

POSTERS

POSTER TITLE	ORGANIZATION	AUTHORS
PARTNERSHIP WITH STAKEHOLDERS INCORPORATES SIGNIFICANT IMPROVEMENTS TO AN URBAN WATERWAY AS PART OF MGP REMEDIATION	AECOM	Matthew Thorpe Cameron Dixon
	NYSEG	John Ruspantini
	FWS	Carl Schwartz
DREDGING IN A FLOOD CONTROL WATERWAY, PENN YAN FORMER MGP SITE	AECOM	Abby Chin Matthew Thorpe Carsten Floess
	Sevenson	Gary Rose Chester Adams
	NYSEG	John Ruspantini
HISTORIC CONUNDRUM - THE PENN YAN MGP FORMER GAS HOUSE, PENN YAN, NY	AECOM	Matthew Thorpe Carsten Floess Herbert Ramirez Cameron Dixon
	NYSEG	John Ruspantini
ADAPTABILITY OF DREDGE DESIGN TO FIELD CONDITIONS, PENN YAN FORMER MGP SITE	AECOM	Keith Stahle Abby Chin Matthew Thorpe Carsten Floess
	Sevenson	Gary Rose Chester Adams
	NYSEG	John Ruspantini
CLOSING AN URBAN SETTING MGP SITE WITH COMMUNITY GREEN SPACE	AECOM	Jennifer Williams Mark McCabe Roger Beck
	NiSource	Sidney Wuellner-Rice
FIELD-SCALE EVALUATION OF AEROBIC BIOOXIDATION TO DEplete GROUNDWATER CONTAMINANTS FROM COAL TAR AND CREOSOTE	AECOM	Randall Sillan
PILOT STUDY TO EVALUATE SOLAR-POWERED AUTOMATED DNAPL COLLECTION SYSTEM, CLIFTON WORKS FORMER MANUFACTURED GAS PLANT (MGP) SITE, STATEN ISLAND, NY	AECOM	Peter Cox Shail Pandya Jason Hovis Rob Forstner
	National Grid	Sarah Aldridge
SEDIMENT DELINEATION AND REMEDIATION WITHIN THE NEW YORK STATE BARGE CANAL AT A FORMER MANUFACTURED GAS PLANT SITE	AECOM	Tamara Raby James Kaczor Kristen Durocher Keith Meister Dino Zack
UNIQUE CHALLENGES OF FENCELINE AIR MONITORING DURING A THERMAL REMEDIATION PROJECT	AECOM	Melissa McLaughlin

POSTERS

POSTER TITLE	ORGANIZATION	AUTHORS
ASTM SEDIMENT ANALYTICAL GUIDE E3163 OVERVIEW	Alpha Analytical, Inc.	Jim Occhialini
IF WE KNEW THEN WHAT WE KNOW NOW - THE VALUE OF EARLY AND COMPREHENSIVE SITE CHARACTERIZATION AND REMEDIAL DESIGN	Ameren Services	Dave Palmer Brian Holderness
	GEI Consultants, Inc.	Donald Schilling Laurence Welch Brandon Teel
INNOVATIVE SITE CHARACTERIZATION FOR INTEGRATED REMEDIATION	Ameren Services	Dave Palmer
	AECOM	Brad Rucker
BIOSPARGE REMEDIATION CASE STUDY	Arcadis U.S., Inc.	Guy Kaminski
	Tampa Electric Company/ Peoples Gas System	Christopher Gasinski
USE OF CONTINUOUS WATER LEVEL MONITORING DATA TO ASSIST IN THE DEVELOPMENT OF CONCEPTUAL SITE MODELS AT FORMER MANUFACTURED GAS PLANT SITES	Brown and Caldwell	James Marolda Robert O'Neill
AN INNOVATIVE METHOD TO AUTOMATIC CONTROL OF DNAPL RECOVERY SYSTEM AT MGP SITES	Burns & McDonnell Engineering, Inc.	Adam Chen Donna Davis Joe Chittet Sam Hillier Joan Gonzalez
CHALLENGES IN CHARACTERIZATION AND REMEDIAL PLANNING AT A SITE WITH CO-MINGLED MGP AND CHLORINATED SOLVENT IMPACTS	Burns & McDonnell Engineering, Inc.	Benjamin Clement
HIGH-RESOLUTION CHARACTERIZATION IN SUPPORT OF IN-SITU SOLIDIFICATION/STABILIZATION DESIGN	Burns & McDonnell Engineering, Inc.	Benjamin Clement Scott Myers
INSTALLING A PERMEABLE REACTIVE BARRIER DURING MGP SITE REMEDIATION TO PREVENT OFFSITE CONTAMINATION	Burns & McDonnell Engineering, Inc.	Adam Chen Sam Hillier Joe Chittet Joan Gonzalez
IN-SITU IMMOBILIZATION OF COAL-TAR AND MOBILE DNAPL AT MGP SITES USING LOW-TEMPERATURE THERMOCHEMICAL SOLIDIFICATION TECHNOLOGY	Burns & McDonnell Engineering, Inc.	Vipul Srivastava
	Gas Technology Institute	Tom Hayes
WHAT'S ALL THE FUSS ABOUT SEDIMENTS?	Electric Power Research Institute (EPRI)	Jeff Clock, M.S., M.B.A.
	GEI Consultants, Inc.	Roger Hathaway, P.E. Bruce Coulombe Paul Jansen

POSTERS

POSTER TITLE	ORGANIZATION	AUTHORS
IN-SITU STABILIZATION AT A FORMER CONNECTICUT MGP	Eversource Energy	Drew Blicharz
	AECOM	Matthew Rood Larry Hogan Craig MacPhee Bryan MacDonald
USE OF EX SITU PASSIVE SAMPLERS TO MEASURE BIOAVAILABLE POLYCYCLIC AROMATIC HYDROCARBONS IN SEDIMENTS AT A MANUFACTURED GAS PLANT SITE	Exponent Inc.	Susan Kane Driscoll Sungwoo Ahn, Ph.D. Joy McGrath, M.S. Mike Kierski, Ph.D.
	University of Leipzig	Ariette Schierz
	Electric Power Research Institute (EPRI)	James Romer, B.S. Jeff Clock, M.S., M.B.A.
USE OF SITE-SPECIFIC BLACK CARBON PARTITION COEFFICIENTS FOR POLYCYCLIC AROMATIC HYDROCARBONS IN A NEW MULTI-SITE SEDIMENT TOXICITY MODEL FOR MANUFACTURED GAS PLANT SITES	Exponent Inc.	Michael Kierski Joy McGrath, M.S. Kane Driscoll Joshua Thompson James Sanders
	WEC Energy Group – Business Services	Robert Paulson
ACCELERATED DNAPL TRANSMISSIVITY TESTING FOR REGULATORY OR DECISION POINT METRIC THRESHOLDS	GEI Consultants, Inc.	Lisa Reyenga Camille Carter James Ash
EMERGING CONTAMINANTS PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) SAMPLING AT FORMER MANUFACTURED GAS PLANT SITES IN NEW YORK	GEI Consultants, Inc.	Melissa Felter Kathleen Slimon
EVALUATION OF DISSOLVED-PHASE CONCENTRATION TRENDS PRE AND POST ISS APPLICATION AT THREE FORMER MGP SITES	GEI Consultants, Inc.	Youness Sharifi Jamey Stynchula Brian Mannino Ryan Sheaffer
FENCE LINE ODOR CONTROL MIST SYSTEM FOR UNDER \$1,000	GEI Consultants, Inc.	Jon Williams Christopher Bradley John Darmohray Akin Adegbayi
IN-SITU SOLIDIFICATION AS A MULTI-PURPOSE TOOL FOR REMEDIATION	GEI Consultants, Inc.	Chris Pray Paul Jansen Mike Sabulis
NAPL MOBILITY IN SEDIMENTS: CHARACTERIZING NAPL MIGRATION POTENTIAL USING A MULTIPLE LINES OF EVIDENCE APPROACH	GEI Consultants, Inc.	Lisa Reyenga Camille Carter Tom Daigle Mike Hawthorne Bjorn Bjorkman

POSTERS

POSTER TITLE	ORGANIZATION	AUTHORS
SOLIDIFICATION OF MARINE SEDIMENTS AT A NEW JERSEY MGP SITE	GEI Consultants, Inc.	Jon Williams George Onorato Barry Raus
REALISTIC EXPECTATIONS FOR THE TREATMENT OF FORMER MGP RESIDUALS BY CHEMICAL OXIDANTS	Geosyntec Consultants, Inc.	Andrew Brey
	University of Waterloo	Saeid Shafieiyoun Neil Thomson
	Tampa Electric Company/ Peoples Gas System	Christopher Gasinski
ISS TREATMENT ON THE SAN FRANCISCO BAY	Great Lakes Environmental & Infrastructure	Paul R. Lear, Ph.D. George Little
ISS AT A FORMER MGP FACILITY – WHEN THE DRILLING GETS TOUGH, THE TOUGH GET DRILLING	Great Lakes Environmental & Infrastructure	Paul R. Lear, Ph.D.
IN SITU THERMAL REMEDIATION: FORMER STEEL AND COKING FACTORY RECONVERSION FOR 2022 OLYMPIC GAMES IN BEIJING, CHINA	Haemers Technologies	Jonathan de Grunne
BIOACTIVE CAPPING: NAPHTHALENE DEGRADATION IN SORPTIVE CAPPING MEDIA	Haley & Aldrich, Inc.	Sean Carroll
	Electric Power Research Institute (EPRI)	Jeff Clock, M.S., M.B.A.
	Texas Tech University	Giovanna Pagnozzi Kayleigh Millerick Danny Reible
THE USABLE PAST OF MGPS: ANNUAL RETURNS AND THEIR CONTINUED VALUE TO THE MGP REMEDIATION AND LEGAL COMMUNITY	History Associates Incorporated	Mike Reis Kimberly Silvi
	GEI Consultants, Inc.	Dennis Unites
ACTIVE GEOCOMPOSITES CONTROL BOTH DNAPL AND DISSOLVED ORGANIC CONTAMINANTS AT MGP SITES	HUESKER Inc.	James Olsta Robert Creel
COMPARATIVE STUDY FOR ZVI/PEROXIDE VS FERRIC IRON OXIDE PERSULFATE ACTIVATION FOLLOWED BY INTRINSIC FACULTATIVE, BIOLOGICALLY MEDIATED PROCESSES	Innovative Environmental Technologies	Antonis Karachalios
IN-SITU GEOCHEMICAL STABILIZATION (ISGS) FOR NON-AQUEOUS PHASE LIQUID TREATMENT – TECHNICAL ASSESSMENT	Innovative Environmental Technologies	Antonis Karachalios
COMBINED ACTIVATED PERSULFATE AND HYDROGEN PEROXIDE ISCO REMEDIATION AT A FORMER MGP SITE: LESSONS FROM THE BENCH AND THE FIELD	ISOTEC	Will Caldicott Paul Dombrowski Prasad Kakarla

POSTERS

POSTER TITLE	ORGANIZATION	AUTHORS
LESSONS LEARNED FROM IMPLEMENTING IN-SITU CHEMICAL OXIDATION AT FORMER MGP SITES IN URBAN, RESIDENTIAL NEIGHBORHOODS SAFELY AND SUCCESSFULLY	ISOTEC	Will Caldicott Paul Dombrowski Prasad Kakarla
FORENSICS OF PINTSCH GAS PLANT BY PRODUCTS	META Environmental, Inc.	David Mauro
COMMUNICATING COMPLEX MIGRATION PATHWAYS	Ramboll	Patrick Kenny Brian Hennings
	WEC Energy Group	Frank Dombrowski
VOLUNTARY EARLY REMOVAL ACTION OF SEDIMENTS AT FORMER GREEN BAY MGP	Ramboll	Eric Hritsuk Staci Goetz Jennifer Hagen
	WEC Energy Group – Business Services	Robert Paulson
USING THE OPTICAL IMAGE PROFILING TOOL WITH A GREEN LASER DIODE (OIP-G) TO DETECT COAL TAR AT MGP SITES	S2C2, Inc.	Tom Koester
	Geoprobe Systems, Inc.	Wesley McCall
EVALUATION OF SMALL UNILAMELLAR VESICLES AS A REMOVAL METHOD OF BENZO[A]PYRENE FROM HUMIC SUBSTANCES IN SOILS	Temple University	Alexis Nawotka Bojeong Kim Stephanie Wunder
AN OVERVIEW OF THE HISTORIC MASSACHUSETTS MGP INDUSTRY		Thomas Speight
	University of Missouri at Rolla (Retired)	Allen Hatheway
PRINCIPAL THREAT WASTE – THE BENEFITS OF EARLY CONSENSUS	WEC Energy Group	Frank Dombrowski
	Ramboll	Marcus Byker
DOSE RESPONSE STUDIES PRIOR TO FIELD TESTS OF ISCO/ISS TREATMENT: EFFECTIVENESS OF USING CEMENT-PERSULFATE MIXTURES IN MGP SOILS	Western Michigan University	Daniel Cassidy
	Burns & McDonnell Engineering, Inc.	Vipul Srivastava
	WEC Energy Group	Frank Dombrowski
REMEDICATION OF FORMER RELIEF HOLDER AND SUBSURFACE PIPING, WORCESTER, MASSACHUSETTS	Wood Environment & Infrastructure Solutions, Inc.	Kim Henry Tony Delano Melinda Ferullo
	Eversource Energy Service Company	Gary Ladarola Matthew Calvert