west virginia department of environmental protection

Division of Air Quality
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Charleston, WV 25304
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

November 01, 2016

CERTIFIED MAIL
91 7199 9991 7035 6610 3818

Delbert E. Leatherman
PO Box 2049
Buckhannon, WV 26201

RE: J.F. Allen Company
McAlpin / Bridgeport Site
Permit Application R13-2109A
Plant ID No. 033-00127

Dear Mr. Leatherman:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit R13-2109A is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

In accordance with 45CSR30- Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.

Thornton E. Martin Jr.
Permit Engineer

c: Rose Riggs, Safety & Environmental Manager

West Virginia Department of Environmental Protection

Earl Ray Tomblin
Governor

Division of Air Quality

Randy C. Huffman
Cabinet Secretary

Permit to Modify

R13-2109A

This permit is issued in accordance with the West Virginia Air Pollution Control Act (West Virginia Code §§22-5-1 et seq.) and 45 C.S.R. 13 – Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation. The permittee identified at the above-referenced facility is authorized to construct the stationary sources of air pollutants identified herein in accordance with all terms and conditions of this permit.

Issued to:

J.F. Allen Co.
McAlpin / Bridgeport
033-00127

William F. Durham
Director

Issued: November 01, 2016

This permit will supercede and replace Permit R13-2109.

Facility Location:	Bridgeport, Harrison County, West Virginia
Mailing Address:	PO Box 2049, Buckhannon, West Virginia 26201
Facility Description:	Hot Mix Asphalt Plant
NAICS Codes:	324121
UTM Coordinates:	565.70 km Easting • 4354.89 km Northing • Zone 17
Permit Type:	Modification
Description of Change:	Applicant proposes to add a Reclaimed Asphalt Process to this facility resulting in the addition of new equipment, haulroad updates and increased stockpile areas. Additionally, the Applicant proposes to increase the production rate from 432,000 tons per year to 600,000 tons per year by increasing the operating schedule of 2,600 hours per year to a maximum of 3,840 hours per year.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

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1.0. Emission Units

Equipment ID No.	Description	Installation / Modification Date	Type of Change	Maximum Capacity		Control Equip-ment[1]
				TPH	TPY	
Equipment						
RDD1	Rotary Drum/ Dryer (Natural Gas – #2	1997	No Change	300	600,000	CD1
C1	Portable Crusher	2016	New	166	90,000	PE
S1	Double Deck Screen	1997	No Change	300	75,000	PE
S2	Deister Screen	2016	New	90	25,000	PE
S3	Portable RAP Screen	2016	New	240	25,000	PE
H1	Asphalt Heater – (Natural Gas – #2 Diesel backup)	1997	No Change	N/A		N
Conveyors						
BC1	Belt Conveyor	1997	No Change	300	600,000	N
BC2	Belt Conveyor	1997	No Change	300	600,000	N
BC3	Covered Conveyor	1997	No Change	300	600,000	FE
BC4	Belt Conveyor	2016	New	90	25,000	FE
BC5	Belt Conveyor	2016	New	90	25,000	FE
BC6	Belt Conveyor	2016	New	90	25,000	FE
BC7	Cleanout Conveyor	2016	New	N/A		N
Storage						
OSP-1	L4 Stockpile	1997	No Change	----	12,600	N
OSP-2	L4 Stockpile	1997	No Change	----	12,600	N
OSP-3	L57 Stockpile	1997	No Change	----	6,300	N
OSP-4	L57 Stockpile	1997	No Change	----	6,300	N
OSP-5	L67 Stockpile	1997	No Change	----	6,300	N
OSP-6	L67 Stockpile	1997	No Change	----	6,300	N
OSP-7	L8 Stockpile	1997	No Change	----	12,600	N
OSP-8	L8 Stockpile	2016	New	----	12,600	N
OSP-9	L9 Stockpile	2016	New	----	12,600	N
OSP-10	L9 Stockpile	2016	New	----	12,600	N
OSP-11	CR1.5 Stockpile	2016	New	----	11,200	N
OSP-12	Sand Stockpile	2016	New	----	21,000	N
OSP-13	Sand Stockpile	2016	New	----	21,000	N
OSP-14	L1 Stockpile	2016	New	----	10,000	N
OSP-15	3's Stockpile	2016	New	----	10,000	N
OSP-16	RAP Stockpile	2016	New	----	30,000	N
OSP-17	RAP Stockpile	2016	New	----	30,000	N
OSP-18	RAP (Crushed) Stockpile	2016	New	----	30,000	N
TK1	Storage Tank – Asphalt Cement	1997	No Change	N/A		N/A
TK2	Storage Tank – Asphalt Cement	1997	No Change	N/A		N/A
TK3	Storage Tank – Asphalt Cement	2016	New	N/A		N/A
B1	Aggregate Bin	1997	No Change	N/A		N
B2	Aggregate Bin	1997	No Change	N/A		N

Equipment ID No.	Description	Installation / Modification Date	Type of Change	Maximum Capacity		Control Equip-ment[1]
				TPH	TPY	
B3	Aggregate Bin	1997	No Change	N/A		N
B4	Aggregate Bin	1997	No Change	N/A		N
B5	Aggregate Bin	1997	No Change	N/A		N
B6	Aggregate Bin	1997	No Change	N/A		N
B7	RAP Bin	2016	New	N/A		N
B8	RAP Bin	2016	New	N/A		N
SILO 1	HMA Silo	1997	No Change	N/A		FE
SILO 2	HMA Silo	1997	No Change	N/A		FE
SILO 3	HMA Silo	2016	New	N/A		FE
SILO 4	HMA Silo	2016	New	N/A		FE
SILO M	Mineral Silo	2005	No Change	N/A		FE

[1] FE - Full Enclosure; PE - Partial Enclosure; N - None; N/A - Not Available; CD1 - Gencor Model No. 146 baghouse

2.0. General Conditions

2.1. Definitions

2.1.1. All references to the "West Virginia Air Pollution Control Act" or the "Air Pollution Control Act" mean those provisions contained in W.Va. Code §§ 22-5-1 to 22-5-18.

2.1.2. The "Clean Air Act" means those provisions contained in 42 U.S.C. §§ 7401 to 7671q, and regulations promulgated thereunder.

2.1.3. "Secretary" means the Secretary of the Department of Environmental Protection or such other person to whom the Secretary has delegated authority or duties pursuant to W.Va. Code §§ 22-1-6 or 22-1-8 (45CSR§30-2.12.). The Director of the Division of Air Quality is the Secretary's designated representative for the purposes of this permit.

2.2. Acronyms

CAAA	Clean Air Act Amendments	**NO_X**	Nitrogen Oxides
CBI	Confidential Business Information	**NSPS**	New Source Performance Standards
CEM	Continuous Emission Monitor	**PM**	Particulate Matter
CES	Certified Emission Statement	**$PM_{2.5}$**	Particulate Matter less than 2.5 μm in diameter
C.F.R. *or* CFR	Code of Federal Regulations	**PM_{10}**	Particulate Matter less than 10μm in diameter
CO	Carbon Monoxide	**Ppb**	Pounds per Batch
C.S.R. *or* CSR	Codes of State Rules	**Pph**	Pounds per Hour
DAQ	Division of Air Quality	**Ppm**	Parts per Million
DEP	Department of Environmental Protection	**Ppm_V or ppmv**	Parts per Million by Volume
dscm	Dry Standard Cubic Meter	**PSD**	Prevention of Significant Deterioration
FOIA	Freedom of Information Act	**Psi**	Pounds per Square Inch
HAP	Hazardous Air Pollutant	**SIC**	Standard Industrial Classification
HON	Hazardous Organic NESHAP	**SIP**	State Implementation Plan
HP	Horsepower	**SO_2**	Sulfur Dioxide
lbs/hr	Pounds per Hour	**TAP**	Toxic Air Pollutant
LDAR	Leak Detection and Repair	**TPY**	Tons per Year
M	Thousand	**TRS**	Total Reduced Sulfur
MACT	Maximum Achievable Control Technology	**TSP**	Total Suspended Particulate
MDHI	Maximum Design Heat Input	**USEPA**	United States Environmental Protection Agency
MM	Million	**UTM**	Universal Transverse Mercator
MMBtu/hr *or* mmbtu/hr	Million British Thermal Units per Hour	**VEE**	Visual Emissions Evaluation
MMCF/hr *or* mmcf/hr	Million Cubic Feet per Hour	**VOC**	Volatile Organic Compounds
NA	Not Applicable	**VOL**	Volatile Organic Liquids
NAAQS	National Ambient Air Quality Standards		
NESHAPS	National Emissions Standards for Hazardous Air Pollutants		

2.3. Authority

This permit is issued in accordance with West Virginia Air Pollution Control Act W.Va. Code §§ 22-5-1. et seq. and the following Legislative Rules promulgated thereunder:

2.3.1. 45CSR13 – *Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation*;

2.4. Term and Renewal

2.4.1. This permit supersedes and replaces previously issued Permit R13-2109. This Permit shall remain valid, continuous and in effect unless it is revised, suspended, revoked or otherwise changed under an applicable provision of 45CSR13 or any other applicable legislative rule;

2.5. Duty to Comply

2.5.1. The permitted facility shall be constructed and operated in accordance with the plans and specifications filed in Permit Application R13-2109A, R13-2109, and any modifications, administrative updates, or amendments thereto. The Secretary may suspend or revoke a permit if the plans and specifications upon which the approval was based are not adhered to; **[45CSR§§13-5.11 and 10.3.]**

2.5.2. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the West Virginia Code and the Clean Air Act and is grounds for enforcement action by the Secretary or USEPA;

2.5.3. Violations of any of the conditions contained in this permit, or incorporated herein by reference, may subject the permittee to civil and/or criminal penalties for each violation and further action or remedies as provided by West Virginia Code 22-5-6 and 22-5-7;

2.5.4. Approval of this permit does not relieve the permittee herein of the responsibility to apply for and obtain all other permits, licenses, and/or approvals from other agencies; i.e., local, state, and federal, which may have jurisdiction over the construction and/or operation of the source(s) and/or facility herein permitted.

2.6. Duty to Provide Information

The permittee shall furnish to the Secretary within a reasonable time any information the Secretary may request in writing to determine whether cause exists for administratively updating, modifying, revoking, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Secretary copies of records to be kept by the permittee. For information claimed to be confidential, the permittee shall furnish such records to the Secretary along with a claim of confidentiality in accordance with 45CSR31. If confidential information is to be sent to USEPA, the permittee shall directly provide such information to USEPA along with a claim of confidentiality in accordance with 40 C.F.R. Part 2.

2.7. Duty to Supplement and Correct Information

Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the permittee shall promptly submit to the Secretary such supplemental facts or corrected information.

2.8. Administrative Update

The permittee may request an administrative update to this permit as defined in and according to the procedures specified in 45CSR13.
[45CSR§13-4.]

2.9. Permit Modification

The permittee may request a minor modification to this permit as defined in and according to the procedures specified in 45CSR13.
[45CSR§13-5.4.]

2.10 Major Permit Modification

The permittee may request a major modification as defined in and according to the procedures specified in 45CSR14 or 45CSR19, as appropriate.
[45CSR§13-5.1]

2.11. Inspection and Entry

The permittee shall allow any authorized representative of the Secretary, upon the presentation of credentials and other documents as may be required by law, to perform the following:

a. At all reasonable times (including all times in which the facility is in operation) enter upon the permittee's premises where a source is located or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect at reasonable times (including all times in which the facility is in operation) any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

d. Sample or monitor at reasonable times substances or parameters to determine compliance with the permit or applicable requirements or ascertain the amounts and types of air pollutants discharged.

2.12. Emergency

2.12.1. An "emergency" means any situation arising from sudden and reasonable unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by

improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

2.12.2. Effect of any emergency. An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions of Section 2.12.3 are met.

2.12.3. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;

b. The permitted facility was at the time being properly operated;

c. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

d. The permittee submitted notice of the emergency to the Secretary within one (1) working day of the time when emission limitations were exceeded due to the emergency and made a request for variance, and as applicable rules provide. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

2.12.4. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

2.12.5 The provisions of this section are in addition to any emergency or upset provision contained in any applicable requirement.

2.13. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it should have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. However, nothing in this paragraph shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in determining penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continued operations.

2.14. Suspension of Activities

In the event the permittee should deem it necessary to suspend, for a period in excess of sixty (60) consecutive calendar days, the operations authorized by this permit, the permittee shall notify the Secretary, in writing, within two (2) calendar weeks of the passing of the sixtieth (60) day of the suspension period.

2.15. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege.

2.16. Severability

The provisions of this permit are severable and should any provision(s) be declared by a court of competent jurisdiction to be invalid or unenforceable, all other provisions shall remain in full force and effect.

2.17. Transferability

This permit is transferable in accordance with the requirements outlined in Section 10.1 of 45CSR13. **[45CSR§13-10.1.]**

2.18. Notification Requirements

The permittee shall notify the Secretary, in writing, no later than thirty (30) calendar days after the actual startup of the operations authorized under this permit.

2.19. Credible Evidence

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defense otherwise available to the permittee including, but not limited to, any challenge to the credible evidence rule in the context of any future proceeding.

3.0. Facility-Wide Requirements

3.1. Limitations and Standards

3.1.1. **Open burning.** The open burning of refuse by any person, firm, corporation, association or public agency is prohibited except as noted in 45CSR§6-3.1.
[45CSR§6-3.1.]

3.1.2. **Open burning exemptions.** The exemptions listed in 45CSR§6-3.1 are subject to the following stipulation: Upon notification by the Secretary, no person shall cause, suffer, allow or permit any form of open burning during existing or predicted periods of atmospheric stagnation. Notification shall be made by such means as the Secretary may deem necessary and feasible.
[45CSR§6-3.2.]

3.1.3. **Asbestos.** The permittee is responsible for thoroughly inspecting the facility, or part of the facility, prior to commencement of demolition or renovation for the presence of asbestos and complying with 40 C.F.R. § 61.145, 40 C.F.R. § 61.148, and 40 C.F.R. § 61.150. The permittee, owner, or operator must notify the Secretary at least ten (10) working days prior to the commencement of any asbestos removal on the forms prescribed by the Secretary if the permittee is subject to the notification requirements of 40 C.F.R. § 61.145(b)(3)(i). The USEPA, the Division of Waste Management, and the Bureau for Public Health - Environmental Health require a copy of this notice to be sent to them.
[40CFR§61.145(b) and 45CSR§34]

3.1.4. **Odor.** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor at any location occupied by the public.
[45CSR§4-3.1] ***[State Enforceable Only]***

3.1.5. **Permanent shutdown.** A source which has not operated at least 500 hours in one 12-month period within the previous five (5) year time period may be considered permanently shutdown, unless such source can provide to the Secretary, with reasonable specificity, information to the contrary. All permits may be modified or revoked and/or reapplication or application for new permits may be required for any source determined to be permanently shutdown.
[45CSR§13-10.5.]

3.1.6. **Standby plan for reducing emissions.** When requested by the Secretary, the permittee shall prepare standby plans for reducing the emissions of air pollutants in accordance with the objectives set forth in Tables I, II, and III of 45CSR11.
[45CSR§11-5.2.]

3.2. Monitoring Requirements

[Reserved]

3.3. Testing Requirements

3.3.1. **Stack testing.** As per provisions set forth in this permit or as otherwise required by the Secretary, in accordance with the West Virginia Code, underlying regulations, permits and orders, the permittee shall conduct test(s) to determine compliance with the emission limitations set forth in this permit and/or established or set forth in underlying documents. The Secretary, or his duly authorized representative, may at his option witness or conduct such test(s). Should the Secretary

exercise his option to conduct such test(s), the operator shall provide all necessary sampling connections and sampling ports to be located in such manner as the Secretary may require, power for test equipment and the required safety equipment, such as scaffolding, railings and ladders, to comply with generally accepted good safety practices. Such tests shall be conducted in accordance with the methods and procedures set forth in this permit or as otherwise approved or specified by the Secretary in accordance with the following:

a. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with 40 C.F.R. Parts 60, 61, and 63 in accordance with the Secretary's delegated authority and any established equivalency determination methods which are applicable. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4. or 45CSR§13-5.4 as applicable.

b. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with applicable requirements which do not involve federal delegation. In specifying or approving such alternative testing to the test methods, the Secretary, to the extent possible, shall utilize the same equivalency criteria as would be used in approving such changes under Section 3.3.1.a. of this permit. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4. or 45CSR§13-5.4 as applicable.

c. All periodic tests to determine mass emission limits from or air pollutant concentrations in discharge stacks and such other tests as specified in this permit shall be conducted in accordance with an approved test protocol. Unless previously approved, such protocols shall be submitted to the Secretary in writing at least thirty (30) days prior to any testing and shall contain the information set forth by the Secretary. In addition, the permittee shall notify the Secretary at least fifteen (15) days prior to any testing so the Secretary may have the opportunity to observe such tests. This notification shall include the actual date and time during which the test will be conducted and, if appropriate, verification that the tests will fully conform to a referenced protocol previously approved by the Secretary.

d. The permittee shall submit a report of the results of the stack test within sixty (60) days of completion of the test. The test report shall provide the information necessary to document the objectives of the test and to determine whether proper procedures were used to accomplish these objectives. The report shall include the following: the certification described in paragraph 3.5.1.; a statement of compliance status, also signed by a responsible official; and, a summary of conditions which form the basis for the compliance status evaluation. The summary of conditions shall include the following:

    1. The permit or rule evaluated, with the citation number and language;
    2. The result of the test for each permit or rule condition; and,
    3. A statement of compliance or noncompliance with each permit or rule condition.

[WV Code § 22-5-4(a)(14-15) and 45CSR13]

3.4. Recordkeeping Requirements

3.4.1. **Retention of records.** The permittee shall maintain records of all information (including monitoring data, support information, reports, and notifications) required by this permit recorded

in a form suitable and readily available for expeditious inspection and review. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation. The files shall be maintained for at least five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent two (2) years of data shall be maintained on site. The remaining three (3) years of data may be maintained off site, but must remain accessible within a reasonable time. Where appropriate, the permittee may maintain records electronically (on a computer, on computer floppy disks, CDs, DVDs, or magnetic tape disks), on microfilm, or on microfiche.

3.4.2. **Odors.** For the purposes of 45CSR4, the permittee shall maintain a record of all odor complaints received, any investigation performed in response to such a complaint, and any responsive action(s) taken.
[45CSR§4. *State Enforceable Only.*]

3.5. Reporting Requirements

3.5.1. **Responsible official.** Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

3.5.2. **Confidential information.** A permittee may request confidential treatment for the submission of reporting required by this permit pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45CSR31.

3.5.3. **Correspondence.** All notices, requests, demands, submissions and other communications required or permitted to be made to the Secretary of DEP and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class with postage prepaid to the address(es) set forth below or to such other person or address as the Secretary of the Department of Environmental Protection may designate:

If to the DAQ:
Director
WVDEP
Division of Air Quality
601 57th Street
Charleston, WV 25304-2345

If to the US EPA:
Associate Director
Office of Air Enforcement and Compliance Assistance
(3AP20)
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

3.5.4. Operating Fee

3.5.4.1. In accordance with 45CSR30 – Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

3.5.5. **Emission inventory.** At such time(s) as the Secretary may designate, the permittee herein shall prepare and submit an emission inventory for the previous year, addressing the emissions from the facility and/or process(es) authorized herein, in accordance with the emission inventory submittal requirements of the Division of Air Quality. After the initial submittal, the Secretary may, based upon the type and quantity of the pollutants emitted, establish a frequency other than on an annual basis.

4.0. Source-Specific Requirements

4.1. Limitations and Standards

4.1.1. **Product Throughput Limit.** Production of hot mix asphalt through the Gencor Ind.,Model 300 Skidded Ultraplant shall not exceed 300 tons per hour or 600,000 tons per year.

4.1.2. **Operational Limit.** Operating hours of the Gencor Ind.,Model 300 Skidded Ultraplant shall not exceed 3,840 hours per year.

4.1.3. Total maximum emissions from the dryer (emission points 1E and 2E) shall not exceed the following.

Pollutant	Natural Gas Usage(1)		Diesel Usage(2)	
	lb/hour	TPY	lb/hour	TPY
CO	39.00	74.88	10.8	0.13
NO_x	7.80	14.98	22.5	0.27
PM	9.82	18.85	10.89	0.13
PM_{10}	6.40	12.29	5.15	0.06
SO_2	1.02	1.96	16.8	0.2
VOC	9.60	18.43	14.7	0.18

(1) Based on a maximum production schedule of 300 TPH and 600,000 TPY of asphalt.
(2) Based on a maximum production schedule of 300 TPH and 24 hours per year of diesel usage.

4.1.4. In accordance with the requirements of 40 CFR 60, Subpart I, the maximum particulate (PM) emissions from the dryer (1E, 2E) shall not exceed 0.04 grains per dry standard cubic foot.

4.1.5. In accordance with the requirements of 40 CFR 60, Subpart IIII, change oil/filter & inspect air cleaner every 1,000 hours or annually; inspect hoses/belts every 500 hours or annually. Maximum sulfur content of Diesel fired as part of these operations shall not exceed 15 ppm.

4.1.6. **RAP Crushing Limit.** Crushing of RAP material through the Portable Crusher (C1), shall not exceed 166 tons per hour or 90,000 tons per year.

4.1.7. In accordance with the requirements of 40 CFR 60, Subpart OOO, the opacity from any transfer point on belt conveyors or from any other affected facility (as defined in 60.670 and 60.671) shall be no greater than 7% and no greater than 12% opacity from any crusher.

4.1.8. All water trucks and water sprays shall have a properly designed, installed, and functional winterization system. This ensures that all fugitive dust control systems remain functional in cold temperatures.

4.1.9. No person shall cause, suffer, allow or permit emission of smoke and/or particulate matter into the open air from any fuel burning equipment which is twenty percent (20%) opacity or greater based on six minute averages using 40 CFR Part 60, Appendix A, Method 9, or other equivalent EPA approved method as approved by the Director.
[45CSR§3-3.1.]

4.1.10. No person shall cause, suffer, allow or permit a plant to operate that is not equipped with a particulate matter capture system. This system shall be designed, operated and maintained in such a manner as to prevent the emission of particulate matter from any point other than a stack outlet. **[45CSR§3-4.5.]**

4.1.11. The owner or operator of the plant shall maintain control of fugitive particulate matter on the plant premises and plant owned, leased or controlled access roads by paving, chemical treatment or other suitable measures. Good operating practices shall be observed in relation to the stockpiling, screen changing and general maintenance to prevent fugitive particulate matter generation and atmospheric entrainment. Good operating practices, including water spraying or other suitable measures, shall be employed to minimize fugitive particulate matter generation and atmospheric entrainment when hot bins are pulled.
[45CSR§3-4.6.]

4.1.12. **Operation and Maintenance of Air Pollution Control Equipment.** The permittee shall, to the extent practicable, install, maintain, and operate all pollution control equipment listed in Section 1.0 and associated monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions, or comply with any more stringent limits set forth in this permit or as set forth by any State rule, Federal regulation, or alternative control plan approved by the Secretary.
[45CSR§13-5.11.]

4.2. Monitoring Requirements

4.2.1. The permittee shall monitor and maintain a certified record of the daily and yearly asphalt production/RAP crushed, and record this data on Appendix A and B of the permit. The permittee shall also monitor and maintain a certified record of the hours of operation and record this data on Appendix C and D of the permit. The permittee shall also monitor and maintain a certified record of water truck water usage and record this data on Appendix E of the permit. The permittee shall also monitor and maintain a certified record of which fuel is being used in the heater and how much is used and record this data on Appendix F of the permit. The permittee shall also monitor and maintain a certified record of the maximum sulfur content of Diesel and record this data on Appendix G of the permit. All records shall be certified by a "responsible official" and maintained for a period of five (5) years. Such records shall be made available to the Director or a duly authorized representative of the Director upon request.

4.3. Testing Requirements

4.3.1. At such reasonable times as the Director may designate, the owner or operator of any hot mix asphalt plant may be required to conduct or have conducted stack tests to determine the particulate matter concentration in exhaust gases. Such tests shall be conducted in accordance with 40 CFR Part 60, Appendix A, Method 5 or other equivalent EPA approved method approved by the Director.
[45CSR§3-6.1.]

4.3.2. All such tests shall be conducted under such reasonable operating conditions as the Director may specify. The Director, or his duly authorized representative, may at his option witness or conduct such stack tests. Should the Director exercise his option to conduct such tests, the operator will provide all the necessary sampling connections and sampling ports to be located in such manner as the Director may require, power for test equipment and the required safety equipment such as scaffolding, railings and ladders to comply with generally accepted good safety practices.
[45CSR§3-6.1.a.]

4.3.3. In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in §60.8(b).
(b) The owner or operator shall determine compliance with the particulate matter standards in §60.92 as follows:

(1) Method 5 shall be used to determine the particulate matter concentration. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).

(2) Method 9 and the procedures in §60.11 shall be used to determine opacity.
[40 CFR §60.93]

4.4. Recordkeeping Requirements

4.4.1. **Record of Monitoring.** The permittee shall keep records of monitoring information that include the following:

a. The date, place as defined in this permit, and time of sampling or measurements;

b. The date(s) analyses were performed;

c. The company or entity that performed the analyses;

d. The analytical techniques or methods used;

e. The results of the analyses; and

f. The operating conditions existing at the time of sampling or measurement.

4.4.2. **Record of Maintenance of Air Pollution Control Equipment.** For all pollution control equipment listed in Section 1.0, the permittee shall maintain accurate records of all required pollution control equipment inspection and/or preventative maintenance procedures.

4.4.3. **Record of Malfunctions of Air Pollution Control Equipment.** For all air pollution control equipment listed in Section 1.0, the permittee shall maintain records of the occurrence and duration of any malfunction or operational shutdown of the air pollution control equipment during which excess emissions occur. For each such case, the following information shall be recorded:

a. The equipment involved.

b. Steps taken to minimize emissions during the event.

c. The duration of the event.

d. The estimated increase in emissions during the event.

For each such case associated with an equipment malfunction, the additional information shall also be recorded:

e. The cause of the malfunction.

f. Steps taken to correct the malfunction.

g. Any changes or modifications to equipment or procedures that would help prevent future recurrences of the malfunction.

4.5. Reporting Requirements

4.5.1. At such time as the Director may request, the operator of the plant will submit data, including, but not limited to, on type, sizing and quantity of the aggregate used and the hours of operation. **[45CSR§3-6.2.]**

APPENDIX A

DAILY ASPHALT PRODUCTION [1,2]

J.F. Allen Company
Permit No. R13-2109A
Plant ID # 033-00127
Month/Year _____

DAY	RAP CRUSHED (TONS)	ASPHALT PRODUCED (TONS)	DAY	RAP CRUSHED (TONS)	ASPHALT PRODUCED (TONS)
1			17		
2			18		
3			19		
4			20		
5			21		
6			22		
7			23		
8			24		
9			25		
10			26		
11			27		
12			28		
13			29		
14			30		
15			31		
16			TOTAL		

1. The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side must be completed.

2. This record shall be maintained on site for a period of five (5) years from the date of certification. It shall be made available, upon request, to the Director or a duly authorized representative to the Director.

APPENDIX B

YEARLY ASPHALT PRODUCTION [1,2]

J.F. Allen Company
Permit No. R13-2109A
Plant ID # 033-00127
Year _____

MONTH	RAP CRUSHED (TONS)	DRUM	
		ASPHALT PRODUCED (TONS)	YEAR TO DATE ASPHALT PRODUCED (TONS)
JANUARY			
FEBRUARY			
MARCH			
APRIL			
MAY			
JUNE			
JULY			
AUGUST			
SEPTEMBER			
OCTOBER			
NOVEMBER			
DECEMBER			

1. The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side must be completed.

2. This record shall be maintained on site for a period of five (5) years from the date of certification. It shall be made available, upon request, to the Director or a duly authorized representative to the Director.

APPENDIX C

DAILY HOURS OF OPERATION [1,2]

J.F. Allen Company
Permit No. R13-2109A
Plant ID # 033-00127
Month/Year _____

DAY	TOTAL OPERATING HOURS	DAY	TOTAL OPERATING HOURS
1		17	
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	
8		24	
9		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16		TOTAL	

1. The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side must be completed.

2. This record shall be maintained on site for a period of five (5) years from the date of certification. It shall be made available, upon request, to the Director or a duly authorized representative to the Director.

APPENDIX D

YEARLY HOURS OF OPERATION [1,2]

J.F. Allen Company
Permit No. R13-2109A
Plant ID # 033-00127
Year _____

MONTH	TOTAL HOURS OF OPERATION	YEAR TO DATE HOURS OF OPERATION
JANUARY		
FEBRUARY		
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		

1. The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side must be completed.

2. This record shall be maintained on site for a period of five (5) years from the date of certification. It shall be made available, upon request, to the Director or a duly authorized representative to the Director.

APPENDIX E

WATER TRUCK USAGE [1,2]

J.F. Allen Company
Permit No. R13-2109A
Plant ID # 033-00127
Month/Year _____

DAY	WATER USAGE (GALLONS)	DAY	WATER USAGE (GALLONS)
1		17	
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	
8		24	
9		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16		TOTAL	

1. The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side must be completed.

2. This record shall be maintained on site for a period of five (5) years from the date of certification. It shall be made available, upon request, to the Director or a duly authorized representative to the Director.

APPENDIX F

FUEL USED IN DRYER [1,2]

J.F. Allen Company
Permit No. R13-2109A
Plant ID # 033-00127
Month/Year _____

Day	Type of Fuel Used (natural gas or Diesel)	Amount Used (ft^3 or gallons)	Day	Type of Fuel Used (natural gas or Diesel)	Amount Used (ft^3 or gallons)
1			17		
2			18		
3			19		
4			20		
5			21		
6			22		
7			23		
8			24		
9			25		
10			26		
11			27		
12			28		
13			29		
14			30		
15			31		
16					

Monthly Totals

Fuel Used	Amount (ft^3 or gallons)
Natural Gas	
Diesel	

1. The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side must be completed.

2. This record shall be maintained on site for a period of five (5) years from the date of certification. It shall be made available, upon request, to the Director or a duly authorized representative to the Director.

APPENDIX G

SULFUR CONTENT OF DIESEL [1,2]

J.F. Allen Company
Permit No. R13-2109A
Plant ID # 033-00127
Month/Year _____

Day	Sulfur Content (% by weight)	Day	Sulfur Content (% by weight)
1		17	
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	
8		24	
9		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16			

1. The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side must be completed.

2. This record shall be maintained on site for a period of five (5) years from the date of certification. It shall be made available, upon request, to the Director or a duly authorized representative to the Director.

CERTIFICATION OF DATA ACCURACY

I, the undersigned, hereby certify that, based on information and belief formed after reasonable inquiry, all information contained in the attached _____, representing the period beginning _____ and ending _____, and any supporting documents appended hereto, is true, accurate, and complete.

Signature[1] (please use blue ink) _____ Responsible Official or Authorized Representative _____ Date

Name & Title (please print or type) _____ Name _____ Title

Telephone No. _____ Fax No. _____

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[1] This form shall be signed by a "Responsible Official." "Responsible Official" means one of the following:

a. For a corporation: The president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:

(i) the facilities employ more than 250 persons or have a gross annual sales or expenditures exceeding $25 million (in second quarter 1980 dollars), or

(ii) the delegation of authority to such representative is approved in advance by the Director;

b. For a partnership or sole proprietorship: a general partner or the proprietor, respectively;

c. For a municipality, State, Federal, or other public entity: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of U.S. EPA); or

d. The designated representative delegated with such authority and approved in advance by the Director.