John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

7/9/2014

Certified Mail

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Drake Prouty
Sidwell Materials Simplicity 4520 Portable Screen
4620 Limestone Valley Road
Zanesville, OH 43701

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0660950046
Permit Number: P0090143
Permit Type: Renewal
County: Harrison

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of $70.00, made payable to “Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General’s Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Ohio EPA DAPC, Southeast District Office at (740)385-8501or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Ohio EPA-SEDO

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
Sidwell Materials Simplicity 4520 Portable Screen

Facility ID:	0660950046
Permit Number:	P0090143
Permit Type:	Renewal
Issued:	7/9/2014
Effective:	7/9/2014
Expiration:	5/14/2019

Division of Air Pollution Control
Permit-to-Install and Operate
for
Sidwell Materials Simplicity 4520 Portable Screen

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Authorization

Facility ID:	0660950046
Application Number(s):	A0021436, A0021437, A0021438, A0048623
Permit Number:	P0090143
Permit Description:	Renewal PTIO for P901 (Simplicity 4520 portable screening plant with attached 110 HP Cummins diesel generator)
Permit Type:	Renewal
Permit Fee:	$0.00
Issue Date:	7/9/2014
Effective Date:	7/9/2014
Expiration Date:	5/14/2019

Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Sidwell Materials Simplicity 4520 Portable Screen
42660 Deersville Ridge Rd.
Cadiz, OH 43907

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Southeast District Office
2195 Front Street
Logan, OH 43138
(740)385-8501

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s))listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler
Director

Authorization (continued)

Permit Number: P0090143
Permit Description: Renewal PTIO for P901 (Simplicity 4520 portable screening plant with attached 110 HP Cummins diesel generator)

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	**P901**
Company Equipment ID:	Simplicity 4520
Superseded Permit Number:	06-08271
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

  You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the [DO/LAA] in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. “Shut down” means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as beingpermanently shut down without first applying for and obtaining a permit pursuantto OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

   a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

      (1) None.

   b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

      (1) None.

2. The following emission units contained in this permit when collocated with a 40 CFR 60.670 affected crusher, are subject to 40 CFR Part 60, Subpart OOO: P901. The complete NSPS requirements, including the NSPS General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website http://ecfr.gpoaccess.gov or by contacting the appropriate Ohio EPA District Office or local air agency.

3. The Ohio EPA has determined that this facility may be subject to the requirements of the area source MACT/GACT rule (40 CFR Part 63, Subpart ZZZZ) that the Ohio EPA does not have the delegated authority to implement. Although Ohio EPA has determined that an area source MACT (also known as the GACT) may apply, at this time Ohio EPA does not have the authority to enforce this standard. Instead, U.S. EPA has the authority to enforce this standard. Please be advised that all requirements associated with these rules are in effect and are enforceable by U.S. EPA. For more information on the area source rules, please refer to the following U.S. EPA website: http://www.epa.gov/ttn/atw/area/arearules.html.

C. Emissions Unit Terms and Conditions

1. P901, Simplicity 4520

Operations, Property and/or Equipment Description:

Portable 76 HP Cummins Diesel-Fired generator, with a limit fuel restriction of 10,166, and portable 40 TPH Simplicity 4520 Screen, consisting of 1-primary screening, 1 conveyors, 1 front-end loader and 3 load-unload transfer points. (First operating permit, supersedes PTI 06-08271, issued 6/14/2007)

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)e., c)(2), d)(4), e)(4), f)(1)d., f., h., j., and l.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	40 TPH Simplicity Screener	
a.	OAC rule 3745-31-05(A) (As established in PTI 06-08271 issued 6/14/2007)	Fugitive particulate emissions (PE) shall not exceed 1.72 TPY. Best Available Control measures to minimize and/or eliminate visible emissions. Seeb)(2)a. through b)(2)e. Visible emissions of fugitive dust discharging from the screener, transfer points, or conveyors shall not exceed 10% opacity. The requirement of this rule also includes

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		compliance with the requirements of OAC rule 3745-17-07 (B)(1), OAC rule 3745-17-08 (B), and 40 CFR Part 60 Subpart OOO when co-located at an affected facility.
b.	OAC rule 3745-17-07(B)(1) (Applicable only if this unit is located in an area identified in Appendix A ofOAC rule 3745-17-08)	Visible emissions of fugitive dust shall not exceed 20 percent opacity as a three-minute average.
c.	OAC rule 3745-17-08(B) (Applicable only if this unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	Reasonably available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust See b)(2)a. through (2)e. This emission limitation is equivalentto than the limitation listed under OAC rule 3745-31-05(A)(3).
d.	40 CFR Part 60 Subpart OOO (applicable when co-located at an affected facility as defined in 40 CFR Part 60.670)	The visible emission limitation specified by this rule is equivalent to the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	76 HP Diesel Generator	
e.	OAC rule3745-31-05(D) (As established in PTI 06-08271 issued 6/14/2007) (Synthetic Minor to avoid triggering Title V or PSD requirements when co-locating with similar sources.)	Emissions shall not exceed the following, as rolling, 12-month summations: PE from the stack shall not exceed 1.72 ton per rolling 12-month period; Nitrous Oxide (NOx) emissions shall not exceed 3.1 tons per rolling 12-month period; Sulfur Dioxide (SO2) emissions shall not exceed 0.20 ton per rolling 12-month period; Carbon Monoxide (CO) emissions shall not exceed 0.66 ton per rolling 12-month period; and Volatile Organic Compounds (VOC) shall not exceed 0.25 ton per rolling 12-month period. See c)(2)

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
f.	OAC rule 3745-31-05 (A)(3) (As established in PTI 06-08271 issued 6/14/2007)	PE from the stack shall not exceed 0.16 lb/hr; NO_x emissions shall not exceed 2.36 lbs/hr; SO_2 emissions shall not exceed 0.16 lb/hr; CO emissions shall not exceed 0.51 lb/hr; and VOC shall not exceed 0.19 lb/hr. The requirement of this rule also includes compliance with the requirements of OAC rule 3745-17-07(A)(1) and OAC rule 3745-17-11(B)(5)(a). See c)(1)
g.	OAC rule 3745-17-07(A)(1)	Visible PE from any stack shall not exceed 20% opacity as a six-minute average, except as provided by rule.
h.	OAC rule 3745-17-11(B)(5)(a)	This emission limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

(2) Additional Terms and Conditions

a. The material handling operations that are covered by this permit and subject to the above-mentioned requirements are listed below:

<u>Transfer Points</u>

Hopper to screen

Screen

<u>Equipment</u>

Hopper

Screen

Chutes

b. The permittee shall employ best/reasonably available control measures on all material handling operations listed above for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to perform watering of all the above-mentioned material handling operations if the inherent moisture content of the aggregate material is insufficient to ensure compliance with the above-mentioned applicable requirements. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

c. For each material handling operation that is not adequately enclosed, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material handling operations until further observation confirms that use of the control measure(s) is unnecessary.

d. The permittee shall cover, at all times, open bodied vehicles transporting materials off site which are likely to become air borne during transport.

e. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05 (A) and OAC rule 3745-17-08 (B).

c) Operational Restrictions

(1) The permittee shall only burn low sulfur No. 2 or diesel fuel oil, containing no greater than 0.5% sulfur by weight, in this emissions unit.

(2) The permittee has requested a federally enforceable limitation on fuel usage for purposes of limiting potential to emit to avoid possible future Title V applicability associated with relocation of a portable source. Therefore, the maximum fuel usage for emissions unit P901 shall not exceed 10,166 gallons per year of fuel usage as a rolling, 12-month summation. This emissions unit has been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling,12-month summation of the fuel usage, upon issuance of this permit.

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, the permittee shall perform inspections for material handling operations that are not adequately enclosed in accordance with the following minimum frequencies:

Material handling operation(s)	Minimum inspection frequency
All	Daily

(2) The above-mentioned inspections shall be performed during representative, normal operating conditions.

For materials handling operations the permittee shall maintain records of the following information:

a. The date and reason any required inspection was not performed;

b. The date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

c. The dates the control measures were implemented; and,

d. On a calendar quarter basis, the total number of days the control measure was implemented.

The information in d)(2)d shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

(3) For each day during which the permittee burns a fuel other than No. 2 or diesel fuel oil containing no greater than 0.5% sulfur by weight, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

(4) The permittee shall maintain monthly records of the following information:

a. The amount of fuel burned for each month;

b. The rolling, 12-month summation of the amount of fuel usage.

e) Reporting Requirements

(1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

(2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(3) The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than No. 2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs

(4) The permittee shall submit quarterly deviation (excursion) reports that identify:

a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:

i. All rolling, 12-month emissions limitations as established per OAC rule 3745-31-05(D) of this permit; and

ii. The maximum fuel usage for emissions unit P901 shall not exceed 10,166 gallons per year as a rolling, 12-month summation.

b. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and

c. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submittedeach year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

Fugitive PE shall not exceed 1.72 TPY as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the annual emission limitation shall be demonstrated by the following calculations based on the controlled emission factors in AP-42 sections 13.2.4 (11/06) and 11.19.2 (8/04).

Load-In to Screeners:

$EF = k\ (0.0032)\ [(U/5)^{1.3} / (M/2)^{1.4})]$

Where:
EF = emission factor expressed in pounds per ton (lbs/ton)
k = particle size multiplier for TSP (dimensionless) = 0.74
U = mean wind speed expressed in miles per hour (MPH) = 13
M= material moisture content (%) = 2.1
Therefore, EF = 0.0077lb/ton
Maximum annual throughput = 350,400 TPY

PE = [(1 load-ins)(0.0077 lb/ton)(350,400 TPY) = 1.34 TPY uncontrolled PE

Assume 70% control for watering (engineering estimate of permittee)
(1.84 TPY)(0.30) = 0.40 controlled PE

Screener:

PE = (Screening EF)(Max Annual Tons)/2000 lbs/ton
PE = (0.025 lbs/tons)(350,400 TPY)/ 2000lbs/ton
=4.38 TPY uncontrolled PE
Assume 70% control for watering (PTI 06-08271)
(4.38 TPY) (0.30) = 1.314 TPY controlled PE

Total Aggregate Handling = Load-In to Screener+ Screener
= 1.72 TPY controlled PE

b. Emissions Limitation:

Visible PE of fugitive dust discharging from the screening operation, transfer points, or conveyors, shall not exceed 10% opacity.

Applicable Compliance Method:

If required, visible particulate emissions shall be determined according to USEPA Method 9.

c. Emissions Limitation:

Emissions of NO_x shall not exceed 2.36 lbs/hr.

Applicable Compliance Method:

The emission limitation was established by multiplying the NO_xemissions factor from AP-42, Table 3.3-1, 10/1996 (0.031 lb/HP-hrNO_x) by the maximum rated capacity of the emissions unit.

If required, nitrogen oxides emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

d. Emissions Limitation:

Emissions of NO_xshall not exceed 3.1 TPY as a rolling 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by utilizing the summation of the fuel usage (gallons) for each month in the rolling, 12-month period and the emission factor from AP-42, Table 3.3-1, 10/1996 as shown in the equation below.

(fuel use, gal/yr)(emission factor, lbNO_x/HP-hr)(fuel heat content, MMBtu/gal)/{(0.007 MMBtu/HP-hr)(2,000 lbs/ton)} = 3.1 ton NO_x/yr

e. Emissions Limitation:

Emissions of SO_2 shall not exceed 0.16lb/hr.

Applicable Compliance Method:

The hourly SO_2 emission limitation was established by multiplying the SO_2 emissions factor from AP-42, Table 3.3-1, 10/96 (0.00205 lb SO_2/HP-hr) by the maximum rated capacity of the emissions unit.

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

f. Emissions Limitation:

Emissions of SO_2 shall not exceed 0.20 TPY as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by utilizing the summation of the fuel usage (gallons) for each month in the rolling, 12-month period and the emission factor from AP-42, Table 3.3-1, 10/1996 as shown in the equation below.

(fuel use, gal/yr)(emission factor, lb SO_2/HP-hr)(fuel heat content, MMBtu/gal)/{(0.007 MMBtu/HP-hr)(2,000 lbs/ton)} = 0.2 ton SO_2/yr

g. Emissions Limitation:

Emissions of CO shall not exceed 0.51lb/hr.

Applicable Compliance Method:

The hourly CO emission limitation was established by multiplying the CO emissions factor from AP-42, Table 3.3-1, 10/1996 (0.00668 lb CO/HP-hr)by the maximum rated capacity of the emissions unit.

If required, carbon monoxide emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

h. Emissions Limitation:

Emissions of CO shall not exceed 0.66 TPY as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by utilizing the summation of the fuel usage (gallons) for each month in the rolling 12-month period and the emission factor from AP-42, Table 3.3-1, 10/1996, as shown in the equation below.

(fuel use, gal/yr)(emission factor, lb CO/HP-hr)(fuel heat content, MMBtu/gal) /{(0.007 MMBtu/HP-hr)(2,000 lbs/ton)} = 0.66ton CO/yr

i. Emissions Limitation:

Emissions of VOC shall not exceed 0.19lb/hr.

Applicable Compliance Method:

The hourly VOC emission limitation was established by multiplying the CO emissions factor from AP-42, Table 3.3-1, 10/1996 (0.358 lb VOC/ MMBtu) by the maximum rated capacity of the emissions unit.

If required, organic compound emissions shall be determined according to test Methods 1 - 4, and 18, 25, or 25A as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

j. Emissions Limitation:

Emissions of VOC shall not exceed 0.25 TPY as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by utilizing the summation of the fuel usage (gallons) for each month in the rolling, 12-month period and the emission factor from AP-42, Table 3.3-1, 10/1996, as shown in the equation below.

(fuel use, gal/yr)(emission factor, lb VOC/ MMBtu)(fuel heat content, MMBTU/gal) / (2000 lbs/ton) = 0.25 ton VOC/yr

k. Emissions Limitations:

PE from the stack shall not exceed 0.16 lb/hr.

PE shall not exceed 0.310 lb/mmBtu actual heat input.

Applicable Compliance Method:

The lb/mmBtu PE limitation was established in accordance with the emission factor of 0.310 lb/mmBtu specified in AP-42, Table 3.3-1 (10/96).

If required, particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

l. Emissions Limitation:

PE from the stack shall not exceed 0.22 TPY as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by utilizing the summation of the fuel usage (gallons) for each month in the rolling, 12-month period and the emission factor from AP-42, Table 3.3-1, 10/1996, as shown in the equation below.

(fuel use, gal/yr)(emission factor, lb PE MMBtu)(fuel heat content, MMBTU/gal) / (2000 lbs/ton) = 0.22 ton PE/yr

Compliance shall be demonstrated by multiplying the summation of [the fuel usage (gallons) multiplied by the heat content (BTU/gallon)] for each month in the rolling, 12-month period by the emission factor from AP-42, Table 3.4-2, 10/1996 (0.31 lb/MMBTU) and dividing by 2000 lbs/ton.

m. Emissions Limitation:

Visible emissions of fugitive dust shall not exceed 20 percent opacity, as a three minute average.

Applicable Compliance Method:

If required, visible particulate emissions shall be determined according to USEPA Method 9.

n. Emissions Limitation:

Visible PE from any stack shall not exceed 20 percent opacity, as a six minute average.

Applicable Compliance Method:

If required, visible particulate emissions shall be determined according to USEPA Method 9.

(2) Performance testing shall be conducted as required in 40 CFR Part 60 Subpart OOO when this emissions unit is initially located at an affected facility pursuant to 40 CFR Part 60.670. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. The emission testing shall be conducted within 180 days of start-up of the emissions unit.

b. The emission testing shall be conducted to demonstrate compliance with the visible particulate emission limitations for fugitive emissions for each crushing operation, transfer point and conveyor specified in section A.2.f of this permit, in accordance with the requirements of 40 CFR Part 60.675.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable emission rate(s): for visible particulate emissions, Method 9 of 40 CFR 60, Appendix A.

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

e. No later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Southeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Southeast District Office's refusal to accept the results of the emissions test(s).

f. Personnel from the Ohio EPA, Southeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

g. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southeast District Office within 30 days following completion of test(s). The permittee may request additional time for the submittal of the

written report, where warranted, with prior approval from the Ohio EPA, Southeast District Office.

g) Miscellaneous Requirements

(1) At the discretion and following the approval of the director, the permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) or permit to install and operate (PTIO) providing the appropriate exemption requirements have been met. The director may issue a "Notice of Site Approval" for either of the following situations: the permittee notifies the director a minimum of 30 days prior to relocating pursuant to OAC rule 3745-31-03(A)(1)(p)(i); or the permittee identifies pre-disclosed location(s) that meet the criteria found in OAC rule 3745-31-05(H).

(2) Pursuant to OAC rules 3745-31-03(A)(1)(p)(i), 3745-31-03(A)(1)(p)(ii), and 3745-31-05(H), the following criteria must be met for all portable facilities seeking approval for relocation:

a. The portable source must possess an issued permit to install (PTI) or permit to install and operate (PTIO) and demonstrate continuing compliance with any applicable best available technology determination and state and/or federal air pollution rule or law; and,

b. The portable source is operating pursuant to a currently effective PTI, PTIO and/or any applicable permit to operate (PTO) and demonstrates continuing compliance with the requirements of the permit(s).

(3) In order to relocate a portable source in accordance with OAC rule 3745-31-03(A)(1)(p)(i) (i.e. the 30-day option), the following additional criteria must be met:

a. The permittee has provided proper notice of intent to relocate the portable source to the permitting District Office/Local air agency a minimum of thirty days prior to the scheduled relocation;

b. The permitting District Office/Local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the emissions would not cause a nuisance in violation of OAC rule 3745-15-07, and that the relocation of the portable source would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site; and

c. The director has issued a "Notice of Site Approval", stating that the proposed site is acceptable under OAC rule 3745-15-07, and that the relocation will not result in the installation or the modification of a major stationary source.

Using the 30-day option, the portable source may only be relocated upon receipt of the "Notice of Site Approval".

(4) In order to relocate a portable source in accordance with OAC rules 3745-31-03(A)(1)(p)(ii) and 3745-31-05(H) (i.e. the 15-day option), the following additional criteria must be met:

a. The portable source owner has identified the proposed site(s) to the permitting District Office/Local air agency;

b. The owner of the proposed site(s) (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site(s);

c. The permitting District Office/Local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the portable source will have an acceptable environmental impact at the proposed site(s);

d. A public notice, consistent with OAC Chapter 3745-47, has been published in the county where the proposed site(s) is/are located;

e. The permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

Using the 15-day option, the portable source may only be relocated upon receipt of the "Notice of Site Approval", and following submittal of the 15-day written notice of the relocation. Any site approvals issued pursuant to OAC rule 3745-31-05(H) shall be valid for no longer than 3 years and are subject to renewal. Also, pursuant to OAC rule 3745-31-07(D)(2), the director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

(5) Failure to submit said notification or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.

(6) When a portable source is co-located at a stationary source, or is co-located with multiple portable sources, potential emissions from the portable source may be required to be combined for facility potential to emit calculations for Title V and PSD applicability. If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01 (LLL) and (JJJ), the permittee shall submit an application and obtain a PTI for the new location prior to moving the portable source. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745- 77-01, must also meet all applicable requirements under the Title V program contained in OAC Chapter 3745-77, which may include the requirement to apply for a Title V permit.