

## Plume-Related Studies

### DOH Reports and Other Publications Related to DOH Projects:

1. [An Investigation of the Surface Water contamination Potential From On-Site Sewage Disposal Systems \(OSDS\) in the Turkey Creek Sub-Basin of the Indian River Lagoon Basin.](#) Project funded by: St. Johns River Water Management District SWIM Project IR-1-110.1-D. Florida Department of Health and Rehabilitative Services (HRS) Contracts No. LP114 and LP596 February 1993. (Ayres Associates, 1993).
2. [Investigation of the surface water contamination potential from On-site Wastewater Treatment Systems \(OWTS\) in the Indian River Lagoon Basin.](#) IN: On-site Wastewater Treatment. Proceedings of the Seventh International Symposium on Individual and Small Community Sewage Systems. Pp. 154- 163. (McNeillie, et al. 1994).
3. [Groundwater and Nutrient Dynamics On A Strip Barrier Island Served by On-Site Sewage Treatment and Disposal Systems in the Northeastern Gulf of Mexico \(Corbett, et al. 1999\) + the second part of the report](#)
4. [The spatial variability of nitrogen and phosphorus concentration in a sand aquifer influenced by onsite sewage treatment and disposal systems: a case study on St. George Island, Florida.](#)
5. [Determination of an Appropriate Onsite Sewage System Setback Distance to Seasonally Inundated Areas.](#) Contract Numbers CO036, CO037, CO038. Florida Department of Health. (Brown, et al. 2001).
6. [Manatee Springs: Onsite Sewage Treatment and Disposal System Study: Phase I](#) (Roeder, 2004).
7. [Where does it go? Effluent transport in karst observed at two onsite sewage systems](#) (Roeder, et al. 2005).
8. [What tracers can tell about effluent transport to and in groundwater](#) (Roeder, 2006).
9. [Evaluation of Onsite Sewage Treatment and Disposal Systems in Shallow Karst Terrain](#) (Harden, et al. 2008).
10. [Multiple Nitrogen Loading Assessments from Onsite Waste Treatment and Disposal Systems Within the Wekiva River Basin Wekiva Study Area, Florida](#) (Aley, 2007).
11. [C-HS1 Monitoring Data Summary Report No. 4 – Florida Onsite Sewage Nitrogen Reduction Strategies Study. Task C.25 Progress Report](#) (Hazen and Sawyer, 2011).
12. [C-HS2 Monitoring Data Summary Report No. 4 – Florida Onsite Sewage Nitrogen Reduction Strategies Study. Task C.25 Progress Report](#) (Hazen and Sawyer, 2013).
13. [C-HS3 Monitoring Data Summary Report No. 4 – Florida Onsite Sewage Nitrogen Reduction Strategies Study. Task C.25 Progress Report](#) (Hazen and Sawyer, 2013).
14. [C-HS4 Monitoring Data Summary Report No. 4 – Florida Onsite Sewage Nitrogen Reduction Strategies Study. Task C.25 Progress Report](#) (Hazen and Sawyer, 2013).
15. [GCREC Mound Draft Site Summary and Close -Out Report. Task C. 26](#) (Hazen and Sawyer, 2015).
16. [Florida Onsite Sewage Nitrogen Reduction Strategies Study](#) (FDOH, 2015) pp 230 ff.

### Related Reports by Other Entities:

15. [Contaminant Transport Investigation from an Onsite Wastewater Treatment System \(OWTS\) in Fine Sand](#) (Ayres Associates, 1996).

16. [Investigation of an Onsite Wastewater Treatment System in Sandy Soil: Modeling the Fate of Surfactants](#) (McAvoy et al. 2002).
17. [Investigation of an Onsite Wastewater Treatment System in Sandy Soil: Site Characterization and Fate of Anionic and Nonionic Surfactants](#) (Nielsen, et al. 2002).
18. [OSDS Impacts on the St. Lucie River and Indian River Lagoon \(Year II\) – Final Project Report](#) (Belanger and Price, 2007).
19. [The Importance of OSTDS Contaminant Loading to the IRL](#) (Belanger, 2009).
20. [Preliminary evaluation of septic tank influences on nutrient loading to the Lower St. Johns River Basin and its Tributaries](#) (Belanger, et al. 2011).