EXHIBIT LIST

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IN THE MAT	ITER OF:)		Pollution Control Bos
EFFLUENT I CHICAGO A AND LOWED PROPOSED	ALITY STANDARDS AND LIMITATIONS FOR THE REA WATERWAY SYSTEM R DES PLAINES RIVER AMENDMENTS TO 35 ILL. 301, 302, 303, and 304	R08-9 (Rulemaking - Water)	
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 Protect Frevert of the Illinois Environmental		_
Exhibit 5	Appendix Table 1.QHEI metric score DesPlaines Rivers during 2006	es for stations sampled in	the Illinois and
Exhibit 6	Table 2. QHEI scores and metric valuable Rivers by MBI in 2006	ues for sites sampled in th	ne Des Plaines &
Exhibit 7	MBI Qualitative Habitat Evaluation pages)	Index Field Sheet QHEI	Score (contains 23
Exhibit 8	"Quality Assurance Project Plan: Fis Plaines River" Effective Date July 1 Biocriteria P.O. Box 21561 Columbu	, 2006, Center of Applied	
Exhibit 9	Publication: HERALD-NEWS, Publication: drowning"	ication date: 8/19/2002 '	'Fishermen died by
Exhibit 10	Three Rivers Manufacturers' Association 2003	ntion letter to Toby Freve	rt dated June 6,
Exhibit 11	United States Environmental Protects "Improving the Effectiveness of the Infrom Ephraim S. King to Regional W. 2006	Use Attainability Analysi	s (UAA) Process"

Exhibit 12	"Review of Technical Memorandum 1WQ-Disingection Evaluation Prepared on Behalf of the Metropolitan Water Reclamation District of Greater Chicago" Prepared for United States Environmental Protection Agency by Science Applications International Corporation
Exhibit 13	Prefiled testimony of Chris O. Yoder
Exhibit 14	Curriculum Vitae of Chris Yoder
Exhibit 15	"Temperature Criteria Options for the Lower Des Plaines River" Final Report to United States Environmental Protection Agency and Illinois Environmental Protection Agency by Chris Yoder and Edward Rankin
Exhibit 16	"Re-evaluation of the Technical Justification for Existing Ohio River Mainstem Temperature Criteria" Chris Yoder, Brian Armitage and Edward Rankin
Exhibit 17	"Thermal Discharge form a Nuclear Power Plant: Predicted Effects on Lake Erie Fish" Jeffrey Reutter and Charles Herdendorf
Exhibit 18	Pages 2-98 through 2-102 from the Lower Des Plaines Use Attainability Analysis (Attachment A to proposal)
Exhibit 19	Table 1. Number, CPE (no./km) and Relative Abundance of all Fish Taxa Collected Electrofishing from the Lower Dresdan Pool
Exhibit 20	MBI Fish Data Sheet (contains 35 pages)
Exhibit 21	Table 1 Boat IBI scores and metrics at boat sites in the Des Plaines River sampled by MBI during 2006
Exhibit 22	R08-9 Illinois Pollution Control Board hearing Question for the Illinois EPA (2-1-08)
Exhibit 23	"Illinois Waterway Navigation Charts" Map Nos. 94-114.
Exhibit 24	"White Sucker (<i>Catostomus commersoni</i>) Embryo Development, and Early Growth and Survival at Divergent Temperatures" by J. Howard McCormick, Bernard R. Jones and Kenneth E.F. Hokanson
Exhibit 25	Map entitled "Chicago Area Waterway System and Des Plaines River UAA Segments"
Exhibit 26	Map entitled "Proposed Aquatic Life Use Designation"
Exhibit 27	Map entitled "Proposed Recreational Use Designation"

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 form 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 Ration 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 41	Results and Index of Biotic Integrity (IBI), 2003 Des Plaines Basin Survey - mainstream stations"
Exhibit 42	Chart titled "Illinois Department of Natural Resources Fish Community Sampling Results and Index of Biotic Integrity (IBI), 2003 Des Plaines Basin Survey - tributary stations (includes data from 2002 surveys)"
Exhibit 43	Chart titled "Illinois Department of Natural Resources - Fisheries Division Kankakee River Fish Population Survey Results - July, 2005"
Exhibit 44	"The Des Plaines River: Monitoring the Fish Resources of an Urban River (1978-1990) by David M. Day August 12, 1991
Exhibit 45	Table with headers "Name", "10-Digit HUC", "IEPA Basin", "Assessment Unit ID", "Size (miles)", "Cat.", "Designated Uses/Attainment", "Causes", "Sources"
Exhibit 46	Compact Disc titled "MWRDGC continuous DO and temp data for selected CAW stations"
Exhibit 47	Group of letters from Metropolitan Water Reclamation District of Greater Chicago starting with letter to Michael Garretson, dated August 18, 2006 on reported fish kills
Exhibit 48	Group of tables beginning with table titled "Metropolitan Water Reclamation District of Greater Chicago Ambient Water Quality Monitoring Program Sample Stations"
Exhibit 49	Letter to Toby Frevert of IEPA from Linda Holst USEPA dated May 3, 2007
Exhibit 50	Draft comments from Midwest Generation dated 02/12/07 at bottom
Exhibit 51	Metropolitan Water Reclamation District of Greater Chicago Comments on IEPA Chicago Area Waterways Use Attainability Analysis Draft Standards dated March 16, 2007
Exhibit 52	IEPA document titled "Chicago Waterway/Lower Des Plaines River UAA Major issues related to comments from March 20, 2007 meeting in Joliet
Exhibit 53	Environmental Law & Policy Center comments to Toby Frevert on Use Attainability Analyses for the lower Des Plaines and the Chicago Waterway System, dated April 6, 2007
Exhibit 54	email from Phillip Moy to Toby Frevert dated 3/23/2007

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 73	Compact Disc titled USEPA Correspondence
Exhibit 73a	Compact Disc that is attachments to USEPA Correspondence
Exhibit 74	"Health Effects of white-water canoeing" by L. Fewtrell et al, from The Lancet dated June 27, 1992 (cover page)
Exhibit 75	Table 1 entitled "Illnesses acquired by ingestion of water"
Exhibit 76	Report prepared for MWRDGC by Geosyntec entitled "Interim Phase I Dry Weather Risk Assessment Human Health Impacts of Disinfection vs. No Disinfection of the Chicago Area Waterways System" November 2006
Exhibit 77	Compact Disc entitled "Appendices" "Dry and Wet Weather Risk Assessment of Human Health Impacts of Disinfection vs. No Disinfection of the Chicago Area Waterways System" April 2008
Exhibit 78	Cover page and one page excerpt from "Environmental Microbiology" by Maier, Pepper, and Gerba
Exhibit 79	"The Health Effects of Low-Contact Water Activities in Fresh and Estuarine Waters" by Fewtrell <i>et al</i> . February 1994
Exhibit 80	"Bathroom research reveals surprising data" by Amanda Riddle June 11, 1997
Exhibit 81	MSNBC.com Interview "Is your workplace a bacteria cafeteria" Feb. 16, 2005
Exhibit 82	Openlands Attachment 1 to Prefiled Question of Keith Tolson, color photo
Exhibit 83	"Lease Amendment Agreement Ronan Park Expansion" September 19, 1990
Exhibit 84	Table entitled "Summary of Recreational Season (Chlorinate/Dechlorinated) Effluent Fecal Coliform May 1 through October 31"
Exhibit 85	Compact Disc entitled "Raw Data"
Exhibit 86	USEPA Document entitled "Ambient Water Quality Criteria for Bacteria - 1986' EPA440/5-84-002 (January 1986).
Exhibit 87	Color Photo of two-person Jet Ski
Exhibit 88	September 12, 2008 letter from Chriso Petropoulou of Geosyntec to Thomas Granto of Metropolitan Water Reclamation District of Greater Chicago

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 Coed, Water Code and Titles 22 and 17 of the California Code of Regulations June 2001 Edition
Exhibit 95	Color Chart entitled "Facility DSt. 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 <i>et al. Pergamon</i> 1997
Exhibit 103	Article entitled "A Probabilistic Risk Assessment of Cryptosporidium Exposure Among Baltimore Urban Anglers" by Jennifer D. Roberts <i>et al. Journal of Toxicology and Environmental Health, Part A</i> (January 1, 2007)

Exhibit 104	Article entitled "Health Hazards Associated with Windsurfing on Polluted Waters" by Eric Dewailly et al. Public Health Briefs June 1986
Exhibit 105	Article entitled "Results of the First Pilot-Scale Controlled Cohort Epidemiological Investigation into the Possible Health Effects o Bathing in Seawater at Langland Bay, Swansea" by F. Jones <i>et al.</i> (February 5, 1991)
Exhibit 106	Two color charts on one page entitled "CAWS activity distribution, 2007 n=350" and "GUW activity distribution, 2007 n=142"
Exhibit 107	Two pages with three Figures, Figure 1 entitled "Aged distribution of unexposed participants, 2007", Figure 2 entitled "Aged distribution of CAWS participants, 2007" and Figure 3 entitled "Aged distribution of GUW participants, 2007"
Exhibit 108	Flow Chart entitled "CHEERS participant Flow"
Exhibit 109	Chart entitle "Example of 'dose-response' graph"
Exhibit 110	Color photo chart entitled "Sources of Risk, by Group"
Exhibit 111	Color Charts entitled "QMRA"
Exhibit 112	Prefiled testimony of Susan O'Connell
Exhibit 113	Prefiled testimony of Greeta Rijal with compact disc of attachments
Exhibit 114	Charts entitled "Figure 18: Geometric means of Fecal Coliform Bacteria at North Area Stations Each Day After Heavy and Light Rainfalls for Three-Day Periods Compared with Dry Weather Densities"
Exhibit 115	Two charts on one page entitled "Figure 1: Estimated FC densities downs stream of the North Side and Calumet WRPs during dry weather (0) and wet weather ([X]with] or [without disinfection conditions"
Exhibit 116	Prefiled testimony of Adrienne D. Nemura
Exhibit 117	"Citations for Statues and Regulations Referred to in Pre-Filed Testimony of Adrienne D. Nemura"
Exhibit 118	A link to a website on the UAA for Chesapeake
Exhibit 119	Four page document beginning with "Please refer to Report No. 05-15 for Figure and Table Numbers"
Exhibit 120	Indiana Department of Environmental Management Letter from Bruno L. Pigot to Tinka Hyde USEPA Region V dated March 17, 2008

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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 138	Document entitled "Exhibit 2"
Exhibit 139	Compact Disc entitled "MWRD Precipitation Data"
Exhibit 140	Byappanahalli and Whitman USGS, Great Lakes Science Center, Lake Michigan Ecological Research Station "Escherichia coli Sources and Microbiological Quality of Water Above and Below the Northside Wastewater Reclamation Plant (NSWRP), Metropolitan Water Reclamation District of Greater Chicago (MWRDGC)" Project Period July 15, 2008-July 14, 2009
Exhibit 141	Two tables, first entitled "Mean <i>Escherichia Coli</i> Concentrations (MPN/100ML) in the Water from the North Shore Channel Segment Above and Below the North Side WRP"
Exhibit 142	Three tables, first entitled "Coliform Bacteria Levels (MPN/100mL) in the Storm Sewer Samples Collected During Rain Storm Event on 09/04/08"
Exhibit 143	"Electricity Sources and Emissions" Integrys energy service
Exhibit 144	Prefiled testimony of Charles Haas
Exhibit 145	OEM online "Distribution and determinants of trihalomethane concentrations in indoor swimming pools H. Chu and M J Niuwenhuijsen
Exhibit 146	Prefiled testimony of David R. Zenz
Exhibit 147	Letter to Toby Frevert of Illinois Environmental Protection Agency dated June 22, 2006 from Richard Lanyon Metropolitan Water Reclamation District of Greater Chicago
Exhibit 148	"Review of "Technical Memorandum 1WQ - Disinfection Evaluation Prepared on Behalf of the Metropolitan Water Reclamation District of Greater Chicago" Final Report October 2006 Prepared by Science Applications International Corporation"
Exhibit 149	"UV Disinfection Cost Study Cost Study Report for Metropolitan Water Reclamation District of Greater Chicago Volume 1 of 2 North Side Water Reclamation Plant" January 31, 2008" Prepared by CTE AECOM
Exhibit 150	UV Disinfection Cost Study Cost Study Report for Metropolitan Water Reclamation District of Greater Chicago Volume 1 of 2 Stickney Water Reclamation Plant" September 9, 2008" Prepared by CTE AECOM
Exhibit 151	One page document entitled "Prefiled Questions of the People of the State of Illinois to David R. Zenz" question number 2

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 168 "Use Attainability Analysis Mobile River Final" Alabama Department of Environmental Management January 2001