

GRANTS AWARDED

1. **Burchell, M.R.**, W.F. Hunt, G.M. Chescheir, and A. Graves. Long-term Water Quality Performance of a Coastal Infiltration System. \$118,775. NCDOT. 08/2009 – 12/2010.
Role - Lead PI
2. Jennings, G. and **M.R. Burchell**. Selected Production of Stream and Wetland Restoration Related Work, and Maintenance of Sites Identified and Managed Under the EEP. \$300,000. NCDENR. 07/2009 – 06/2012. *Note this grant is partially funded for work by the Lead PI – Dr. Greg Jennings. Additional work by Burchell may be requested in future task orders, at which time the role will move to PI.
Role – co-PI
3. **Burchell, M.R.**, W.F. Hunt, and K.L. Bass. Stormwater BMPs and LID Measures to Protect Coastal Waters Near Eagle Point Golf Club. \$24,000. New Hanover County Planning Department. 12/2008-01/2010
Role – Lead PI
4. **Burchell, M.R.**, W.F. Hunt, and G.M. Chescheir. Reducing Stormwater Flows and Pollution from Ocean Outfalls at Kure Beach, NC Using Dune Infiltration Systems. \$129,475. NCDOT. 08/2008-11/2009.
Role – Lead PI
5. **Burchell, M.R.**, W.F. Hunt, and K.L. Bass. Innovative Integrated Stormwater BMP Approach for the Town of Manteo, NC. \$10,000. North Carolina Coastal Federation. 07/2008-11/2008. This is not listed in RADAR. Grant amended a previously existing grant - LID Feasibility, Design, and Implementation at Cape Lookout National Seashore, with Dr. William Hunt.
Role – Lead PI
6. **Burchell, M.R.**, D. Osmond, C. Moorman, D. Line, M. Youssef, O. Duckworth, R. Huffman, J. Spooner, D. Penrose, G. Grabow, and K. Hall. Conservation Reserve Enhancement Program (CREP) Riparian Buffer Monitoring. \$719,102. NCDENR. 04/2008-12/2010. Was an extension of grant #13 + \$252,550 new funds.
Role – Lead PI
7. **Burchell, M.R.** and W.F. Hunt. Kure Beach Dune Infiltration System. \$42,322. WRI. 03/2007-08/2008.
Role – Lead PI
8. Evans, R.O., S.W. Broome, **M.R. Burchell**, K.L. Bass, and M. Vepraskas. Research at North River Farms Phase II Wetland Restoration. \$200,000. NCDENR-NCEEP. 01/2007-03/2009. Note – this grant does not appear in RADAR, but this amount amended an existing award (AW03007).
Role-PI

9. Evans, R.O., G.Grabow, **M.R. Burchell**, K.L. Bass, and C.A. Perrin. Design and Evaluation of Channelized Stream Restoration Alternatives in the Crisp Creek Watershed. \$266,724. NCDENR-NCEEP. 07/2006-12/2008.
Role -PI
10. **Burchell, M.R.** W.F. Hunt III, and J.T. Smith. Kure Beach Dune Infiltration System. \$98,455. NCDOT/ITRE. 05/2005 – 02/2007.
Role-PI
11. Evans, R.O., K.L. Bass, and **M.R. Burchell**. Monitoring of water quality impacts of controlled drainage, stream and wetlands restoration in the Core Creek watershed. \$20,000. Craven County. 11/2004-10/2005.
Role - Collaborator
12. C.A. Perrin, W.F. Hunt, and **M.R. Burchell**. Restoring the Burnt Mill Creek Watershed through Stormwater Management and Community Involvement. \$465,544. NCDENR- USEPA 319 Program. 11/2004-10/2007.
Role-Co-PI
13. **Burchell, M.R.**, D. Line, D. Osmond, R.O. Evans, J. Parsons, J.W. Gilliam, G. Grabow J. Spooner, C. Moorman, and K. Hall. Conservation Reserve Enhancement Program (CREP) Environmental Monitoring. \$1,200,000. NCDENR. 01/2004 – 12/2007.
Role - Lead PI
14. **Burchell, M.R.** and W.F. Hunt. Implementation and Monitoring of Two Priority Stormwater Best Management Practice (BMP) Projects for the New Hanover County, NC Local Watershed Plan. \$54,997. New Hanover County, NC (through USEPA). 11/2003 – 11/2005.
Role – PI
15. Evans, R.O., Bass, K.L. and **M.R. Burchell**. Core Creek Stream and Riparian Wetland BMPs. \$26,630. Craven County, NC. from CWMTF. 09/2003 – 09/2004.
Role - Co-PI
16. G. Grabow, R.O. Evans., T.H. Shear, S.W. Broome, M. Vepraskas, G. Jennings and **M.R. Burchell**. North River Wetlands Restoration – Phase I. \$921,026. (\$604,232 to BAE) NC Wetlands Restoration Program (WRP). 08/2002- 12/2006. Note: Did not write grant, but led day-to day operations from May 2003. Grant #8 above amended this grant for a total of \$1,121,026, as indicated in RADAR.
Role - PI (added post-award)

Amount awarded as Lead PI - \$1,777,122

Additional amount awarded as PI (does not include grant 16) - \$620,176

Total amount awarded-Lead PI, PI, or co-PI (does not include grant 2, 16) -\$2,889,472

PENDING

1. Birgand, F. and **M.R. Burchell**. Quantification of In-stream Water Quality Benefits of a Restored Coastal Marsh. \$166,000. NCDENR – USEPA 319 Program. Will be awarded 01/2010.

Role-PI

2. **Burchell, M.R.**, G.M. Chescheir, M. Youssef, F. Birgand, R.O. Evans, and K.L. Bass. Hydrologic Impacts of Re-routing Drainage Water through a Historical Restored Wetland. \$55,075. NCCF. Submitted 11/2008. Pending contract.

Role-Lead PI

Total amount pending- Lead PI or PI - \$221,075