



All NOVA Chemicals manufacturing sites routinely conduct environmental testing, including water quality monitoring.

A STRONG COMMITMENT

NOVA CHEMICALS AND RESPONSIBLE CARE

By George Mihalovich

Responsible Care® is the foundation of NOVA Chemicals' culture, and implementing its principles is the best way to ensure the operation of a continuously improving, socially responsible, and sustainable business. NOVA Chemicals' approach to managing health, safety, security, environmental protection, and sustainability is implemented primarily through Responsible Care. NOVA Chemicals was a charter member of Responsible Care when it was introduced more than 20 years ago, and the company's commitment to its principles has never been stronger.

As Responsible Care progressed, it provided the framework to address the larger issues of social responsibility and sustainability. These concepts have become increasingly important and through its membership with the Canadian Chemical Producers' Association (CCPA), NOVA Chemicals actively supported and participated in the development of the new Responsible Care ethic and principles for sustainability.

NOVA Chemicals has a leadership role in the revision of the Codes of Practice, intended to provide guidance to the chemical industry on how to implement the new principles. The company also collaborates with its chemical industry peers to learn how to practically, efficiently and economically implement the new principles.

As the CCPA continues to refine its approach and implement requirements based on the new sustainability principles, NOVA Chemicals will align these requirements into its current programs and processes.

Employee and Community Education and Outreach

NOVA Chemicals encourages its employees to be involved in the implementation of the new Responsible Care ethic and principles, as well as to act as ambassadors for the chemical industry by promoting the principles with external audiences.

At the same time, it is important that community members understand NOVA Chemicals' sustainable practices and ongoing efforts to continually improve in this area. Through community advisory panels and similar efforts, NOVA Chemicals maintains open dialogues with local communities and residents, works to inform them of progress on sustainable initiatives and related issues and makes concerted efforts to understand and respond to their concerns.

Product Stewardship

NOVA Chemicals invests in the improvement of existing products and the development of new products that meet the needs of its customers while providing benefits to the environment and society. The focus of the company's product stewardship program is to make health, safety and environmental protection an integral part of the development, manufacturing, handling, use, and disposal of chemical and polymer products.

NOVA Chemicals encourages its customers, suppliers and carriers to adopt Responsible Care principles through its Responsible Care Outreach Program. This program helps these stakeholders understand the program's principles and outlines the expectations for conducting business with NOVA Chemicals.

Environment

NOVA Chemicals believes that GHG emissions and air quality are important public policy issues and require the involvement of all stakeholders. To this end, the company works co-operatively with others in the industry, multi-stakeholder groups, communities, and governments to develop and implement effective solutions.

NOVA Chemicals continually works with North American federal, provincial, and state governments to encourage environmental regulations that are economically sustainable and support the development of transformational technology that can be shared globally.

NOVA Chemicals has been actively working to reduce greenhouse gas (GHG) emissions intensity since 1990. Direct GHG emissions intensity was reduced by more than 13 percent from 2003 to 2007, and the company anticipates an overall GHG emissions intensity reduction of 20 percent in the 2000–2010 timeframe.

Process Safety Management

The core of NOVA Chemicals' advocacy for improving process safety management and the implementation of process safety metrics is active participation on work committees led by the Center for Chemical Process Safety, the American Chemistry Council and the CCPA.

Process fire prevention is an area of particular focus at NOVA Chemicals and its approach is viewed as an industry best practice. As a result of these efforts, in 2007, process fires were reduced to their lowest level since NOVA Chemicals started collecting this data. NOVA Chemicals actively shares information about process fires and their prevention with peer companies, and encourages the development of industry standard definitions and methodologies to broaden the use of this approach.

Emergency Preparedness and Security

Each of NOVA Chemicals' facilities is ready to respond to crisis situations in order to protect their workers, the community, and the environment. NOVA Chemicals believes that proactive involvement and planning with regional support services plays an important role in protecting employees, communities, and operations and the company continually re-evaluates and tests its security through drills with community emergency responders.

NOVA Chemicals fully supports the CCPA, the American Chemistry Council and peer member companies as they work to ensure that Responsible Care continues to meet the needs of society. To learn more about NOVA Chemicals' Responsible Care efforts, please visit www.novachemicals.com. **ACCN**

George Mihalovich works in Responsible Care Communications at NOVA Chemicals.



2009 SCI Canada Annual Awards Ceremony and Dinner

The Canadian section of the Society of Chemical Industry (SCI) will confer four awards in recognition of major achievement in service, industry, and leadership at the 2009 SCI Canada Annual Awards Ceremony and Dinner.

"These awards acknowledge outstanding contributions to development and implementation of strategies that have resulted in the strengthening of Canadian industry, academic, or research institutions in the field of chemistry."

*Graham Knowles
SCI Awards Chair
GKCI President*

The event will be held on **Thursday, March 26, 2009**, at the Sheraton Centre Toronto Hotel, 123 Queen Street West, Toronto, ON.

To register, please visit www.cheminst.ca/sci_awards.

For more information, please contact scidinner@cheminst.ca or call Michelle Moulton at 613-232-6252 ext. 229.