



# Attachment #2

## *Environmental Performance*

North Shore Environmental Construction, Inc. (NSEC) is an environmental contractor specializing in hazardous and non-hazardous material, emergency response and environmental site remediation. The objective of our company, since inception in 1989, has been ensuring the environment's well-being. To achieve this objective we offer a wide variety of services that are backed by both knowledge and experience. On a daily basis we address moderate to severe risks that threaten both human and environmental health.

## *Past & Current Performance*

### **Waste Management**

- Persistent control of contaminants from leaching into our soils and entering our waterways
- Thorough examination of material to determine potential value other than being characterized as a waste
- Maintain strict guidelines when handling and disposing of accumulated waste
- Various outlets for materials that meet requirements for recycling or reuse
- Implementation of beneficial reuse practices when practical and when conforming to regulatory requirements
  - Water recycling – reuse of treated wastewater
  - Waste to energy facilities – waste incinerated and converted to electricity
  - Concrete, asphalt and drywall decontamination – reused for future projects
  - Reblend of materials back into the original product for distribution

### **Reducing our Carbon Footprint**

- Equipment maintained daily and updated regularly ensuring absolute efficiency
- Rotation of newer equipment with the most current regulatory emission controls
- Reduction of released carbon fumes with addition of flex fuel vehicles for project managers
- Minimization of drive and fly time by utilizing webinars
- Reusable utensils, cups, plates and bowls for use in office kitchen
- Discourage use of plastic water bottles brought from home with onsite water dispenser
- Termination of business name on 'junk mail' mailing lists
- Group client visits to minimize drive time
- Stone, sawdust and floor dry purchased locally
- Non-essential personnel work from home on inclement weather days

### **Water Treatment**

- Creation of a wastewater treatment system to aid various industries, utilities, commercial developers and contractors who produce wastewater during construction or development that has de minimis quantities of contaminants in several EPA Categories

- Removal of PCBs and chlorinated solvents from contaminated groundwater through on-site wastewater treatment system prior to discharge
- Production of dischargeable water at or below the applicable federal and local limits, via total suspended solids reduction, to below MMSD's acceptable discharge limit
- Reduction of suspended solids being discharged into waterways thus minimizing large scale sediment projects
- Eliminates the need to drive out of our way to dispose of any collected wastewater

### **Environmental Relationships**

- WDNR awarded NSEC with a contract to provide emergency response services for cleanup of non-hazardous and hazardous waste (all hazards). These materials pose threats to health, safety, welfare and the environment in various regions throughout the state.
- A number of our employees are FET (Federation of Environmental Technologists, Inc.) members. FET offers NSEC education on environmental regulations, compliance issues and technological developments.
- NSEC is a WWOA (Wisconsin Wastewater Operators' Association) member. As a member we take pride on the efficient, non-polluting operation of the Wisconsin wastewater treatment facilities.

## *Future Performance Plans*

### **Office Equipment**

- Continue purchasing Energy Star office equipment
- Activate power management features on computers and monitors
- Unplug cords that are not in use
- Turn off equipment at the end of the day
- Use rechargeable batteries
- Use updated technology based equipment

### **Better Utilize Beneficial Reuse**

- Continue meeting and attending Environmental conferences to stay current with methods and alternatives
- Search for more beneficial reuses and recycling options

### **Reduce, Reuse, Recycle**

- Purchase more recycling bins
- Print less
- Print on both sides of the paper
- Route faxes electronically
- Buy supplies made with recycled content
- Purchase low flow plumbing fixtures

### **Lighting**

- Install light sensors in less used spaces to turn off lights automatically when area is unoccupied
- Replace low efficiency lighting with higher efficiency compact fluorescents or LEDs
- Increase natural lighting in areas that are feasible

### **HVAC System**

- Schedule heating and cooling systems to go on during pre-determined hours
- Dependent of the season, let the system run hotter or cooler in off-hours

### **Cleaning Supplies**

- Change to using products that are non-toxic

### **Water Reuse**

- NSEC wastewater treatment system has recently been approved by the WDNR
- In time we plan to treat the water to the point where it can be reused rather than dumped into the sewer system
- Treated water could potentially be used to help water shortage problems in our community

### **Growth of Environmental Relationships**

- NSEC is planning to strengthen relationships with current affiliations

### **Sustainable Marketing**

- Purchase 'eco-friendly' promotional products

### **Energy**

- Explore alternative energy options
- Conduct an energy audit
- Explore We Energies online management tools
- Explore programs and incentives offered by Focus on Energy

*These items will be incorporated into an Environmental Management System program that NSEC will develop as part of the Green Tier program. The completion and acceptance of the North Shore's EMS plan will be the baseline date to which future results will be compared.*