CERTIFICATE OF ACHIEVEMENT IN ENVIRONMENTAL EXCELLENCE

Entry Packet

For Calendar Year 2019

Entry Deadline is January 15, 2020

Illinois Association of Aggregate Producers
1115 S. 2nd Street
Springfield, Illinois 62704
217-241-1639

INTRODUCTION

With over 50 years of regulatory oversight in its rearview, the aggregate industry in Illinois has taken many positive steps to improve its environmental policies, principles and practices.

The IAAP Environmental Committee believes that the time is right to recognize those producer members who have taken exemplary strides to comply with the multitude of Federal, State and local regulations concerning the protection of our air, water and land. These efforts not only reward the company specifically, they reward the industry, and may help to enhance the public's perception of both in the process.

Educating the membership is a primary service of the IAAP and evaluating performance should be part of the process. The IAAP is pleased to offer each Illinois producer facility the opportunity to apply for a Certificate of Achievement in Environmental Excellence award. In doing so, the IAAP hopes to encourage added participation and increase environmental performance as part of its effort to create a sustainable future for our industry.

ELIGIBILITY

Producer members meeting a minimum score for the criteria detailed in this award packet are eligible for the certificate of achievement. Entries may be submitted for each operation or operating unit of the company (e.g. portable plant). For example, a company with five (5) operations may submit an application for each operation.

CRITERIA

The application packet consists of a checklist which identifies the core environmental aspects that impact operating facilities within our industry. In order to demonstrate that a company or operation satisfies a specific environmental aspect, a form of documentation is required. Companies or operations that meet the point scale requirements will receive a certificate of achievement.

SUBMITTAL

There is no set format for submitting your award application; however, the IAAP recommends that you assemble your award application and submit it electronically in a Word or PDF file to the IAAP office (shawn@iaap-aggregates.org). Most criteria may be satisfied with a written description of activities and supporting documents and photos, where available or required on the checklist. The application can also be submitted in a binder with all appropriate documentation. Note that the checklist has a "Documentation Required" column which specifies the supporting documents needed to complete your application.

The application packet must be received at the IAAP office no later than **January 15, 2020** to be considered for the 2019 awards.

Entries may be submitted for *each* company location. For example, a company with five operations may submit an application for each operation.

JUDGING

A panel of judges made up of members of the IAAP Environmental Committee will evaluate all applications. At least two (2) judges must agree on the merits of the entry for it to be successful.

Each criterion has a designated point value. There are a total of 36 points available. A company location must attain a total of 10 to 19 points to qualify for a Silver Certificate of Achievement; 20 to 27 points to qualify for a Gold Certificate of Achievement; and, 28 or more points will qualify for a Platinum Certificate of Achievement.

QUESTIONS

Shawn McKinney, IAAP Outreach Manager, can answer questions regarding the Certificate of Achievement or refer you to a member of the Environmental Committee. Shawn can be contacted by email (shawn@iaap-aggregates.org) or telephone (217-241-1639). *The judging team will only answer questions regarding interpretation of the award criteria.*

DISCLAIMER

The IAAP will retain the original application and supporting documents until judging is complete. The information will be kept confidential and any hard copies of the application will be returned to the applicant within 30 days after the annual convention. A copy of the evaluation form used during the judging process will also be returned to the applicant.

NEW FOR 2019

- For aspect #1, your company's environmental policy must be signed by a senior member of management.
- For aspect #18, expanded to include accepting or conducting recycling of construction and demolition debris and/or beneficial re-use any other materials.
- For aspect #20, your location's engineering improvements, or behavioral changes that reduce energy consumption must have been completed in 2019.

Certificate of Achievement in Environmental Excellence

Supporting Documentation Instructions

ENVIRONMENTAL ASPECTS

1. *Does your company or location have a written Environmental Policy?* **[2 pts.]**
   Provide a copy of the policy. The policy must be signed and dated by a senior member of management.
2. *Does your location conduct an annual environmental audit or inspection?* **[3 pts.]**
   Briefly describe the procedure for conducting an audit or inspection.
3. *Do all of your operations' employees receive annual environmental training?* **[3 pts.]**
   Briefly describe training program, including frequency of training and if the training is administered by internal or external personnel. Note: this is for training administered in addition to or outside of SPCC/SWPPP plan requirements.
4. *Does your location have an air permit (issued by the Illinois Environmental Protection Agency) or an Agency-issued exemption from permitting?* **[1 pt.]**
   Provide a copy of the permit cover page with permit ID number only. Do not provide a copy of the entire permit. The permit may cover other support activities such as an asphalt plant or concrete batch plant, but must be specific to quarry operations.
5. *Does your location have a Fugitive Dust Plan?* **[2 pts.]**
   Provide a copy of the plan. Note that the plan must meet minimum state requirements as listed in Title 35 of the Illinois Administrative Code Part 212 (35 IAC Part 212). The plan must be signed and dated by the environmental and/or supervisory staff. Note: If your facility does not have a plan, guidelines are included in this entry packet to assist you with preparing a document which will meet these criteria.
6. *Does your location have an employee certified in Method 9 - Visible Emissions Evaluation?* **[1 or 2 pts.]**
   Provide a copy of the employee's current certification and anticipated schedule for re-certification. 1 point will be awarded for an employee located at company owned location other than this facility. 2 points will be awarded for an employee located at this facility
7. *What form(s) of dust control methods does your location utilize (i.e. wheel wash)?* **[3 pts.]**
   Describe site-specific dust control measures and/or inventory of current dust control equipment and best management practices (BMPs) in use for the location. Examples of dust control measures may include wheel wash, water truck, sweeper, or processing plant dust sprays. Provide a typical photograph for each dust control method used at the site.

8. *Does your location have the appropriate National Pollution Discharge Elimination System (NPDES) Water and/or Storm Water permits, if applicable?* **[1 pt.]**
Provide a copy of the permit cover page or permit ID number for each. If both are included under the same permit, provide an explanation of coverage. Do not provide copy of entire permit. The permit may cover other support activities such as an asphalt plant or concrete batch plant, but must be specific to quarry operations.

9. *Does your location have a Mine Related Pollution Control Waste permit, if an NPDES permit is not required?* **[1 pt.]**
Provide a copy of the permit cover page or permit ID number. Do not provide copy of entire permit.

10. *Does your location have a Storm Water Pollution Prevention Plan (SWPPP), if required?* **[1 pts.]**
Provide a copy of the cover page and the signed and dated certification pages of the plan. Do not provide the entire plan document. Please note that the SWPPP must be current (within the term of the current NPDES storm water permit).

11. *If not required, does your location have a Storm Water Pollution Prevention Plan (SWPPP) as a best management practice (BMP)?* **[2 pts.]**
Provide a copy of the cover page and the signed and dated certification pages of the plan. Do not provide the entire plan document. Please note that the SWPPP must be current (within the term of the current storm water permit or the last 5 years).

12. *Does your location require and have a Spill Prevention, Control, and Countermeasures Plan (SPCC), if applicable?* **[1 pt.]**
Provide a copy of the cover page and the signed and dated certification pages of the plan. Do not provide the entire plan document. Please note that the SPCC must be current (within the last 5 years).

13. *Do you have an emergency spill response program, if a SPCC or SWPPP Plan is not required for your site?* **[2 pts.]**
In some cases, because a SPCC or SWPPP Plan is not required, a location may have a specific plan for responding to spills. Briefly describe the program, including training procedures and personnel responsibilities.

14. *Does your location have a Reclamation Plan on file with the Illinois Department of Natural Resources or appropriate local unit of government, if applicable?* If you are inspected by or pay an annual permit or operating fee to a governmental agency specifically for the purposes of land reclamation, you will receive 1 point. **[1 pt.]**
Provide a copy of the cover page/green sheet or permit, inspection report for 2019, or documentation of payment of fee (i.e. invoice, etc.).

15. *Does your location have a formal complaint response program?* **[2 pts.]**
Describe the components of the complaint response program, including procedures followed to respond to a complaint, the process used to follow up on complaints, roles and responsibilities for personnel who respond to complaints, and documentation used (i.e. complaint response forms, emergency contact information, etc.)

16. *Does your location have an office recycle program (i.e. paper, glass, plastic, cans) or shop recycling program (i.e. tires, metal, used oil)?* **[2 pts.]**
Briefly describe the location's recycle program and what materials are recycled.

17. *Has your location been inspected based on a citizen complaint or received a request for information, letter of warning, Notice of Violation (NOV), a citation, or a fine during 2019?* **[up to 3 pts.]**
This pertains to any local, state, or Federal agency-issued enforcement action, Notice of Violation, citation, or fine. Examples could include: Cook County, City of Chicago, Illinois Environmental Protection Agency, Illinois Department of Natural Resources, Office of the Illinois State Fire Marshal, or the U.S. Environmental Protection Agency. If your response is "No", 3 points will be awarded. If your response is "Yes" and the outcome was no enforcement action, you will receive 3 points; however, partial points may be awarded as described in the following paragraphs. Please provide a description of the circumstances and the resulting outcome.

    If your facility has been inspected based on a citizen complaint or received a request for information or letter of warning, a potential violation has been implied and 2 points will be awarded. If your facility received a NOV which was adequately addressed through a Compliance Commitment Agreement or written response, a violation has occurred but was adequately addressed and 1 point will be awarded. If your facility has received a citation, penalty, or fine, no points will be awarded.

18. *Does your location accept or conduct recycling of construction and demolition debris and/or does your location beneficially re-use any other materials?* **[2 pts.]**
Describe how your location accepts, sorts, processes, and returns recyclable materials to the economic mainstream. Some examples of recyclable materials include concrete, asphalt, and shingles.

19. *Has your location received an environmental award, certification, or form of recognition in 2019?* **[2 pts. - maximum]**
Provide a copy and brief description of any awards, certifications, or forms of recognition your location has received from the local community, state, or federal level. 1 point will be awarded for the IAAP Certificate of Achievement in Environmental Excellence (Platinum, Gold or Silver level). 1 point will be awarded for an award from other local, regional or national associations or agencies. If both criteria have been met, a maximum total of 2 points will be awarded.

20. *During 2019, has your location completed any engineering improvements, or implemented any behavioral changes that reduce energy consumption?* **[2 pts.]**
Provide clear, dated evidence of these improvements or behavioral changes (i.e., before and after pictures, receipts for LED bulbs or other equipment purchases, write-up documenting the behavioral changes and agreements by employees, energy reduction calculations, energy reduction awards, etc.)

Illinois Association of Aggregate Producers

Certificate of Achievement in Environmental Excellence

Guidelines for Developing a Fugitive Dust Program

Purpose

A fugitive dust plan effectively outlines the steps and processes a facility will follow to control fugitive particulate emissions at an operation. A successful plan will address emissions from process plant equipment, stockpiles, and internal and external roadways while also describing a process to conduct equipment inspections and maintaining comprehensive record keeping.

Disclaimer: These guidelines are meant to provide assistance with the development of a site-specific fugitive dust management program. This aid does not guarantee or ensure compliance with applicable air permitting requirements. For additional guidance and information, please contact the Illinois EPA, Bureau of Air.

Potential Sources of Fugitive Particulate Emissions

The list of potential sources that requires some form or method to control fugitive particulate emissions includes the following:

Crushers	Bucket elevators	Bagging operations	Paved/unpaved traffic roads
Grinding mills	Conveyors	Storage bins	Paved/unpaved parking lots
Screening operations	Conveyor transfer points	Fine product loading operations	Material unloaded/transported from pollution control equipment

Plan Components

A detailed description of the best management practices utilized to achieve compliance with fugitive particulate emissions limitations should address the following:

- Roadways & Parking Lots
    - Dust on plant roads and paved roadways should be controlled through the use of a water truck, sweeper, or other appropriate means. The fugitive dust plan should include:
        - An application schedule and process for documenting the types of controls used and frequency of applications.
        - Plan to conduct regular inspections to ensure effectiveness of each control measure used.
- Processing Plant Equipment

    - Fugitive emissions from crushers, screens, conveyors, and transfer points should be minimized. The fugitive dust plan should include:
        - Water sprays (or other appropriate dust controls) at strategic points throughout the plant to minimize fugitive emissions.
        - Plant equipment inspection schedule and frequency for water sprays. A process should be identified to address broken equipment identified during inspection.
        - Plan to conduct regular inspections to ensure effectiveness of each control measure used.
        - Documentation for each type of inspection performed. A list of spare parts and equipment kept on hand to complete timely repairs and/or replacement of broken pieces.
        - Documentation for and monitoring of moisture content throughout processing plant and in finished product stockpiles
- Stockpiles / Storage Piles
    - Fugitive emissions from stockpiles / storage piles should be minimized. The fugitive dust plan should include:
        - Application systems for water, oil, chemicals, and dust suppressants should be utilized to minimize fugitive emissions.
        - A schedule and process for documenting the types of controls used and frequency of applications.
        - Plan to conduct regular inspections to ensure effectiveness of each control measure used.
- Record Keeping
    - Documentation is an integral part of the fugitive dust plan and should include the following:
        - Schedule and documented inspections for all pollution control equipment
        - Frequency of application for each form of pollution control and/or dust suppressants
        - Documentation of weather conditions as they affect the use of dust controls at the plant (e.g. document when weather conditions do not require operation of dust control equipment)
        - All training records
- Facility Drawing
    - A map or diagram of the fugitive particulate emissions sources at the facility should be developed and identify the location(s) of each of the following:
        - Stockpiles / storage piles
        - Crushers, screens, conveyor(s), and transfer points
        - Internal and external traffic roadways (paved/unpaved) & distances of each
        - Parking lots (paved/unpaved)
        - Traffic patterns for roadways and parking lots
        - Loading and unloading areas
        - Storage bins and bagging operations
        - Pollution control equipment devices and/or controls

Illinois Association of Aggregate Producers

Certificate of Achievement in Environmental Excellence
CHECKLIST

CHECKLIST

Company Name:

Location:

Date:

Company Representative:

E-Mail

Environmental Aspects	Yes ☑	No ☑	Documentation Required	Total Points Issued (IAAP Use Only)
1. Does your company or location have a written Environmental Policy?			Provide a dated copy of your policy signed by a senior member of management.	
2. Does your location conduct an annual environmental audit/inspection?			Briefly describe procedure for conducting audit/inspection.	
3. Do your employees receive environmental training? If yes, please provide a summary of training program.			Briefly describe training program, including frequency of training, whether it's performed by internal or external personnel, etc.	
4. Does your location have an air permit (issued by the Illinois Environmental Protection Agency) or an Agency-issued exemption from permitting?			Provide a copy of permit cover page or permit ID number.	
5. Does your location have a Fugitive Dust Plan?			Provide a signed and dated copy of plan that meets minimum state requirements listed in 35 IAC 212.	
6. Does your location have an employee certified in Method 9 – Visible Emissions Evaluation?			Provide a copy of the employee's current certification and work location if other than this facility.	
7. What form(s) of dust control methods does your location utilize (i.e. wheel wash)?			Provide inventory of current dust control equipment/BMPs in use for this location with typical photos of each type of control.	
8. Does your location have the appropriate National Pollution Discharge Elimination System (NPDES) Water and/or Storm Water permits, if applicable?			Provide a copy of permit cover page or permit ID number.	

Environmental Aspects	Yes ☑	No ☑	Documentation Required	Total Points Issued (IAAP Use Only)
9. Does your location have a Mine Related Pollution Control Waste permit, if an NPDES permit is not required?			Provide a signed and dated copy of permit cover page or permit ID number.	
10. Does your location have a Storm Water Pollution Prevention Plan (SWPPP), if required?			Provide a signed and dated copy of the cover and certification pages of the plan.	
11. If not required, does your location have a Storm Water Pollution Prevention Plan (SWPPP) as a Best Management Practice (BMP)?			Provide a signed and dated copy of the cover and certification pages of the plan.	
12. Does your location require and have a Spill Prevention, Control, and Countermeasure Plan (SPCC), if applicable?			Provide a copy of the cover and certification pages of the plan.	
13. Do you have an emergency spill response program?			Briefly describe emergency spill response program (if above and beyond SPCC/SWPPP requirements).	
14. Has your location filed a Reclamation Plan with the Illinois Department of Natural Resources or appropriate local unit of government, if applicable?			Provide a copy of cover page/green sheet or permit, inspection report, or documentation of fee payment (i.e. invoice).	
15. Does your location have a formal complaint response program?			Describe complaint response program.	
16. Does your location have an office or shop recycle program for paper, glass, plastic, cans, tires, metal, used oil, etc.?			Briefly describe recycle program.	
17. Has your location been inspected based on a citizen complaint or received a request for information, letter of warning, Notice of Violation (NOV), citation, or fine during 2019?			If “Yes”, provide a description of the circumstances and the outcome in order to be considered for receiving points.	
18. Does your location accept or conduct recycling of construction or demolition debris?			Describe components of program and materials accepted or recycled.	
19. Has your location received an environmental award, certificate, or form of recognition in 2019?			Describe award received and provide copy of award, certificate, or form of recognition.	
20. Has your location completed in 2019 any engineering improvements, or implemented any behavioral changes that reduce energy consumption?			Provide clear evidence of these improvements or behavioral changes (see entry packet instructions for examples).	

Additional notes/information for judges to consider:

CERTIFICATE OF ACHIEVEMENT IN ENVIRONMENTAL EXCELLENCE

2019 **2019**

ILLINOIS ASSOCIATION OF AGGREGATE PRODUCERS
1115 S. 2nd Street, Springfield, IL 62704
Entries must be received at the IAAP office by January 15, 2020

Please indicate the environmental aspects in each column for which your location qualifies and total the points for each column. Number in front of each criteria corresponds to checklist page of application form.

1 Point Each	2 Points Each	3 Points Each
___ [4.] Air permit (site-specific)	___ [1.] Written Environmental Policy	___ [2.] Conducted an annual environmental audit/inspection in previous year
___ [8.] Water permit (site-specific)	___ [5.] Fugitive Dust Plan	___ [3.] Conducted environmental training for employees in previous year
___ [9.] Mine Related Pollution Control Waste permit (site-specific)	___ [11.] SWPPP as BMP (not required by permit)	___ [7.] Site specific dust control measures (e.g. wheel wash, sweeper, water truck)
___ [10.] SWPPP or equivalent (site-specific)	___ [13.] Emergency spill response program (if SPCC not required)	
___ [12.] SPCC Plan (site-specific)	___ [15.] Complaint Response Program	
___ [14.] Reclamation Plan (site-specific)	___ [16.] Office or shop recycle program	
	___ [18.] Accept/Conduct C+D recycling (i.e. concrete/asphalt/shingles)	
	___ [20.] Reduced energy consumption	
___ **Total Points** ***(maximum 6 points)***	___ **Total Points** ***(maximum 16 points)***	___ **Total Points** ***(maximum of 9 points)***

Multiple Point Categories (select one or none)

[6.] Certified Method 9 Employee: ___ at this location (2 pts.) ___ at other location (1 pt.)

[17.] In 2019, location did not receive: ___ any enforcement action or was not inspected (3 pts.) ___ letter of warning or NOV (2 pts) ___ citation, penalty, or fine (1 pts)

[19.] In 2019, received environmental award from: ___ outside agency or assoc. (1 pt.) ___ IAAP Platinum, Gold or Silver (1 pt.)

___ **Total Points** ***(maximum 7 points)***

POINT TOTAL SUMMARY

1-Point Category Total		2-Point Category Total		3-Point Category Total		Multiple Pt. Category Total		**Total Points**
	+		+		+		=	

Silver 10 to 19 points **Gold 20 to 27 points** **Platinum 28 or more points**

I certify that the information submitted on this worksheet is correct and I have supplied requested documentation for verification.

Signature _____ *Date* _____

Name _____ *Operation Name* _____
printed

Address _____ *Company* _____

_____

Email _____