MISSOURI WATER ENVIRONMENT ASSOCIATION

Member of the
Water Environment Federation

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2021 MWEA Industrial Safety and Industrial Water Quality Achievement Award Nomination Announcement

The **Missouri Water Environment Association (MWEA) Industrial Wastewater Committee (IWC)** would like to invite qualified industries and engineering consultants to submit nominations for two prestigious awards, the ***2021 MWEA Industrial Safety Award*** and the ***2021 MWEA Industrial Water Quality Achievement Award***.

The **MWEA Industrial Safety Award** is presented to two industrial facilities (small and large flows) that demonstrate the best safety rating. Information regarding the award and a survey to evaluate potential awardees are enclosed. Please take the time to participate by completing and submitting the survey to Mark Pearson at the email or mailing address indicated below by **March 1, 2022**.

The **MWEA Industrial Water Quality Achievement Award** is presented to one industrial facility that best demonstrates significant, lasting, and measurable excellence in water quality improvement or in the prevention of water quality degradation. The award criteria are included on the enclosed sheet. Nomination submittals should follow the enclosed award criteria and should be sent to Mark Pearson at the email or mailing address indicated below by **March 1, 2022**.

The IWC will judge the entries and select the awardees. Both awards will be presented during the Awards Luncheon on **Monday, March 28th, 2022** at the MWEA/AWWA Joint Annual Meeting, which will be held at the Margaritaville Lake Resort in Osage Beach, Missouri. Meeting registration information will be posted on the MWEA website at www.mwea.org. The winning entries will be contacted prior to the meeting to inform them of the results, and to confirm that someone will be present to accept their award. The results will also be published in the MWEA Newsletter that is delivered to all members.

If you have any questions, please contact:

Mark Pearson
SCS Engineers
8575 W. 110th Street, Suite 100
Overland Park, KA 66210
(913) 403-6493
mpearson@scsengineers.com

The Industrial Wastewater Committee thanks you for your interest and participation

2021 MWEA INDUSTRIAL WATER QUALITY ACHIEVEMENT AWARD

The Industrial Water Quality Achievement Award is presented to a corporation and, if applicable, to its engineering firm that best demonstrates significant, lasting, and measurable excellence in water quality improvement or in the prevention of water quality degradation as demonstrated by innovative design and operation of an industrial wastewater, pretreatment or source prevention program.

Criteria:

1. The program should be operated by an industry or show significant input by industry.
2. Joint awards between industrial and engineering consultants will be made for innovative designs or process alternations or management.
3. The program location must lie within the boundaries of the State of Missouri.
4. A program is eligible during a five-year period immediately after documented results become a matter of public record. Re-nominations may be made.
5. The program must demonstrate a significant achievement in design, operation, or process change resulting in demonstrated long-term water quality improvement. The application should give significant detail as to the nature of the engineering or scientific advances leading to the improvement. Examples of criteria are one or more of the following:
    a. Detailed summary data showing significant reduction in classic macro pollutants, e.g. BOD, COD, N, P, TS, FOG; discharged to the receiving stream or municipal sewer.
    b. Detailed summary data showing significant reduction in micro pollutants, e.g. chlorinated hydrocarbons, pesticides, metals, or hazardous compounds to the receiving stream or municipal sewer.
    c. A method of source reduction by process alternation which demonstrates reduction of water used or water pollution.
    d. A method of source reduction by product alternation which demonstrates reduction of water used or water pollution.
    e. A method of materials recycling resulting in lower water use, or lower water pollution generation.
    f. A method of waste water treatment involving energy saving without loss of efficiency.
    g. Innovations resulting in the protection of groundwater, soil, or air from a new or existing industrial wastewater treatment facility.
    h. An environmental management strategy or training program that increases environmental awareness and results in significant source reduction or water pollution prevention.

Submit:

1. Letter requesting nomination from the potential award recipient or a representative (i.e., engineering firm)
2. Body of Application:
    a. Problem statement and program goals
    b. Problem solution
    c. Unique scientific or engineering or management skills embodied in the program
    d. Evidence of attainment of goals (at least one year of data)
    e. External references from a municipal, state or federal agency
    f. Summary of why the program is worthy of award.

Nominations Accepted From:
Corporation or engineering firm on its behalf

Nominations Deadline:
Nomination application materials should be submitted to the MWEA Industrial Wastewater Committee Chairman at the following address by **March 1, 2022**:

Mark Pearson
SCS Engineers
8575 W. 110th Street, Suite 100
Overland Park, KA 66210
(913) 403-6493
mpearson@scsengineers.com

MISSOURI WATER ENVIRONMENT ASSOCIATION
INDUSTRIAL WASTEWATER COMMITTEE
2021 SAFETY SURVEY FORM FOR
INDUSTRIAL WASTEWATER TREATMENT PLANTS

To be eligible for the award, the facility must be an Industrial Wastewater Treatment Plant in the State of Missouri, and the facility has not been a recipient of this award within the last three years. Complete the form in full and return by **March 1, 2022**. Please print or type the information on this form.

SECTION A. General Information

1. Name of Organization or Company _____
2. Name of Treatment Facility _____
3. Mailing Address _____
   _____
   _____
4. Contact Person _____
5. Title of Contact Person _____
6. Phone Number _____
7. Fax Number _____

SECTION B. Safety and Accident Data for Calendar Year 2021

1. Number of WWT Facility employees (Including Supervisors) _____
2. Total hours worked by WWT Facility employees [(1)] _____
3. Total number of work injuries on the job. _____
4. Number of injuries in No. 3 requiring First Aid. _____
5. Number of injuries in No. 3 requiring Medical Assistance. _____
6. Total working hours lost due to work injury [(2)] _____
7. Total days lost due to work injuries. _____
8. Number of fatal accidents. _____
9. Does the Facility have a formal safety program? _____
10. List the important aspects of the Safety Program. _____
    _____
    _____

(1) If exact hours are not known, assume one full-time employee works 235 days per year, or 1880 hours per year. Include contractor and sub-contractor hours for plant operation services.

(2) Include all hours lost for injury whether first aid or medial assistance was required or not.

SECTION C. Disabling Injuries.

Indicate the total number of work related disabling injuries or lost time accidents for the categories listed below that occurred at your treatment plant during the calendar year.

1. Type of Injury

____ Chemical Burn
____ Thermal Burn (Fire, electrical, temp)
____ Foreign Body
____ Fracture
____ Irritation (Bites, stings, abrasions)
____ Other (specify) _____

____Respiratory
____Strain
____Sprain
____Wound (Cuts, bruises, ruptures)
____Occupational Illness

2. Causes of Accident

____ Struck by falling or flying objects
____ Struck against stationary or moving object
____ Struck against sharp or blunt object
____ Sprain/strain in lifting or pushing object
____ Sprain/strain due to awkward position or slip
____ Falls to different level from stairs or ladder
____ Falls to same level from working surface
____ Contact with electric current

____Contact with temperature extremes
____Contact with caustic/acid or toxic sub.
____Caught in, under or between objects
____Animal or insect bites
____Rubbed or abrasions
____Occupational illness
____Motor vehicle
____Other (specify) _____

3. Site Location

____ Preliminary Treatment
____ Tanks or settling basins/pits/ponds
____ Chemical/disinfection equipment
____ Sludge handing equipment
____ Pump stains, wet or dry pits
____ Pipes, valves, overhead fixtures
____ Electrical equipment

____Walkways
____Laboratory
____Off-site work related
____Internal housekeeping/maintenance
____Motor vehicle
____Maintenance shop/yard
____Other (specify) _____

4. Part of Body

____ Foot	____Face (including eyes, nose and mouth)
____ Leg	____Head
____ Pelvic Region	____Back
____ Chest	____Arm
____ Shoulder	____Hand
____ Neck	____Other (Specify) _____

5. Employee Experience (Indicate number of injuries based on Employee's work experience.)

____ 0 to 2 Years	____ 5 to 10 Years	____ Greater than 15 years
____ 2 to 5 Years	____ 10 to 15 Years	

Section D. Treatment Facility Information

1. Facility NPDES/POTW Permit Number _____
2. Average Daily flow in Million Gallons _____
3. Check Applicable Treatment Elements

____ Sodium hydroxide metals precipitation	____Aerated lagoon
____ Lime-metals precipitation	____Primary treatment
____ Electrochem precipitation	____Sludge thickening
____ Comminutors	____Land application
____ DAF/Oil & grease removal	____Trickling filter
____ Grit removal	____Activated sludge
____ pH adjustment	____Aerobic digestion
____ RBC	____Anaerobic digestion
____ Cyanide destruction	____Vacuum filters
____ Incineration	____Filter press
____ Reverse osmosis/ion exchange	____Belt press
____ Pure oxygen	____Effluent pumps
____ UV/Hydrogen peroxide	____Drying beds
____ Gravity filters	____Lift station
____ Air strippers	____Biofilters
____ Activated carbon	____Lagoon
____ Disinfection	____MBR System

____ Other (specify) _____

Form Completed By:_____ **Date:** _____