologies for Total Petroleum Hydrocarbons in Soil siteLAB[®] Corporation, siteLAB[®] Analytical Test Kit UVF-3100A. EPA/600-R-01/080. September 2001.

USEPA, 2001i. U.S. Environmental Protection Agency, Office of Water, Washington, DC. Methods for Collection, Storage and Manipulation of Sediments for Chemical and Toxicological Analyses: Technical Manual. EPA 823-B-01-002. October 2001.

USEPA, 2002. United States Environmental Protection Agency, Technical Review Workgroup for Lead (TRW) Website. Technical Review Workgroup for Lead (TRW) Website, Risk Assessment. [Local Copy](#) (20kb).

USEPA, 2002b. Groundwater Sampling Guidelines for Superfund and RCRA Project Managers. EPA542-S-02-001. [Local Copy](#) (631kb). May 2002.

USEPA, 2002c. United States Environmental Protection Agency, Office of Solid Waste and Emergency Response. Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance). EPA 530-D-02-004. [Local Copy](#) (2.0mb). November 2002.

USEPA, 2002d. United States Environmental Protection Agency, Office of Emergency and Remedial Response. Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. OSWER 9285.6-10. [Local Copy](#) (950kb). December 2002.

USEPA, 2002e. United States Environmental Protection Agency, Office of Solid Waste and Emergency Response. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. OSWER 9355.4-24. [Local Copy](#) (2.2mb). December 2002.

USEPA, 2002f. Guidance on Choosing a Sampling Design for Environmental Data Collection (for Use in Developing a Quality Assurance Project Plan). EPA QA/G-5S. Office of Environmental Information. EPA/240/R-02/005. [Local Copy](#) (1.0mb). December 2002.

USEPA, 2002g. Guidance for Quality Assurance Project Plans. EPA QA/G-5. Office of Environmental Information. EPA/240/R-02/009. [Local Copy](#) (402kb). December 2002.

USEPA, 2002h. Method 5035A. Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples, Draft Revision 1. July 2002.

USEPA, 2002i. Office of Solid Waste and Emergency Response. User's Guide for the Integrated Exposure Uptake Biokinetic Model for Lead in Children: U.S. Environmental Protection Agency, EPA 540-K-01-005.

USEPA, 2003. Determinative Chromatographic Separations, EPA SW-846 Method 8000C. Revision 3. [Local Copy](#) (20kb). March 2003.

USEPA, 2003b. Guidance for Obtaining Representative Laboratory Analytical Subsamples from Particulate Laboratory Samples, EPA/600/R-03/027. Website URL: https://clu-in.org/download/char/epa_subsampling_guidance.pdf. [Local Copy](#) (2.9mb). November 2003.

USEPA, 2003c. U.S. Environmental Protection Agency, National Exposure Research Laboratory, Environmental Sciences Division. Sample Holding Time Reevaluation, EPA/600/R-05/124. Website URL: http://www.epa.gov/esd/cmb/research/bs_033cmb06.pdf. October 2003.

USEPA, 2004. United States Environmental Protection Agency, Office of Solid Waste and Emergency Response. Treatment Technologies for Site Clean-up: Annual Status Report (Eleventh Edition). EPA 542-R-03-009. [Local Copy](#) (5.0b). February 2004.

USEPA, 2004b. How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites - A Guide for Corrective Action Plan Reviewers. EPA 510-R-04-002. [Local Copy](#) (20kb). May 2004.

USEPA, 2004c. Site Characterization Technologies for DNAPL Investigations. EPA 542-R-04-017. Solid Waste and Emergency Response (5102G). [Local Copy](#) (2.9mb). September 2004.

USEPA, 2004d. Region IX. Preliminary Remediation Goals. [Local Copy](#) (82kb). October 2004.

USEPA, 2004e. User's Guide for the Johnson and Ettinger (1991) Model for Subsurface Vapor Intrusion into Buildings. EPA 68-W-02-33, WA No. 004, PN 030224. Washington, DC. [Local Copy](#) (1.3mb). February 22.

USEPA, 2004f. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. User's Guide for Subsurface Vapor Intrusion into Buildings. February 2004.

USEPA, 2004g. Office of Science and Technology. Washington, D.C. The Incidence and Severity of Sediment Contamination in Surface Waters of the United States, Volume 1: National Sediment Quality Survey: Second Edition, EPA 823-R-04-007. November 2004.

USEPA, 2005. United States Environmental Protection Agency, Office of Emergency and Remedial Response. Groundwater Sampling and Monitoring with Direct Push Technologies. EPA 540/R-04/005, OSWER 9200.1-51 (5204G). Website URL: <https://clu-in.org/download/char/540r04005.pdf>. [Local Copy](#) (1.3mb). August 2005.

USEPA, 2005b. USEPA Region 9 Technical Guidelines for Accurately Determining Volatile Organic Compound (VOC) Concentrations in Soil and Solid Matrices, R9QA/05.2. December 2005

USEPA, 2005c. United States Environmental Protection Agency Perchlorate Treatment Technology Update. Federal Facilities Forum Issue Paper. Office of Solid Waste and Emergency Response. EPA 542-R-05-015. Website URL: <https://clu-in.org/download/remed/542-r-05-015.pdf>. [Local Copy](#) (2.5mb). May 2005.

USEPA, 2005d. Generic Ecological Assessment Endpoints (GAEs) for Ecological Risk Assessment. Website URL: http://www.epa.gov/raf/publications/pdfs/GENERIC_ENDPOINTS_2004.pdf.

USEPA, 2005e. Procedures for the Derivation of Equilibrium Partitioning Sediment Benchmarks (ESBs) for the Protection of Benthic Organisms: Metal Mixtures (Cadmium, Copper, Lead, Nickel, Silver, and Zinc). EPA-600-R-02-011. January 2005.

USEPA, 2005f. Office of Solid Waste and Emergency Response. Contaminated Sediment Remediation Guidance for Hazardous Waste Sites. (EPA-540-R-05-012, OSWER 9355.0-85). Website URL: <http://www.epa.gov/superfund/resources/sediment/guidance.htm>.

USEPA, 2005g. Ecological Soil Screening Level. Website URL: <https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents>. Accessed September 2018.

USEPA, 2006. United States Environmental Protection Agency, Office of Environmental Information. Data Quality Assessment: A Reviewer's Guide. EPA QA/G-9R, EPA/240/B-06/002. [Local Copy](#) (259kb). February 2006.

USEPA, 2006b. United States Environmental Protection Agency, Office of Environmental Information. Guidance on Systematic Planning Using the Data Quality Objectives Process. EPA QA/G-4, EPA/240/B-06/001. [Local Copy](#) (1.7mb). February 2006.

USEPA, 2006c. On the Computation of a 95% Upper Confidence Limit of the Unknown Population Mean Based Upon Data Sets with Below Detection Limit Observations. EPA/600/R-06/022. Website URL: https://cfpub.epa.gov/si/si_public_record_Report.cfm?dirEntryID=150528. [Local Copy](#) (741kb). March 2006.

USEPA, 2006d. Nitroaromatics, Nitramines, and Nitrate Esters by High Performance Liquid Chromatography (HPLC), Revision 2, SW846 Methods, Method 8330B. [Local Copy](#) (285kb). October 2006.

USEPA, 2006e. All Appropriate Inquires Rule: Reporting Requirements and Suggestions on Report Content. Brownfields Fact Sheet. EPA 560-F-06-244. [Local Copy](#) (46kb). November 2006.

USEPA, 2006f. In-Situ Treatment Technologies for Contaminated Soils - Engineering Forum Issue Paper. EPA 542/F-06/013. [Local Copy](#) (940kb). November 2006.

USEPA, 2006g. Office of Environmental Information, Washington, DC. Data Quality Assessment: Statistical Methods for Practitioners, EPA QA/G-9S. EPA/240/B-06/003.

USEPA, 2007. CLU-IN database of Characterization and Monitoring, Field Analytic Technologies. Website URL: <https://clu-in.org/char/technologies/>.

USEPA, 2007b. ProUCL Version 4.0 software. Software for calculating Upper Confidence Limits. Website URL: <https://www.epa.gov/esd/tsc/software.htm>.

USEPA, 2007c. USEPA Integrated Risk Information System (IRIS). Website URL: <https://www.epa.gov/iris>.

USEPA, 2007d. United States Environmental Protection Agency Research Advances Monitored Natural Attenuation (MNA) Techniques for Effective Site Cleanup. Office of Research and Development. [Local Copy](#) (128kb). September 2007.

USEPA, 2007e. U.S. Environmental Protection Agency, EPA/600/R-07/141. Investigation of the Influence of Temporal Variation on Active Soil Gas/Vapor Sampling. December 2007.

USEPA, 2007f. U.S. Environmental Protection Agency, Office of Solid Waste, SW-846 Manual, Washington, D.C. Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (Revision 5). February 2007 (and updates).

USEPA, 2007g. United States Environmental Protection Agency, At USEPA SW-846 Methods site. Method 6200, Field Portable X-Ray Fluorescence Spectrometry for the Determination of Elemental Concentrations in Soil and Sediment (SW-846 Method 6200). February 2007.

USEPA, 2007h. United States Environmental Protection Agency. Turbidimetric Screening Method for Total Recoverable Petroleum Hydrocarbons in Soil (SW-846 Method 9074). February 2007.

USEPA, 2007i. United States Environmental Protection Agency. Screening Solid Samples for Volatile Organics (SW-846 Method 3815). February 2007.

USEPA, 2007j. United States Environmental Protection Agency. Triazinine Herbicides as Atrazine in Water by Quantitative Immunoassay (SW-846 Method 4670). February 2007.

USEPA, 2007k. United States Environmental Protection Agency. Pentachlorophenol in Soil by UV-Induced Colorimetry. (SW-846 Method 8540). February 2007.

USEPA, 2007l. United States Environmental Protection Agency. At USEPA SW-846 Methods site, Method 3051A, Microwave Assisted Acid Digestion of Aqueous Samples and Extracts (SW-846 Method 3051A). Website URL: <https://www.epa.gov/sites/production/files/2015-12/documents/3051a.pdf>. February 2007.

USEPA, 2008. Superfund Innovative Technologies Evaluation (Site) Program for Monitoring and Characterization Technologies. Website URL: https://cfpub.epa.gov/si/si_public_record_report.cfm?dirEntryId=56160.

USEPA, 2008. Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Third Edition, as updated by Updates I, II, IIA, IIB, III, IIIA, IIIB, IVA and IVB. EPA Test Method SW-846 (Online). Website URL: <https://www.epa.gov/epawaste/hazard/testmethods/sw846/online/index.htm>.

USEPA, 2008b. U.S. Environmental Protection Agency, May 29, 2008, prepared by Oak Ridge National Laboratories. Screening Levels for Chemical Contaminants. Website URL: <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>. September 2008.

USEPA, 2008c. United States Environmental Protection Agency Engineering Issue, Indoor Air Vapor Intrusion Mitigation Approaches. Office of Research and Development. National Risk Management Research Laboratory. EPA/600/R-08-115. Website URL: <https://clu-in.org/download/char/600r08115.pdf>. [Local Copy](#) (523kb). October 2008.

USEPA, 2008d. U.S. Environmental Protection Agency, Office of Air and Radiation. Indoor Air Quality Building Education and Assessment Model. Website URL: <https://www.epa.gov/indoor-air-quality-iaq/indoor-air-quality-building-education-and-assessment-model>. October 2008.

USEPA, 2008e. U.S. Environmental Protection Agency, Office of Pesticide Programs. Reregistration Eligibility Decision for Pentachlorophenol. [Local Copy](#) (973kb). September 25, 2008.

USEPA, 2008f. United States Environmental Protection Agency. Performance of the CAPE Technologies DF1 Dioxin/Furan Immunoassay Kit for Soil and Sediment Samples (SW-846 Method 4025). Website URL: http://www.cape-tech.com/SITE_Program_Phase_2_final_report.pdf. February 2008.

USEPA, 2008g. Office of the Science Advisor, Risk Assessment Forum. Framework for Application of the Toxicity Equivalence Methodology for Polychlorinated Dioxins, Furans, and Biphenyls in Ecological Risk Assessment, EPA/100/R-08/004. June 2008.

USEPA, 2009. U.S. Environmental Protection Agency, EPA/600/R-09/073. Vertical Distribution of VOCs in Soils from Groundwater to the Surface/Subslab. August 2009.

USEPA, 2010. United States Environmental Protection Agency. Test Methods for Evaluating Solid Waste, Physical/Chemical Methods. SW-846 Third Edition and Update IV. Website URL: <http://www.epa.gov/epawaste/hazard/testmethods/sw846/online/index.htm>. June 2010.

USEPA, 2010b. United States Environmental Protection Agency Institutional Controls: A Guide to Planning, Implementing, Maintaining, and Enforcing Institutional Controls at Contaminated Sites, Interim Final. Office of Solid Waste and Emergency Response. EPA-540-R-09-001. [Local Copy](#) (735kb). November 2010.

USEPA, 2010c. U.S. Environmental Protection Agency Office of Research and Development, National Exposure Research Laboratory. Vertical Distribution of VOCs in Soils from Groundwater to the Surface/Subslab, Soil Vapor Probe Equilibration Study. March 2010.

USEPA, 2010d. U.S. Environmental Protection Agency, Office of Research and Development, National Exposure Research Laboratory. Vertical Distribution of VOCs in Soils from Groundwater to the Surface/Subslab, Stratification of VOCs in Groundwater & Soil Vapor Probe Equilibration Study. August 2010.

USEPA, 2010e United States Environmental Protection Agency Best Management Practices: Use of Systematic Project Planning under a Triad Approach for Site Assessment and Cleanup. Website URL: <https://clu-in.org/download/char/EPA-542-f-10-010.pdf>. September 2010.

USEPA, 2011. United States Environmental Protection Agency Air Sparging Overview. Technology Innovation and Field Services Division. Website URL: https://clu-in.org/techfocus/default.focus/sec/Air_Sparging/cat/Overview/.

USEPA, 2011b. United States Environmental Protection Agency Bioremediation of Chlorinated Solvents Overview. Technology Innovation and Field Services Division. Website URL: <https://clu-in.org/techfocus/default.focus/sec/Bioremediation/cat/Overview/>.

USEPA, 2011c. United States Environmental Protection Agency In-Situ Oxidation Overview. Technology Innovation and Field Services Division. Website URL: https://clu-in.org/techfocus/default.focus/sec/In_Situ_Oxidation/cat/Overview/.

USEPA, 2011d. U.S. Environmental Protection Agency, Office of Research and Development, EPA/600/R-090/052F. Exposure Factors Handbook. Website URL: <https://www.epa.gov/expobox/exposure-factors-handbook-2011-edition>. September 2011.

USEPA, 2011e. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, EPA 530-R-10-001. Background Indoor Air Concentrations of Volatile Organic Compounds in North American Residences (1990–2005): A Compilation of Statistics for Assessing Vapor Intrusion. June 2011

USEPA, 2012. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, EPA 530-R-10-002. EPA's Vapor Intrusion Database: Evaluation and Characterization of Attenuation Factors for Chlorinated Volatile Organic Compounds and Residential Buildings. March 2012.

USEPA, 2012b. U.S. Environmental Protection Agency, prepared by Oak Ridge National Laboratories. Screening Levels for Chemical Contaminants. Website URL: <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>. 2012.

USEPA, 2012c. United States Environmental Protection Agency, Office of Solid Waste and Emergency Response. Recommendations for Default Value for Relative Bioavailability of Arsenic in Soil. OSWER 9200.1-113. [Local Copy](#) (38kb). December 2012.

USEPA, 2012d. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, D.C. EPA 530-R-10-003. Conceptual Model Scenarios for the Vapor Intrusion Pathway. February 2012.

USEPA, 2013. U.S. Environmental Protection Agency, Office of Underground Storage Tanks, EPA 510-R-13-001. Evaluation of Empirical Data to Support Soil Vapor Intrusion Screening Criteria for Petroleum Hydrocarbon Compounds. January 2013

USEPA, 2013b. U.S. Environmental Protection Agency, Office of Research and Development. ProUCL Version 5.0.00 User Guide, Statistical Software for Environmental Applications for Data Sets with and without Nondetect Observations, EPA/600/R-07/041. September 2013.

USEPA, 2013c. U.S. EPA Region 4 Technical Services Section. U.S. EPA Region 4 Technical Services Section Issue Paper for Polychlorinated Biphenyl Characterization at Region 4 Superfund and RCRA Sites. February 28, 2013.

USEPA, 2014. U.S. Environmental Protection Agency, Region 4, Science and Ecosystem Support Division. SESDPROC-202-R3. Management of Investigation Derived Waste. July 2014.

USEPA, 2014b. United States Environmental Protection Agency. Screening for PCDD/PCDFs by Immunoassay. (SW-846 Method 4025). July 2014.

USEPA, 2014c. United States Environmental Protection Agency. Screening for Dioxin-like Chemical Activity in Soils and Sediments using CALUX Bioassay and TEQ Determination. (SW-846 Method 4435). July 2014.

USEPA, 2014d. United States Environmental Protection Agency. At USEPA SW-846 Methods site, Method 6010B, Inductively Coupled Plasma – Mass Spectrometry (SW-846 Method 6010B). Website URL: <https://www.epa.gov/sites/production/files/documents/6010b.pdf>. July 2014.

USEPA, 2014e. U.S. Environmental Protection Agency, Office of Research and Development. Passive Samplers for Investigations of Air Quality: Method Description, Implementation, and Comparison to Alternative Sampling Methods, EPA/600/R-14/434. December 2014.

USEPA, 2015. U.S. Environmental Protection Agency, prepared by Oak Ridge National Laboratories. Screening Levels for Chemical Contaminants. November 2015.

USEPA, 2015b. U.S. Environmental Protection Agency, Region 4, Science and Ecosystem Support Division. SESDPROC-205-R3. Field Equipment Cleaning and Decontamination. December 2015.

USEPA, 2015c. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, D.C., OSWER Publication 9200.2-154. Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. Website URL: <https://www.epa.gov/sites/production/files/2015-09/documents/oswer-vapor-intrusion-technical-guide-final.pdf>. June 2015.

USEPA, 2015d. U.S. Environmental Protection Agency, Office of Underground Storage Tanks. Technical Guide for Addressing Petroleum Vapor Intrusion at Leaking Underground Storage Tank Sites, Washington, D.C., EPA 510-R-15-001. Website URL: <https://www.epa.gov/sites/production/files/2015-06/documents/pvi-guide-final-6-10-15.pdf>. June 2015.

USEPA, 2015e. Determination of the Biologically Relevant Sampling Depth for Terrestrial and Aquatic Ecological Risk Assessments. EPA/600/R-15/176. October 2015.

USEPA, 2016. Office of Water. National Recommended Water Quality Criteria: 2016. Website URL: <http://water.epa.gov/scitech/swguidance/standards/criteria/current/index.cfm>.

USEPA, 2016b. Risk Assessment Forum. EPA/100/F15/005. Generic Ecological Assessment Endpoints (GAEs) for Ecological Risk Assessment: Second Edition with Generic Ecosystem Services Endpoints added. Website URL: https://www.epa.gov/sites/production/files/2016-08/documents/geae_2nd_edition.pdf. July.

USEPA, 2018. United States, Environmental Protection Agency. Superfund CLP National Functional Guidelines for Data Review. EPA.GOV. Website URL: <https://www.epa.gov/clp/contract-laboratory-program-national-functional-guidelines-data-review>. Accessed September 2018

USEPA, 2018b. Risk Assessment Guidelines. Website URL: <https://www.epa.gov/risk/risk-assessment-guidelines>. Accessed October 2018.

USEPA/DoD/DOE, 2005. Uniform Federal Policy for Quality Assurance Project Plans. Final Version. EPA-505-B-04-900A; DoD: DTIC ADA 427785. Website URL: https://www.epa.gov/sites/production/files/documents/ufp_qapp_v1_0305.pdf. March 2005.

USEPA/SERDP/ESTCP, 2017. Office of Research and Development, Washington, DC 20460. Laboratory, Field, and Analytical Procedures for Using Passive Sampling in the Evaluation of Contaminated Sediments: User's Manual. EPA/600/R-16/357. Website URL: <https://serdp-estcp.org/News-and-Events/Blog/National-Guidance-Documents-on-Use-and-Application-of-Passive-Samplers>.

USFWS, 2018. U.S. Fish & Wildlife Service. Recovery Plans Search. Website URL: <http://www.fws.gov/endangered/species/recovery-plans.html>. January 16, 2018.

USFWS, 2018b. U.S. Fish & Wildlife Service. Listing and Critical Habitat. Website URL: <https://www.fws.gov/endangered/what-we-do/critical-habitats.html>. July 19, 2018.

USGS, 2001. United States Geological Survey. User's Guide for Polyethylene-Based Passive Diffusion Bag Samplers to Obtain Volatile Organic Compound Concentrations in Wells—Part 2—Field Tests. Report 01-4061. Columbia, SC. [Local Copy](#) (8.5mb).

USGS, 2002. Book 9, Handbooks for Water-Resources Investigations - National Field Manual for the Collection of Water-Quality Data - Chapter A2: Selection of Equipment for Water Sampling. Version 2. Website URL: https://water.usgs.gov/owq/FieldManual/Chapter2/Chapter2_V2uncompressed.pdf. [Local Copy](#) (5.9mb). March 2002.

USGS, 2005. National Field Manual for the Collection of Water-Quality Data, Book 9, Handbooks for Water-Resources Investigations, Chapter A8, Bottom-Material Samples. Version 1.1. Website URL: <https://water.usgs.gov/owq/FieldManual/Chapter8/508Chap8final.pdf>. [Local Copy](#) (432kb). June 2005.

USGS, 2006. U.S. Geological Survey. Surficial sediment character of the Louisiana offshore continental shelf region: A GIS Compilation. U.S. Geological Survey Open-File Report 2006-1195. Website URL: <http://pubs.usgs.gov/of/2006/1195/html/docs/nomenclature.htm>.

USGS, 2008. USGS Water Resources: National Research Program (NRP). Fractured rock hydrology. Website URL: <https://water.usgs.gov/nrp/proj.bib/hsieh.html>. December 2008.

USGS, 2008b. "USGS Toxic Substances Hydrology Program". Photograph Source. Website URL: <https://toxics.usgs.gov/pubs/FS-087-00/img3.jpg>. December 2008.

USGS, 2014. U.S. Department of the Interior, U.S. Geological Survey. Geochemical and Mineralogical Maps for Soils of the Conterminous United States, Open-File Report 2014-1082.

USGS, 2016. U.S. Department of the Interior, U.S. Geological Survey. Perchlorate and Selected Metals in Water and Soil within Mount Rushmore National Memorial, South Dakota, 2011-15. Reston, VA. Scientific Investigations Report 2016-5030.

USGS, 2018. U.S. Geological Survey. National field manual for the collection of water-quality data: U.S. Geological Survey Techniques of Water-Resources Investigations, book 9, chaps. A1-A10. Website URL: <http://pubs.water.usgs.gov/twri9A>. Accessed September 2018.

USNLM, 2016. National Center for Biotechnology Information. Phenylmercuric Acetate. U.S. National Library of Medicine. PubChem Open Chemistry Database. (Accessed June 2, 2016)

Van den Berg, et al., 1998. Van den Berg, M., L. Birnbaum, A.T.C. Bosveld, B. Brunstrom, P. Cook, M. Feeley, J.P. Giesy, A. Hanberg, R. Hasegawa, S.W. Kennedy, T. Kubiak, J.C. Larsen, F.X. Rolaf van Leeuwen, A.K. Djien Liem, C. Nolt, R.E. Peterson, ... T. Zacharewski. Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife. Environmental Health Perspective, Volume 106, No. 12. December 1998.

Vroblesky, D.A., ed., 2001. User's Guide for Polyethylene-Based Passive Diffusion Bag Samplers to Obtain Volatile Organic Compound Concentrations in Wells—Part 2—Field Tests: United States Geological Survey Water-Resources Investigations, Report 01-4061, variously paged.

Walton, W.C, 1970. Groundwater Resource Evaluation. New York: McGraw-Hill. [Local Copy](#) (20kb).

Wenning et al., 2011. Wenning, R. J., L. Martello, A. Prusak-Daniel, N. W. Beyer and J. P. Meador, CRC Press: 103-168. Dioxins, PCBs, and PBDEs in Aquatic Organisms. Environmental Contaminants in Biota: Interpreting Tissue Concentrations, 2nd Edition.

WHO, 2004. World Health Organization. Asphalt (bitumen); Concise International Chemical Assessment Document Number 59.

WHO, 2005. (van den Berg, M. et al.): World Health Organization. The 2005 World Health Organization Re-evaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds. Website URL:

<https://academic.oup.com/toxsci/article/93/2/223/1707690>. [Local Copy](#) (301kb). (ToxSci Advance Access published July 7, 2006).

Wilson et al., 1996. Wilson, A.L., Colome, S.D., Tian, t., Becker, E.W., Baker, P.E., Behrens, D.W., Billick, I.H., and C.A. Garrison, Journal of Exposure Analysis and Environmental Epidemiology, 6, 311-326. California Residential Air Exchange Rates and Residence Volumes. 1996.

Woodward-Clyde Consultants, 1994. Kure Atoll Scrap Metal Dump Ecological Risk Assessment. Final Report to U.S. Coast Guard. 248 pages. January 1994.

Yates, D.S., Moore, D.S. and Starnes, D.S., 2003. (2nd edition): W.H. Freeman and Company, New York, NY. The Practice of Statistics.

Yeskis et al., 1988. Yeskis, D., K. Chiu, S. Meyers, J. Weiss and T. Bloom. A Field Study of Various Sampling Devices and Their Effects on Volatile Organic Contaminants. Proceedings of the Second National Outdoor Action Conference on Aquifer Restoration, Ground Water Monitoring and Geophysical Methods, National Water Well Association. [Local Copy](#) (20kb). May 1988.

Zemo, D., 2008. Assessment of Potential Toxicity Posed by Polar Byproducts Resulting from Biodegradation of Petroleum Hydrocarbons Hickam Air Force Base, Pearl City, Hawaii.

Zemo, et al., 1995 Zemo, D., Bruya, J. and T. Graf. The Application of Petroleum Hydrocarbon Fingerprint Characterization in Site Investigation and Remediation: Groundwater Monitoring and Remediation, pp 147-156. Website URL: <http://onlinelibrary.wiley.com/doi/10.1111/j.1745-6592.1995.tb00526.x/abstract>. Spring 1995.

Zemo, et al., 2008. Zemo & Associates LLC. Supporting technical letter to Mr. Jeff Hart, TEC Inc., Honolulu for groundwater sampling at Hickam AFB, (available from HDOH HEER Office). July 22, 2008.

Zemo, et al., 2013. Zemo, D.A., O'Reilly, K.T., Mohler, R.E., Tiwary, A.K., Magaw, R.I. and K.A. Synowiec,. Nature and Estimated Human Toxicity of Polar Metabolite Mixtures in Groundwater Quantified as TPHd/DRO at Biodegrading Fuel Release Sites, Groundwater Monitoring & Remediation, DOI: 10.1111/gwmr.12030. Website URL: <http://onlinelibrary.wiley.com/doi/10.1111/gwmr.12030/abstract>. [Local Copy](#) (722kb). September 20, 2013.

Zheng, et al. 2011. Zheng, W. D., J. Lichwa, et al. Impact of different land uses on polycyclic aromatic hydrocarbon contamination in coastal stream sediments. Chemosphere84(4): 376-382.
