	WEF Design Competition Historical Information						
WEFTEC YEAR	**Sponsors**	**Award**	**PLACE**	**TEAM**	**TEAM MEMBERS**	**ADVISOR**	**PROJECT TITLE**
2012	Black & Veatch, CDM Smith, HDR, Greeley and Hansen	$2,500	1st	University of Colorado Boulder Wastewater Division	Kristin Johansen, Maria Cabeza, Matthew Huntze, Bailey Leppek, Alexandra Murray	Dr. Angela Bielefeldt	Broadmoor Park Properties Wastewater Treatment Plant Improvements
2012		$1,500	2nd	Ryerson University Wastewater Division	Nicholas Jones, Natasha Niznik, Daniel Baena	Dr. Manuel Alvarez Cuenca	Expansion of Port Dover WPCP
2012		$1,000	3rd	University of South Florida Wastewater Division	Robert Gaylord, Justin Terry, Matthew Munz, Esteban Zajia, Yasmin Eskandari	Sarina Ergas	Hillsborough County Noprthwest Biosolids Improvements
2012		$750	4th	Southern Methodist University Wastewater Division	Ingrid Castillo, Patricia Coogan, Amy Heldenbrand	Professor Fritz Beck	Weatherford WWTP Master Plan
2012		$2,500	1st	University of South Florida Environmental Division	Danielle Bertini, Micah Blate, Lyudmila Haralampieva, Emily Patrick	Sarina Ergas	Ragan Park by Green Solutions
2012		1,500	2nd	North Carolina State University Environmental Division	Kirk Spicer, Matthew Woelfle, Ruth Small, Katie Dorety	Dr. Detlef Knappe	Stormwater Best Management Practices Retrofit, Durham Plaza, Durham NC
2012		$1,000	3rd	University of North Dakota Environmental Division	Kevin Young, Tanush Wadhawan, Mitchell Swanson, Jacob Strombeck, Leslee Storlie, Ashley Roder, Joseph Rezac, Race Rolland, Michael Quamme, Abdul Namrou, Ruchi Joshi, Steven Jensen, Clifford Halvorson, Alysa Emerson	Dr. Harvey Gullicks	Feasibility of Landfill Gas Recovery in the Grand Forks, ND Landfill
2012		$750	4th	Virginia Military Institute Wastewater Division	Patrick Sexton, Thomas Battiata, John Partin, Peter Kniesler, Peerawat Noon Charuwat	Timothy Moore	Conceptual design for the treatment of wastewater generated at a medical center locted in town of Baptiste, Haiti
2012				University of Illinois at Urbana-Champaign Environmental Division	Alyssa Sohn, Chinedu Onyejekwe, John Watson, Kevin Weyant	J Bruce Litchfield	Sustainable Water Development for Rural Nigeria
2012				North Dakota State University Wastewater Division	Alysa Emerson, Clifford Halvorson, Steven Jensen, Ruchi Joshi, Abdul Namrou, Michael Quamme, Joseph Rezac, Ashley Roder, Race Rolland, Jacob Strombeck, Leslee Storlie, Mitchell Swanson, Tanush Wadhawan, Kevin Young	Dr. Wei Lin	Achieving Low Level Nitrogen and Phosphorus Concentrations in the Moorhead WWTP Effluent
2012				University of Utah Wastewater Division	Nicholas Jones, Natasha Niznik, Daniel Baena	Dr. Manuel Alvarez Cuenca	Expasion of Port Dover WPCP
2011	Black & Veatch, CDM, Greeley and Hansen, HDR, Wigen Water Technologies	$2,500	1st	University of Wyoming - Wastewater Division	Darrin Harris, Emily Huth, Colin Reinert, Afiya Walker	Dr. Jonathan Brant	Preliminary Design for Upgrading the Littleton / Englewood Wastewater Treatment Plant for Phorphorus Removal
2011		$1,500	2nd	Utah State University - Wastewater Division	Riley Bradshaw, Diana Priubble, Camilla Snow	Dr. Ryan Dupont	Logan Wastewater Treatment Lagoons: Phosphorus Recution Alternatives
2011		$1,000	3rd	Southern Methodist University - Wastewater Division	Allison Reinert, Mary Moore, Jill Matus, Sarah Shepard	Mr. Fritz Beck and Ms Julie Ellis	Reevaluation of Biosolids Handling Operations at the Dos Rios Water Recycling Center
2011		$750	4th	University of North Florida - Wastewater Division	Mike Williams, Dustin Dykes, Anthony Gennette	Dr. Chris Brown	JEA Southwest Wastewater Treatment Facility Alternative Effluent Disposal Evaluation and Plan
2011		$2,500	1st	University of Florida - Environmental Division	Javier Briz, Jake Diamond, Emenderson, Xavier Rios, Jackie Martin, Robert Compton, Yuan Gan, Mallory Peterson	Dr. John Sansalone, P.E.	Stormwater Cycling Design Options in an Urban Industrial Watershed
2011		$1,500	2nd	University of Illinois, Urbana - Champaign - Environmental Division	Jacob Becraft, Jason Freeck, Yana Genchanok, Marika Nell	Dr. Charles Werth	Use of Bone Char for the Removal of Arsenic and Uranium from Groundwater at the Pine Ridge Reservation
2011		$1,000	3rd	North Dakota State University - Environmental Division	Jason Baker, Clifford Halvorson, Steven Jensen, Anthony LaFontain, Abdul Namrou, Leslee Storlie, Jacob Strombeck, Tanush Wadhawan, Kevin Young	Dr. Wei Lin	Water and Environmental Issue Due to Oil Production in North Dakota
2011				University of Guelph - Wastewater Division	Alexandra Chan, Adam Erb, Cynthia Mason	Dr. Hongde Zhou	Acton Wastewater Treatment Plant Expansion
2011				University of North Dakota - Wastewater Division	Tyler Myers, Ross Mullen, Jordan Geiger	Dr. Charles Moretti	Digester Retrofit to Produce Class B Biosolids
2011				Virginia Tech - Wastewater Division	Brandon Flora, Mark Rogers, Amanda Sain	Dr. John Novak	Preliminary Engineering Report for the Springfield Pump Station 11 Service Area Evaluation
2010	Black & Veatch, CDM, Greeley and Hansen, Parsons Brinckerhoff	$2,500	1st	Southern Methodist University - Wastewater Division	Ruthanne Bruch, Valerie Lemmons, Shannon Silveira	Juliene Ellis - Team Sponsor	Settler's Village Wastewater Treatment Plant Expansion
2010		$2,500	1st	University of Florida - Environmental Division	Stacey Smich, Haley Carter, Marie-Odile Fortier, Joseph Delesantro, Timothy English, Adam Marquez, Julie Midgette, David Brooks, Darryl Marois, Viet Nguyen, Wilton Mui	Dr. John Sansalone	Green Infrastructure Design for Pollutant Control From Transport Systems Crossing Land-Water Interfaces - A Bridge too Far?
2010		$1,000	2nd	Ryerson University - Wastewater Division	Nancy Afonso, Ruston Bedasie, Kirill Cheiko, Andrew Iammatteo	Dr. Manuel Alvarez-Cuenca	Port Darlington WPCP Expansion Proposal
2010		$1,000	2nd	University of Illinois - Urbana Champaign - Environmental Division	Ian Bradley, Anthony Straub, Alyssa Sohn, Paul Folwarski	Dr. Thanh H. (Helen) Nguyen	Removal of Waterborne Viruses Using Iron-Amended Biosand Filters
2010		$750	3rd	Colorado State University - Wastewater Division	Andrew Case, Stephen Goodwin, Lucas Loetscher, Sophie McKee	Dr. Ken Carlson	Assessment of Future Treatment Strategies for the Denver Water Department
2010		$750	3rd	University of North Dakota - Environmental Division	Brian Kistner, James Norberg, Ross Mullen, Tyler Myers, Hasibul Hasan	Dr. Harvey Gullicks, P.E.	Membrane Brine Reuse
2010		$500	4th	University of South Florida - Wastewater Division	Madelyn Rubin, Angela Krause	Linda Phillips	Design of a Waste Treatment Solution for the Colcapirhua Municipal Matadero
2010		$500	4th	University of Waterloo - Environmental Division	Barry O'Doherty, Brittney Martin, Andrew Ward, Peter Lin, Brendan McDonald, Prashant Shekhar, Prasahnt Sivarajah	Dr. Eric Prouzet	Portable Self Cleaning TiO2 Water Filter
2010				North Dakota State University - Wastewater Division	Jason Baker, Daniel Berthe, Anthony LaFontain, Daniel Portlock, Jacob Strombeck, Tanush Wadhawan	Dr. Wei Lin	Solids Handling Modifications to the Grand Forks Waste Water Treatment Plant
2010				South Dakota State University - Wastewater Division	Chris Olson, Dan Julson, Brittni Stephens, Rahul Potineni, Nabin Basnet, Sadichya Amatya, Ujwal Pandey, Maythem Faris, Hannaa Faris, Grzegorz Brudecki, Iwona Cybulska, Jesse Decoteau	Dr. Christopher Schmit	Design of Membrane Bioreactor for the Cuity of Sioux Falls
2010				Virginia Tech - Wastewater Division	Daniel Hingley, Ritika Kacker, Mark Miller, Sheldon Masters, Kartik Radhakrishnan	Dr. John Novak	Preliminary Engineering Report for the 2 MGD Strasburg Sewage Treatment Plant Expansion

	Black & Veatch, CDM, CH2M HILL, Greeley and Hansen, Malcolm Pirnie, Parsons, MWH	$2,500	1st	University of Colordao - Boulder - Wastewater Division	Leanne Miller, Sean Aronson, Rishabh Iyer, John Craven, Bradley Short, Jayson Ellis	Dr. Angela Bielefeldt	Robert W. Hite Treatment Facility: South Complex Secondary Treatment Upgrade, Denver, CO
2009		$2,500	1st	University of Florida - Environmental Division	Ruben Kertesz, Kerrilynn Maccarone, Saurabh Raje, Karl Seltzer, Michele Siminari, Peter Simms, Brandon	Dr. John Sansalone	Green Infrastructure and LID Design for a Florida Constructed Environs Subject to Rainfall-Runoff Loadings
2009		$1,000	2nd	University of Toronto - Wastewater Division	Tony Tsui, Lyutfiye (Luccia) Gafarova, Sherif Kinawy, Rafiq Qutub	Dr. Barry Adams	Design of the Rosebank Sewate Pumping Station, Pickering, Ontario
2009		$1,000	2nd	University of Minnesota - Environmental Division	Adam Both, Steve Hankey, Eric Hettler, Greta Schmalle	Dr. Julian Marshall	Engineers Without Borders: Water Supply in Rural Uganda
2009		$750	3rd	University of Florida - Wastewater Division	Tejas Bhamburkar, Hwan Chul Cho, Victoriano de Jesus, Matthew Joiner, Eelhard Meneses, Vanessa Pineda, Katherine Roark	Dr. John Sansalone	A Reclaimed Water Design for Combined Rainfall-Runoff and Wastewater Loadings
2009		$500	4th	Southern Methodist University - Wastewater Division	Drew M. Aleto, Angellia M. Chandler	Dr. Jim Yu	Biological Nutrient Removal Design for Trinity River Authority's Central Regional Wastewater System Treatment Plant
2009				Iowa State University - Wastewater Division	Daniel Fleege, Samual Coter, Sara Schmeig, Andrew Sindt	Dr. Say-Kee Ong	Clinton, Iowa Combined Sewer Overflow and Stormwater Management Solutions
2009				North Dakota State University - Wastewater Division	Michael Vipond, David Johnson, Eric Gunderson, Jacob Strombeck, Aaron Voller, Leif Sande, Courtney Homan, Audra Poehls, Patrick Dunlap, Tony Hafner, David Weam, Corey Bjornberg, Boone Maruska	Dr. Wei Lin	Wastewater Reclamation: Securing a Future for West Fargo
2009				South Dakota State University - Wastewater Division	Chris Olson, Jen Nelson, Lisa Snyders, Michael Leuthold, Dan Julson Sadichy Amatya, Nabin Basnet, Rahul Chowdary, Grzegorz Brudecki, Iwona Cybulska, Sean Sielor	Dr. Christopher Schmit	Evaluation of Solids Thickening Alternatives for a Municipal Wastewater Treatment Plant
2009				University of Wisconsin - Madison - Wastewater Division	Nick Bartolerio, Daniel Bauknecht, Joshua Gable, Michael Sargent, Hiroko Yoshida, Kevin Ziolo	Dr. Jae (Jim) Park	The Application of Co-Digestion in Madison, WI and Surrouding Comunities
2009				Utah State University - Wastewater Division	Jon Farrell, Andrew Hobson, Dustin Hansen, Anna Gentry	Dr. Ryan DuPont	Coalville Water Reclamation Facility Expansion
2008	Black & Veatch, CDM, CH2M HILL, Greeley and Hansen, Hazen and Sawyer, Malcolm Pirnie, Parsons, MWH	$3,000	1st	University of Florida	Felipe Behrens, Anthony Centurione,Matthew Diamond, Brendan McGrath, Laila Salter, Molly Scheiner	Dr. John Sansalone	Design Alternatives for the Tallahassee Reclaimed Water District
		$2,000	2nd	North Dakota State University	Christopher B. Hill, Corey Bjornberg, Dustin Dale, Patrick Dunlap, Kyle Fitterer, Scott Kolbinger, Eric Gunderson; Aaron Volmer, Paul Vukonich, Michale Vipond, Kristin Moorhouse, Daniel Portlock, Zachary B. Muraska, Dustin Dale, Leif Sande	Dr. Wei Lin	Sustainable Design: Upgrading the Grand Forks Wastewater Treatment Facility
2008		$1,500	3rd	University of Wisconsin - Madison	Joe Klett, Chanel Kass, Jonas Balistreri, Tracey Cadkin	Jim Park	Application of Reed Beds in Nine Springs WWTP, Madison, Wisconsin
2008		$1,000	4th	Illinois Institute of Technology	Mark Rokita, Dhesikan Venkatesan, Algirdas Bielskus	Dr. Krishna Pagilla	Sustainable Water Supply and Distribution System for Pignon, Haiti
2008				University of Illinois - Urbana Champaign	Bin Guo, Hossain Azam, James Meissen, Xiaofeng Ye, Xinyu Zhang	Dr. Eberhard Morgenroth	Retrofit of Wastewater Treatment Plant for Biological Nitrogen Removal
2008				University of Wyoming	Jason Anderson, Luke Darnell, Louis Engels, Matt Scarborough, Tyler Smits	Mike Urynowicz	Upgrading the South Water Reclamation Facility at Erie, CO
2008				Iowa State University	Steven Dickey, Dan Fleege, Bruno Orticelli	Dr. Say K Ong	Biological Phosphorus Removal at the Marshalltown, Iowa Wastewater Treatment Plant
2008				Virginia Tech	Sarita Banjade, Archana Subramaniam, Matt Chan, Charan Tanneru, Yaofu Zhang	Dr. John Novak	Development of a Reuse Plan for the New Kent County Parham Landing Wastewater Treatment Facility
2008				Texas Tech University	Nick Landes, Darryl Low, Kasey Hart, Ryan Marshall, Rishina Dobhal, Ulrika Van Niekerk		Peak Wet Weather Flor Alternative Treatment
2007	CDM, CH2M HILL, Greeley and Hansen, and MWH	$2,000	Tie for 1st	University of Florida (STAR Gators)	Ken Friedman, Sachin Gadekar, Stephanie Henry, Wendi Leanhardt, Rebecca McLarty, Deborah Rhoden, Katrina Roberts, Christian Schmidt	Dr. John Sansalone	Design Alternatives for the Expansion of the South Tampa Area Reclaimed Prohect (STAR) in Tampa, Florida
2007		$2,000	Tie for 1st	North Dakota State University	Christopher Hill, Corey Bjornberg, Matt Baker, Zachary Maruska, Dustin Dale, Brian Gaddie, Marja Ekola, Celia Norgaard	Dr. Wei Lin	Design for the Future: Upgrade of an Existing HOP-AS Process
2007		$900	2nd	University of Florida (Squadra Tre)	Ruth Burney, Mark Depaul, Nan Feng, Heath Hardy, John Palenchar, Fernando Parra-Ferro, Elizabeth Watson	Dr. John Sansalone	Design Alternatives for the Expansion of the South Tampa Area Reclaimed Prohect (STAR) in Tampa, Florida
2007		$750	3rd	Virginia Tech	Gaurav Bansai, Sam Hardin, Karthik Manchala, Rachel Methvin, Roberta Niemietz	Dr. Nancy G. Love	Liquid Side Treatment Options for the Proposed Lawnes Point Subdivision
2007				Iowa State University	Xi Jiang, Po-Heng (Henry) Lee, Thanapong (Jack) Dunagmanee, Yashodhara Kambam, Ryan Townsend	Dr. Shihwu Sung	Upgrading Ames Water Pollution control Facility
2007				University of Illinois	Amanda Olsen, Andy Lenkaitis, Dan Koch, Greg Byard, Greg Goodwin, Hoe Good, Stephan Anderson, Jacob Mitchell, Malia Appleford, Brandon Kocher, Luke Zwilling	Dr. Prasanta Kalita	An Innovative System for Bioremediation of Contaminants in Surface Waters
2006	CDM, CH2M HILL, HDR, MWH	$2,500	1st	Unviersity of Florida	Diane Bennett, Teri Liermann, Gautam Kini, Mauricio Arias	Dr. John Sansalone	Orange County Utilities Northwest Reclamation Facility: Expansion Proposal
2006		$1,000	2nd	Virginia Tech (Team 1)	Jeffrey Sparks, Mike Fessler, Francisco Cubas Suazo, Rebecca Lattyak	Dr. Nancy G. Love	Evaluation of the New Kent County Parham Landing Wastewater Treatment Facility for Expansion and Upgrading
2006		$750	2nd	North Dakota State University	Haley Watson, Christopher Hill, Matt Baker, Corey Bjornberg, Zach Maruska, Taylor Amiot, Ben Jilk, Ben Julson, Jake Kuntz, Adam Wilson	Dr. Wei Lin and Dr.Eakalak Khan	Design of Sanitary Sewer Overflow Management System, for Fargo, North Dakota
2006		$500	4th	University of South Florida	Karen Lowe, Ana Garcia, Timothy Ware, Virgil Versaggi	Dr. Audrey Levine	Orange County Utilities Northwest Reclamation Facility: Expansion Proposal
2006				Northwestern University	Jennifer Kessler, Crystal Lee, Anne Mikelonis, Debra Weissman	George Sprouse & Joe Fitzpatrick	Improved Wastewater Treatment in Portobelo, Panama
2006				Virginia Tech (Team 2)	Jeremy Guest, Jason Beck, Heather Johnson, Catherine Kely, Angel Johnny Velasquez	Dr. Nancy G. Love	Evaluation of the New Kent County Parham Landing Wastewater Treatment Facility for Expansion and Upgrading

	WEF Design Competition Historical Information						
2005	CDM, CH2M HILL, HDR, MWH	$2,500	1st	University of South Florida	John Maloney, Scott Richards, Andrew Koebel, Jessica Garner	Dr. Audrey D. Levine, P. E.	Feasibility Analysis of Alternatives for the Royal Lakes WWTP: TMDLs, Reuse, or Decommission
2005		$1,000	2nd	Virginia Tech	Lauren Zuravnsky, Christopher Wilson, David Borys, Passkorn Khanthongthip	Dr. Nancy Love, Dr. John Novak	Evaluation of Biosolids Management Options for the city of Richmond's Wastewater Treatment Plant
2005		$700	3rd*	University of Wisconsin at Platteville	Bob Doeringsfeld, Brian Veit, Brett Gee	Dr. Max Anderson, PhD, PE, DEE	Assessment of Stormwater Management Needs for Potosi, WI
2005		$700	3rd*	North Dakota State University	Jarrod Breuer, Adam McGill, Nathan S. Miller, Ratpukdi Thunyalux	Dr. Wei Lin and Dr. Eakalak Khan	Control of Struvite Formation in Anaerobically Digested Sludge Supernatant at the city of Bismarck Wastewater Treatment Facility
2004	Black & Veatch, CDM, CH2M HILL, HDR, Kennedy/Jenks Consultants, MWH	$2,500	1st	University of Washington	Linda Gaulke	Dr. David Stensel	Reducing methanol Requirements for the LOTT Biological Nutrient Removal Wastewater Treatment Plant
2004		$1,000	2nd	University of Central Florida	Jeff Flairty, Jesus Garcia, Teri Carson, Susan Ehring, Boyd Jenkins	Debra Reinhart	Aerobic Digestion System Design Alternatives for West Palm Beach, Florida
2004		$750	3rd	North Dakota State University	Brent Hanson, Jason Lind, Murthy Kasi, Waylon Erdman, Brajesh Gautam, Mathew Beard	Dr. Wei Lin	Evaluation of Hydrogen Sulfide Control for the City of Fargo
2004		$500	4th	State University of New York at Buffalo	Daniel Milewski, Jason Golubski, Jason Sciandra, Nathan Simon	Dr. Alan J. Rabideau, Ph. D, P.E.	Evaluation of Solids Handling Alternative for a Western New York Wastewater Facility
2003	Black & Veatch, CDM, CH2M HILL, MWH	$2,500	1st	University of Central Florida	Michelle Hanson, Brenda Keenan, Mimi Perez Falcon	Debra Reinhart	Biosolids Treatment and Disposal Alternatives for Altamone Springs, Florida
2003		$1,000	2nd	State University of New York at Buffalo	Daniel Milewski, Jason Golubski, Jason Sciandra, Lisa Gwiazdowski, Nathan Simon	Dr. Alan J. Rabideau, Ph. D, P.E.	The Enhanced Feasibility Study of the AVM - Gowanda Inactive Hazardous Waste Site
2003		$750	3rd	University of Florida	Heath Wintz, Courtney Skinner, Veronica Sgro, Brent Weidenhamer, Tyler Evertt, John Dottellis		Biosolids Treatment and Disposal Alternatives for Altamone Springs, Florida
2003		$500	4th	Massachussetts Institute of Technology	Adriana Rodriguez	Francis Hopcroft	Cost Effective Dairy Wastewater Remediation Through Mechanical and Biochemical Filtering
2002			1st	State University of New York at Buffalo	Daniel Brown, Howard Kellick, Jean Balent, and Samuela Franceschini	Dr. Alan J. Rabideau, Ph. D, P.E.	Source Water Study for Letchworth State Park
2002			2nd	University of Florida	Brent Burford, Elizabeth O'Brien, Jennifer Hobbs, Shanna Ratnesar, and Yvonne Vander		
2002			3rd	University of Wisconsin	Daphne Eder, Jason Grimm, Kevin Schubert and Sean Von Bergen		
2002			4th	University of Arkansas	Shada Roberts		Lakeview Estates Subdivision: Water and Wastewater Layout