

# NACAA Permitting Workshop

## Permit System Evolution

Robert Hodanbosi  
Chief  
Ohio EPA

# Background

- Ohio

- Large number of industrial Sources
- Over 13,000 regulated facilities down from 20,000 in the 1980's & 1990's
  - 647 Title V
  - 887 Synthetic Minor
  - 7302 Non-Title V
  - 4850 Permit-by-rule



# Background

- Ohio
  - Large number of industrial Sources
  - Over 13,000 regulated facilities down from 20,000 in the 1980's & 1990's
    - 647 Title V



# Background

- Ohio

- Large number of industrial Sources
- Over 13,000 regulated facilities down from 20,000 in the 1980's & 1990's
  - 647 Title V
  - **887 Synthetic Minor**



# Background

- Ohio

- Large number of industrial Sources
- Over 13,000 regulated facilities down from 20,000 in the 1980's & 1990's
  - 647 Title V
  - 887 Synthetic Minor
  - **7302 Non-Title V**



# Background

- Ohio
  - Approximately 70,000 emissions units



# Old Permit System

Mainframe era

1970's & 1980's

- Thousands of Permit to Install and Permit To Operate documents were produced
  - Hard copy applications
  - Manual data entry off hard copy/typed permit recommendations
  - No permit document retention
  - Limited Facility/Permit information retained
  - Purged Annually -
  - Not searchable



# Old Permit System

STARS & PTIs2000 era

1990's

- STARS

- Electronic applications
- Diskette-based executable (STARShip)
- Database & Wordperfect
- Not web-based



- PTIs2000

- Hard copy applications
- Internal-facing
- Wordperfect & e-mail
- Web-based



# Old Permit System

- Recognition in early 00s that the systems that we were using needed to be replaced
- No choice over whether or not to keep systems, software changes were making systems no longer operational
- Started program to set money aside for new system
- Started comprehensive analysis

# Current Permit System

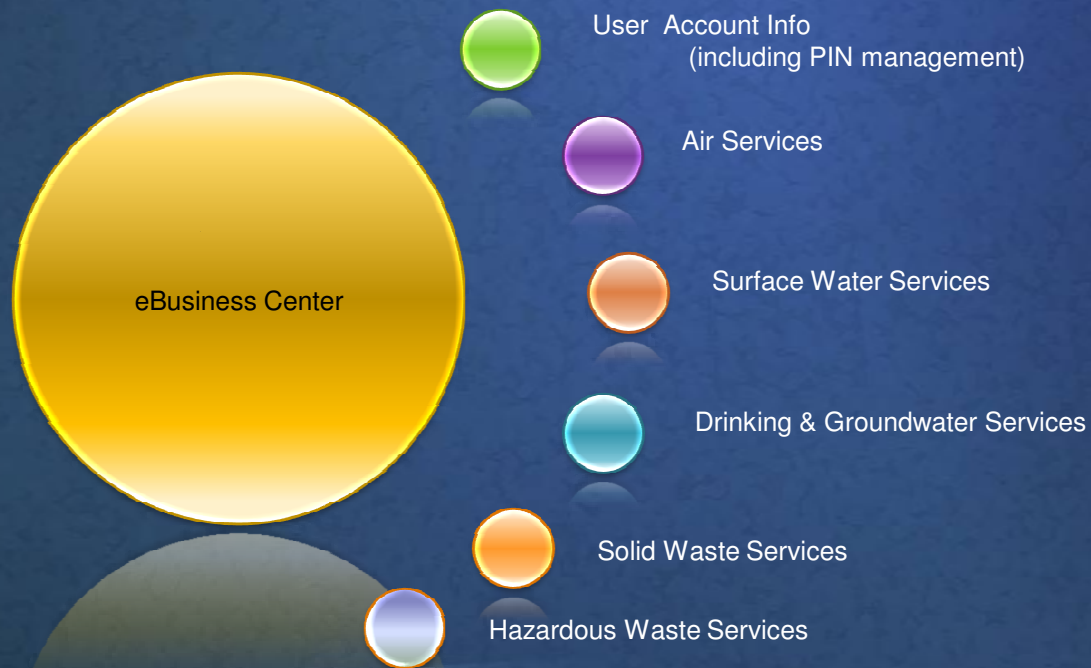
## STARS2/Air Services

- Regulatory scheme reviewed
  - Additional exemptions added; Permit by rule expanded
  - Planned on combined minor permit (Permit to install and operate)
- Business processes reviewed
  - Confirmed basic workflow
  - Developed external user workflow concepts for Air Services
- Technology reviewed
  - Evaluated web-based approaches versus traditional distributed executable programs like STARShip
  - Chose web-based approach recognizing some hard copy applications would continue to be accepted

# Current Permit System

## STARS2/Air Services

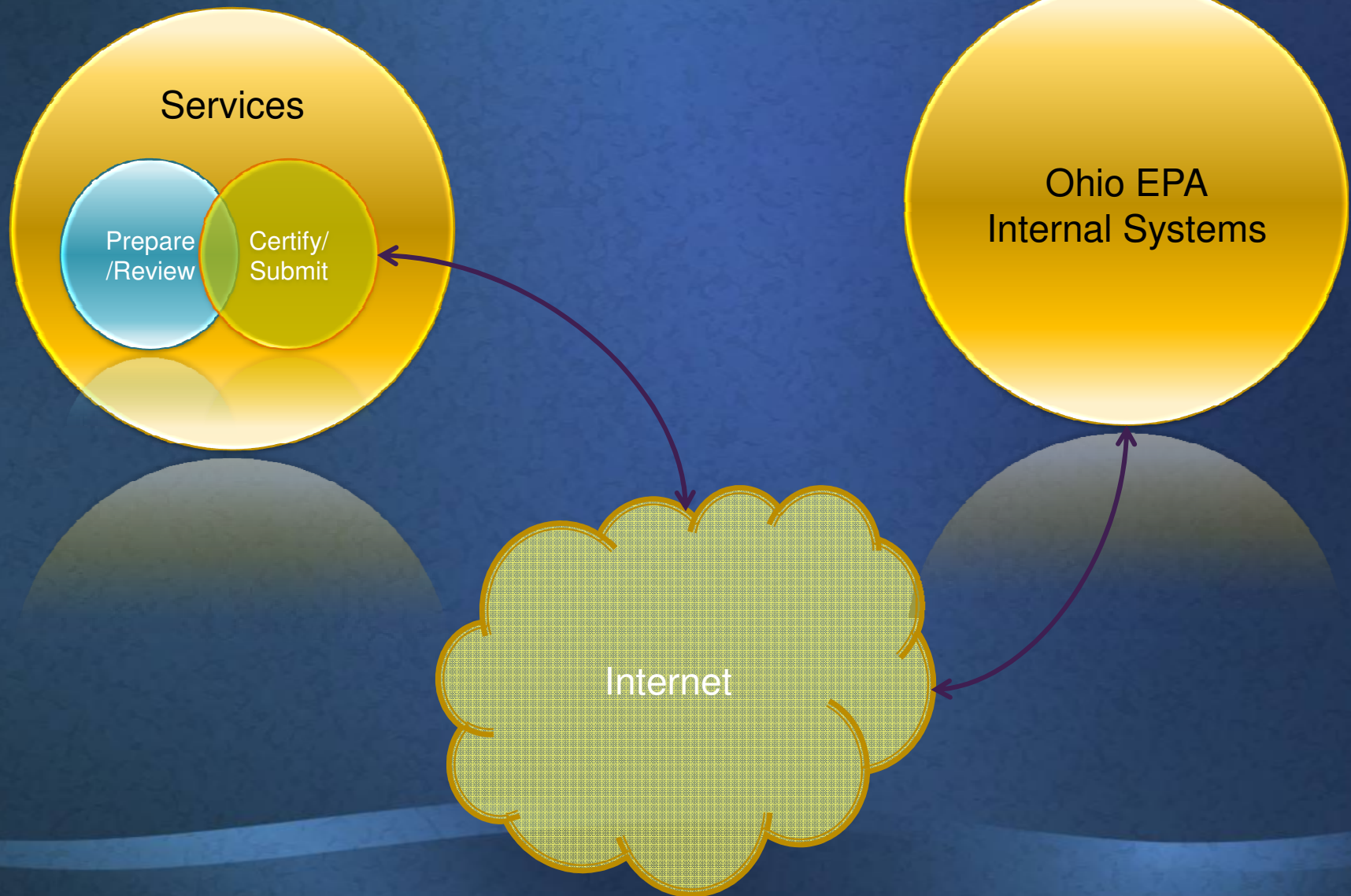
- Web based program
- Part of the Agency eBusiness Center



<http://ebiz.epa.ohio.gov/login.jsp>

# Current Permit System

## STARS2/Air Services



# Current Permit System

STARS2/Air Services



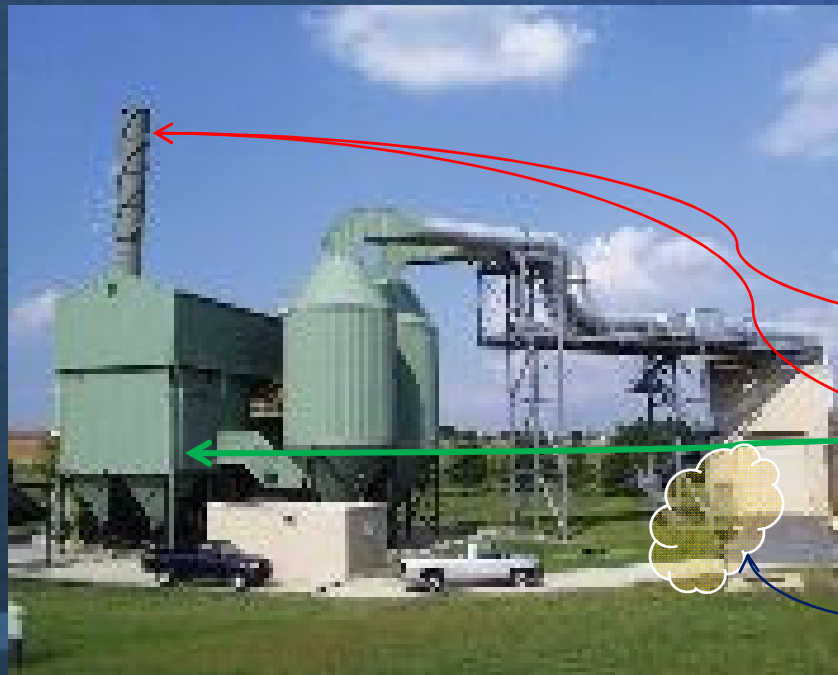
# Current Permit System

## STARS2/Air Services



The profile tree follows the airflow

- Facility
- Emissions Unit
- Process
- Controls
- Egress Points



The main view of Air Services

Ohio State Governem... x Facility Search x Google Docs - All items x Title V April 15 2009 x Map Multiple Locati... x EPA - eBusiness ... x

http://epatestapps.epa.state.oh.us/portal/serviceActivationManagement.li

Customize Links Free Hotmail Windows Marketplace Windows Media Windows USA TODAY Special R... KML Media Gallery - K... Map Multiple Location... GWAVA Gmail - Inbox (10) - c... Shiftboard - Company... IDEM: Emission Repor... Other bookmarks

State of Ohio | Ohio EPA | Logout

# OhioEPA eBusiness Center

eBusiness Home My Account Current Account: mahern3

[Help](#)

## Air Services Home

- [Owner/Contact](#)
- [Application\(s\)](#)
- [Permit\(s\)](#)
- [Emissions Report\(s\)](#)
- [Reporting Category](#)
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- [Facility Profile History](#)
- [Event Logs](#)
- [References](#)

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**Air Services Home**

### Facility Information

|   |                                |                                      |
|---|--------------------------------|--------------------------------------|
| <b>Facility Name:</b> Columbus Southerly Wastewater Treatment Plant | <b>Facility ID:</b> 0125040420 | <b>Permitting Classification:</b> TV |
| <b>Address1:</b> 6977 South High Street                             | <b>Address2:</b> Box 95C, Rt#6 |                                      |
| <b>City:</b> Lockbourne   | <b>State:</b> Ohio             | <b>Zip:</b> 43137-9702               |
|   |                                | <b>County:</b> Franklin              |

[View Facility Profile](#)

**In Progress Tasks**

| Select Task Type  | Task Description | Dependent on Task | Created Date | User Name |
|---|------------------|-------------------|--------------|-----------|
| <a href="#">Delete</a> <a href="#">Printable view</a> <a href="#">Export to excel</a> |                  |                   |              |           |

**New Tasks**  
Select from the list below to create a new task

|  |   |
|--|---|
| <a href="#">Facility Profile Change</a>                    | <a href="#">Emissions Report</a>  |
| <a href="#">Owner/Contact Change</a>                       | <a href="#">Permit Evaluation Report (PER)</a>                            |
| <a href="#">Permit-by-rule Notification</a>                | <a href="#">Other Compliance Report (ex. Quarterly Deviation Reports)</a> |
| <a href="#">PTI/PTIO Application</a>                       |   |
| <a href="#">Title V PTO Application</a>                    |   |
| <a href="#">Title IV Acid Rain Application</a>             |   |
| <a href="#">Request Administrative Permit Modification</a> |   |

[Air Services Home](#) | [Help](#)

Start [Taskbar icons] 2:57 PM

- [Owner/Contact](#)
- [Application\(s\)](#)
- [Permit\(s\)](#)
- [Emissions Report\(s\)](#)
- [Reporting Category](#)
- [Compliance Reports](#)
- [Facility Profile History](#)
- [Event Logs](#)
- [References](#)

Air Services Home &gt; &gt;

**Permit(s)**

**Facility ID:** 0125040420      **Current Permitting Classification:** TV      **Facility Profile Start Date:** 6/18/2009  
**Facility Name:** Columbus Southerly Wastewater Treatment Plant      **Operating Status:** Operating      **Facility Profile End Date:** Current

Previous 1-25 of 42 Next 17

| Permit Number | Application Numbers | Type         | Draft Issuance |                                       | PPP Issuance |          | PP Issuance |          | Final Issuance |   |
|---------------|---------------------|--------------|----------------|---------------------------------------|--------------|----------|-------------|----------|----------------|---|
|               |                     |              | Date           | Document                              | Date         | Document | Date        | Document | Date           | Document  |
| 01-01305      | A0000588            | PTI          | 11/17/2005     | <a href="#">Draft Permit Document</a> |              |          |             |          | 1/12/2006      | <a href="#">Final After Draft Permit Document</a> |
| P0003344      |                     | Registration |                |                                       |              |          |             |          | 10/7/1994      |   |
| P0003339      |                     | State PTO    |                |                                       |              |          |             |          | 8/5/1994       |   |
| P0003340      |                     | State PTO    |                |                                       |              |          |             |          | 8/5/1994       |   |
| P0003333      |                     | Registration |                |                                       |              |          |             |          | 10/15/1993     |   |
| P0003334      |                     | Registration |                |                                       |              |          |             |          | 10/15/1993     |   |
| P0003335      |                     | Registration |                |                                       |              |          |             |          | 10/15/1993     |   |
| 01-4201       |                     | PTI          |                |                                       |              |          |             |          | 4/14/1993      |   |
| 01-4201       |                     | PTI          |                |                                       |              |          |             |          | 4/14/1993      |   |
| P0003324      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003325      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003326      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003327      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003328      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003329      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003330      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003331      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003332      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003336      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003342      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003343      |                     | State PTO    |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003347      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003348      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003349      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |
| P0003350      |                     | Registration |                |                                       |              |          |             |          | 11/27/1992     |   |

## Air Services Home – Third Level Example

- List of all permits issued for the facility
- Links to permits if available



- [Owner/Contact](#)
- [Application\(s\)](#)
- [Permit\(s\)](#)
- [Emissions Report\(s\)](#)
- [Reporting Category](#)
- **[Compliance Reports](#)**
- [Facility Profile History](#)
- [Event Logs](#)
- [References](#)

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**Facility ID:** 1409001065      **Current Permitting Classification:** TV      **Facility Profile Start Date:** 5/20/2009  
**Facility Name:** Cambridge Compressor - New Concord      **Operating Status:** Operating      **Facility Profile End Date:** Current

#### Compliance Reports

| Report Id            | Report Type                        | Description  | Category                   | Submitted Date | Period | Report Status |
|----------------------|------------------------------------|--|----------------------------|----------------|--------|---------------|
| <a href="#">6260</a> | TV Annual Compliance Certification | N/A  | N/A                        | May 14, 2009   | 2008   | Submitted     |
| <a href="#">6247</a> | TV Annual Compliance Certification | N/A  | N/A                        | May 1, 2009    | 2008   | Submitted     |
| <a href="#">6245</a> | TV Annual Compliance Certification | N/A  | N/A                        | Apr 29, 2009   | 2008   | Submitted     |
| <a href="#">2899</a> | Other Compliance Report            | Reporting period - 7/1/08 through 12/31/08 Due January 31, 2009 No known devi... | Semi-Annual Deviation rpt. | Jan 30, 2009   | N/A    | Submitted     |
| <a href="#">2816</a> | Other Compliance Report            | Reporting period - 10/1/08 through 12/31/08 Due January 31, 2009 No known dev... | Quarterly Deviation Rpt.   | Jan 29, 2009   | N/A    | Submitted     |

[Printable view](#)

[Export to excel](#)

[Air Services Home](#) | [Help](#)

Air Services Home – Third Level Example

- User can see/access previously submitted information

## Compliance Report Detail

## Title V Annual Compliance Certification

**Facility ID:** 1409001065      **Report ID:** 6260      **Reporting Period:** 2008  
**Facility Name:** Cambridge Compressor - New Concord      **Report Type:** TV Annual Compliance Certification  
**Submitted By:** Gateway, Gateway      **Report Status:** Submitted

#### Identification of Intermittent Compliance (IC)

Intermittent compliance may be identified through either the following table or by attaching the information below. When attaching a document in lieu of using the table below, the document must meet the required format and content requirements for annual certifications. You can download a 'Title V Compliance Certification' form that meets these requirements along with instructions and examples from the system's [reference page](#). Except as indicated in this section, the Material Information section below, or any attachments submitted in lieu of using these sections, submittal of this report shall indicate all emissions units subject to one or more applicable requirements operated in continuous compliance with all federally enforceable permit terms and conditions throughout the reporting period identified above.

| IC ID  | Emission Limitation/Control<br>EU Measure or<br>Permit Term No. | Compliance Method | Excursions/Deviations (Fill in ONLY ONE of the following fields but NOT BOTH):             |   |
|--|---|-------------------|--|---|
|  |   |                   | Report Date of Those Documented Within<br>Excursion/Deviation Reports Submitted to DO/LAA: | Explain the Date, Nature, Duration, and Probable Cause of the Excursion/Deviation, as well as any Corrective Action Taken |
| <a href="#">Printable view</a> <a href="#">Export to excel</a> |   |                   |  |   |

#### Any Material Information Not Established Through the Applicable Permit Terms and Conditions That May Indicate Non-Compliance

For each piece of material information, identify the emissions unit or briefly describe the requirement and then provide a description of the material information. For insignificant emissions units, include the permit number or SIP-based applicable requirement rule reference. If you are attaching a Title V Compliance Certification form that includes this information you do not need to duplicate it here.

#### Attachments

If you are attaching any previously submitted reports as part of this submittal, remember to also report the name and the date of the report.

| Attachment ID  | Attachment Type | Description | Modified By | Last Modified |
|--|-----------------|-------------|-------------|---------------|
| <a href="#">Printable view</a> <a href="#">Export to excel</a><br><a href="#">Download/Print</a> |                 |             |             |               |

Air Services Home – Third Level Example

- Example of clicking on a previously submitted Compliance Certification link

- Emission Units
- Control Equipment
- Egress Points
- Federal Rules

### Facility Profile

**Facility ID:** 0125040420      **Current Permitting Classification:** TV      **Facility Profile Start Date:** 6/18/2009  
**Facility Name:** Columbus Southerly Wastewater Treatment Plant      **Operating Status:** Operating      **Facility Profile End Date:** Current

Expand Facility Tree



#### Facility Information

**Facility ID:** 0125040420  
**Facility Name:** Columbus Southerly Wastewater Treatment Plant  
**Facility Description:** Sewerage systems  
**Address1:** 6977 South High Street  
**Address2:** Box 95C, Rt#3  
**City:** Lockbourne      **State:** Ohio      **Zip:** 43137-9702  
**County:** Franklin  
**Portable:**   
**Operating Status:** Operating  
**Permitting:** TV      **PER Due Date:** None  
**Classification:**  
**Transitional Status:**  
**Title V Permit Status:** Pending Initial      **Title V Certification Report Due Date:**  
**Emissions Reporting Category for 2008:** TV      **Status:** Submitted  
**Anticipated Emissions Reporting Category for 2009:** TV

#### Facility Details

**Core Place ID:** 14681  
**Latitude and Longitude**  
**Latitude Degree:** 39      **Minute:** 48      **Second:** 58.0  
**Longitude Degree:** 83      **Minute:** 0      **Second:** 35.0

[Lat/Long reference information](#)

#### SIC

|                                      |
|--------------------------------------|
| <b>SIC</b>                           |
| 1623 Water, Sewer, And Utility Lines |

### The Facility Profile

- Default view of the emissions unit "tree"
- Detailed data shown for selected item
- Third level menu for alternate view of data

- Emission Units
- Control Equipment
- Egress Points
- Federal Rules

### Facility Profile

**Facility ID:** 0125040420      **Current Permitting Classification:** TV      **Facility Profile Start Date:** 6/18/2009  
**Facility Name:** Columbus Southerly Wastewater Treatment Plant      **Operating Status:** Operating      **Facility Profile End Date:** Current

Expand Facility Tree

- 0125040420
  - B001
    - B001-FO
      - EEMP01-B001
  - B015
    - B015-FO
      - EEMP01-B015
    - B015-NG
      - EEMP01-B015
  - B016
    - B016-FO
      - EEMP01-B016
  - B017
    - B017-FO
      - EEMP01-B017
    - B017-NG
      - EEMP01-B017
  - B019
    - B019-FO
      - EEMP01-B019
  - B021
  - B023
  - B024
  - B027

#### Facility Information

**Facility ID:** 0125040420  
**Facility Name:** Columbus Southerly Wastewater Treatment Plant  
**Facility Description:** Sewerage systems  
**Address1:** 6977 South High Street  
**Address2:** Box 95C, Rt#3  
**City:** Lockbourne      **State:** Ohio      **Zip:** 43137-9702  
**County:** Franklin  
**Portable:**   
**Operating Status:** Operating  
**Permitting:** TV      **PER Due Date:** None  
**Classification:**  
**Transitional Status:**  
**Title V Permit Status:** Pending Initial      **Title V Certification Report Due Date:**  
**Emissions Reporting Category for 2008:** TV      **Status:** Submitted

#### Anticipated Emissions Reporting Category

#### Facility Details

**Core Place ID:** 14681  
**Latitude and Longitude**  
**Latitude Degree:** 39      **Min**  
**Longitude Degree:** 83      **Min**  
**SIC**  
 SIC 1623

- Emission Units
- Control Equipment
- Egress Points
- Federal Rules

#### Emission Units

**Facility ID:** 0125040420      **Current Permitting Classification:** TV      **Facility Profile Start Date:** 6/18/2009  
**Facility Name:** Columbus Southerly Wastewater Treatment Plant      **Operating Status:** Operating      **Facility Profile End Date:** Current

| DAPC Emissions Unit ID | DAPC Description                                 | Company Equipment ID                  | Company Description  | Operating Status | PTI Status | Permit Status       | Title V EU Classification | Exemption Status | Completion of Initial Installation Date |
|------------------------|--|---------------------------------------|--|------------------|------------|---------------------|---------------------------|------------------|---|
| B001                   |  | Boiler 132102 SVC                     | Johnston 2.8 MMBtu Boiler - No. 1 in Service Building (SVC)                      | Operating        | None       | Registration Status | Trivial                   | Exempt           |   |
| B015                   |  | Boiler 212236                         | Iron Fireman 6.3 MMBtu Boiler #11007 (FESOP ID B002)                             | Operating        | None       | Registration Status | Non-Insignificant         | NA               | 6/1/1990                                |
| B016                   |  | Boiler 162933                         | Johnston 4.2 MMBtu Boiler #42923 (FESOP ID B003)                                 | Operating        | None       | Registration Status | Non-Insignificant         | NA               | 6/1/1974                                |
| B017                   |  | Boiler 212237                         | Iron Fireman 5.25 MMBtu Boiler #11008 (FESOP ID B004)                            | Operating        | None       | Registration Status | Non-Insignificant         | NA               | 6/1/1990                                |
| B019                   |  | Boiler 208601                         | Superior 6.3 MMBtu Boiler #10548 (FESOP ID B006)                                 | Operating        | None       | Registration Status | Non-Insignificant         | NA               | 6/1/1988                                |
| B021                   |  | BOILER AT INTERCONNECTOR PUMP STATION | 1.24 MMBTU/HR #2 OIL BOILER, PEERLESS  | Operating        | None       | Registration Status | Trivial                   | NA               |   |
| B023                   |  | Emergency Generator IPS               | 15 HP Emergency Generator at Interconnector Pump Station (IPS)                   | Operating        | None       | Registration Status | Insignificant             | Exempt           | 1/1/1975                                |
| B024                   |  | Emergency Generator 1                 | McGraw Edison 125 KW Emergency Generator #125 ODYD-15R/26064H                    | Operating        | None       | Registration Status | Insignificant             | Exempt           | 6/1/1986                                |
| B027                   | Acid Gas Digester number 1 controlled by a flare | Acid-phase Digester 1                 | Digestion of sewage sludge under gas production cap (non-PSD Synthetic Minor ... | Operating        | None       | None                | Not Applicable            | NA               | 6/1/2006                                |
| B028                   | Acid Gas Digester number 2 controlled by a flare | Acid-phase Digester 2                 | Digestion of sewage sludge under gas production cap (non-PSD Synthetic Minor ... | Operating        | Active     | None                | Not Applicable            | NA               | 6/1/2006                                |
| B029                   | Acid gas digester number 3 controlled by a flare | Acid-phase Digester 3                 | Digestion of sewage sludge under gas production cap (non-PSD Synthetic Minor ... | Operating        | Active     | None                | Not Applicable            | NA               | 6/1/2006                                |
| B030                   | Gas digester number 1 controlled by a flare      | Digester 1                            | Digestion of sewage sludge under gas production cap (non-PSD Synthetic Minor ... | Operating        | Active     | None                | Not Applicable            | NA               | 6/1/2006                                |
| B031                   | Gas digester number 2 controlled by a flare      | Digester 2                            | Digestion of sewage sludge under gas production cap (non-PSD Synthetic Minor ... | Operating        | None       | None                | Not Applicable            | NA               | 6/1/2006                                |
| B032                   | Gas digester number 3 controlled by a flare      | Digester 3                            | Digestion of sewage sludge under gas production cap (non-PSD Synthetic Minor ... | Operating        | None       | None                | Not Applicable            | NA               | 6/1/2006                                |

The Facility Profile  
 • Alternate view of emissions unit list with associated summary data



Facility Search | Map Multiple Locations ... | Map Multiple Locations by ... | Map Multiple Locations by ... | To Dos

http://dapcapps.epa.state.oh.us/stars2/home/home.jsf?server=appsman2.epa.state.oh.us&port=7005&sid=QHcqK6NV6dMPm631CrV8GzcnPQJkpr4MyHMzClodyBSkQ1MNyVp!541865233!1245351395516

Customize Links | Free Hotmail | Windows Marketplace | Windows Media | Windows | USA TODAY Special R... | KML Media Gallery - K... | Map Multiple Location... | GWAVA | Gmail - Inbox (10) - c... | Shiftboard - Company... | IDEM: Emission Repor...



epaPortal

Version 1.14  
Welcome MAHERN

- Home
- Workflow
- Facilities
- Permits
- Applications
- Emissions Reports
- Compliance Reports
- Invoices
- Mgmt Reports
- Tools

ToDos | Permit ToDos | Create ToDo Task

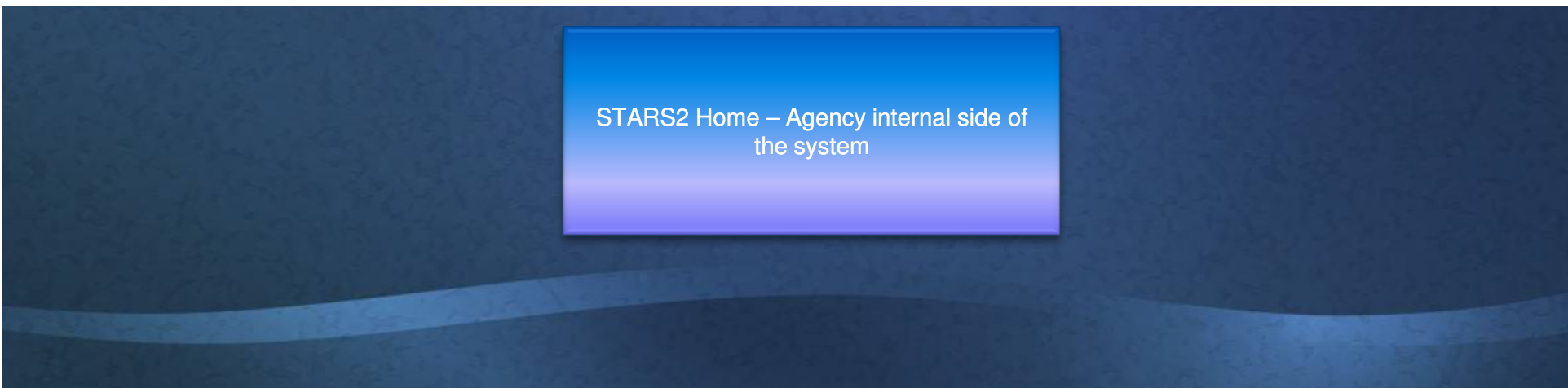
[Home](#) >

To Dos

**Search Criteria**

|               |  |               |                          |            |   |
|---------------|--|---------------|--------------------------|------------|---|
| Facility ID   | <input type="text" value="000000000,0%,%0%,*0*,0*"/>   | Workflow Type | <input type="text"/>     | Task Name  | <input type="text"/>                    |
| Facility Name | <input type="text" value="acme%,%acme%,*acme*,acme*"/> | Workflow Name | <input type="text"/>     | Task State | <input type="text" value="In Process"/> |
| Staff         | <input type="text" value="Ahern, Michael"/>            | Looped        | <input type="checkbox"/> |            |   |

[Home](#) | [Workflow](#) | [Facilities](#) | [Permits](#) | [Applications](#) | [Emissions Reports](#) | [Compliance Reports](#) | [Invoices](#) | [Mgmt Reports](#) | [Tools](#) | [Admin](#) | [epaPortal](#) | [Help](#) | [Logout](#)



Compliance Reports >

**Search Criteria**

Facility ID:   
 Facility Name:   
 Report Type:

By Date:   
 Begin Date:   
 End Date:

Status:   
 Accepted:

**Search Results**

Previous 1-25 of 625 Next 25

| Report Id            | Facility ID | Facility Name                         | Report Type             | Description  | Category              | Submitted Date | Period | Accepted | Report Status |
|----------------------|-------------|---------------------------------------|-------------------------|--|-----------------------|----------------|--------|----------|---------------|
| <a href="#">5674</a> | 0180010110  | Parcer Hannafin, HPD                  | Other Compliance Report | 2008 annual report, no operating hours for either engine in 2008, B008 perman... | Annual Deviation Rpt. | Apr 13, 2009   | N/A    | Yes      | Submitted     |
| <a href="#">5079</a> | 0165010125  | TRIMOLD LLC                           | Other Compliance Report | 2008 Annual Deviation Report due April 1, 2009                                   | Annual Deviation Rpt. | Mar 30, 2009   | N/A    | Yes      | Submitted     |
| <a href="#">2522</a> | 0125040716  | Calgon Carbon Corp                    | Other Compliance Report | 2008   | Annual Deviation Rpt. | Feb 2, 2009    | N/A    | Yes      | Submitted     |
| <a href="#">2371</a> | 0145020367  | SHELLY MATERIALS INC - ST. LOUISVILLE | Other Compliance Report | Resorting Period: 1 January 2008 through 31 December 2008 Due Date: 31 Januar... | Annual Deviation Rpt. | Jan 30, 2009   | N/A    | Yes      | Submitted     |
| <a href="#">3253</a> | 0142000062  | SMALL'S SAND AND GRAVEL INC           | Other Compliance Report | Resorting Period: 1 January 2008 through 31 December 2008 Due Date: 31 Januar... | Annual Deviation Rpt. | Jan 28, 2009   | N/A    | Yes      | Submitted     |
| <a href="#">2788</a> | 0125093103  | Horton Emergency Vehicle Co.          | Other Compliance Report | 2008 Annual Deviation Report   | Annual Deviation Rpt. | Jan 27, 2009   | N/A    | Yes      | Submitted     |
| <a href="#">2762</a> | 0125042195  | HORTON EMERGENCY VE-HICLE CO          | Other Compliance Report | 2008 Annual Deviation Report   | Annual Deviation Rpt. | Jan 27, 2009   | N/A    | Yes      | Submitted     |
| <a href="#">2906</a> | 0121010228  | Delo Screw Products                   | Other Compliance Report | 2000 Annual Emissions Report - January 1st - December 31st 2000                  | Annual Deviation Rpt. | Jan 27, 2009   | N/A    | Yes      | Submitted     |
| <a href="#">2547</a> | 0125041763  | BOEHRINGER INGELHEIM ROXANE INC       | Other Compliance Report | 2008 ANNUAL REPORT FCR SOLIDS AREA FORMATION P002                                | Annual Deviation Rpt. | Jan 23, 2009   | N/A    | Yes      | Submitted     |
| <a href="#">2251</a> | 0125041763  | BOEHRINGER INGELHEIM ROXANE INC       | Other Compliance Report | 2008 ANNUAL DEVIATION REPORT FOR EMISSION UNIT P001 LIQUIDS FORMATION AREA       | Annual Deviation Rpt. | Jan 23, 2009   | N/A    | Yes      | Submitted     |

**STARS2**  
 •Summary view of previously submitted compliance reports

Permits >

Permit search

▼ Search Criteria

|                    |                                  |                       |                      |            |                      |
|--------------------|----------------------------------|-----------------------|----------------------|------------|----------------------|
| Facility ID        | <input type="text" value="01*"/> | Permit Number         | <input type="text"/> | Date Field | <input type="text"/> |
|                    | 000000000, 0%, %0% *0*, 0*       | Permit Type           | TV PTO               | After      |                      |
| Facility Name      | <input type="text"/>             | Permit Reason         | <input type="text"/> | Before     |                      |
|                    | acme%, %acme% *acme*, acme*      | Permit Issuance Stage | <input type="text"/> |            |                      |
| Application number | <input type="text"/>             |                       |                      |            |                      |
|                    | A0000504, A%, %50% *50*, A*      |                       |                      |            |                      |
| EU ID              | <input type="text"/>             |                       |                      |            |                      |

▼ Permit List

Previous 1-25 of 166 Next 25

| Permit Number            | Facility ID | Facility Name               | Application Numbers          | Earliest Submitted Date | Type   | Issuance Stage | Reason(s) | Effective Date | Expiration Date | Draft Issuance Date | Final Issuance Date |
|--------------------------|-------------|-----------------------------|------------------------------|-------------------------|--------|----------------|-----------|----------------|-----------------|---------------------|---------------------|
| <a href="#">P0082534</a> | 0124010112  | Fiber-Tech Industries Inc   | A0012847                     | 3/30/2006               | TV PTO | Issued Final   | Renewal   | 7/24/2008      | 7/24/2013       | 11/15/2007          | 7/3/2008            |
| <a href="#">P0082294</a> | 0121010005  | PPG Industries - Delaware   |                              |                         | TV PTO | Issued Final   | APA       | 12/31/2002     | 1/17/2008       |                     | 12/31/2002          |
| <a href="#">P0082333</a> | 0121010228  | Delo Screw Products         | A0012621                     | 7/10/1998               | TV PTO | Issued Final   | Initial   | 5/27/1999      | 5/27/2004       | 12/3/1998           | 5/27/1999           |
| <a href="#">P0082334</a> | 0121010228  | Delo Screw Products         | A0012622                     | 8/25/2003               | TV PTO | Issued Final   | Renewal   | 6/28/2007      | 6/28/2012       | 10/2/2006           | 6/28/2007           |
| <a href="#">P0082371</a> | 0123000137  | CRAWFORD COMPRESSOR STATION | A0012659, A0012660, A0012661 | 2/29/1996               | TV PTO | Issued Final   | Initial   | 3/19/1998      | 3/19/2003       | 5/1/1997            | 3/19/1998           |
| <a href="#">P0082372</a> | 0123000137  | CRAWFORD COMPRESSOR STATION | A0012662, A0012663           | 3/11/1997               | TV PTO | Issued Final   | Reopening | 3/19/1998      | 3/19/2003       | 5/1/1997            | 3/19/1998           |
| <a href="#">P0082441</a> | 0123010150  | Sonoco Products Company     | A0012742, A0012743           | 9/23/1996               | TV PTO | Issued Final   | Initial   | 1/28/1999      | 1/28/2004       | 3/19/1998           | 1/28/1999           |

**STARS2**  
 •Summary view of previously issued permits

- [Workflow List](#)
- [Terms and Conditions](#)
- [Draft Issuance](#)
- [PPP Issuance](#)
- [PP Issuance](#)
- [Final Issuance](#)
- [Denial Issuance](#)
- [Carbon Copy](#)
- [Fee Summary](#)
- [Attachments](#)
- [Notes](#)

Permits >

### Permit Detail

|   |                                  |  |
|---|----------------------------------|--|
| <b>Facility ID:</b> 0124010112                  | <b>Draft:</b> 11/15/2007         | <b>Hearing Notice:</b>                 |
| <b>Facility Name:</b> Fiber-Tech Industries Inc | <b>PPP:</b> 2/20/2008            | <b>Hearing:</b>                        |
| <b>Classification:</b> TV                       | <b>PP:</b> 5/2/2008              | <b>Comments Period End:</b> 12/18/2007 |
| <b>Permit Type:</b> TV PTO                      | <b>Final:</b> 7/3/2008           |  |
| <b>Permit Number:</b> P0082534                  | <b>Public Notice:</b> 11/17/2007 |  |
| <b>Final Effective:</b> 7/24/2008               |                                  | <b>Expiration:</b> 7/24/2013           |

- P0082534
- P002
- P003
- P004
- P009
- R001
- R003
- R004
- R005
- R006
- R007
- R008
- B001
- P001
- R002
- Z003
- Z005

### Permit Information

**Reason(s):** Renewal

**Permit Description:** Fiber-Tech TV Renewal

**ERAC Case Number:**

**Title IV flag:**  **Description:**

**CAM:**  **Description:**

**Section 112(r):**  **Description:**

**Variance:**

**Superseded Permit:** None

**MACT:**  **NESHAPS:**  **NSPS:**

**Hearing Requested ?**

**Legacy Permit:**

**Statement of Basis:** [P0082534 TV S.O.B.](#) **Response to Comments:**

- ▶ [Application / Request Administrative Permit Modifications](#)
- ▶ [Public Notice content](#)
- ▼ [Terms & Conditions](#)

STARS2  
•View of a selected Permit record



Facilities >

Facility Search

**Search Criteria**

Facility ID: 01\*      Address 1:      Permitting Classification:      TV Permit Status:      County:      DO/LAA:      Operating Status: Operating      Portable:      NAICS:      Portable Group Name:      Core Place Id:      Facility Name: acme%, %acme% \*acme\*, acme\*

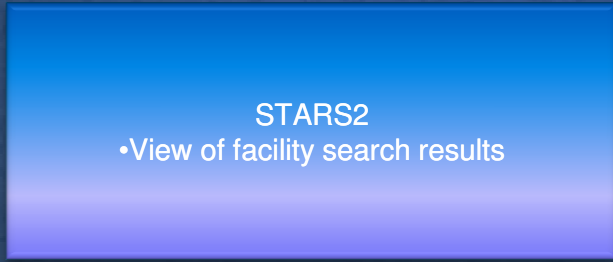
Submit    Reset

Submit

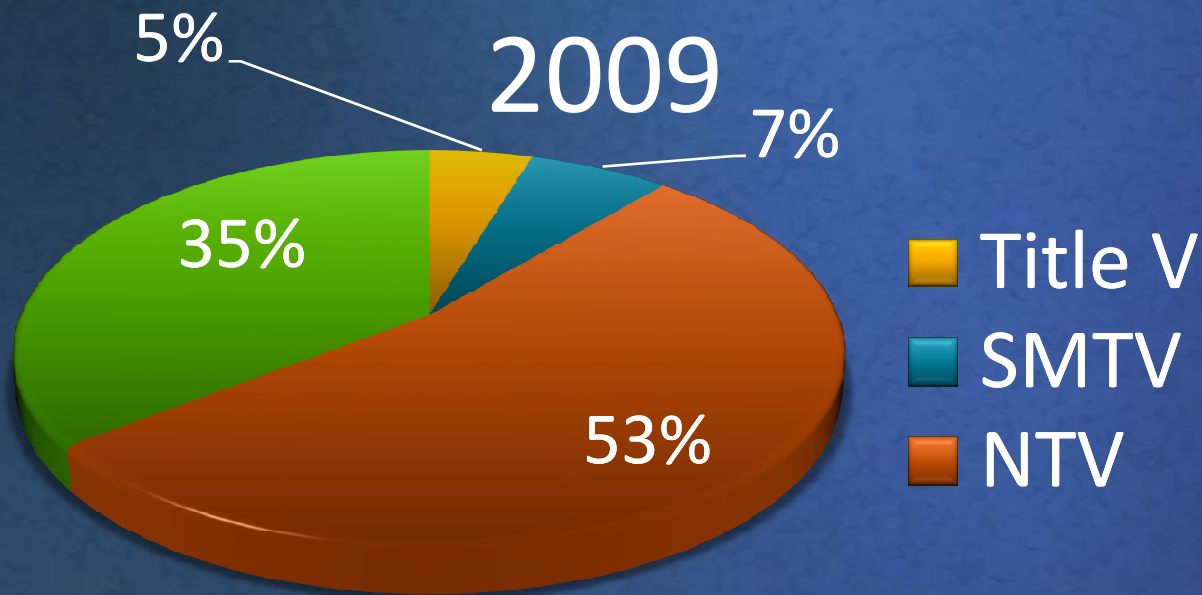
Facility List

Previous 1-25 of 1831 Next 25

| Facility Id | Facility Name                      | Address 1               | City        | County   | DO/LAA                                 | Operating Status | Permitting Classification | TV Permit Status | Portable                 |
|-------------|------------------------------------|-------------------------|-------------|----------|--|------------------|---------------------------|------------------|--------------------------|
| 0121000149  | NATIONAL LIME AND STONE CO         | STATE RTE 203           | RADNOR      | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000159  | NATIONAL LIME AND STONE - DELAWARE | 1274 OSTRANDER RD       | OSTRANDER   | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000164  | BRY-AIR INC                        | 10793 STATE RTE 37 W    | SUNBURY     | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000165  | DURASHIELD USA                     | 601 W CHERRY ST         | SUNBURY     | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000173  | AMERICAN SHOWA INC                 | 707 W CHERRY ST         | SUNBURY     | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000174  | BURWELL VETERINARY                 | 74 N VERNON ST          | SUNBURY     | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000175  | WEYERHAEUSER CO                    | 875 PITTSBURGH DR       | DELAWARE    | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000178  | TAYLOR MADE WOODWORKING INC        | 7662 N CENTRAL DR       | ORANGE TWP  | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000180  | CERTIFIED GAS STATION NO 402       | 110 GRANVILLE ST        | SUNBURY     | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000184  | BUCKEYE READY MIX - PLANT NO 15    | 3800 STATE RTE 605 S    | GALENA      | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000185  | UNITED DAIRY FARMERS NO 660        | 7085 STATE RTE 3        | WESTERVILLE | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000188  | UNITED DAIRY FARMERS NO 662        | 9030 COLUMBUS PIKE      | WESTERVILLE | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000202  | ABRASIVE TECHNOLOGY INC            | 8400 GREEN MEADOWS DR N | WESTERVILLE | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000209  | OX PETROLEUM INC                   | 2080 SUMMIT RD          | POWELL      | Delaware | Ohio EPA DAPC, Central District Office | Operating        | NTV                       |                  | <input type="checkbox"/> |
| 0121000211  | Worthington Cylinder Corporation   | 333 E MAXTOWN RD        | WESTERVILLE | Delaware | Ohio EPA DAPC, Central District Office | Operating        | FEPTIO                    |                  | <input type="checkbox"/> |



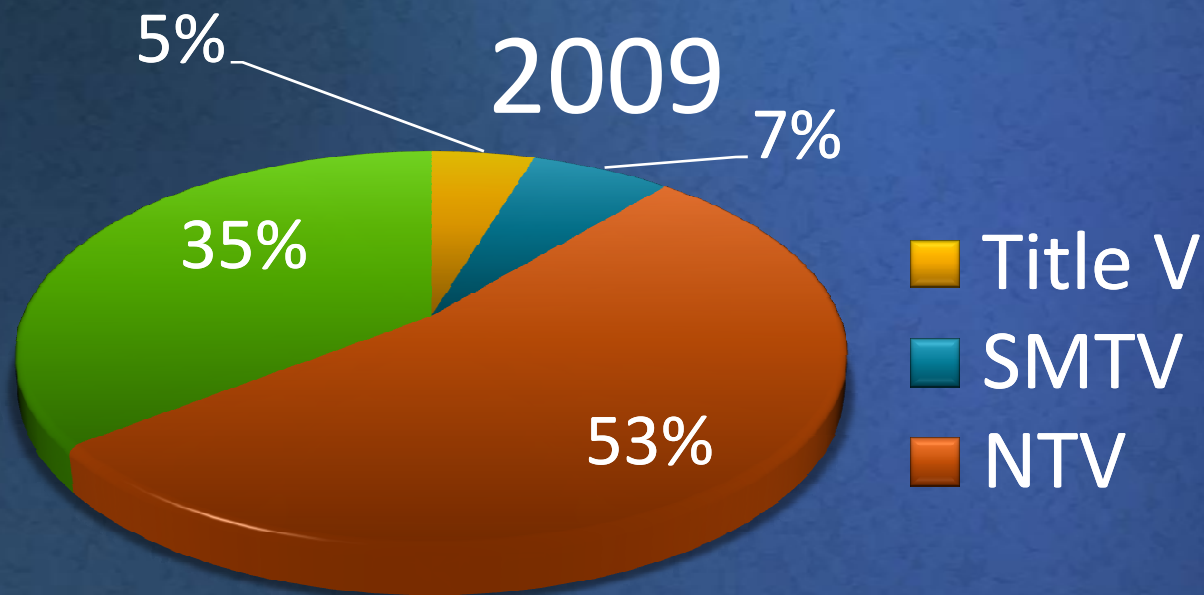
# Ohio Permitted Facilities



82 permit reviewers/inspectors assigns on average 167 facilities (about 853 individual emissions units) per permit reviewer at the DO/LAA

Total Cost: 3.5 million dollars

# Ohio Permitted Facilities



82 permit reviewers/inspectors assigns on average 167 facilities (about 853 individual emissions units) per permit reviewer at the DO/LAA

Annual maintenance cost for program implementation - \$200,000