



## WATER MANAGEMENT

### Publications and Presentations by KERAMIDA Professionals

#### Books:

1. Keramida, V. "Water Quality and Waste Treatment Technologies." Chapter in Environmental Science for Lawyers textbook to be published by the American Bar Association.

#### Publications and Presentations:

##### 2010

1. Belcredi, K. and Schifo, J. "Water Quality Laws, Regulations & Reports." American Foundry Society - Foundry Environmental 101-10 Seminar. Nashville, TN. August 2010.
2. Zbonick, D. "Storm Water Wars: EPA/IDEM Strike Back." KERAMIDA - 2010 *Day at the Park* Workshop. Indianapolis, IN. May 2010.
3. Zbonick, D. "SPCC: The Extension Stops Here." KERAMIDA - 2010 *Day at the Park* Workshop. Indianapolis, IN. May 2010.
4. Zbonick, D. "SWPPP/SPCC Updates." IMAA - 2010 Winter Workshops. Carmel, IN. February 2010.

##### 2009

1. Keramida, V. and Schifo, J. "Water Quality." American Foundry Society - Environmental 101 Conference. Nashville, TN. February 2009.
2. Zbonick, D. "Water Management in the Foundry." American Foundry Society - Environmental 101 Conference. Nashville, TN. February 2009.

##### 2008

1. Nelson, A. "Environmental 101 SPCC & SWPPP." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
2. Chelf, D. "Form R, Tier II and Hazardous Waste Reporting." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
3. Nelson, A. "Environmental 101 Waste." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
4. Melnyk, I. "Integrated SPCC and SWP3." KERAMIDA Training Workshop for Candle-lite. Leesburg, OH. July 2008.
5. Belcredi, K., KERAMIDA, Sanders, L., Honda Transmission Manufacturing, and Morrison, J., Ohio EPA. "SPCC & Storm Water Management and Compliance." Manufacturers' Education Council - 18<sup>th</sup> Annual Environment Permitting in Ohio Conference. Columbus, OH. July 2008.
6. Nelson, A. "SPCC & SWPPP Training." KERAMIDA Training Workshop for Copeland Corp. Rushville, IN. April 2008.
7. Belcredi, K. "Stormwater and SPCC Requirements." KERAMIDA Training Workshop for Cummins. Columbus, OH. April 2008.

8. Schifo, J. "Water Quality." American Foundry Society - Environmental 101 Seminar. Atlanta, GA. February 2008.
9. Keramida, V. "Water Management in the Foundry." American Foundry Society - Environmental 101 Seminar. Atlanta, GA. February 2008.

## 2007

1. Belcredi, K., KERAMIDA and Bryant, R., NIBCO, Inc. "Stormwater and SPCC Requirements: Compliance Strategies." American Foundry Society - 19<sup>th</sup> Environmental Health & Safety Conference. Nashville, TN. October 2007.
2. Nelson, A. "SWPPP Training." KERAMIDA Training Workshop for Richmond Casting Co. Richmond, IN. October 2007.
3. Belcredi, K., KERAMIDA, and Sanders, Lee, Honda Transmission Manufacturing of America, Inc. "Stormwater and SPCC Requirements: Compliance Strategies." Manufacturers' Education Council - 17<sup>th</sup> Annual Conference on Air & Water Permits: *Environmental Permitting in Ohio*. Columbus, OH. July 2007.
4. Nelson, A. "SPCC and SWPPP Training." KERAMIDA Training Workshop for Cargill Dry Corn Ingredients. Hammond, IN. June 2007.
5. Belcredi, K., KERAMIDA and Klaas, J., Wabash Valley Power Association. "Storm Water & SPCC Solutions: EPA Guidance & No Exposure Exclusion." Manufacturers' Education Council - 16<sup>th</sup> Annual Business and Industry's EHS Symposium. Cincinnati, OH. March 2007.
6. Belcredi, K. "Stormwater & SPCC Requirements: The Basics and an Update." NIBCO Corporation - EHS Conference. 2007.

## 2006

1. Klaas, J., KERAMIDA and Bengochea, M., Citizens Gas & Coke Utility. "Keeping it Simple... Best Management Practices to Ensure Compliance with SPCC and Storm Water Requirements and Practical Implementation Options." Manufacturers' Education Council - 15<sup>th</sup> Annual Business and Industry's EHS Symposium. Cincinnati, OH. March 2006.
2. KERAMIDA Training Staff. "SPCC & SWPPP Training." KERAMIDA Training Workshop for Copeland Corporation. Rushville, IN. March 2006.
3. Nelson, A. "SPCC and SWPPP Training." KERAMIDA Training Workshop for Cargill Dry Corn Ingredients. Hammond, IN. 2006.
4. Schifo, J. "McWane Environmental Compliance Audit Program: Water Section." KERAMIDA Training Workshop for McWane Inc. 2006.
5. Keramida, V. American Foundry Society - Environmental 101 Course. Taught Water Pollution Section for the 2-day Course, offered in Chicago (2000), Sacramento (2000), Indianapolis (2001), Chicago (2002), Chicago (2003), Chicago (2004), Atlanta (2006).

## 2003

1. Keramida, V., Rarick, T., Belcredi, K., Gremos, A., Hogan, T., and Zabonick, D. "Technical Information Transfer Symposium." KERAMIDA's Annual Workshop. 2-day seminar. Indianapolis, IN. October 2003.

## 2002

1. Belcredi, K. "Hazardous Materials." American Foundry Society - Environmental 101 Course. Taught Hazardous Materials Section for the 2-day Course, offered in Chicago (2000), Sacramento (2000), Indianapolis (2001), and Chicago (2002).

## 2001

1. Keramida, V. "Water Permitting in the New Millennium." American Foundry Society - Annual Environmental, Health & Safety Conference. August 2001.
2. Keramida V. "Industry's Approach to Wastewater Pollution Trading." U.S. Army Industrial Ecology Information Exchange Conference. July 2001.

3. Hogan, T. "Getting Your Feet Wet in Water & Wetlands." Indiana American Water Management Association. May 2001.

#### 1997

1. Keramida, V. "Technical Issues in Complying with the Clean Water Act." Part of the 3-day Environmental Regulation Course sponsored by Executive Enterprises, Inc. Indianapolis, IN. April 1997.

#### 1996

1. Keramida, V. "Technical Issues in Complying with the Clean Water Act." Part of the 3-day Environmental Regulation Course sponsored by Executive Enterprises, Inc. Indianapolis, IN. December 1996.
2. Keramida, V. "The Great Lakes Initiative: Comparison of Water Quality Criteria under Various Federal and State Programs." Environmental Quality Control Workshop. Summer 1996.
3. Keramida, V. "The Great Lakes Initiative: It's Impact on Industry." Indiana Water Pollution Control Association - Annual Conference. 1996.

#### 1995

1. Keramida, V. "Technical Issues in Complying with the Clean Water Act." Part of the 3-day Environmental Regulation Course sponsored by Executive Enterprises, Inc. Indianapolis, IN. December 1995.

#### 1994

1. Keramida, V. "Technical Issues in Complying with the Clean Water Act." Part of the 3-day Environmental Regulation Course sponsored by Executive Enterprises, Inc. Indianapolis, IN. December 1994.
2. Keramida, V. "The Clean Water Act - Technical Aspects." Environmental Regulation Course, sponsored by Executive Enterprises. Michigan. October 1994.
3. Keramida, V. "Technical Issues in Complying with the Clean Water Act." Part of the 3-day Environmental Regulation Course sponsored by Executive Enterprises, Inc. Indianapolis, IN. May 1994.

#### 1993

1. Keramida, V. "Technical Issues in Complying with the Clean Water Act." Part of the 3-day Environmental Regulation Course sponsored by Executive Enterprises, Inc. and the law firms of Barnes & Thornburg and Sommer & Barnard. Indianapolis, IN. December 1993.
2. Keramida, V. "Great Lakes Initiative: Its Impact on Water Quality Standards and Regulatory Programs." Bowen Industrial Seminar. November 1993.
3. Keramida, V. "Technical Issues in Complying with the Clean Water Act." Part of the 3-day Environmental Regulation Course sponsored by Executive Enterprises, Inc. Indianapolis, IN. May 1993.

#### 1992

1. Keramida, V. "Technical Issues in Complying with the Clean Water Act." Part of the 3-day Environmental Regulation Course sponsored by Executive Enterprises, Inc. Indianapolis, IN. December 1992.
2. Keramida, V. "NPDES Permits - New Developments." Environmental Quality Control Water Workshop. Indianapolis, IN. 1992.

#### 1991

1. Keramida, V. Panelist, "Stormwater - Complying with New Federal Regulations." Indiana Manufacturers Association Workshop. Indianapolis, IN. 1991.

## 1990

1. Keramida, V. "Status of Proposed Federal Sludge Regulations." Seminar - *Clean Water: The Next Step*, sponsored by the Indiana Association of Cities and Towns, IWPCA and AWWA. Indianapolis, IN. 1990.

## 1989

1. Keramida, V. "Stormwater Runoff Concerns at Industrial Sites." National Conference of Academy of Certified Hazardous Materials Managers. Indianapolis, IN. 1989.

## 1988

1. Keramida, V., Renner, T., and Neilson, B. "Study of Toxic Compounds in River Bottoms at Metropolitan Areas." Proc. 43<sup>rd</sup> Purdue Industrial Waste Conference. 1988.
2. Keramida, V. "Development and Impact of New State Water Quality Standards." Environmental Quality Control Water Workshop. Indianapolis, IN. 1988.

## 1987

1. Keramida, V. "The Impacts of Water Quality Standards Upon Municipal Treatment Processes." Ohio River Basin Consortium for Research and Education - 3rd Annual Scientific Symposium. Indianapolis, IN. 1987.
2. Keramida, V. "The Effect of Indiana's New Water Quality Standards on NPDES Permits and Indirect Industrial Discharges." Indiana Water Pollution Control Association Annual Conference. Indianapolis, IN. 1987.

## 1986

1. Keramida, V. "Federal Removal Credits Program for Industry - A Legal Update." Environmental Quality Control Hazardous Waste Workshop. Indianapolis, IN. 1986.
2. Wukasch, R., Dieterlen, T., and Keramida, V. "Measurement of Emissions of Volatile Organic Compounds from Wastewater Plant Operations." Water Pollution Control Federation - 59<sup>th</sup> Annual Conference. Los Angeles, CA. 1986.
3. Alleman, J. and Keramida, V. "Light Induced Nitrosomomas Inhibition During Endogenous Respiration." Water Research. 1986.
4. Keramida, V. "Evaluation of Hazardous Waste Discharges to POTW's - Results of a National EPA Study." Environmental Quality Control Water Workshop. Indianapolis, IN. 1986.

## 1985

1. Keramida, V. and Quinn, T. "Case History: Handling Nitrification Inhibition at a Pure Oxygen Facility." Virginia Water Pollution Control Association - Annual Conference. Richmond, VA. 1985.
2. Ku, W., Kupke, J., and Keramida, V. "Water Quality Impact Evaluation of Combined Sewer Overflows in Indianapolis, Indiana." Water Pollution Control Federation - 58<sup>th</sup> Annual Conference. Kansas City, MO. 1985. (Proceedings)
3. Keramida, V., Cain, C., and Russell, L. "Establishing Effluent Limits for Heavy Metals in Industrial Discharges to Municipal Sewers." 5<sup>th</sup> International Conference on Heavy Metals in the Environment. Athens, Greece. 1985.
4. Keramida, V. and Etzel, J. "Innovative Treatment of Metal Finishing Wastes Eliminates Hazardous Waste By-Products." 5<sup>th</sup> International Conference on Heavy Metals in the Environment. Athens, Greece. 1985.
5. Keramida, V. "Development and Implementation of an Industrial Pretreatment Program." 6<sup>th</sup> AES/Environmental Protection Agency - Conference for the Metal Finishing Industry. Orlando, FL. 1985.

## 1984

1. Keramida, V., Wukasch, R., Bertelson, D., Watson, J., and Wells, D. "Handling of Nitrification Interference - A Case Study." Water Pollution Control Federation - 57<sup>th</sup> Annual Conference. New Orleans, LA. 1984. (Proceedings)

## 1983

1. Keramida, V. "The Indianapolis Industrial Pretreatment Program." Indiana Water Pollution Control Association - Annual Meeting. Indianapolis, IN. 1983.
2. Keramida, V. and Bertelson, D. "A Comprehensive Industrial Pretreatment Program for Indianapolis." Water Pollution Control Federation - 56<sup>th</sup> Annual Conference. Atlanta, GA. 1983. (Proceedings)
3. Cain, C., Russell, L., and Keramida, V. "Development of Reasonable Limitations on Discharge of Industrial Pollutants to Municipal Sewers." Water Pollution Control Federation - 56<sup>th</sup> Annual Conference. Atlanta, GA. 1983. (Industrial Waste Symposia Proceedings)
4. Thomas, B., Cain, C., and Keramida, V. "Alternatives for Joint Pretreatment of Industrial Wastewater." Water Pollution Control Federation - 56<sup>th</sup> Annual Conference. Atlanta, GA. 1983. (Industrial Waste Symposia Proceedings)
5. Cain, C., Connaroe, K., Russell, L., Robson, C. and Keramida, V. "Behavior of Priority Pollutants in Ozone Disinfection." International Ozone Association Conference. Washington, D.C. 1983.

## 1982

1. Keramida, V., Kane, L., and Strahl, D. "Where Industry and the Regulator Should Meet: Establishing Industry Achievable Water Quality Limits." Water Pollution Control Federation - 55<sup>th</sup> Annual Conference. St. Louis, MO. 1982. (Proceedings)
2. Keramida, V. and Etzel, J. "Development Studies for the Removal of Heavy Metals from Cyanide Bath Plating Rinsewater." American Institute of Chemical Engineers - Summer National Meeting. Cleveland, OH. 1982.
3. Keramida, V. "Determination of Maximum Allowable Pollutant Load to POTW Based on Receiving Stream Water Quality Standards." Indiana Pretreatment Program Seminar. Indianapolis, IN. 1982.
4. Brumfield, L., Kane, L., Keramida, V., and Strahl, D. "Development of Local POTW Limitations for the Control of Incompatible Pollutant Discharges." Guidance Document of Industrial Pretreatment for the State of Indiana. 1982. (This document was adopted by the U.S. EPA as the national guideline policy on pretreatment.)
5. Keramida, V. and Etzel, J. "Treatment of Metal Plating Wastewater with a Disposable Ion Exchange Material." Proc. 37th Purdue Industrial Waste Conference. 1982.

## 1979

1. Keramida, V. "Treatment of Plating Wastes by Vermiculite Cation-Exchange Column." Ph.D. Thesis. Purdue University, West Lafayette, IN. 1979.

## 1976

1. Keramida, V. "Removal of Copper from Plating Wastes by Exfoliated Vermiculite Cation-Exchange Column." M.S. Thesis. Purdue University, West Lafayette, IN. 1976.