

## Lisa Rodenburg Publications (\* - author is a current or former student of mine)

1. **Rodenburg, L.A.**; Du, S.; Lui, H.; Guo, J.; Oseagulu, N.; and Fennell, D. E. Evidence for dechlorination of polychlorinated biphenyls and polychlorinated dibenzo-p-dioxins and – furans in wastewater collection systems in the New York metropolitan area. *Environ. Sci. Technol.* **2012**, *46*, 6612–6620.
2. Sandy, A.L.\*; Guo, J.\*; Miskewitz, R.J.; McGillis, W.R.; **Rodenburg, L.A.** Fluxes of polychlorinated biphenyls volatilizing from the Hudson River, New York measured using micrometeorological approaches. *Environ. Sci. Technol.* **2012**, *46*, 885-891.
3. **Rodenburg, L.A.**; Du, S.\*; Xiao, B.; Fennell, D.E. Source Apportionment of Polychlorinated Biphenyls in the New York/New Jersey Harbor. *Chemosphere.* **2011**, *83*, 792–798.
4. Park, J-W.; Krumins, V.; Kjellerup, B.V.; Fennell, D. E.; **Rodenburg, L.A.**; Sowers, K.R.; Kerkhof, L.J.; Häggblom, M. M. The effect of co-substrate activation on indigenous and bioaugmented PCB dechlorinating bacterial communities in sediment microcosms. *Appl. Microbiol. Biotechnol.* **2011**, *89*, 2005-2017.
5. **Rodenburg, L.A.**; Fennell, D.E.; Du, S.\*; Cavallo, G.J. Evidence for Widespread Dechlorination of Polychlorinated Biphenyls in Groundwater, Landfills, And Wastewater Collection Systems. *Environ. Sci. Technol.* **2010**, *44*, 7534-7540.
6. Cwiertny, D.; Arnold, W.A.; Kohn, T.; **Rodenburg, L.A.**; Roberts, A.L. Reactivity of Alkyl Polyhalides toward Granular Iron: Development of QSARs and Reactivity Cross Correlations for Reductive Dehalogenation. *Environ. Sci. Technol.* **2010**, *44*, 7928–7936.
7. **Rodenburg, L.A.**; Valle, S. N.; Panero, M. A.; Munoz, G. R.; Shor, L. M. Mass Balances on Selected Polycyclic Aromatic Hydrocarbons (PAHs) in the New York/New Jersey Harbor. *Journal of Environmental Quality.* **2010**, *39*, 642-653.
8. **Rodenburg, L.A.**; Guo\*, J.; Du\*, S.; Cavallo, G.J. Evidence for Unique and Ubiquitous Environmental Sources of 3,3'-dichlorobiphenyl (PCB 11). *Environ. Sci. Technol.* **2010**, *44*, 2816–2821. DOI: 10.1021/es901155h
9. Krumins, V.; Park, J.W.; Son, E.K.; **Rodenburg, L.A.**; Kerkhof, L.J.; Häggblom, M.M.; Fennell, D.E. PCB Dechlorination Enhancement in Anacostia River Sediment. *Water Research.* **2009**, *43* (18), 4549-4558.
10. Du\*, S; Wall\*, SJ; Cacia\*, D; **Rodenburg, LA.** Passive Air Sampling for Polychlorinated Biphenyls in the Philadelphia, USA Metropolitan Area. *Environ. Sci. Technol.* **2009**, *43*, 1287-1292.
11. Du\*, S; Belton, T. J.; **Rodenburg, L.A.** Source Apportionment of PCBs in the Tidal Delaware River. *Environmental Science and Technology.* **2008**, *42*, 4044–4051.
12. Zarnadze\*, A.; **Rodenburg, L.A.** Water Column Concentrations and Partitioning of Polybrominated Diphenyl Ethers in the New York/New Jersey Harbor, USA. *Environmental Toxicology and Chemistry.* **2008**, *27* (8), 1636–1642. DOI: 10.1897/07-619
13. Polidori, A.; Turpin, B. J.; Davidson, C. I.; **Rodenburg, L. A.**; Maimone, F. Organic PM<sub>2.5</sub>: Fractionation By Polarity, FTIR Spectroscopy, And OM/OC Ratio For The Pittsburgh Aerosol. *Aerosol Science and Technology.* **2008**, *42*(3), 233-246.
14. Yan, S.; **Rodenburg, L. A.**; Dachs, J.; Eisenreich, S. J. Seasonal air-water exchange fluxes of polychlorinated biphenyls in the Hudson River Estuary. *Environmental Pollution.* **2008**, *152*, 443-451. doi:10.1016/j.envpol.2007.06.074

15. Du\*, S.; **Rodenburg, L. A.** **Source Identification of Atmospheric PCBs** in Philadelphia/Camden Using Positive Matrix Factorization Followed by the Potential Source Contribution Function. *Atmospheric Environment*. **2007**, *41*, 8596–8608.
16. Asher, B. J.; Wong, C. S.; **Rodenburg, L. A.** **Chiral Source Apportionment of Polychlorinated Biphenyls** To The Hudson River Estuary Atmosphere And Food Web. *Environmental Science and Technology*. **2007**, *41*, 6163-6169.
17. Rowe\*, A. A.; **Totten, L. A.**; Cavallo, G. J.; Yagecic, J. R. **Watershed Processing of Atmospheric Polychlorinated Biphenyl Inputs.** *Environmental Science and Technology*. **2007**, *41*, 2331-2337.
18. Rowe\*, A. A.; **Totten, L. A.**; Xie, M.; Fikslin, T. J.; Eisenreich, S. J. **Air-water exchange of polychlorinated biphenyls** in the Delaware River. *Environmental Science and Technology*. **2007**, *41*, 1152-1158.
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21. **Totten, L.A.**; Panangadan\*, M.; Eisenreich, S.J.; Cavallo, G.J.; Fikslin, T.J. **Direct and Indirect Atmospheric Deposition of PCBs** to the Delaware River Watershed. *Environmental Science and Technology*. **2006**, *40* (7), 2171-2176.
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24. **Totten, L. A.**; Gigliotti, C. L.; VanRy, D. A.; Offenber, J. H.; Nelson, E. D.; Dachs, J.; Reinfelder, J. R.; Eisenreich, S. J. **Atmospheric Concentrations and Deposition of PCBs** to the Hudson River Estuary. *Environ. Sci. Technol.* **2004**, *38*, 2568-2573.
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