



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
Toll Free (800) 451-6027  
[www.idem.IN.gov](http://www.idem.IN.gov)

TO: Interested Parties / Applicant

DATE: December 4, 2009

RE: AT&T Communications of Indiana - Morgantown / 081-28652-00034

FROM: Matthew Stuckey, Branch Chief  
Permits Branch  
Office of Air Quality

## Notice of Decision: Approval - Registration

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 4-21.5-3-4(d) this order is effective when it is served. When served by U.S. mail, the order is effective three (3) calendar days from the mailing of this notice pursuant to IC 4-21.5-3-2(e).

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures  
FN-REGIS.dot 1/2/08



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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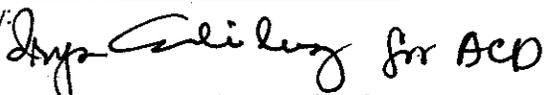
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## REGISTRATION OFFICE OF AIR QUALITY

**AT&T Communications of Indiana, Inc. - Morgantown**  
**4789 S CR 800 W**  
**Morgantown, Indiana 46160**

Pursuant to 326 IAC 2-5.1 (Construction of New Sources: Registrations) and 326 IAC 2-5.5 (Registrations), (herein known as the Registrant) is hereby authorized to construct and operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this registration.

Registration No. 081-28652-00034	
Issued by:  Alfred C. Dumauval, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: December 4, 2009

## SECTION A

## SOURCE SUMMARY

This registration is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Registrant should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Registrant to obtain additional permits pursuant to 326 IAC 2.

### A.1 General Information

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The Registrant owns and operates a stationary telecommunications operation.

Source Address:	4789 S CR 800 W, Morgantown, Indiana 46160
Mailing Address:	308 S. Akard, Rm 2713 Dallas, TX 94551
General Source Phone Number:	(925) 961-0291
SIC Code:	4813
County Location:	Johnson County
Source Location Status:	Nonattainment for PM <sub>2.5</sub> standard Attainment for all other criteria pollutants
Source Status:	Registration

### A.2 Emission Units and Pollution Control Equipment Summary

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This stationary source consists of the following emission units and pollution control devices:

- (a) Two (2) emergency diesel generators, identified as EP01 and EP02, constructed in 2000, with a maximum capacity of 804 horsepower (600kW) each, using # 2 distillate fuel with a 0.05% sulfur content.
- (b) One (1) emergency diesel generator, identified as EP03, constructed in 2000, with a maximum capacity of 268 horsepower (200kW), using # 2 distillate fuel with a 0.05% sulfur content.
- (c) One (1) underground storage tank, identified as EP04, constructed in 2000, with a maximum capacity of 30 gallons.
- (d) One (1) above ground storage tank, identified as EP05, constructed in 2000, with a maximum capacity of 150 gallons.
- (e) One (1) above ground storage tank, identified as EP06, constructed in 2000, with a maximum capacity of 6,000 gallons.

## SECTION B

## GENERAL CONDITIONS

### B.1 Definitions [326 IAC 2-1.1-1]

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Terms in this registration shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.

### B.2 Effective Date of Registration [IC 13-15-5-3]

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Pursuant to IC 13-15-5-3, this registration is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

### B.3 Registration Revocation [326 IAC 2-1.1-9]

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Pursuant to 326 IAC 2-1.1-9 (Revocation), this registration to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this registration.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this registration.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this registration shall not require revocation of this registration.
- (d) For any cause which establishes in the judgment of IDEM the fact that continuance of this registration is not consistent with purposes of this article.

### B.4 Prior Permits Superseded [326 IAC 2-1.1-9.5]

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- (a) All terms and conditions of permits established prior to Registration No. R081-28652-00034 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1) incorporated as originally stated,
  - (2) revised, or
  - (3) deleted.
- (b) All previous registrations and permits are superseded by this registration.

### B.5 Annual Notification [326 IAC 2-5.1-2(f)(3)] [326 IAC 2-5.5-4(a)(3)]

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Pursuant to 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3):

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this registration.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003

Indianapolis, IN 46204-2251

- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

**B.6 Source Modification Requirement [326 IAC 2-5.5-6(a)]**

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Pursuant to 326 IAC 2-5.5-6(a), an application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

**B.7 Registrations [326 IAC 2-5.1-2(i)]**

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Pursuant to 326 IAC 2-5.1-2(i), this registration does not limit the source's potential to emit.

**SECTION C**

**SOURCE OPERATION CONDITIONS**

Entire Source

**Emission Limitations and Standards [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]**

**C.1 Opacity [326 IAC 5-1]**

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this registration:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

**C.2 Fugitive Dust Emissions [326 IAC 6-4]**

The Registrant shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE AND ENFORCEMENT BRANCH**

**REGISTRATION  
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3).

<b>Company Name:</b>	AT&T Communications of Indiana, Inc. - Morgantown
<b>Address:</b>	4789 S CR 800 W
<b>City:</b>	Morgantown, Indiana 46160
<b>Phone Number:</b>	(925) 961-0291
<b>Registration No.:</b>	R081-28652-00034

I hereby certify that AT&T Communications of Indiana, Inc. - Morgantown is :

still in operation.

I hereby certify that AT&T Communications of Indiana, Inc. - Morgantown is :

no longer in operation.

in compliance with the requirements of Registration No. R081-28652-00034.

not in compliance with the requirements of Registration No. R081-28652-00034.

<b>Authorized Individual (typed):</b>
<b>Title:</b>
<b>Signature:</b>
<b>Phone Number:</b>
<b>Date:</b>

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

<b>Noncompliance:</b>

**Indiana Department of Environmental Management  
Office of Air Quality**

Technical Support Document (TSD) for Registration

<b>Source Description and Location</b>
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**Source Name:** AT&T Communications of Indiana, Inc. - Morgantown  
**Source Location:** 4789 S CR 800 W, Morgantown, Indiana 46160  
**County:** Johnson  
**SIC Code:** 4813  
**Registration No.:** R081-28652-00034  
**Permit Reviewer:** Marcia Earl

On November 4, 2009, the Office of Air Quality (OAQ) received an application from AT&T Communications of Indiana, Inc. - Morgantown related to the operation of an existing telecommunication operation.

<b>Existing Approvals</b>
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The source has been operating under CP - State No. 081-4184-00034, issued on February 2, 1995.

<b>County Attainment Status</b>
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The source is located in Johnson County.

Pollutant	Designation
SO <sub>2</sub>	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O <sub>3</sub>	Attainment effective October 19, 2007, for the 8-hour ozone standard. <sup>1</sup>
PM <sub>10</sub>	Unclassifiable effective November 15, 1990.
NO <sub>2</sub>	Cannot be classified or better than national standards.
Pb	Not designated.
<sup>1</sup> Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005. Basic nonattainment designation effective federally April 5, 2005, for PM <sub>2.5</sub> .	

- (a) **Ozone Standards**  
 Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Johnson County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
  
- (b) **PM<sub>2.5</sub>**  
 U.S. EPA, in the Federal Register Notice 70 FR 943 dated January 5, 2005, has designated Johnson County as nonattainment for PM<sub>2.5</sub>. On March 7, 2005 the Indiana Attorney General's Office, on behalf of IDEM, filed a law suit with the Court of Appeals for the District of Columbia Circuit challenging U.S. EPA's designation of nonattainment areas without sufficient data. However, in order to ensure that sources are not potentially liable for a violation of the Clean Air Act, the OAQ is following the U.S. EPA's New Source Review Rule for PM<sub>2.5</sub> promulgated on May 8, 2008, and effective on July 15, 2008. Therefore, direct PM<sub>2.5</sub> and SO<sub>2</sub> emissions were reviewed pursuant to the requirements of Nonattainment New Source Review, 326 IAC 2-1.1-5. See the

State Rule Applicability – Entire Source section.

- (c) Other Criteria Pollutants  
Johnson County has been classified as attainment or unclassifiable in Indiana for PM<sub>10</sub>, SO<sub>2</sub>, CO and Lead. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

#### **Fugitive Emissions**

The fugitive emissions of criteria pollutants and hazardous air pollutants are counted toward the determination of 326 IAC 2-5.1-2 (Registrations) applicability.

#### **Unpermitted Emission Units and Pollution Control Equipment**

The source consists of the following existing emission unit(s):

- (a) Two (2) emergency diesel generators, identified as EP01 and EP02, constructed in 2000, with a maximum capacity of 804 horsepower (600kW) each, using # 2 distillate fuel with a 0.05% sulfur content.
- (b) One (1) emergency diesel generator, identified as EP03, constructed in 2000, with a maximum capacity of 268 horsepower (200kW), using # 2 distillate fuel with a 0.05% sulfur content.
- (c) One (1) underground storage tank, identified as EP04, constructed in 2000, with a maximum capacity of 30 gallons.
- (d) One (1) above ground storage tank, identified as EP05, constructed in 2000, with a maximum capacity of 150 gallons.
- (e) One (1) above ground storage tank, identified as EP06, constructed in 2000, with a maximum capacity of 6,000 gallons.

#### **Enforcement Issues**

AT&T Communications of Indiana, Inc. - Morgantown was issued a CP - State No. 081-4184-00034 on February 2, 1995, for a telecommunications operation. Pursuant to 326 IAC 2-5.5-2(c), the source was required to apply for a Registration by December 25, 2000. IDEM, OAQ did not receive an application from AT&T Communications of Indiana, Inc. - Morgantown until November 9, 2009. IDEM is reviewing this matter and will take the appropriate action. This proposed approval is intended to satisfy the requirements of the operating permit rules.

#### **Emission Calculations**

See Appendix A pages 1 of 1 of this TSD for detailed emission calculations.

#### **Permit Level Determination – Registration**

The following table reflects the unlimited potential to emit (PTE) of the entire source before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Process/ Emission Unit	Potential To Emit of the Entire Source (tons/year)								
	PM	PM <sub>10</sub> *	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO	Total HAPs	Worst Single HAP
Generators (EP01, EP02 and EP03)	0.33	0.19	0.19	0.19	11.26	0.33	2.58	5.17E-03	2.55E-03 Benzene
<b>Total PTE of Entire Source</b>	<b>0.33</b>	<b>0.19</b>	<b>0.19</b>	<b>0.19</b>	<b>11.26</b>	<b>0.33</b>	<b>2.58</b>	<b>5.17E-03</b>	<b>2.55E-03 Benzene</b>
Exemptions Levels	5	5	5	10	10	5 or 10	25	25	10
Registration Levels	25	25	25	25	25	25	100	25	10
negl. = negligible * Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM <sub>10</sub> ), not particulate matter (PM), is considered as a "regulated air pollutant".									

- (a) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1(16)) of NO<sub>x</sub> is within the ranges listed in 326 IAC 2-5.1-2(a)(1). The PTE of all other regulated criteria pollutants are less than the ranges listed in 326 IAC 2-5.1-2(a)(1). Therefore, the source is subject to the provisions of 326 IAC 2-5.1-2 (Registrations). A Registration will be issued.
- (b) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is less than ten (10) tons per year and the PTE of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-7.

**Federal Rule Applicability Determination**

New Source Performance Standards (NSPS)

- (a) The requirements of the New Source Performance Standards (NSPS), for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and Prior to May 19, 1978, (40 CFR 60.110 - 60.113, Subpart K) (326 IAC 12) are not included in this permit, since the three (3) # 2 distillate fuel storage tanks (EP04, EP05 and EP06) were constructed after 1978.
- (b) The requirements of the New Source Performance Standards (NSPS) for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984, (40 CFR 60.110a - 60.115a, Subpart Ka) (326 IAC 12) are not included in this permit, since the three (3) # 2 distillate fuel storage tanks (EP04, EP05 and EP06) were constructed after 1984.
- (c) The requirements of the New Source Performance Standards (NSPS) for Volatile Organic Liquid Storage Vessels (40 CFR 60.110b - 60.117b, Subpart Kb) (326 IAC 12) are not included in this permit, because this source does not have storage tanks with a capacity greater than or equal to 75 cubic meters (19,813 gallons).
- (d) The requirements of the New Source Performance Standards (NSPS) for Stationary Gas Turbines (40 CFR 60.330 - 60.335, Subpart GG) (326 IAC 12) are not included in the permit, since this source does not contain any stationary gas turbines as defined by 40 CFR 60.331. The three (3) emergency generators (EP01, EP02 and EP03) generate electrical power through the use of a reciprocating internal combustion engine and not a gas turbine.

- (e) The requirements of the New Source Performance Standards (NSPS) for Stationary Combustion Turbines (40 CFR 60.4300 - 60.4420, Subpart KKKK) (326 IAC 12) are not included in the permit, since this source does not contain any stationary combustion turbines as defined by 40 CFR 60.4420. The three (3) emergency diesel generators (EP01, EP02 and EP03) generates electrical power through the use of a reciprocating internal combustion engine and not a combustion turbine.
- (f) The requirement of the New Source Performance Standards (NSPS) for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60.4200 - 60.4219 Subpart IIII) (326 IAC 12) are not included in this permit, because the emergency diesel generator has a vender manufacturers date before April 1, 2006 and was constructed before July 11, 2005.
- (g) The requirements of the New Source Performance Standards (NSPS) for Stationary Spark Ignition Internal Combustion Engines (40 CFR 60.4230 - 60.4248 Subpart JJJJ) (326 IAC 12), are not included in this permit, because the three (3) generators are each a compression ignition internal combustion engine and not a stationary spark ignition (SI) internal combustion engines (ICE).
- (h) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit.

#### National Emission Standards for Hazardous Air Pollutants (NESHAPs)

- (i) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Reciprocating Internal Combustion Engines (40 CFR 63.6580 - 63.6675, Subpart ZZZZ) (326 IAC 20-82) are not included in this permit, because the source is an area source of HAPs, and consists of internal combustion engines, whose construction date is before June 12, 2006.
- (j) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in the permit.

#### Compliance Assurance Monitoring (CAM)

- (k) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the unlimited potential to emit of the source is less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

<b>State Rule Applicability Determination</b>
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The following state rules are applicable to the source:

#### 326 IAC 2-5.5 (Registrations)

Registration applicability is discussed under the Permit Level Determination – Registration section above.

#### 326 IAC 2-2 (Prevention of Significant Deterioration (PSD))

This source is not a major stationary source under PSD (326 IAC 2-2), because the potential to emit particulate matter (PM) and all other attainment regulated pollutants are each less than 250 tons per year, and this source is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1). Therefore, pursuant to 326 IAC 2-2, the PSD requirements are not applicable to this source.

#### 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

The potential to emit of any single HAP is less than ten (10) tons per year and the potential to emit of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an

area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-4.1.

326 IAC 2-6 (Emission Reporting)

Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is located in Lake County, it has actual emissions of NOx and VOC of less than twenty-five (25) tons per year, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

326 IAC 6-4 (Fugitive Dust Emissions Limitations)

Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.

326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)

The source is not subject to the requirements of 326 IAC 6-5, because the source does not have potential fugitive particulate emissions greater than 25 tons per year. Therefore, 326 IAC 6-5 does not apply.

326 IAC 7-1.1-1 (Sulfur dioxide emission limitations)

The three (3) emergency diesel generators (EP01, EP02 and EP03) are not subject to 326 IAC 7-1.1-1, because the potential to emit sulfur dioxide from the generators are less than twenty-five (25) tons per year and ten (10) pounds per hour.

326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)

Each of the emission units at this source is not subject to the requirements of 326 IAC 8-1-6, since the unlimited VOC potential emissions from each emission unit is less than twenty-five (25) tons per year.

326 IAC 8-4-3 (Petroleum Liquid Storage Facilities)

The three (3) # 2 distillate fuel storage tanks (EP04, EP05 and EP06) have a storage capacity of less than thirty-nine thousand (39,000) gallons each. Therefore, 326 IAC 8-4-3 is not applicable to this source.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

The three (3) # 2 distillate fuel storage tanks (EP04, EP05 and EP06) are not subject to 326 IAC 8-9, because the three (3) # 2 distillate fuel storage tanks (EP04, EP05 and EP06) are not located in Clark, Floyd, Lake or Porter County.

326 IAC 12 (New Source Performance Standards)

See Federal Rule Applicability Section of this TSD.

326 IAC 20 (Hazardous Air Pollutants)  
See Federal Rule Applicability Section of this TSD.

<b>Conclusion and Recommendation</b>
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Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on November 4, 2009.

The operation of this source shall be subject to the conditions of the attached proposed Registration No. R081-28652-00034. The staff recommends to the Commissioner that this Registration be approved.

<b>IDEM Contact</b>
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- (a) Questions regarding this proposed permit can be directed to Marcia Earl at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 233-0863 or toll free at 1-800-451-6027 extension 3-0863.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: [www.idem.in.gov](http://www.idem.in.gov)

**Appendix A: Emission Calculations**  
**Large Reciprocating Internal Combustion Engines - Diesel Fuel**  
**Output Rating (>600 HP)**  
**Maximum Input Rate (>4.2 MMBtu/hr)**

**Company Name:** AT&T Communications of Indiana, Inc. - Morgantown  
**Address City IN Zip:** 4789 S CR 800 W, Morgantown, Indiana 46160  
**Permit Number:** R081-28652-00034  
**Reviewer:** Marcia Earl  
**Date:** November 2009

**Emissions calculated based on output rating (hp)**

Output Horsepower Rating (hp)	1876.0
Maximum Hours Operated per Year	500
Potential Throughput (hp-hr/yr)	938,000
Sulfur Content (S) of Fuel (% by weight)	0.050

UNIT	CAPACITY
EP01	804
EP02	804
EP03	268
<b>TOTAL</b>	<b>1876</b>

	Pollutant						
	PM*	PM <sub>10</sub> *	PM <sub>2.5</sub> *	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO
Emission Factor in lb/hp-hr	7.00E-04	4.01E-04	4.01E-04	4.05E-04 (.00809S)	2.40E-02 **see below	7.05E-04	5.50E-03
Potential Emission in tons/yr	0.33	0.19	0.19	0.19	11.26	0.33	2.58

\*PM<sub>10</sub> emission factor in lb/hp-hr was calculated using the emission factor in lb/MMBtu and a brake specific fuel consumption of 7,000 Btu / hp-hr (AP-42 Table 3.3-1).

\*\*NO<sub>x</sub> emission factor: uncontrolled = 0.024 lb/hp-hr, controlled by ignition timing retard = 0.013 lb/hp-hr

**Hazardous Air Pollutants (HAPs)**

	Pollutant						
	Benzene	Toluene	Xylene	Formaldehyde	Acetaldehyde	Acrolein	Total PAH HAPs***
Emission Factor in lb/hp-hr****	5.43E-06	1.97E-06	1.35E-06	5.52E-07	1.76E-07	5.52E-08	1.48E-06
Potential Emission in tons/yr	2.55E-03	9.23E-04	6.34E-04	2.59E-04	8.27E-05	2.59E-05	6.96E-04

\*\*\*PAH = Polyaromatic Hydrocarbon (PAHs are considered HAPs, since they are considered Polycyclic Organic Matter)

\*\*\*\*Emission factors in lb/hp-hr were calculated using emission factors in lb/MMBtu and a brake specific fuel consumption of 7,000 Btu / hp-hr (AP-42 Table 3.3-1).

<b>Potential Emission of Total HAPs (tons/yr)</b>	<b>5.17E-03</b>
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**Methodology**

Emission Factors are from AP 42 (Supplement B 10/96) Tables 3.4-1 , 3.4-2, 3.4-3, and 3.4-4

Potential Throughput (hp-hr/yr) = [Output Horsepower Rating (hp)] \* [Maximum Hours Operated per Year]

Potential Emission (tons/yr) = [Potential Throughput (hp-hr/yr)] \* [Emission Factor (lb/hp-hr)] / [2,000 lb/ton]



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
**Governor**

*Thomas W. Easterly*  
**Commissioner**

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Indianapolis, Indiana 46204  
(317) 232-8603  
Toll Free (800) 451-6027  
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## SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

**TO:** Barbara Walden  
AT&T Communications of Indiana, Inc. - Morgantown  
1458 Bluebell Dr  
Livermore, CA 94551

**DATE:** December 4, 2009

**FROM:** Matt Stuckey, Branch Chief  
Permits Branch  
Office of Air Quality

**SUBJECT:** Final Decision  
Registration  
081-28652-00034

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:  
J. Mark Schleyer  
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at [jbrush@idem.IN.gov](mailto:jbrush@idem.IN.gov).

Final Applicant Cover letter.dot 11/30/07

# Mail Code 61-53

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2		J Mark Schleyer VP - Real Estate AT&T Communications of Indiana, Inc. - Morgantown 308 S Akard, Rm 2713 Dallas TX 75202 (RO CAATS)									
3		Johnson County Commissioners 5 East Jefferson Franklin IN 46131 (Local Official)									
4		Johnson County Health Department 86 W. Court St, Courthouse Annex Franklin IN 46131-2345 (Health Department)									
5		Frederick & Iva Moore 6019 W 650 N Ligonier IN 46767 (Affected Party)									
6		Larry and Becky Bischoff 10979 North Smokey Row Road Mooresville IN 46158 (Affected Party)									
7		Muarice Dean & Sarah M Walter 7684 W 500 S Morgantown IN 46160 (Affected Party)									
8		R & J Partnership SE County Line Road/County Road 800 W Morgantown IN 46160 (Affected Party)									
9		Morgantown Town Council 120 West Washington Street Morgantown IN 46160 (Local Official)									
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