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STATE OF ILLINOIS
Pollution Control Board

EXHIBIT LIST

- IN THE MATTER OF:)
)
WATER QUALITY STANDARDS AND) R08-9
EFFLUENT LIMITATIONS FOR THE) (Rulemaking - Water)
CHICAGO AREA WATERWAY SYSTEM)
AND LOWER DES PLAINES RIVER)
PROPOSED AMENDMENTS TO 35 ILL.)
ADM. CODE 301, 302, 303, and 304)
- Exhibit 1 Prefiled testimony of Rob Sulski
- Exhibit 2 Prefiled testimony of Scott Twait
- Exhibit 3 Prefiled testimony of Roy Smogor
- Exhibit 4 United States Environmental Protection Agency letter from Linda Holst to Toby Frevert of the Illinois Environmental Protection Agency, dated May 3, 2007
- Exhibit 5 Appendix Table 1. QHEI metric scores for stations sampled in the Illinois and DesPlaines Rivers during 2006
- Exhibit 6 Table 2. QHEI scores and metric values for sites sampled in the Des Plaines & Illinois Rivers by MBI in 2006
- Exhibit 7 MBI Qualitative Habitat Evaluation Index Field Sheet QHEI Score (contains 23 pages)
- Exhibit 8 "Quality Assurance Project Plan: Fish Assemblage Assessment of the Lower Des Plaines River" Effective Date July 1, 2006, Center of Applied Bioassessment & Biocriteria P.O. Box 21561 Columbus, OH 43221-0561
- Exhibit 9 Publication: HERALD-NEWS, Publication date: 8/19/2002 "Fishermen died by drowning"
- Exhibit 10 Three Rivers Manufacturers' Association letter to Toby Frevert dated June 6, 2003
- Exhibit 11 United States Environmental Protection Agency MEMORANDUM on "Improving the Effectiveness of the Use Attainability Analysis (UAA) Process" from Ephraim S. King to Regional Water Division Directors. Dated March 13, 2006

- Exhibit 28 Metropolitan Water Reclamation District of Greater Chicago table entitled “Total Number of Fish Collected from Each Sampling Station in the Chicago Area Waterway System from 2001 through 2005 as part of the ambient Water Quality Monitoring Program”
- Exhibit 29 UAA Factor Application to the Lower Des Plaines River and CAWS
- Exhibit 30 U.S. Army Corps of Engineers Maps of Illinois Waterway, Map Nos. 109,110, 111
- Exhibit 31 Illinois Department of Natural Resources Lake Michigan Tributaries Fish Population Survey, July 27-31, 2006
- Exhibit 32 Qualitative Habitat Evaluation Index Scores in the Upper Dresden Island Pool of Des Plaines River
- Exhibit 33 Edits to the Lower Des Plaines UAA (Attachment A to the IEPA’s Statement of Reasons)
- Exhibit 34 Information on Impaired Segments of the Lower Des Plaines River and the CAWS
- Exhibit 35 “Evaluation and Development of Large River Biological Assessment Methods and Standardized Protocols for Region V” by Rob Tewes, Erich Emery, and Jeff Thomas
- Exhibit 36 Meeting Minutes from the Lower Des Plaines River Workgroup and the CAWS Stakeholders Group
- Exhibit 37 Compact disc titled “Yoder CD”
- Exhibit 38 Metropolitan Water Reclamation District of Greater Chicago, Research and Development Department Report No. 03-20 “Comparison of Fecal Coliform concentrations and Trends in Two Urban Rivers: The Chicago Sanitary and Ship Canal and The Des Plaines River” October 2003
- Exhibit 39 Metropolitan Water Reclamation District of Greater Chicago, Research and Development Department Report No. 04-10 “Estimation of the Escherichia Coli to Fecal Coliform Ratio in Wastewater Effluents and Ambient Water of the Metropolitan Water Reclamation District of Greater Chicago” July 2004
- Exhibit 40 Chart titled “Illinois Department of Natural Resources DuPage River Basin Survey Stations

- Exhibit 55 Alliance for the Great Lakes “Protecting Public Health, Caring for Chicago’s Waters”
- Exhibit 56 Group of documents with email cover sheet from Deana Poe to CAWS UAA; UAA - Des Plaines dated January 26, 2007.
- Exhibit 57 “Reconnaissance Report Great Lakes Navigation System Review Appendix D- Chicago Sanitary & Ship Canal” Army Corp of Engineers, June 2002
- Exhibit 58 Settlement Agreement between Natural Resources Defense Council and USEPA, and the National Association of Clean Water Agencies
- Exhibit 59 Letter from Louis Kollias, Director Research and Development, MWRDGC, to Marcia Willhite, Bureau Chief, IEPA, dated September 5, 2008
- Exhibit 60 Prefiled Testimony of Richard Lanyon
- Exhibit 61 Attachment 1 Openlands Questions, color photos
- Exhibit 62 Prefiled Testimony of William J. Stuba
- Exhibit 63 Table entitled “Annual Summaries of Recreational Activities Observations”
- Exhibit 64 Trip Log dated 7-16-08, Patrol CAL DO NPDES
- Exhibit 65 Prefiled Testimony of Samuel G. Dennison on Recreational Designations
- Exhibit 66 Color Photo of Barge on Calumet-Sag Channel looking west from 104th Street Bridge
- Exhibit 67 email from Fredric Andes to Marie Tipsord and Susan Hedman listing links to MWRDGC’s 2007 and 2008 budget books
- Exhibit 68 Prefiled Testimony of Chriso Petropoulou
- Exhibit 69 Prefiled Testimony of Charles P. Gerba
- Exhibit70 Prefiled Testimony of Keith Tolson
- Exhibit 71 Report prepared for MWRDGC by Geosyntec entitled “Dry and Wet Weather Risk Assessment of Human Health Impacts of Disinfection vs. No Disinfection of the Chicago Area Waterways System” April 2008
- Exhibit 72 “Dry Weather Risk Assessment of Human Health Impacts of Disinfection vs. No Disinfection of the Chicago Area Waterways System” Review conducted fro US EPA Region 5, Office of Water

- Exhibit 89 September 22, 2008 letter from Chriso Petropoulou of Geosyntec to Thomas Granto of Metropolitan Water Reclamation District of Greater Chicago
- Exhibit 90 September 22, 2008 letter from Louis Kollias of Metropolitan Water Reclamation District of Greater Chicago to Marcia Wilhite of the Illinois Environmental Protection Agency
- Exhibit 91 Twelve tables beginning with “Jan. 2005 Daily Precipitation Counts (inches)” one table for each month
- Exhibit 92 Eight tables beginning with “Jan. 2006 Daily Precipitation Counts (inches)” one table for each month through October
- Exhibit 93 Prefiled testimony of Earnest R. Blatchley III, with attachments included on compact disc
- Exhibit 94 California Health Laws Related to Recycled Water “The Purple Book” Excerpts from the Health and Safety Code, Water Code and Titles 22 and 17 of the California Code of Regulations June 2001 Edition
- Exhibit 95 Color Chart entitled “Facility D - -St. Petersburg 2° without Nitrification; Filtration”
- Exhibit 96 Article entitled “Wedeco Wins Order In Munich”
- Exhibit 97 Article entitled “Rinsend (SBR) Wastewater Treatment Plant Overview”
- Exhibit 98 Article entitled “Effects of Disinfectants on Wastewater Effluent Toxicity” by Earnest R. Blatchley III *et al.* Pergamon 1997
- Exhibit 99 Article entitled “Effect of Wastewater Disinfection on Human Health” by Earnest R. Blatchley III
- Exhibit 100 Prefiled testimony of Samuel Dorevitch with compact disc of attachments
- Exhibit 101 “Health Effects of white-water canoeing” by L. Fewtrell *et al.*, from *The Lancet* dated June 27, 1992 (complete copy)
- Exhibit 102 Article entitled “Bacteriophages are a Better Indicator of Illness Rates than Bacteria Amongst Users of a White Water Course Fed by a Lowland River” by J.V. Lee *et al.* Pergamon 1997
- Exhibit 103 Article entitled “A Probabilistic Risk Assessment of Cryptosporidium Exposure Among Baltimore Urban Anglers” by Jennifer D. Roberts *et al.* *Journal of Toxicology and Environmental Health, Part A* (January 1, 2007)

- Exhibit 121 USEPA Letter from Bharat Mathur to Bruno L. Pigot Indiana Department of Environmental Management dated June 9, 2008
- Exhibit 122 Regulatory language headed at top of page “314 CMR §:00 Division of Water Pollution Control”
- Exhibit 123 Ohio River Valley Water Sanitation Commission “Wet Weather Standards Proposal”
- Exhibit 124 Document entitled “Background Summary of Proposed Revisions”
- Exhibit 125 State of California, State Water Resources Control Board ORDER WQO 2005-0004 *In the matter of own motion review of failure to modify recreation use standards for Ballona Creek*
- Exhibit 126 Compact Disc titled “Blatchley Report”
- Exhibit 127 USEPA Memorandum dated Jan. 24, 1992 on “Request for Views on Allowable Duration of Water Quality Standards Variances”
- Exhibit 128 Water Quality Standards Academy Key Concepts “A Variance: Temporary Modification to Water Quality Standards”
- Exhibit 129 Rules of Department of Natural Resources Division 20 - Clean Water Commission Chapter 7 - Water Quality
- Exhibit 130 Department of Natural Resources Code of State Regulations beginning with “Table A”
- Exhibit 131 “Water Quality Standards: Wet Weather Issues and Recreational Use Protection” by Ephraim King of USEPA
- Exhibit 132 Indiana Department of Environmental Management “Agency nonrule policy document” Effective April 11, 2008
- Exhibit 133 Prefiled testimony and attachments of Stephen F. McGowan
- Exhibit 134 Document entitled “Exhibit 1”
- Exhibit 135 Document from website, first line “eGRID FAQ Clean Energy US EPA”
- Exhibit 136 20 ILCS 3855/1-75
- Exhibit 137 220 ILCS 5/16-127

- Exhibit 152 Table entitled "UV Disinfection - Capital Cost Estimates"
- Exhibit 153 Prefiled Testimony of Thomas E. Kunetz
- Exhibit 154 Compact Disc entitled Metropolitan Water Reclamation District of Greater Chicago North Side Master Plan September 9, 2008"
- Exhibit 155 MWRDGC - Stickney WRP Infrastructure & Process Needs Feasibility Study "Executive Summary"
- Exhibit 156 Selected pages from 2007 Metropolitan Water Reclamation District of Greater Chicago 2007 Budget
- Exhibit 157 Selected pages from 2008 Metropolitan Water Reclamation District of Greater Chicago Budget
- Exhibit 158 "Selected Plan Technical Memorandum 12 Master Plan Metropolitan Water Reclamation District of Greater Chicago North Side Water Reclamation Plant and Surrounding Chicago Area Waterways" June 2007 submitted by CTE AECOM
- Exhibit 159 Prefiled testimony of John Mastracchio
- Exhibit 160 Metropolitan Water Reclamation District of Greater Chicago 2007 Budget book in its entirety
- Exhibit 161 Metropolitan Water Reclamation District of Greater Chicago 2008 Budget Book in its entirety
- Exhibit 162 "Water and Wastewater Pricing An information overview" U.S. Environmental Protection Agency Office of Wastewater Management EPA 832-F-03-027
- Exhibit 163 Response to Question #1 from Environmental Law and Policy Center and the Sierra Club
- Exhibit 164 "POTW Nutrient Removal in Illinois" Illinois Association of Wastewater Agencies 2003 Study Summary
- Exhibit 165 "Analysis of Nutrient Removal Costs in the Chesapeake Bay Program and Implications for the Mississippi-Atchafalaya River Basin" Submitted to Water Environment Federation for 2008 WEFTEC Conference Chicago, IL
- Exhibit 166 "Public Commentary" Submitted to the Science Advisory Board Hypoxia Advisory Panel Draft Advisory Report Submitted by O'Brien & Gere
- Exhibit 167 Compact Disc entitled "Mississippi River, Whole Body contact Recreation Use Attainability Analysis, July 2005"

- Exhibit 185 Sidescan Sonar Mosaic Calumet-Sag Channel
- Exhibit 186 Lower Sandusky River Northwest Ohio
- Exhibit 187 CD Rom of prefiled testimony of Jennifer Wasik
- Exhibit 188 "Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems" by D.D. MacDonald, C. G. Ingersoll, T. A. Berger, January 13, 2000
- Exhibit 189 Picture of Hester Denby
- Exhibit 190 "Illinois Benthic Macroinvertebrate Collection method Comparison and Stream Condition Index Revision" Prepared for Illinois Environmental Protection Agency by Tetra Tech, Inc. November 2004, Revised July 2005.
- Exhibit 191 Prefiled Testimony of Samuel G. Dennison on Classification of the Calumet-Sag Channel as an Aquatic Live Use B Water
- Exhibit 192 Prefiled Testimony of Samuel G. Dennison concerning Justification for an additional Aquatic Lie Use Tie r for Bubbly Creek.