

From: [Dudley Berthold](#)
To: [Grogan, Jeffery](#); m.place@sesadvantage.com
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Date: Monday, May 6, 2024 8:57:04 AM
Attachments: [image002.png](#)
[image003.png](#)

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

We are packaging un-popped popcorn for microwave



Dudley Berthold II, MS
Director of Environmental, Health & Safety
Dudley.Berthold@WeaverPopcornMFG.com
260-639-2045
303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>
Sent: Monday, May 6, 2024 8:25 AM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; m.place@sesadvantage.com
Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

CAUTION: External Sender

Dear Dudley and Mary,

I am the permit writer assigned to the current application No. 053-47788-00033 for Weaver Popcorn Company, Inc. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

Based on my preliminary review of the application, please specify if this facility manufactures packaged unpopped popcorn or popped popcorn. This is to ensure we classify it under the correct SIC code.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If Weaver Popcorn Company, Inc. would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Madhurima Moulik) may be contacted at 317-233-6663 or mmoulik@idem.in.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,
Jeff

Jeffery Grogan
Environmental Manager 2



(317) 234-2111 • jgrogan@idem.in.gov

Indiana Department of Environmental Management

From: [Mary Place](#)
To: [Dudley Berthold](#); [Grogan, Jeffery](#)
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Date: Monday, May 6, 2024 1:53:38 PM
Attachments: [image002.png](#)
[image003.png](#)
[Revised air permits.xlsx](#)

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Jeff!

Please see the calculations attached.

Please let us know if you need anything else.

Thanks!

Mary Place (Parson)

Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SFSadvantage.com

[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)



CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Sent: Monday, May 6, 2024 8:57 AM
To: Grogan, Jeffery <JGrogan@idem.IN.gov>; Mary Place <m.parson@sesadvantage.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

We are packaging un-popped popcorn for microwave



Dudley Berthold II, MS

Director of Environmental, Health & Safety

Dudley.Berthold@WeaverPopcornMFG.com

260-639-2045

303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>
Sent: Monday, May 6, 2024 8:25 AM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; m.place@sesadvantage.com
Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

CAUTION: External Sender

Dear Dudley and Mary,

I am the permit writer assigned to the current application No. 053-47788-00033 for Weaver Popcorn Company, Inc. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

Based on my preliminary review of the application, please specify if this facility manufactures packaged unpopped popcorn or popped popcorn. This is to ensure we classify it under the correct SIC code.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If Weaver Popcorn Company, Inc. would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Madhurima Moulik) may be contacted at 317-233-6663 or mmoulik@idem.in.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,
Jeff



Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov
Indiana Department of Environmental Management

**Appendix A: Emission Calculations
Emissions Summary
Weaver Popcorn Company, Inc.**

Company Name: Weaver Popcorn Company, Inc.
Source Address: 408 West Landess Street and 4943 N 900 E, Van Buren, IN 46991

Uncontrolled Potential to Emit (tons per year)										
Operation Description	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP	
Grain Elevator and Popcorn Processing Plant	1,467.98	1,416.91	1,396.63	-	-	-	-	-	-	---
Grain Silos	26.55	8.60	8.60	-	-	-	-	-	-	---
Insignificant Units										
Oven Equipped with Caramel Corn (Unit 014)	*	*	*	0.04	7.19	0.40	6.04	0.14	0.13	Hexane
Printing Press	-	-	-	-	-	0.44	-	-	-	---
Natural Gas Combustion	0.15	0.60	0.60	0.05	7.85	0.43	6.59	0.15	0.14	Hexane
Emergency Generators	1.43E-03	2.91E-03	2.91E-03	8.82E-05	0.33	4.44E-03	0.56	4.82E-03	-	---
Gasoline Dispensing**	-	-	-	-	-	1.06	-	1.06	0.03	Hexane
Insignificant Units Totals	0.15	0.60	0.60	0.09	15.37	2.33	13.19	1.35	0.30	Hexane
TOTAL	1,494.68	1,426.11	1,405.83	0.09	15.37	2.33	13.19	1.35	0.30	Hexane
Grain Elevator Fugitive Emissions***	3.76	1.20	0.20	-	-	-	-	-	-	---
Paved Roads Fugitive Emissions***	0.14	0.03	0.01	-	-	-	-	-	-	---
Unpaved Roads Fugitive Emissions***	28.17	7.18	7.18	-	-	-	-	-	-	---
Total Fugitive Emissions	32.07	8.41	7.39	0.00	0.00	0.00	0.00	0.00	0.00	---

Limited Potential to Emit (tons per year)										
Operation Description	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP	
Grain Elevator and Popcorn Processing Plant	54.66	53.13	52.24	-	-	-	-	-	-	---
Grain Silos	26.55	8.60	8.60	-	-	-	-	-	-	---
Insignificant Units										
Oven Equipped with Caramel Corn (Unit 014)	*	*	*	0.04	7.19	0.40	6.04	0.14	0.13	Hexane
Printing Press	-	-	-	-	-	0.44	-	-	-	---
Natural Gas Combustion	0.15	0.60	0.60	0.05	7.85	0.43	6.59	0.15	0.14	Hexane
Emergency Generators	1.43E-03	2.91E-03	2.91E-03	8.82E-05	0.33	4.44E-03	0.56	4.82E-03	-	---
Insignificant Gasoline Dispensing**	-	-	-	-	-	0.75	-	0.75	0.02	Hexane
Insignificant Units Totals	0.15	0.60	0.60	0.09	15.37	2.02	13.19	1.04	0.29	Hexane
TOTAL	81.36	62.33	61.44	0.09	15.37	2.02	13.19	1.04	0.29	Hexane
Grain Elevator Fugitive Emissions***	3.76	1.20	0.20	-	-	-	-	-	-	---
Paved Roads Fugitive Emissions***	0.07	0.01	3.51E-03	-	-	-	-	-	-	---
Unpaved Roads Fugitive Emissions***	14.09	3.59	3.59	-	-	-	-	-	-	---
Total Fugitive Emissions	17.92	4.81	3.80	0.00	0.00	0.00	0.00	0.00	0.00	---

* The PM, PM₁₀, and PM_{2.5} calculations for Unit 014 are included in the Popcorn Processing Plant calculations.

** Emissions from gasoline dispensing were made using the EPA TANKS program. Total HAP emissions assumed equal to VOC emissions. Gasoline vapors assumed to have hexane content 2.4%.

*** Fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

Appendix A: Emission Calculations
Particulate Emissions
Grain Elevator and Popcorn Unit

Company Name: Weaver Popcorn Company, Inc.
Source Address: 408 West Landess Street and 4943 N 900 E, Van Buren, IN 46991

Operation Description	Max. Throughput Rate (tons/hr)	Uncont. PM Emission Factor (lbs/ton)	Uncontrolled PTE of PM (lbs/hr)	Uncontrolled PTE of PM (tons/yr)	Uncontrolled PM ₁₀ Emission Factor (lbs/ton)	Uncontrolled PTE of PM ₁₀ (lbs/hr)	Uncontrolled PTE of PM ₁₀ (tons/yr)	Uncontrolled PM _{2.5} Emission Factor (lbs/ton)	Uncontrolled PTE of PM _{2.5} (lbs/hr)	Uncontrolled PTE of PM _{2.5} (tons/yr)	Capture Efficiency	Fugitive Emissions PM (tons/yr)	Fugitive Emissions PM ₁₀ (tons/yr)	Fugitive Emissions PM _{2.5} (tons/yr)
Grain Receiving (Truck)	30.0	0.18	5.40	23.7	0.059	1.77	7.75	0.010	0.30	1.31	95.0%	1.18	0.39	0.07
Grain Drying	30.0	0.22	6.60	28.9	0.055	1.65	7.23	0.0094	0.28	1.24	95.0%	1.45	0.36	0.06
Internal Operations	30.0	0.061	1.83	8.02	0.034	1.02	4.47	0.0058	0.17	0.76	95.0%	0.40	0.22	0.04
Bin Loading	30.0	0.025	0.75	3.29	0.0063	0.19	0.83	0.0011	0.03	0.14	95.0%	0.16	0.04	0.01
Grain Shipping (Truck)	30.0	0.086	2.58	11.3	0.029	0.87	3.81	0.0049	0.15	0.64	95.0%	0.57	0.19	0.03
TOTAL		0.572	17.2	75.2	0.1833	5.50	24.1	0.0312	0.94	4.10		3.76	1.20	0.20

Unit Description/Unit ID	Max. Throughput Rate (tons/hr)	PM EF (lbs/ton)	Unlimited PTE of PM (lbs/hr)	Unlimited PTE of PM (tons/yr)	Unlimited PM ₁₀ EF (lbs/ton)	Unlimited PTE of PM ₁₀ (lbs/hr)	Unlimited PTE of PM ₁₀ (tons/yr)	Unlimited PM _{2.5} EF (lbs/ton)	Unlimited PTE of PM _{2.5} (lbs/hr)	Unlimited PTE of PM _{2.5} (tons/yr)	Control Device	Control Efficiency (%)	PTE of PM After Control (lbs/hr)	PTE of PM After Control (tons/yr)	PTE of PM ₁₀ After Control (lbs/hr)	PTE of PM ₁₀ After Control (tons/yr)	PTE of PM _{2.5} After Control (lbs/hr)	PTE of PM _{2.5} After Control (tons/yr)	Limited PM (tons/yr)	Limited PM ₁₀ (tons/yr)	Limited PM _{2.5} (tons/yr)	Stack lb/hr limits			
																						#REF!	#REF!	#REF!	
Receiving Area -001	50.0	0.789	39.45	172.79	0.7890	39.45	172.79	0.7890	39.45	172.79	DC1	95.0%	1.97	8.64	1.97	8.64	1.97	8.64	8.64	8.64	8.64	2.40	2.11	2.00	
Grain Elevator * - 016	30.0	0.572	17.16	75.16	0.1833	5.50	24.09	0.0312	0.94	4.10	DC4	95.0%	0.43	1.88	0.14	0.60	0.023	0.10	1.88	0.60	0.10				
Screening Mill #2 - 003	35.0	0.096	3.36	14.72	0.0960	3.36	14.72	0.0960	3.36	14.72	DC9	95.0%	0.17	0.74	0.17	0.74	0.17	0.74	0.74	0.74	0.74	0.03	0.03	0.03	
Screening Mill #1 - 003	35.0	0.096	3.36	14.72	0.0960	3.36	14.72	0.0960	3.36	14.72	DC4	95.0%	0.17	0.74	0.17	0.74	0.17	0.74	0.74	0.74	0.74				
Color Sorter #1 - 008	35.0	0.386	13.51	59.17	0.3860	13.51	59.17	0.3860	13.51	59.17	DC4	95.0%	0.68	2.96	0.68	2.96	0.68	2.96	2.96	2.96	2.96	Closed Loop - No emissions			
Color Sorter #2 -009	35.0	0.386	13.51	59.17	0.3860	13.51	59.17	0.3860	13.51	59.17	DC4	95.0%	0.68	2.96	0.68	2.96	0.68	2.96	2.96	2.96	2.96	1.60	1.55	1.52	
Color Sorter #3 -009	35.0	0.386	13.51	59.17	0.3860	13.51	59.17	0.3860	13.51	59.17	DC9	95.0%	0.68	2.96	0.68	2.96	0.68	2.96	2.96	2.96	2.96				
Separator #4 -004	10.0	3.760	37.60	164.69	3.7600	37.60	164.69	3.7600	37.60	164.69	DC5	95.0%	1.88	8.23	1.88	8.23	1.88	8.23	8.23	8.23	8.23				
Separator #2 -005	10.0	4.250	42.50	186.15	4.2500	42.50	186.15	4.2500	42.50	186.15	DC3**	100.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.88	1.88	
Separator #3 -006	10.0	3.860	38.60	169.07	3.8600	38.60	169.07	3.8600	38.60	169.07	DC6**	100.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Separator #1 -007	10.0	3.780	37.80	165.56	3.7800	37.80	165.56	3.7800	37.80	165.56	DC8	95.0%	1.89	8.28	1.89	8.28	1.89	8.28	8.28	8.28	8.28	Closed Loop - No emissions			
Destoner -008	1.00	0.330	0.33	1.45	0.3300	0.33	1.45	0.3300	0.33	1.45	DC7	78.6%	0.07	0.31	0.07	0.31	0.07	0.31	0.31	0.31	0.31	0.07	0.07	0.07	
Holding Tank -010	35.0	0.119	4.17	18.24	0.1190	4.17	18.24	0.1190	4.17	18.24	DC9	95.0%	0.21	0.91	0.21	0.91	0.21	0.91	0.91	0.91	0.91				
Retail Packaging -012	35.0	1.220	42.70	187.03	1.2200	42.70	187.03	1.2200	42.70	187.03	DC9	95.0%	2.14	9.35	2.14	9.35	2.14	9.35	9.35	9.35	9.35				
Microwave Popcorn -013	6.19	1.480	9.16	40.13	1.4800	9.16	40.13	1.4800	9.16	40.13	DC10a and	95.0%	0.46	2.01	0.46	2.01	0.46	2.01	2.01	2.01	2.01				
Caramel Popcorn *** -014	4.50	1.200	5.40	23.65	1.2000	5.40	23.65	1.2000	5.40	23.65	DC11	95.0%	0.27	1.18	0.27	1.18	0.27	1.18	1.18	1.18	1.18	3.19	3.19	3.19	
Retail Packaging -015	3.13	1.220	3.81	16.70	1.2200	3.81	16.70	1.2200	3.81	16.70	DC11	95.0%	0.19	0.83	0.19	0.83	0.19	0.83	0.83	0.83	0.83				
MW Popcorn EU-001	6.19	1.480	9.16	40.11	1.4800	9.16	40.11	1.4800	9.16	40.11	DC-001	95.0%	0.46	2.01	0.46	2.01	0.46	2.01	2.01	2.01	2.01	0.46	0.46	0.46	
Feed Bay*** - 020	2.00	0.035	0.07	0.31	0.0078	0.02	0.31	0.0013	0.00	0.01	DC2	95.0%	0.03	0.03	0.03	0.03	0.025	0.03	0.31	0.31	0.01				
TOTAL			1,467.98			1,416.91			1,396.63					54.38			52.85		52.25	54.66	53.13	52.24	0.46	0.46	0.46

Limited Potential to Emit (by control device)

Control Device	PM Emission Limit (lbs/hr)	PM ₁₀ Emission Limit (lbs/hr)	PM _{2.5} Emission Limit (lbs/hr)
DC1	2.40	2.11	2.00
DC4	1.60	1.55	1.52
DC7	0.07	0.07	0.07
DC5	1.88	1.88	1.88
DC3	0.00	0.00	0.00
DC6	0.00	0.00	0.00
DC8	1.89	1.89	1.89
DC9	3.19	3.19	3.19
DC10	0.46	0.46	0.46
DC11	0.46	0.46	0.46
DC-001	0.46	0.46	0.46

Notes:

- Emission factors are from AP-42, Chapter 9.9.1 - Grain Elevators, Table 9.9.1-1 (03/03) and/or the TSD for F053-14282-00033, issued on 12/12/01.
- The unlimited emission factors for the grain elevator (Unit 016) are from the "Uncontrolled Potential to Emit" table above. The emissions are divided evenly across control devices DC1 and DC4.
- **DC 3 and DC 6 are closed loop systems. Air continually recirculates from the separators and dust collectors and does not exhaust to the outside.
- *** The unlimited emission factors for the Caramel Popcorn Unit (Unit 014) are from the TSD for F053-23130-00033, issued on 6/4/07.
- **** emission units shaded in gray are not limited
- *****The Feed Bay (Unit 020) operation occurs at the same location as the grain receiving operation, but the operations are mutually exclusive. The Feed Bay (Unit 020) operation is for loading unused grain on trucks to be shipped offsite to a hog farm.

Methodology:

- Uncontrolled PTE (lbs/hr) = Max. Throughput Rate (tons/hr) x Uncontrolled Emission Factor (lbs/ton)
- Uncontrolled PTE (tons/yr) = Max. Throughput Rate (tons/hr) x Uncontrolled Emission Factor (lbs/ton) x 8760 hrs/yr + 2000 lb/ton
- Unlimited PTE (lbs/hr) = Max. Throughput Rate (tons/hr) x Uncontrolled Emission Factor (lbs/ton)
- Unlimited PTE (tons/yr) = Max. Throughput Rate (tons/hr) x Uncontrolled Emission Factor (lbs/ton) + 2000 lb/ton
- PTE After Control (lbs/hr) = Unlimited PTE (lbs/hr) x (1 - Control Efficiency)
- PTE After Control (tons/yr) = Unlimited PTE (tons/yr) x (1 - Control Efficiency)

**Appendix A: Emissions Calculations
Grain Elevator (All Types)**

Company Name: Weaver Popcorn Company, Inc.
Source Address: 408 West Landess Street and 4943 N 900 E, Van Buren, IN 46991

Step 1. Grain Received: Convert (bushels per year) to (tons per hour) using the following conversion factors, skip this conversion if grain received given in tons per hour.

Grain	bushels/year	hours of operation	bushels/hr	lbs / bushel	lbs / hour	Grain Throughput (tons/hr)
Wheat / Soy	0	8760	0.00	60	0	0.000
Corn / Rye	0	8760	0.00	56	0	0.000
Barley	0	8760	0.00	48	0	0.000
Rice	0	8760	0.00	45	0	0.000
Oat	0	8760	0.00	32	0	0.000
Maximum Grain Received (tons of grain handled or processed per hour)* =						20.830

* = 1,000,000 lbs/day (1day/24hrs)

Step 2. Select appropriate Emission Factors. Choose the emission factor for each process based on the type of operations conducted at the individual source. Enter each factor chosen in the shaded boxes* below the table, and the emission factors will be automatically transferred to the emission calculation table.

UNLOADING/RECEIVING						SHIPPING									
Straight Truck		Hopper Truck		Railcar		Barge/Ship		Truck (unspecified)		Railcar		Barge		Ship	
PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10
0.18	0.059	0.035	0.0078	0.032	0.0078	0.15	0.038	0.086	0.029	0.027	0.0022	0.016	0.0040	0.048	0.012
UNLOADING/RECEIVING						SHIPPING									
PM =		0.18		PM-10 =		0.059		PM =		0.086		PM-10 =		0.029	

Factor representing this source* =

Step 3. Emission Calculations. Indicate the number of steps in the headhouse/internal handling process because the emissions for each step must be included in the total PM and PM-10 emissions (i.e., if the headhouse and internal handling consists of the legs, a gallery belt, and a tripper/distributor, there are 3 steps in the headhouse/internal handling process).

Total number of steps in headhouse = Resulting throughput for headhouse/internal handling in tons/hr (number of steps * throughput) = 20.83

	UNLOADING/ RECEIVING		STORAGE BIN (vent)***		ONSITE TRANSFER^	
	PM	PM-10	PM	PM-10	PM	PM-10
Emission Factor (lb/ton)	0.18	0.059	0.025	0.0063	0.086	0.029
Potential Emissions (tons/year)	16.4	5.4	2.3	0.6	7.8	2.6
Overall Control Efficiency (%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Controlled Potential Emissions (tons/yr)	16.4	5.4	2.3	0.6	7.8	2.6

** The PM-10 emission factors given for cleaning and drying are estimated by taking 25% of the filterable PM emission factor in accordance with AP-42 Section 9.9.1, Table 9.9.1-1, Footnote n.

*** The PM emission factor given for storage is from AP-42 Section 9.9.1 (03/2003).

Some of the factors presented are based on controlled emission factors which were divided by (1-assumed control efficiency) so that uncontrolled emissions could be calculated. The cyclone control efficiency is assumed to be 90%.

^Used to estimate emissions from transfer of corn from silos to plant

Methodology

Emission factors are from AP 42 Table 9.9.1-1 Particulate Emission Factors for Grain Elevators (3/03)

Potential Emissions (ton/yr) = Throughput (ton/hr) * Emission factor (lb/ton) * 8760 (hours/year) / 2000 (lbs/ton)

Controlled Potential Emissions (ton/yr) = Throughput (ton/hr) * Emission factor (lb/ton) * 8760 (hours/year) / 2000 (lbs/ton) * (1-Control Efficiency)

Step 4. Sum all emissions from processes.

	PM	PM-10
Total Uncontrolled Emissions (tons/year)	26.55	8.60
Total Controlled Emissions (tons/year)	26.55	8.60

**Appendix A: Emission Calculations
Natural Gas Combustion
MMBtu/hr <100**

16.75 MMBtu/hr Oven Equipped with the Caramel Corn Unit (Unit 014)

Company Name: Weaver Popcorn Company, Inc.
Source Address: 408 West Landess Street and 4943 N 900 E, Van Buren, IN 46991

Heat Input Capacity MMBtu/hr	HHV MMBtu MMscf	Potential Throughput MMcf/yr					
16.75	1020	143.9					
	Pollutant						
Emission Factor (lb/MMcf)	PM*	PM ₁₀ *	direct PM _{2.5} *	SO ₂	NO _x	VOC	CO
	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emissions (tons/yr)	See Note	See Note	See Note	0.04	7.19	0.40	6.04

Note: The PM, PM₁₀, and PM_{2.5} emissions from the Caramel Corn Unit (Unit 014) are calculated in page 2 of Appendix A.

* PM emission factor is filterable PM only. PM₁₀ emission factor is filterable and condensable PM₁₀ combined.

PM_{2.5} emission factor is filterable and condensable PM_{2.5} combined.

** Emission Factors for NO_x: Uncontrolled = 100, Low NO_x Burner = 50, Low NO_x Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMcf = 1,000,000 Cubic Feet of Gas

Emission factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.

Potential Throughput (MMcf) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr ÷ HHV (MMBtu/MMcf)

Potential Emissions (tons/yr) = Potential Throughput (MMcf/yr) x Emission Factor (lb/MMcf) ÷ 2,000 lb/ton

Hazardous Air Pollutants (HAPs)

	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor (lb/MMcf)	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emissions (tons/yr)	1.5E-04	8.6E-05	5.4E-03	1.3E-01	2.4E-04
	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
Emission Factor (lb/MMcf)	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emissions (tons/yr)	3.6E-05	7.9E-05	1.0E-04	2.7E-05	1.5E-04
	TOTAL:				0.14
					tons/yr

Methodology:

Methodology is the same as page 4.

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

Greenhouse Gases

	Greenhouse Gas		
	CO ₂	CH ₄	N ₂ O
Emission Factor (lb/MMcf)	120,000	2.3	2.2
Potential Emissions (tons/yr)	8,631	0.17	0.16
Summed Potential Emissions (tons/yr)	8,632		
CO ₂ e Total (tons/yr)	8,684		

Methodology:

The N₂O Emission Factor for uncontrolled is 2.2. The N₂O Emission Factor for low NO_x burner is 0.64.

Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.

Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.

Potential Emissions (tons/yr) = Throughput (MMcf/yr) x Emission Factor (lb/MMcf) ÷ 2,000 lb/ton

CO₂e (tons/yr) = CO₂ Potential Emissions (tpy) x CO₂ GWP (1) + CH₄ Potential Emissions (tpy) x CH₄ GWP (21) + N₂O Potential Emissions (tpy) x N₂O GWP (310)

**Appendix A: Emission Calculations
Natural Gas Combustion
MMBtu/hr <100
Insignificant Combustion Units**

Page 5 of 9 TSD App A

Company Name: Weaver Popcorn Company, Inc.
Source Address: 408 West Landess Street and 4943 N 900 E, Van Buren, IN 46991

Heat Input Capacity MMBtu/hr	HHV MMBtu MMscf	Potential Throughput MMcft/yr
18.28	1020	157.0

Emission Factor (lb/MMcf)	Pollutant						
	PM*	PM ₁₀ *	direct PM _{2.5} *	SO ₂	NO _x	VOC	CO
	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emissions (tons/yr)	0.15	0.60	0.60	0.05	7.85	0.43	6.59

* PM emission factor is filterable PM only. PM₁₀ emission factor is filterable and condensable PM₁₀ combined.

PM_{2.5} emission factor is filterable and condensable PM_{2.5} combined.

** Emission Factors for NO_x: Uncontrolled = 100, Low NO_x Burner = 50, Low NO_x Burners/Flue gas recirculation = 32

Methodology:

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMcf = 1,000,000 Cubic Feet of Gas

Emission factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.

Potential Throughput (MMcf) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr + HHV (MMBtu/MMcf)

Potential Emissions (tons/yr) = Potential Throughput (MMcf/yr) x Emission Factor (lb/MMcf) + 2,000 lb/ton

Hazardous Air Pollutants (HAPs)

Emission Factor (lb/MMcf)	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emissions (tons/yr)	1.6E-04	9.4E-05	5.9E-03	1.4E-01	2.7E-04

Emission Factor (lb/MMcf)	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emissions (tons/yr)	3.9E-05	8.6E-05	1.1E-04	3.0E-05	1.6E-04

TOTAL:	0.15	tons/yr
---------------	-------------	----------------

Methodology:

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

Greenhouse Gases

Emission Factor (lb/MMcf)	Greenhouse Gas		
	CO ₂	CH ₄	N ₂ O
	120,000	2.3	2.2
Potential Emissions (tons/yr)	9,420	0.18	0.17
Summed Potential Emissions (tons/yr)	9,420		
CO ₂ e Total (tons/yr)	9,477		

Methodology:

The N₂O Emission Factor for uncontrolled is 2.2. The N₂O Emission Factor for low NO_x burner is 0.64.

Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.

Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.

Potential Emissions (tons/yr) = Throughput (MMcf/yr) x Emission Factor (lb/MMCF) + 2,000 lb/ton

CO₂e (tons/yr) = CO₂ Potential Emissions (tpy) x CO₂ GWP (1) + CH₄ Potential Emissions (tpy) x CH₄ GWP (21) + N₂O Potential Emissions (tpy) x N₂O GWP (310)

Appendix A: Emission Calculations
Reciprocating Internal Combustion Engines - Natural Gas
4-Stroke Rich-Burn (4SRB) Engines

Company Name: Weaver Popcorn Company, Inc.
Source Address: 408 West Landess Street and 4943 N 900 E, Van Buren, IN 46991

Maximum Heat Input Capacity (MMBtu/hr)	0.60
Maximum Hours Operated per Year (hr/yr)	500
Potential Fuel Usage (MMBtu/yr)	300
High Heat Value (MMBtu/MMscf)	1020
Potential Fuel Usage (MMcf/yr)	0.29

Criteria Pollutants	Pollutant						
	PM*	PM10*	PM2.5*	SO2	NOx	VOC	CO
Emission Factor (lb/MMBtu)	9.50E-03	1.94E-02	1.94E-02	5.88E-04	2.21E+00	2.96E-02	3.72E+00
Potential Emissions (tons/yr)	0.0014	0.00	0.00	0.000	0.33	0.00	0.56

*PM emission factor is for filterable PM-10. PM10 emission factor is filterable PM10 + condensable PM.
 PM2.5 emission factor is filterable PM2.5 + condensable PM.

Hazardous Air Pollutants (HAPs)

Pollutant	Emission Factor (lb/MMBtu)	Potential Emissions (tons/yr)
Acetaldehyde	2.79E-03	0.000
Acrolein	2.63E-03	0.000
Benzene	1.58E-03	0.000
1,3-Butadiene	6.63E-04	0.000
Formaldehyde	2.05E-02	0.003
Methanol	3.06E-03	0.000
Total PAH**	1.41E-04	0.000
Toluene	5.58E-04	0.000
Xylene	1.95E-04	0.000
Total		0.00

HAP pollutants consist of the nine highest HAPs included in AP-42 Table 3.2-3.
 **PAH = Polycyclic Aromatic Hydrocarbon (PAHs are considered HAPs, since they are considered Polycyclic Organic Matter)

Methodology

Emission Factors are from AP-42 (Supplement F, July 2000), Table 3.2-3
 Potential Fuel Usage (MMBtu/yr) = [Maximum Heat Input Capacity (MMBtu/hr)] * [Maximum Hours Operating per Year (hr/yr)]
 Potential Emissions (tons/yr) = [Potential Fuel Usage (MMBtu/yr)] * [Emission Factor (lb/MMBtu)] / [2000 lb/ton]

Greenhouse Gases (GHGs)	Greenhouse Gas (GHG)		
	CO2	CH4	N2O
Emission Factor in lb/MMBtu*	110	1.25	2.2
Emission Factor in lb/MMcf**			2.2
Potential Emission in tons/yr	16.50	0.19	0.00
Summed Potential Emissions in tons/yr	16.69		
CO2e Total in tons/yr	20.54		

Methodology

*The CO2 and CH4 emission factors are from Emission Factors are from AP-42 (Supplement F, July 2000), Table 3.2-2
 **The N2O emission factor is from AP 42, Table 1.4-2. The N2O Emission Factor for uncontrolled is 2.2. The N2O Emission Factor for low Nox burner is 0.64.
 Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.
 For CO2 and CH4: Emission (tons/yr) = [Potential Fuel Usage (MMBtu/yr)] * [Emission Factor (lb/MMBtu)] / [2,000 lb/ton]
 For N2O: Emission (tons/yr) = [Potential Fuel Usage (MMCF/yr)] * [Emission Factor (lb/MMCF)] / [2,000 lb/ton]
 CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O Potential Emission ton/yr x N2O GWP (310).

Abbreviations

PM = Particulate Matter	NOx = Nitrous Oxides	CO2 = Carbon Dioxide
PM10 = Particulate Matter (<10 um)	VOC = Volatile Organic Compounds	CH4 = Methane
SO2 = Sulfur Dioxide	CO = Carbon Monoxide	N2O = Nitrous Oxide
		CO2e = CO2 equivalent emissions

**Appendix A: Emissions Calculations
VOC From Printing Press Operations***

Company Name: Weaver Popcorn Company, Inc.
Source Address: 408 West Landess Street and 4943 N 900 E, Van Buren, IN 46991

THROUGHPUT		
Press I.D.	MAXIMUM INK Usage (GALLONS/HOUR)	GALLONS/YEAR
Microwave	2	17520

INK VOCS					
Ink Name	Density (lbs/gallon)	Weight % Volatiles**	Flash Off %	Throughput (Gallons/Year)	Emissions (TONS/YEAR)
178201 A-Pop Secret Blue	9.0	0.46%	100%	17520	0.36
177011 A-Pop Secret Yellow	9.0	0.18%	100%	17520	0.14
PW GR 286C Blue	9.0	0.42%	100%	17520	0.33
Adhesive					
Producer 33-9138	9.0	0.10%	100%	17520	0.08
Producer 32-095A	9.0	0.10%	100%	17520	0.08

Total VOC Emissions =	0.44	Ton/yr
Total VOC Emissions =	2.42	lbs/day

*Due to concerns about confidential business information, VOC was calculated using maximum gallons of ink used per hour rather maximum coverage

*VOC (Tons/Year) = Maximum Coverage pounds per MMin*2 * Weight % volatiles (weight % of water & organics - weight % of water = weight % organics) * Flash off * Throughput * 1 Ton per 2000 pounds

METHODOLOGY

Throughput = Maximum gallons of ink per hour * 24 hours per day * 365 days per year = gallons per Year

VOC = Density * Weight percentage volatiles (water minus organics) * Flash off * Throughput * Tons per 2000 pounds = Tons per Year

Worst case scenario assumes 100% usage of highest emitting ink and adhesive

NOTE: HEAT SET OFFSET PRINTING HAS AN ASSUMED FLASH OFF OF 80%. OTHER TYPES OF PRINTERS HAVE A FLASH OFF OF 130%.

(Source -OAQPS Draft Guidance, "Control of Volatile Organic Compound Emissions from Offset Lithographic Printing (9/93))

**Appendix A: Emission Calculations
Fugitive Dust Emissions
Paved Roads**

Company Name: Weaver Popcorn Company, Inc.
Source Address: 408 West Landess Street and 4943 N 900 E, Van Buren, IN 46991

Paved Roads at Industrial Site

The following calculations determine the amount of emissions created by paved roads, based on 8,760 hours of use and AP-42, Ch 13.2.1 (1/2011).

Vehicle Information (provided by source)

Type	Maximum number of vehicles per day	Number of one-way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight Loaded (tons/trip)	Total Weight driven per day (ton/day)	Maximum one-way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Vehicle (entering plant) (one-way trip)	10.0	1.0	10.0	22.0	220.0	1400	0.265	2.7	967.8
Vehicle (leaving plant) (one-way trip)	10.0	1.0	10.0	22.0	220.0	1400	0.265	2.7	967.8
Total			20.0		440.0			5.3	1935.6

Average Vehicle Weight Per Trip = $\frac{220.0}{10.0}$ tons/trip
Average Miles Per Trip = $\frac{5.3}{20.0}$ miles/trip

Unmitigated Emission Factor, $E_f = [k * (sL)^{0.91} * (W)^{1.02}]$ (Equation 1 from AP-42 13.2.1)

	PM	PM ₁₀	PM _{2.5}	
where k =	0.011	0.0022	0.00054	lb/VMT = particle size multiplier (AP-42 Table 13.2.1-1)
W =	22.0	22.0	22.0	tons = average vehicle weight (provided by source)
sL =	0.6	0.6	0.6	g/m ² = ubiquitous baseline silt loading value for ADT < 500 - Table 13.2.1-2)

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, $E_{ext} = E_f * [1 - (p/4N)]$ (Equation 2 from AP-42 13.2.1)

Mitigated Emission Factor, $E_{ext} = \frac{E_f * (1 - (p/4N))}{1}$
where p = $\frac{125}{365}$ days of rain greater than or equal to 0.01 inches (see Fig. 13.2.1-2)
N = 365 days per year

	PM	PM ₁₀	PM _{2.5}	
Unmitigated Emission Factor, E_f =	0.162	0.032	0.0079	lb/mile
Mitigated Emission Factor, E_{ext} =	0.148	0.030	0.0073	lb/mile
Dust Control Efficiency =	50%	50%	50%	(pursuant to control measures outlined in fugitive dust control plan)

Process	Mitigated PTE of PM (tons/yr)	Mitigated PTE of PM ₁₀ (tons/yr)	Mitigated PTE of PM _{2.5} (tons/yr)	Controlled PTE of PM (tons/yr)	Controlled PTE of PM ₁₀ (tons/yr)	Controlled PTE of PM _{2.5} (tons/yr)
Vehicle (entering plant) (one-way trip)	0.07	0.01	0.00	0.04	0.01	0.00
Vehicle (leaving plant) (one-way trip)	0.07	0.01	0.00	0.04	0.01	0.00
	0.14	0.03	0.01	0.07	0.01	0.00

Methodology

Total Weight driven per day (ton/day) = [Maximum Weight Loaded (tons/trip)] * [Maximum trips per day (trip/day)]
Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip)] / [5280 ft/mile]
Maximum one-way miles (miles/day) = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)]
Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
Mitigated PTE (tons/yr) = (Maximum one-way miles (miles/yr)) * (Mitigated Emission Factor (lb/mile)) * (ton/2000 lbs)
Controlled PTE (tons/yr) = (Mitigated PTE (tons/yr)) * (1 - Dust Control Efficiency)

**Appendix A: Emission Calculations
Fugitive Dust Emissions - Unpaved Roads
Unpaved Roads**

Company Name: Weaver Popcorn Company, Inc.
Source Address: 408 West Landess Street and 4943 N 900 E, Van Buren, IN 46991

Unpaved Roads at Industrial Site

The following calculations determine the amount of emissions created by unpaved roads, based on 8,760 hours of use and AP-42, Ch 13.2.2 (11/2006).

Vehicle Information (provided by source)

Type	Maximum number of vehicles	Number of one-way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight Loaded (tons/trip)	Total Weight driven per day (ton/day)	Maximum one-way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Vehicle (entering plant) (one-way trip)	70.0	1.0	70.0	22.0	1540.0	1400	0.265	18.6	6774.6
Vehicle (leaving plant) (one-way trip)	70.0	1.0	70.0	22.0	1540.0	1400	0.265	18.6	6774.6
Total			140.0		3080.0			37.1	13549.2

Average Vehicle Weight Per Trip = $\frac{22.0}{0.27}$ tons/trip
Average Miles Per Trip = $\frac{0.27}{1.0}$ miles/trip

Unmitigated Emission Factor, $E_f = k \cdot [(s/12)^a] \cdot [(W/3)^b]$ (Equation 1a from AP-42 13.2.2)

	PM	PM ₁₀	PM _{2.5}	
where k =	4.9	1.5	1.5	lb/mi = particle size multiplier (AP-42 Table 13.2.2-2 for Industrial Roads)
s =	4.8	4.8	4.8	% = mean % silt content of unpaved roads (AP-42 Table 13.2.2-1 Sand/Gravel Processing Plant)
a =	0.7	0.9	0.9	= constant (AP-42 Table 13.2.2-2 for Industrial Roads)
W =	22.0	22.0	22.0	tons = average vehicle weight (provided by source)
b =	0.45	0.45	0.45	= constant (AP-42 Table 13.2.2-2 for Industrial Roads)

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, $E_{ext} = E \cdot [(365 - P)/365]$ (Equation 2 from AP-42 13.2.2)

Mitigated Emission Factor, $E_{ext} = E \cdot [(365 - P)/365]$
where P = 125 days of rain greater than or equal to 0.01 inches (see Fig. 13.2.2-1)

	PM	PM ₁₀	PM _{2.5}	
Unmitigated Emission Factor, $E_f =$	6.32	1.61	1.61	lb/mile
Mitigated Emission Factor, $E_{ext} =$	4.16	1.06	1.06	lb/mile
Dust Control Efficiency =	50%	50%	50%	(pursuant to control measures outlined in fugitive dust control plan)

Process	Mitigated PTE of PM (tons/yr)	Mitigated PTE of PM ₁₀ (tons/yr)	Mitigated PTE of PM _{2.5} (tons/yr)	Controlled PTE of PM (tons/yr)	Controlled PTE of PM ₁₀ (tons/yr)	Controlled PTE of PM _{2.5} (tons/yr)
Vehicle (entering plant) (one-way trip)	14.09	3.59	3.59	7.04	1.80	1.80
Vehicle (leaving plant) (one-way trip)	14.09	3.59	3.59	7.04	1.80	1.80
	28.17	7.18	7.18	14.09	3.59	3.59

Methodology

Total Weight driven per day (ton/day) = [Maximum Weight Loaded (tons/trip)] * [Maximum trips per day (trip/day)]
 Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip)] / [5280 ft/mile]
 Maximum one-way miles (miles/day) = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
 Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)]
 Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
 Mitigated PTE (tons/yr) = (Maximum one-way miles (miles/yr)) * (Mitigated Emission Factor (lb/mile)) * (ton/2000 lbs)
 Controlled PTE (tons/yr) = (Mitigated PTE (tons/yr)) * (1 - Dust Control Efficiency)

From: [Mary Place](#)
To: [Grogan, Jeffery](#)
Cc: [Dudley Berthold](#)
Subject: Re: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Date: Tuesday, May 14, 2024 8:28:21 AM
Attachments: [image003.png](#)
[image005.png](#)

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Jeff,

You should have received the paper copies by now. I will send duplicates today.

Thanks!

Mary Place (Parson)

Senior Project Manager

[3807 Transportation Drive](#)

[Fort Wayne, IN 46818](#)

[260.497.7645](#) (office) [260.413.0381](#)(mobile)

m.place@sesadvantage.com

www.SESadvantage.com

[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)

On May 14, 2024, at 7:23 AM, Grogan, Jeffery <JGrogan@idem.in.gov> wrote:

****External Email****

Hi again,

Thank you for sending over the calculations. We have not received a hard copy of the application. When do you plan on submitting that?

Thank you!

Best,

Jeff

<[image003.png](#)> [Jeffery Grogan](#)
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov
Indiana Department of Environmental Management

From: Mary Place <m.parson@sesadvantage.com>

Sent: Monday, May 6, 2024 1:52 PM

To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; Grogan, Jeffery <JGrogan@idem.IN.gov>

Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Jeff!

Please see the calculations attached.

Please let us know if you need anything else.

Thanks!

Mary Place (Parson)

Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SFSadvantage.com

[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)

<image004.jpg>

CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>

Sent: Monday, May 6, 2024 8:57 AM

To: Grogan, Jeffery <JGrogan@idem.IN.gov>; Mary Place <m.parson@sesadvantage.com>

Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

We are packaging un-popped popcorn for microwave

<image005.png>

Dudley Berthold II, MS

Director of Environmental, Health & Safety

Dudley.Berthold@WeaverPopcornMFG.com

260-639-2045

303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>

Sent: Monday, May 6, 2024 8:25 AM

To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; m.place@sesadvantage.com

Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

CAUTION: External Sender

Dear Dudley and Mary,

I am the permit writer assigned to the current application No. 053-47788-00033 for Weaver Popcorn Company, Inc. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

Based on my preliminary review of the application, please specify if this facility manufactures packaged unpopped popcorn or popped popcorn. This is to ensure we classify it under the correct SIC code.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If Weaver Popcorn Company, Inc. would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Madhurima Moulik) may be contacted at 317-233-6663 or mmoulik@idem.in.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,
Jeff

<image003.png> Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov

Indiana Department of Environmental Management

From: [Dudley Berthold](#)
To: [Mary Place](#); [Grogan, Jeffery](#)
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Date: Tuesday, May 14, 2024 9:23:48 AM
Attachments: [image001.png](#)

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Can we send the next set via confirmation certificate?



Dudley Berthold II, MS
Director of Environmental, Health & Safety
Dudley.Berthold@WeaverPopcornMFG.com
260-639-2045
303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Mary Place <m.parson@sesadvantage.com>
Sent: Tuesday, May 14, 2024 8:28 AM
To: Grogan, Jeffery <JGrogan@idem.in.gov>
Cc: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Subject: Re: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

Hi Jeff,

You should have received the paper copies by now. I will send duplicates today.

Thanks!

Mary Place (Parson)
Senior Project Manager
[3807 Transportation Drive](#)
[Fort Wayne, IN 46818](#)
[260.497.7645](tel:260.497.7645) (office) [260.413.0381](tel:260.413.0381)(mobile)
m.place@sesadvantage.com
www.SESadvantage.com
[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)

On May 14, 2024, at 7:23 AM, Grogan, Jeffery <JGrogan@idem.in.gov> wrote:

****External Email****

Hi again,

Thank you for sending over the calculations. We have not received a hard copy of the application. When do you plan on submitting that?

Thank you!

Best,
Jeff

<image003.png> [Jeffery Grogan](#)
Environmental Manager 2
[\(317\) 234-2111](tel:317.234.2111) • jgrogan@idem.in.gov

Indiana Department of Environmental Management

From: Mary Place <m.parson@sesadvantage.com>
Sent: Monday, May 6, 2024 1:52 PM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; Grogan, Jeffery <JGrogan@idem.IN.gov>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Jeff!

Please see the calculations attached.

Please let us know if you need anything else.

Thanks!

Mary Place (Parson)

Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SESadvantage.com

PERMITTING • INDUSTRIAL HYGIENE • SAFETY • COMPLIANCE • STEWARDSHIP • DUE DILIGENCE • WETLANDS

<image004.jpg>

CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Sent: Monday, May 6, 2024 8:57 AM
To: Grogan, Jeffery <JGrogan@idem.IN.gov>; Mary Place <m.parson@sesadvantage.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

We are packaging ~~un-popped~~ popcorn for microwave

<image005.png>

Dudley Berthold II, MS
Director of Environmental, Health & Safety
Dudley.Berthold@WeaverPopcornMFG.com
260-639-2045
303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>
Sent: Monday, May 6, 2024 8:25 AM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; m.place@sesadvantage.com
Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

CAUTION: External Sender

Dear Dudley and Mary,

I am the permit writer assigned to the current application No. 053-47788-00033 for Weaver Popcorn Company, Inc. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued.

Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

Based on my preliminary review of the application, please specify if this facility manufactures packaged unpopped popcorn or popped popcorn. This is to ensure we classify it under the correct SIC code.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If Weaver Popcorn Company, Inc. would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Madhurima Moulik) may be contacted at 317-233-6663 or mmoulik@idem.in.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,
Jeff

<image003.png> Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov

Indiana Department of Environmental Management

From: [Mary Place](#)
To: [Dudley Berthold](#); [Grogan, Jeffery](#)
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Date: Tuesday, May 14, 2024 9:55:59 AM
Attachments: [image003.png](#)

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Certainly.

Mary Place (Parson)

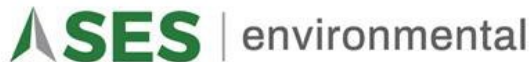
Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SESadvantage.com

[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)



CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Sent: Tuesday, May 14, 2024 9:23 AM
To: Mary Place <m.parson@sesadvantage.com>; Grogan, Jeffery <JGrogan@idem.in.gov>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

Can we send the next set via confirmation certificate?



Dudley Berthold II, MS
Director of Environmental, Health & Safety
Dudley.Berthold@WeaverPopcornMFG.com
260-639-2045
303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Mary Place <m.parson@sesadvantage.com>
Sent: Tuesday, May 14, 2024 8:28 AM
To: Grogan, Jeffery <JGrogan@idem.in.gov>
Cc: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Subject: Re: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

Hi Jeff,

You should have received the paper copies by now. I will send duplicates today.

Thanks!

Mary Place (Parson)
Senior Project Manager
3807 Transportation Drive
Fort Wayne, IN 46818
260.497.7645 (office) 260.413.0381(mobile)
m.place@sesadvantage.com
www.SESadvantage.com

On May 14, 2024, at 7:23 AM, Grogan, Jeffery <JGrogan@idem.in.gov> wrote:

****External Email****

Hi again,

Thank you for sending over the calculations. We have not received a hard copy of the application. When do you plan on submitting that?

Thank you!

Best,
Jeff

<image003.png> Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov
Indiana Department of Environmental Management

From: Mary Place <m.parson@sesadvantage.com>
Sent: Monday, May 6, 2024 1:52 PM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; Grogan, Jeffery <JGrogan@idem.IN.gov>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Jeff!

Please see the calculations attached.

Please let us know if you need anything else.

Thanks!

Mary Place (Parson)
Senior Project Manager
3807 Transportation Drive, Fort Wayne, IN 46818
+1 260.497.7645 (office) | +1 260.413.0381 (mobile)
m.place@sesadvantage.com | www.SESadvantage.com
[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)

<image004.jpg>
CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Sent: Monday, May 6, 2024 8:57 AM
To: Grogan, Jeffery <JGrogan@idem.IN.gov>; Mary Place <m.parson@sesadvantage.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

We are packaging un-popped popcorn for microwave

| **Dudley Berthold II, MS**

<image005.png>

Director of Environmental, Health & Safety
Dudley.Berthold@WeaverPopcornMFG.com
260-639-2045
303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>
Sent: Monday, May 6, 2024 8:25 AM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; m.place@sesadvantage.com
Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

CAUTION: External Sender

Dear Dudley and Mary,

I am the permit writer assigned to the current application No. 053-47788-00033 for Weaver Popcorn Company, Inc. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

Based on my preliminary review of the application, please specify if this facility manufactures packaged unpopped popcorn or popped popcorn. This is to ensure we classify it under the correct SIC code.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If Weaver Popcorn Company, Inc. would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Madhurima Moulik) may be contacted at 317-233-6663 or mmoulik@idem.in.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,
Jeff

<image003.png>

Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov
Indiana Department of Environmental Management

From: [Dudley Berthold](#)
To: [Mary Place](#)
Cc: [Grogan, Jeffery](#)
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Date: Tuesday, May 21, 2024 2:33:13 PM
Attachments: [image001.png](#)
[image002.png](#)

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Mary did this get buttoned up...?



Dudley Berthold II, MS
Director of Environmental, Health & Safety
Dudley.Berthold@WeaverPopcornMFG.com
260-639-2045
303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>
Sent: Tuesday, May 14, 2024 7:23 AM
To: Mary Place <m.parson@sesadvantage.com>; Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

Hi again,

Thank you for sending over the calculations. We have not received a hard copy of the application. When do you plan on submitting that?

Thank you!

Best,
Jeff



Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov
Indiana Department of Environmental Management

From: Mary Place <m.parson@sesadvantage.com>
Sent: Monday, May 6, 2024 1:52 PM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; Grogan, Jeffery <JGrogan@idem.IN.gov>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Jeff!

Please see the calculations attached.

Please let us know if you need anything else.

Thanks!

Mary Place (Parson)

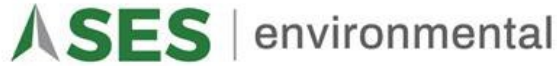
Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SESadvantage.com

[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)



CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>

Sent: Monday, May 6, 2024 8:57 AM

To: Grogan, Jeffery <JGrogan@idem.IN.gov>; Mary Place <m.parson@sesadvantage.com>

Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

We are packaging un-popped popcorn for microwave



Dudley Berthold II, MS

Director of Environmental, Health & Safety

Dudley.Berthold@WeaverPopcornMFG.com

260-639-2045

303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>

Sent: Monday, May 6, 2024 8:25 AM

To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; m.place@sesadvantage.com

Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

CAUTION: External Sender

Dear Dudley and Mary,

I am the permit writer assigned to the current application No. 053-47788-00033 for Weaver Popcorn Company, Inc. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

Based on my preliminary review of the application, please specify if this facility manufactures packaged unpopped popcorn or popped popcorn. This is to ensure we classify it under the correct SIC code.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If Weaver Popcorn Company, Inc. would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper

copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Madhurima Moulik) may be contacted at 317-233-6663 or mmoulik@idem.in.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,
Jeff



Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov
Indiana Department of Environmental Management

From: [Mary Place](#)
To: [Dudley Berthold](#)
Cc: [Grogan, Jeffery](#)
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Date: Tuesday, May 21, 2024 2:39:14 PM
Attachments: [image004.png](#)
[image005.png](#)

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Yes, it was sent again that day certified mail.

Mary Place (Parson)

Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SESadvantage.com

[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)



CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Sent: Tuesday, May 21, 2024 2:32 PM
To: Mary Place <m.parson@sesadvantage.com>
Cc: Grogan, Jeffery <JGrogan@idem.IN.gov>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

Mary did this get buttoned up...?



Dudley Berthold II, MS

Director of Environmental, Health & Safety

Dudley.Berthold@WeaverPopcornMEG.com

260-639-2045

303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>
Sent: Tuesday, May 14, 2024 7:23 AM
To: Mary Place <m.parson@sesadvantage.com>; Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

Hi again,

Thank you for sending over the calculations. We have not received a hard copy of the application. When do you plan on submitting that?

Thank you!

Best,
Jeff



Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov
Indiana Department of Environmental Management

From: Mary Place <m.parson@sesadvantage.com>
Sent: Monday, May 6, 2024 1:52 PM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; Grogan, Jeffery <JGrogan@idem.IN.gov>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Jeff!

Please see the calculations attached.

Please let us know if you need anything else.

Thanks!

Mary Place (Parson)

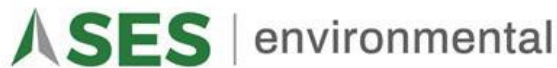
Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SESadvantage.com

[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)



CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Sent: Monday, May 6, 2024 8:57 AM
To: Grogan, Jeffery <JGrogan@idem.IN.gov>; Mary Place <m.parson@sesadvantage.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

We are packaging un-popped popcorn for microwave



Dudley Berthold II, MS
Director of Environmental, Health & Safety
Dudley.Berthold@WeaverPopcornMFG.com
260-639-2045
303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>

Sent: Monday, May 6, 2024 8:25 AM

To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; m.place@sesadvantage.com

Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

CAUTION: External Sender

Dear Dudley and Mary,

I am the permit writer assigned to the current application No. 053-47788-00033 for Weaver Popcorn Company, Inc. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

Based on my preliminary review of the application, please specify if this facility manufactures packaged unpopped popcorn or popped popcorn. This is to ensure we classify it under the correct SIC code.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If Weaver Popcorn Company, Inc. would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Madhurima Moulik) may be contacted at 317-233-6663 or mmoulik@idem.in.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,
Jeff



Jeffery Grogan
Environmental Manager 2

(317) 234-2111 • jgrogan@idem.in.gov

Indiana Department of Environmental Management

From: [Dudley Berthold](#)
To: [Mary Place](#)
Cc: [Grogan, Jeffery](#)
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Date: Tuesday, May 21, 2024 2:48:23 PM
Attachments: [image001.png](#)
[image003.png](#)

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Thanks did you get the signed card back yet?



Dudley Berthold II, MS
Director of Environmental, Health & Safety
Dudley.Berthold@WeaverPopcornMFG.com
260-639-2045
303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Mary Place <m.parson@sesadvantage.com>
Sent: Tuesday, May 21, 2024 2:38 PM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Cc: Grogan, Jeffery <JGrogan@idem.IN.gov>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

Yes, it was sent again that day certified mail.

Mary Place (Parson)

Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SESadvantage.com

PERMITTING • INDUSTRIAL HYGIENE • SAFETY • COMPLIANCE • STEWARDSHIP • DUE DILIGENCE • WETLANDS



CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Sent: Tuesday, May 21, 2024 2:32 PM
To: Mary Place <m.parson@sesadvantage.com>
Cc: Grogan, Jeffery <JGrogan@idem.IN.gov>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

Mary did this get buttoned up...?



Dudley Berthold II, MS
Director of Environmental, Health & Safety
Dudley.Berthold@WeaverPopcornMFG.com
260-639-2045
303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>
Sent: Tuesday, May 14, 2024 7:23 AM
To: Mary Place <m.parson@sesadvantage.com>; Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

Hi again,

Thank you for sending over the calculations. We have not received a hard copy of the application. When do you plan on submitting that?

Thank you!

Best,
Jeff



Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov
Indiana Department of Environmental Management

From: Mary Place <m.parson@sesadvantage.com>
Sent: Monday, May 6, 2024 1:52 PM
To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; Grogan, Jeffery <JGrogan@idem.IN.gov>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Jeff!

Please see the calculations attached.

Please let us know if you need anything else.

Thanks!

Mary Place (Parson)

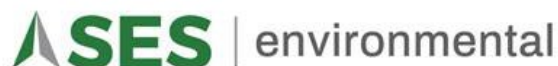
Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SESadvantage.com

[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)



CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>
Sent: Monday, May 6, 2024 8:57 AM
To: Grogan, Jeffery <JGrogan@idem.IN.gov>; Mary Place <m.parson@sesadvantage.com>

Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

****External Email****

We are packaging un-popped popcorn for microwave



Dudley Berthold II, MS

Director of Environmental, Health & Safety

Dudley.Berthold@WeaverPopcornMFG.com

260-639-2045

303 Congressional Blvd, Carmel, IN 46032

NOTICE: Our company will never ask for financial information over email. Please verify the authenticity of all emails from us before providing sensitive information.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>

Sent: Monday, May 6, 2024 8:25 AM

To: Dudley Berthold <dudley.berthold@weaverpopcornmfg.com>; m.place@sesadvantage.com

Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 053-47788-00033 for Weaver Popcorn Company, Inc.

CAUTION: External Sender

Dear Dudley and Mary,

I am the permit writer assigned to the current application No. 053-47788-00033 for Weaver Popcorn Company, Inc. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

Based on my preliminary review of the application, please specify if this facility manufactures packaged unpopped popcorn or popped popcorn. This is to ensure we classify it under the correct SIC code.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If Weaver Popcorn Company, Inc. would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Madhurima Moulik) may be contacted at 317-233-6663 or mmoulik@idem.in.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,
Jeff



Jeffery Grogan
Environmental Manager 2

(317) 234-2111 • jgrogan@idem.in.gov

Indiana Department of Environmental Management

From: [Mary Place](#)
To: [Grogan, Jeffery](#); dudley.berthold@weaverpopcornmfg.com
Subject: RE: Applicant Review for FESOP AA No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Date: Thursday, June 20, 2024 10:44:29 AM
Attachments: [image003.png](#)

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Thank you!

Mary Place (Parson)

Senior Project Manager

3807 Transportation Drive, Fort Wayne, IN 46818

+1 260.497.7645 (office) | +1 260.413.0381 (mobile)

m.place@sesadvantage.com | www.SESadvantage.com

[PERMITTING](#) • [INDUSTRIAL HYGIENE](#) • [SAFETY](#) • [COMPLIANCE](#) • [STEWARDSHIP](#) • [DUE DILIGENCE](#) • [WETLANDS](#)



CONFIDENTIALITY NOTICE: This email message (including all attachments) is for the sole use of the intended recipient(s) and may contain confidential information. Any unauthorized review, use, disclosure, copying or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: Grogan, Jeffery <JGrogan@idem.IN.gov>
Sent: Thursday, June 20, 2024 10:08 AM
To: dudley.berthold@weaverpopcornmfg.com; Mary Place <m.parson@sesadvantage.com>
Subject: Applicant Review for FESOP AA No. 053-47788-00033 for Weaver Popcorn Company, Inc.
Importance: High

****External Email****

Dear Dudley Berthold II and Mary Place:

Attached please find the draft FESOP Administrative Amendment and supporting documents for review. As a courtesy, this draft is being provided to you for an opportunity to review and provide comments prior to the issuance of the permit approval.

The time clock for FESOP Administrative Amendment No.: 053-47788-00033 will be stopped during your review until you either provide comments or indicate that you do not have any comments. Due to permit accountability and IDEM's intention to issue the permit in a timely manner, you are being allotted one (1) week to provide comments in writing. If you have any conflicts or special circumstances that would impede your review process during the time allotted, please notify me directly at the email address or phone number listed below as soon as possible. If you have not responded on or before June 27, 2024, IDEM will assume

that you have no comments pertaining to this draft and all files will be forwarded for issuance.

During this review period, I will be available to address your concerns, answer any questions that you may have, or make necessary revisions to this draft.

The following documents are not including in this review but will be included in the final approval:
Attachment D: 40 CFR Part 63, Subpart ZZZZ

Pursuant to 326 IAC 2-1.1-7, the fee for this permitting action is expected to be \$0, for a FESOP Administrative Amendment.

Please note: This is not a bill. This represents the anticipated fee and is subject to change if additional review is required or the permit level changes for some reason (e.g. an additional NESHAP review is required). You will receive a final bill from the OAQ Permits Administration and Support Section.

Sincerely,
Jeff



Jeffery Grogan
Environmental Manager 2
(317) 234-2111 • jgrogan@idem.in.gov

Indiana Department of Environmental Management

BILLING WORKSHEET

FESOP Permits

For Applications Received On and After October 1, 2019

Permit #: 053-47788-00033
 Permit Reviewer: Jeffery Grogan
 Application Received Date: 4/30/2024

Instructions: Permit Reviewers will fill out yellow-highlighted cells (as necessary) and check the appropriate box or fill in the number of reviews. The total fee will be calculated at the bottom and transferred to the billing amount on the first page. Permit Reviewers will change the bottom worksheet tab color to yellow to indicate the permit billing worksheet that was filled out. PASS staff will fill out the green-highlighted cells (as necessary).

FESOP Fees			
<input type="checkbox"/>		\$793	FESOP Min Permit Revision (45)
<input type="checkbox"/>		\$793	FESOP Renewal / Min NSR (120)*
<input type="checkbox"/>		\$5,556	FESOP Renewal / Sig NSR (120)*
<input type="checkbox"/>		\$5,556	FESOP NSC (Minor PSD/EO) (120)
<input type="checkbox"/>		\$9,525	FESOP NSC (Major PSD/EO) (270)
<input type="checkbox"/>		\$5,556	FESOP SPR (Minor PSD/EO) (120)
<input type="checkbox"/>		\$9,525	FESOP SPR (Major PSD/EO) (270)
<input type="checkbox"/>		\$793	FESOP w/NSR (120)*
<input type="checkbox"/>		\$5,556	FESOP w/NSR (120)*
FESOP Transition Fees			
<input type="checkbox"/>		\$1,587	FESOP Transition from TV (no NSR)
* Bill \$793 when the permit includes a modification (new or modified equipment) at MPR levels. Bill \$5,556 when the permit includes a modification (new or modified equipment) at SPR levels.			
Note: See "Transition scenarios - permits and fees" document located in SharePoint for more information on handling transition permits and associated fees.			

NSPS / NESHAP / 326 IAC 8-1-6 BACT / 326 IAC 2-4.1 MACT Review			
Number of Reviews	Total Fee	Fee	See "NSPS-NESHAP-BACT Billing Info" document for instructions
		\$793	for each review for an applicable NSPS
		\$793	for each review for an applicable NESHAP
		\$952	times each 326 IAC 8-1-6 BACT and each 326 IAC 2-4.1 MACT
For each best available control technology (BACT) analysis for VOC under 326 IAC 8-1-6 and for each maximum achievable control technology (MACT) under 326 IAC 2-4.1. [326 IAC 2-1.1-7(m)(5)]			

Other Fees			
<input type="checkbox"/>		\$793	Interim – Any type
<input type="checkbox"/>		\$793	Public Hearing

PSD BACT or LAER Review			
<input type="checkbox"/>		\$4,762	2 to 5 Review Analyses
<input type="checkbox"/>		\$9,525	6 to 10 Review Analyses
<input type="checkbox"/>		\$15,875	11 or more Review Analyses
Fees for BACT under 326 IAC 2-2-3 or LAER under 326 IAC 2-3-3 are per pollutant and per emissions unit or group of identical emissions units for which a control technology analysis is required. [326 IAC 2-1.1-7(m)(2)]			

Air Quality Impact Study Review			
Number of Pollutants	Total Fee	Fee	
		\$9,525	per pollutant if OAQ does the analysis
<input type="checkbox"/>		\$5,556	if applicant does the analysis (not dependent on number of pollutants)

Plantwide Applicability Limitation (PAL)		
PAL Pollutants (tons/year)	Total Fee	Instructions: enter total allowable tons under all PALs in the permit - fee, including max fee, will calculate automatically.
		PAL: separate fee per PAL pollutant. \$63 per ton of allowable emissions Maximum Combined fee for all PAL pollutants not to exceed \$63,500

\$0 Total Applicable Fee

