



<p>In This Issue</p> <p>Obama Transition Influences Industry</p> <p>Hull Secures \$100 Million in Grants</p> <p>New Regulations Launching in '09</p> <p>NESC Effective January 1, 2009</p>	<p>Issue #4 December 2008</p> <p>Welcome to <i>Inside Hull</i>, our environmentally-friendly e-newsletter! We hope that you enjoy reading our fourth issue of 2008, and welcome any comments or suggestions you might have to improve our e-newsletter.</p>
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Obama Transition Will Strongly Influence Energy, Environment and Urban Revitalization Sectors

Appointments, plans and immediate actions announced by the Obama-Biden Transition Team are likely to significantly influence strategies for Hull and our clients in the energy, environment and urban revitalization sectors.

On December 15, 2008, President-Elect Obama announced his administration's energy and environmental team appointments. The background of these appointees reflects expected energy and environmental priorities for the new administration, including greenhouse gas (GHG) reduction, renewable energy, surface water protection and infrastructure improvement. The appointees are:

- *Dr. Steven Chu, Secretary of Energy* - Dr. Chu is the Director of Lawrence Berkeley National Lab, Professor of Physics and Molecular and Cellular Biology at University of California, Berkeley, and winner of the Nobel Prize for physics in 1997. This appointment reflects President-Elect Obama's stated intention to improve the role of science in energy and environmental policy-making.
- *Lisa Jackson, Environmental Protection Agency Administrator* – Ms. Jackson became the head of New Jersey's Department of Environmental Protection (NJDEP) in 2006. During her tenure at NJDEP, she helped develop the Northeastern states Regional Greenhouse Gas Initiative (RGGI). She has also focused on water issues, including expanding protections for surface waters that serve as sources of drinking water and habitat for endangered species.



President-Elect Barak Obama.
 Photo retrieved from *The Obama-Biden Transition Project*, <http://change.gov>

- *Nancy Sutley, Chair of the White House Council on Environmental Quality* – Ms. Sutley currently serves as the Deputy Mayor for Energy and Environment for the City of Los Angeles. She has previously served on the California State Water Resources Control Board and as Energy Advisor to Governor Davis. During the Clinton administration, Ms. Sutley was a Senior Policy Advisor to the Regional Administrator for the Environmental Protection Agency (EPA) Region.
- *Carol Browner, Assistant to the President for Energy and Climate Change* – This is a newly-created position. Ms. Browner is Principal of The Albright Group LLC. Prior to her current position, she served as Administrator of the U.S. EPA, a cabinet-level position she held for eight years. She also served as Legislative Director for former United States Senator Al Gore.
- *Heather Zichal, Deputy Assistant to the President for Energy and Climate Change* – Ms. Zichal currently serves as the co-chair for the Energy and Environment Policy Team for the Obama Transition Team. During her many years on Capitol Hill, she has been highly involved in legislative initiatives to create green jobs, tackle climate change, reduce dependence on oil, and protect natural resources like the Arctic National Wildlife Refuge.

The Obama administration is expected to implement actions and plans that will strongly influence the direction of the energy, environment and urban revitalization sectors, including:

- Boosting the U.S. EPA budget, especially for enforcement;
- Implementing strong measures to increase the rate of reduction of greenhouse gas (GHG) emissions;
- Quickly passing Cap-and-Trade legislation to address GHG emissions;
- Creating a National Energy Council and Assistants to the President for Energy and Climate Change to coordinate all policymaking related to global climate change;
- Creating a federal Renewable Portfolio Standard (RPS) that will require 25 percent of American electricity be derived from renewable sources by 2025;
- Creating a National Infrastructure Reinvestment Bank with \$60 billion over 10 years to provide financing to transportation infrastructure projects across the nation;
- Passing a hefty stimulus package of aid to states and public works spending;
- Significant funding for projects to rebuild infrastructure and schools; and
- Extending broadband and digital energy technologies to every community in America.

In addition, the Green Recovery Plan developed under the direction of Obama transition team leader John Podesta and his Center for American Progress is anticipated to be implemented to the extent possible. This plan includes:

- Spending \$100 billion in six green infrastructure investment areas, including:
 - Retrofitting buildings to improve energy efficiency;
 - Expanding mass transit and freight rail;
 - Constructing “smart” electrical grid transmission systems;
 - Wind power;
 - Solar power; and
 - Next-generation biofuels.
- To be paid for with proceeds from auctions of carbon permits under the greenhouse gas cap-and-trade program.
- The \$100 billion will be allocated as follows:
 - \$50 billion in tax credits for building retrofits and renewable energy;
 - \$46 billion in direct government spending on infrastructure; and

- \$4 billion for federal loan guarantees for investments in renewable energy.
- The current plan shows state-by-state allocations, with Ohio allocated \$3.7 billion to create about 86,000 new jobs.

Hull's market leaders continuously track developments in the new administration that may have an impact on our clients' strategies and needs. *For further information, please contact Bill Rish, Ph.D., in our Dublin office at 614.793.8777 or wrish@hullinc.com.*

In addition, our Government and Funding practice experts can support client advocacy initiatives and help obtain available government funding and financial incentive packages. *For further information, please contact Kara Allison, APR, in our Dublin office at 614.793.8777 or kallison@hullinc.com.*

Hull Helps Clients Secure More Than \$100 Million in Grants

Hull just surpassed the \$100 million mark for successful grant awards for our clients. This huge milestone was met at the Clean Ohio Council meeting in mid-December where four grants that Hull helped prepare were awarded \$8.9 million. These include the Goodyear Headquarters project in Akron; the Grandview Yard Development in Grandview Heights; the Fiberglas Tower project in Toledo; and the Great Lakes Towing Expansion Project in Cleveland. Since 1997, Hull has helped our clients prepare 79 successful grants worth \$104,666,407 for a variety of environmental projects, including brownfields assessments and cleanups, green space preservation, stream restoration, watershed protection, and shovel-ready site development. A few noteworthy facts:

- Hull has successfully worked with its community partners to prepare:
 - 27 Clean Ohio Revitalization Fund grants;
 - 9 Clean Ohio Assistance Fund grants valued;
 - 4 Ohio Job Ready Sites;
 - 21 U.S. EPA assessment, cleanup and revolving loan fund grants; and
 - Many other grants from a variety of programs.

Hull's success in securing funding is a result of the formation of strong project teams from the public and private sector. Hull dedicates engineers, scientists, financial experts, and public relations professionals to provide a comprehensive approach to preparing grant application materials.

Hull is a project development and engineering company that helps businesses and government solve complex challenges related to land, energy and the environment – transforming undervalued resources into viable community assets. We leverage our expertise in property redevelopment, waste management, industrial applications, energy, and environmental engineering to devise a solution to meet our clients' needs. We develop an integrated plan based on specific project needs and objectives and assist with execution and oversight of that plan.

For more information on our funding success or to hear how we can help you, please contact Jenny Carter-Cornell, Hull's Director of Funding and Government and Community Relations at 419.385.2018 or jcornell@hullinc.com.

New Regulations Will Launch in 2009

New regulations will take effective in 2009 and are likely to have a significant impact on the regulated industry. Some that may be at the forefront include:

RCRA 2020 Corrective Action Universe

The U.S. EPA launched a program in 2004 calling for all significant RCRA facilities to reach "Construction Complete" by 2020. In the meantime, EPA is also obligated under the Government Performance and Results Act (GPRA) to have a final remedy decision in place at 36% of the 1,968 sites on the "2008 Baseline," and have final remedies constructed at 27% of those sites. At the end of 2008, the "RCRA Cleanup Baseline" will be expanded to 3,746 facilities listed in what is called the "2020 Corrective Action Universe." To achieve "construction complete" at those facilities in the 2020 Corrective Action Universe will take significant efforts by federal and state regulators working with these site owners and operators. In Ohio, the Ohio EPA suggested that the Voluntary Action Program could be a vehicle to help accomplish this goal.

**Ohio Surface Water Quality Section 401 Revisions**

The definition of waters of the United States under the Clean Water Act no longer includes isolated wetlands, streams and lakes/ponds. However, these are considered waters of the state under the Ohio Revised Code. Revisions to the Ohio Section 401 Water Quality Certification Rules have been drafted that establish state water quality permitting requirements for isolated streams and lakes/ponds. Comments on these revisions were due in late October and the revisions are expected to be finalized in 2009. Under the revisions, a new designation will be created called "Lake Habitat" for lakes, including isolated reservoirs and ponds such as those located on private industrial sites. These can be natural or constructed pooled or impounded waters. The more stringent water quality criteria that will apply to these waters may result in additional wastewater treatment requirements.

New Storm Water Control Requirements for Construction Sites

New requirements may go into effect in 2009 for storm water discharges from construction sites, including stringent numerical turbidity (sediment) limits. Depending on their size, construction sites permitted under the NPDES will need to implement erosion and sediment control measures or treat discharges to meet a numeric limit on turbidity. Key provisions of the proposal include:

- All construction sites would be required to implement erosion and sediment control best management practices (BMPs) to reduce pollutants in storm water discharges.
- Sites disturbing 10 or more acres at a time would be required to install sediment basins to treat storm water discharges.
- Sites disturbing 30 or more acres in areas of the country with high rainfall intensity and soils with high clay content would be required to meet a numeric limit on turbidity in discharges.

According to EPA, these sites may need to use chemical treatment and filtration to meet the proposed numeric limit.

REACH – European Product Regulation for Chemical Risk

The European Union has promulgated a sweeping new chemical regulation that applies to all products containing chemicals manufactured in or imported to the EU. REACH stands for Registration, Evaluation and Authorization of Chemical substances. REACH imposes a series of complex obligations on manufacturers, importers and users of chemicals and products containing chemicals. A firm's failure to

comply may result in the inability to market chemicals or products in Europe. Manufacturers and importers must collect, analyze and submit chemical risk information. The regulation also impacts chemical distributors and downstream users including industries not typically considered to be producing chemical articles. Pre-registration of chemicals and products began in 2008 and the program is expected to move into high gear in 2009.

For more information on these regulations and assistance in achieving compliance with them, contact Bill Rish, Ph.D. in our Dublin office at 614.793.8777 or wrish@hullinc.com.

New National Electrical Safety Code (NESC) Rule Effective January 1, 2009

Effective January 1, 2009, employers will be required to ensure that an assessment is performed to determine potential exposure to an electric arc for any employees working on or near energized parts or equipment. This new rule focuses on safety in the design and installation of electric equipment in the workplace as well as employee safety work practices.

An arc-flash is the energy released when a short circuit causes electric current to pass through the air. If it occurs, an arc-flash results in an explosion of intense heat, blinding light, and toxic smoke. Persons in the vicinity of an arc-flash can experience severe burns, internal damage, blindness, hearing loss, and death.

Are You Ready to Comply?

If you are the owner of electrical equipment, you have a responsibility to protect workers and the public from arc-flash hazards. Arc-flash hazards must be identified, workers must be trained and protective measures must be implemented. Under the new rule, employers will be required to:

- Assess the work area to determine the potential arc-flash hazard that is present, using one of the methods outlined in the NESC, and require employees to wear clothing or a clothing system that has an effective arc rating not less than the potential arc-flash hazard present;
- Inform each employee working with communications or electric supply equipment of the safety rules governing their conduct;
- Provide training to all employees who work in the vicinity of exposed energized facilities;
- Ensure that each employee has demonstrated proficiency in required tasks and provide retraining for any employee not following work rules; and
- Implement positive procedures to secure compliance with these rules.

Did You Know?

The NESC addresses practical safeguarding of persons during the installation, operation, or maintenance of electric supply and communication lines and associated equipment. This standard addresses arc-flash hazards for open air single line to ground faults, on systems greater than 1000V. For systems less than 1000V, or faults that may happen within an enclosure, you are required to use the NFPA 70E: Standard for Electrical Safety in the Workplace and the IEEE Std. 1584: Guide for Performing Arc-Flash Hazard Calculations. Hull has the experience to assess electrical hazards for all types of electrical systems to bring your company into full compliance.



Arc-flash

We Can Help

Hull can help you comply with the important arc-flash protection requirements. Our experts have extensive experience in electrical safety, electrical systems and controls design, as well as utility operations and delivery.

Let us help you comply with electrical safety requirements in the workplace and provide excellent protection for you and your workers. Hull will host informational breakfast seminars in early 2009.

If you have any questions or would like further information, please call Andrew Holtom, PE, Electrical Engineering Division Leader, in our Dublin office at 614.793.8777 or aholtom@hullinc.com.

Employee News**Hull Principal Receives LEED® AP Certification**

Hull is a demonstrated leader in incorporating sustainable concepts and environmental improvements into both the engineering and project development services it provides to clients, as well as its internal operations. Because Hull strives to be an industry leader in engineering, energy and environmental consulting, we are pleased to announce that Mark J. Bonifas, PE, Hull's Civil Engineering and Construction Services Division Leader, is now certified as a Leadership in Energy and Environmental Design Accredited Professional (LEED® AP).

LEED® Accredited Professionals (LEED® APs) are building industry professionals who have demonstrated a thorough understanding of green building and the LEED® Green Building Rating System. Administered by the Green Building Certification Institute, the LEED® AP credential indicates that the professional has the knowledge and skills to facilitate the LEED® certification process. Bonifas, who is certified in New Construction, received his LEED® AP certification in November. He joins a group of more than 60,000 professionals nationwide who have earned the credential since the program was launched in 2001.



Mark J. Bonifas, PE,
LEED AP

Hull's corporate commitment to green stewardship is demonstrated daily through our "Hull Goes More Green" companywide sustainability program. Hull's sustainability program includes many readily-implementable and measurable tactics, such as having more web-based meetings to help reduce travel, improving the energy efficiency of its five offices, using green cleaning products, and recommending low-impact development or renewable energy activities for client projects.

For more information regarding LEED® certification or sustainable design ideas for your project, contact Mark Bonifas, PE, LEED AP in our Dublin office at 614.793.8777 or mbonifas@hullinc.com. For more information on Hull's sustainability program, please contact Teresa Crego, Corporate Administrator, in our Dublin office at 614.793.8777 or tcrego@hullinc.com.

Corporate News

K&H Energy Services Becomes Part of Hull's Brand

Hull is pleased to share some exciting news with you! Effective January 1, 2009, K&H Energy Services, now recognized as Hull's Electrical Engineering Division, will become a fully-integrated brand of Hull. K&H has operated as a division of Hull since 2005 and now, under the Hull brand, will continue to offer the same quality electrical engineering, control systems automation, and electrical safety services as well as development of alternative and renewable energy projects.

For over 10 years, K&H personnel have provided electrical engineering, control systems automation, and energy services for industrial and municipal clients. Hull will continue to offer these same excellent services, providing a diverse solution for our clients with the ability to provide automation, energy and engineering services for a wider range of projects. Through our collaborative staff and combined experience, we advise our clients of options available to solve challenging problems and implement creative solutions.

Our electrical engineering staff looks forward to growing our reputation with you under the Hull brand!

For more information on this brand integration or Hull's Electrical Engineering Division, please contact Andrew Holtom, PE, Electrical Engineering Division Leader, in our Dublin office at 614.793.8777 or aholtom@hullinc.com.

Awards

Hull Project Receives Outstanding Marinas and Harbors Award

The States Organization for Boating Access (SOBA) recently presented the 2008 Outstanding Project - Marinas and Harbors Award to the Glass City Marina Project in Toledo, Ohio. Nominated by the Ohio Division of Watercraft, the brownfield redevelopment initiative is part of a historic industrial waterfront being redeveloped into a commercial/residential multi-use center.

Hull led efforts to prepare the successful Federal Boating Infrastructure grant and completed the Environmental Assessment for a Finding of No Significant Impact by the U.S. Fish and Wildlife Service.

For more information, please visit the SOBA website at <http://www.sobaus.org/awards/awards.html> or contact Bill Burkett, RS in our Toledo office at 419.385.2018 or bburkett@hullinc.com.



Glass City Marina, Toledo, Ohio