

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

REVISION TO ALLEGHENY COUNTY'S PORTION  
of the  
PENNSYLVANIA STATE IMPLEMENTATION PLAN  
for the  
ATTAINMENT AND MAINTENANCE  
of the  
NATIONAL AMBIENT AIR QUALITY STANDARDS

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**(Revision Tracking No. 84C)**

Amendment to  
1997 and 2008  
8-Hour Ozone National Ambient Air Quality Standard --

**RACT II SIP Certification Addressing  
EPA's RACT II Conditional Approval**

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**Revision Tracking No. 84C  
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**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**A.**

Certification that Case-by-Case RACT Determinations and/or Averaging Plans and Enforceable RACT Measures in Submitted Permits have been submitted as required by the EPA RACT II Conditional Approval

**The Certification is contained in ACHD's signed cover letter transmitting this SIP revision to PA DEP.**

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**B.**

**1. List of ACHD's Sources with Case-by-Case RACT Determinations and/or Averaging Plans**

Internal Tracking Public Notice Number	Permit Number	Facility Name	Public Comment Period	Public Hearing Date	Permit Issuance Date
Public Notice #189	0027-OP17a	Universal Stainless and Alloy Products, Inc.	12/19/2019 to 1/22/2020	1/22/2020	2/20/2020
	0057-OP18a	PPG Industries, Inc. – Springdale Plant	12/19/2019 to 1/22/2020	1/22/2020	2/28/2020
	0047-I003	Bellefield Boiler Plant	12/19/2019 to 1/22/2020	1/22/2020	4/14/2020
Public Notice #190	0054-I005*	Cheswick Generating Station	1/9/2020 to 2/11/2020	2/11/2020	2/28/2020
	0056-I002*	Brunot Island Generating Station	1/9/2020 to 2/11/2020	2/11/2020	2/28/2020
	0060-OP15c	Neville Chemical Company	1/9/2020 to 2/11/2020	2/11/2020	4/23/2020
	0059-I009	ATI Flat Rolled Products Holdings, LLC	1/9/2020 to 2/11/2020	2/11/2020	4/16/2020
Public Notice #191	0022-I003	Energy Center Pittsburgh, LLC North Shore Plant	1/23/2020 to 2/25/2020	2/25/2020	3/18/2020
	0051-I008	United States Steel Corporation, Edgar Thomson Works	1/23/2020 to 2/25/2020	2/25/2020	4/21/2020
	0050-OP16b	United States Steel Corporation, Irvin Plant	1/23/2020 to 2/25/2020	2/25/2020	4/16/2020
Public Notice #192 and Extension	0044-OP15a	Pittsburgh Allegheny County Thermal, LTD	2/6/2020 to 3/17/2020	3/17/2020	3/25/2020
	0058-I026	Eastman Chemical Resins, Inc.	2/6/2020 to 3/17/2020	3/17/2020	4/21/2020
	0052-I020	United States Steel Clairton Plant	2/6/2020 to 3/17/2020	3/17/2020	4/24/2020

\* = Includes Averaging Plan

I = Installation Permit; OP = Operating Permit

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**B.**

**2. Case-by-Case RACT Determinations and/or Averaging Plans  
submittals**

***For the following materials, refer to individual packages  
submitted for each source identified in the List of B.1***

- RACT determinations
- Enforceable RACT measures in redacted permits
- Draft permits presented for public comment
- Public Comments/Responses
- "Clean," i.e., un-redacted, issued permits, for  
information only, i.e., not to be incorporated into the SIP  
revision
- Other Materials including RACT analyses performed by  
sources

# **Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS**

## **C.** **Technical Support Document**

### **Introduction**

This SIP revision request submits the case-by-case reasonably available control technology (RACT) determinations and/or nitrogen oxide (NO<sub>x</sub>) averaging plans, and enforceable RACT measures that are indicated in redacted permits, and certifies that all necessary said determinations/averaging plans and enforceable measures in redacted permits have been submitted, as required to meet certain of Pennsylvania's Clean Air Act (CAA) obligations under the 1997 and 2008 8-hour ozone National Ambient Air Quality Standard (NAAQS) and the EPA RACT II Conditional Approval.

### **Statutory Authority:**

The Air Quality Program operates under the approval of the Pennsylvania Department of Environmental Protection in accordance with the provisions of 25 Pa Code Chapter 133. The Air Quality Program controls air pollution from sources by means of visible, mass, and concentration emission standards equal to, or more stringent than, those standards established by the DEP for emissions (25 Pa Code 133.4 (b) (2)). Since the early 1990s, Allegheny County has implemented numerous RACT controls to meet the CAA's RACT requirements.

### **Background:**

The federal Clean Air Act (CAA) of 1990 gives the states primary responsibility for achieving the National Ambient Air Quality Standards (NAAQS). The NAAQS are established by the U.S. Environmental Protection Agency (EPA) as the maximum concentrations in the atmosphere for specific air contaminants, set to protect public health and welfare. The principal mechanism at the state and local level for complying with the CAA is the State Implementation Plan (SIP). A SIP outlines the programs, actions, and commitments that a state will carry out to fulfill its responsibilities under the CAA. Once approved by the EPA, a SIP is a legally binding document under both state and federal law.

Ground level ozone, one of the principal components of "smog," is a serious air pollutant that is known to affect human health and the environment. High levels of ozone can damage the respiratory system causing breathing problems, throat irritation, coughing, chest pains, and increased susceptibility to respiratory infection. High levels of ozone also cause serious damage to forests and agricultural crops, which results in economic loss to logging and farming operations. In May 2012, EPA designated 46 areas of the country as "non-attainment," unclassifiable, or unclassifiable/attainment under the 2008 8-Hour ozone NAAQS. Among the non-attainment areas is the Pittsburgh-Beaver Valley Ozone Non-Attainment Area (NAA) located in Pennsylvania.

Ozone is generally not directly emitted to the atmosphere; rather it is formed in the atmosphere by photochemical reactions between volatile organic compounds (VOC), oxides of nitrogen (NO<sub>x</sub>), and carbon monoxide (CO) in the presence of sunlight. In order to reduce ozone concentrations in the ambient air, the CAA requires all non-attainment areas to apply controls on VOC/NO<sub>x</sub> emission sources to achieve emission

## **Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS**

reductions. CO's role in forming ozone is relatively insignificant, therefore the CAA does not specify requirements on CO emission reductions regarding ozone attainment. Among effective control measures, the Reasonably Available Control Technology (RACT) controls are a major group for reducing VOC and NOX emissions from stationary sources.

### **RACT Requirements**

The US Environmental Protection Agency (EPA) has defined RACT as the lowest emission limitation that a particular source is capable of meeting by the application of control technology that is reasonably available considering technological and economic feasibility (44 FR 53761 at 53762, September 17, 1979). Section 182 of the CAA sets forth separate RACT requirements for ozone non-attainment areas.

- The first requirement, contained in section 182(a)(2)(A) of the CAA, and referred to as RACT fix-up, requires the correction of RACT rules for which EPA identified deficiencies before the Act was amended in 1990. ***Allegheny County has no deficiencies to correct under this Section of the CAA.***
- The second requirement, set forth in section 182(b)(2) of the CAA for VOC sources, applies to moderate or worse ozone NAAs. This requires NAAs to implement RACT controls on all major VOC sources and on all VOC sources and source categories covered by a Control Technique Guideline (CTG) issued by EPA. ***Allegheny County's CTG Certification SIP, submitted by PA DEP to EPA on July 24, 2018 has been approved by EPA (84 FR 18736, May 2, 2019).***
- The third requirement is in section 182(f), and subjects major stationary sources of NOx to the same RACT requirements that are applicable to major sources of VOC. In addition, Section 184(b)(1)(B) of the CAA applies the RACT requirements in section 182(b)(2) for moderate nonattainment areas (and 182(f) by extension), to marginal nonattainment areas and attainment areas located within ozone transport regions (OTRs) established pursuant to section 184 of the CAA.

### **Requirements and Certifications specifically satisfied by this SIP Revision:**

The Pennsylvania Department of Environmental Protection (PA DEP) submitted its April 23, 2016 final rule, entitled *Additional RACT Requirements for Major Sources of NOx and VOCs* (46 Pa.B. 2036) (RACT II Regulations) as a SIP revision to meet RACT requirements for volatile organic compound (VOC) and oxides of nitrogen (NOx) emissions under sections 172(c)(1), 182(b)(2)(C) and 182(f) of the Clean Air Act (42 U.S.C.A. §§ 7502(c)(1), 7511a(b)(2), 7511a(f)) and the 2008 ozone NAAQS implementation rule (80 FR 12,264; March 6, 2015).

On May 9, 2019, the EPA published a final rule entitled *Approval and Promulgation of Air Quality Implementation Plans; Pennsylvania; Regulatory Amendments Addressing Reasonably Available Control Technology Under the 1997 and 2008 8-Hour Ozone National Ambient Air Quality Standards*, (84 FR 20,274), which conditionally approved certain provisions of Pennsylvania's RACT II Regulations (RACT II Conditional Approval).

## **Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS**

Section IV of the EPA's RACT II Conditional Approval required PA DEP to submit the following by May 9, 2020:

1. All facility-wide or system-wide averaging plans approved by PADEP under 25 Pa Code § 129.98 including but not limited to any terms and conditions that ensure the enforceability of the averaging plan as a practical matter, and;
2. All source-specific RACT determinations approved by PADEP under 25 Pa Code § 129.99, including any alternative compliance schedules approved under §§ 129.97(k) and 129.99(i); the source-specific RACT determinations submitted to EPA for approval into the SIP shall include any terms and conditions that ensure the enforceability of the source-specific RACT emission limitation as a practical matter.

In this SIP revision, ACHD is submitting all of the case by case RACT determinations and averaging plans required by the RACT II Conditional Approval for sources located in Allegheny County, and the enforceable RACT measures indicated in the related redacted permits for such sources. (See Section B.2.) At the request of the EPA, ACHD is also submitting the corresponding complete, i.e., unredacted, permits for such sources. However, ACHD notes that it does not include these complete, unredacted permits as being submitted to be part of the SIP.

ACHD is also submitting the necessary documentation demonstrating that all procedural requirements regarding public notice and public comment with respect to these determinations/plans have been satisfied.

As stated in the cover transmittal letter, ACHD certifies that, with this SIP revision submittal, it has submitted all of the case-by-case RACT determinations and averaging plans required by the terms of EPA's RACT II Conditional Approval with regard to air pollution sources located in Allegheny County, and that the enforceable RACT measures indicated in the redacted permits resolve the requirements of the EPA RACT II Conditional Approval.

### **Notice of Public Comment:**

SIP Revision 84C was the subject of a public comment period and a public hearing. As mentioned above, public hearing documentation for the four public comment periods is included in Section B.2(the comment/responses), and Section D.

### **Responsible Agency:**

The agency with direct responsibility for preparing and submitting this document is Allegheny County Health Department, under the Department's Director, Dr. Debra Bogen. The working responsibility for air quality planning and permitting falls within Air Quality under Ms. Jayme Graham.

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
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**D. Documentation of Public Hearings and Certifications**

Public hearing notice

Transmittals of hearing notice to EPA & PA DEP

Proof of publication of notice of hearing

Certification of hearing

Public Hearing Statements

Comment and response document (Submitted with individual sources' packages. See Section B.)

Certification of Approval and Adoption

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**D.1 Documentation associated with Public Hearing (Notice 189) for:**

- **Universal Stainless and Alloy Products, Inc. (0027-OP17a)**
- **PPG Industries, Inc. – Springdale Plant (0057-OP18a)**
- **Bellefield Boiler Plant (0047-I003)**

Public hearing notice

Transmittals of hearing notice to EPA & PA DEP, local governments,  
interested parties and webmaster

Proof of publication of notice of hearing

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

Notice 189

12/19/2019

## ALLEGHENY COUNTY HEALTH DEPARTMENT

### NOTICE OF PROPOSED REVISION TO THE STATE IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN, VOLATILE ORGANIC COMPOUNDS (RACT II) AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION & MAJOR (TITLE V) OPERATING PERMITS

In accordance with Article XXI §2102.05.c and §2103.21.c, the Allegheny County Health Department is proposing to modify and issue permits for the following major source facilities and to revise the State Implementation Plan (SIP) for nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC) Reasonably Available Control Technology (RACT II). The proposed RACT II determinations, if finally approved, will be incorporated into each facility's respective permit, and a revised Title V operating permit will be issued. The relevant RACT II requirements will be submitted to the U.S. Environmental Protection Agency for the conditions to become part of the Pennsylvania State Implementation Plan (SIP) and will remain in effect until replaced pursuant to 40 CFR 51 and approval by the EPA. Requirements that are not part of the RACT II determination will be excluded from the SIP submittal.

The proposed SIP revision does not adopt any new regulations. It incorporates the provisions and requirements contained in the amended RACT II approval for the facility, which are intended to satisfy the requirements of the 1997 National Ambient Air Quality Standard (NAAQS) and the 2008 NAAQS for ozone. The following is a summary of the proposed amendments to the RACT II determination that will be submitted to the EPA as a SIP revision:

**UNIVERSAL STAINLESS AND ALLOY PRODUCTS, INC (0027-OP17a)**, 600 Mayer Street, Bridgeville, PA 15017, for the manufacture of specialty steel products. The facility is composed of one electric arc furnace (P001), one argon-oxygen decarburization vessel (P002), four electro-slag reduction furnaces, one hot rolling mill, one bar mill, and associated reheat and annealing furnaces. The facility is a major source of nitrogen oxides (NO<sub>x</sub>) and therefore subject to Reasonable Available Control Technology (RACT). Except for P001 and P002, the other emission sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code 129.97.

Source	RACT II Requirement
Electric Arc Furnace (P001)	NO <sub>x</sub> – proper operation & maintenance; good engineering practice
Argon-Oxygen Decarburization (P002)	NO <sub>x</sub> – proper operation & maintenance; good engineering practice

**PPG INDUSTRIES, INC. – SPRINGDALE PLANT (0057-OP18a)**, 125 Colfax Street, Springdale, PA, for a Title V operating permit. The facility consists of a paint production facility (Paint Plant), a resin development center, and research & development facility (Development Center). The facility is a major source of volatile organic compounds (VOC) and hazardous air pollutants (HAP) and therefore subject to Reasonable Available Control Technology (RACT). Emission sources at this facility other than the ones listed below are required to comply with the presumptive RACT requirements in 25 Pa. Code 129.97.

Source	RACT II Requirement
Paint Plant Controlled Emissions (P001)	VOC – RTO with 98% destruction efficiency
Paint Plant Uncontrolled Emissions (P002)	VOC – LDAR; proper operation & maintenance; good engineering practice
Freightliner Spray Booth (P003)	VOC – overspray filters & electrostatic spray guns
Development Center Controlled Emissions (P004)	VOC – RTO with 98% destruction efficiency
Development Center Uncontrolled Emissions (P005)	VOC – LDAR; proper operation & maintenance; good engineering practice
Automated Spray Booth (P006)	VOC – overspray filters & electrostatic spray guns

In addition to revising the State Implementation Plan (SIP) for nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC), under Article XXI, §2103.11.e. and §2103.21.c, notice is hereby given that the Allegheny County Health Department intends to issue an Installation Permit (IP) for the following facilities.

**BELLEFIELD BOILER PLANT (0047-I003)**, 4400 Forbes Avenue, Pittsburgh, PA 15213 for a captive steam generation facility, which supplies steam for heating and refrigeration. The plant is composed of six (6) boilers emitting from one stack. The facility is a major source of nitrogen oxides (NO<sub>x</sub>) and carbon monoxide emissions (CO) and therefore subject to Reasonable Available Control Technology (RACT). Except for B003 and B007, the other emission sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code 129.97.

Source	RACT II Requirement
Boiler No. 3 (B003)	NO <sub>x</sub> – 0.63 lb/MMBtu; 4.91% annual capacity factor on fuel oil
Boiler No. 7 (B007)	NO <sub>x</sub> – 0.20 lb/MMBtu; 4.91% annual capacity factor on fuel oil

Ends 01/22/2020

## **Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS**

**Notice 189**

**12/19/2019**

**PPG INDUSTRIES, INC. – SPRINGDALE PLANT (0057-I005c)**, 125 Colfax Street, Springdale, PA, for a modification to the installation permit for two regenerative thermal oxidizers. The modification is to incorporate Reasonable Available Control Technology (RACT).

Copies of the draft permits, technical support documents, application, ACHD's analysis, and all pertinent documents used in the evaluation of the application are open for public inspection at Building 7 of the Clack Health Center, 301 39th Street, Pittsburgh, PA 15201-1811. Written comments regarding the draft permits must be received by the Department at the above address or by e-mail at [aqpermits@alleghenycounty.us](mailto:aqpermits@alleghenycounty.us) on or before Wednesday, January 22, 2020. A public hearing will be held regarding the proposed issuance of these permits on January 22, 2020 at 6 PM in the first-floor conference room of Building 7 of the Clack Health Center. Oral testimony must be scheduled by calling Ms. Karen Sagel at 412-578-8115 no later than 4 PM Tuesday, January 21, 2020. Written copies of comments should be submitted at the time of testimony. Comments to previously issued permits that are being modified will be accepted on the SIP conditions pertaining to RACT II only. Each submission must contain the name, address and telephone number of the person submitting the comments, identification of the proposed Operating Permit including the permit number and a concise statement regarding the relevancy of the information or objections to issuance.

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

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**From:** Dettlinger, Carl  
**Sent:** Thursday, December 19, 2019 1:17 PM  
**To:** Amy Johansen; Angela Marconi; Bob Hodanbosi; Cynthia Stahl; Danny Wong; DEP; Ed Wiener; Etzel, Sandra; Joanna French; Kassahun Sellassie; Krishnan Ramamurthy; MaryCate Opila; Michael Cronin; Paul Wentworth; Steve Hepler; Suna Sariscak; Tamera Thompson; Truchan, JoAnn  
**Subject:** Notification - Air Quality Permits  
**Attachments:** notice 189 - 2019-12-19.pdf

Dear State/EPA Permit Contact:

Attached is a copy of our most recent notice of applications received, permits in public comment and permitting actions taken. Comments on permits we intend to issue are due on or before 22 January, 2020.

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

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**From:** Dettlinger, Carl  
**Sent:** Thursday, December 19, 2019 1:17 PM  
**To:** info@bridgevilleboro.com; lcollins@bridgevilleboro.com; cglowark@bridgevilleboro.com; svalentino@bridgevilleboro.com; scotttwp@scotttownship.com; springdaleboro@hotmail.com; sptwp@verizon.net; City\_Controller@pittsburghpa.gov  
**Subject:** Air Quality Permit Notification  
**Attachments:** notice 189 - 2019-12-19.pdf

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

Sources of air pollution in Allegheny County are required to obtain air quality permits for the operation of existing air pollution sources and for the installation of new air pollution sources or new air pollution control equipment. The Allegheny County Health Department (ACHD) issues these permits and is providing notice that a complete Installation Permit Application or Operating Permit Application has been received for one or more facilities which may be located in your municipality or a neighboring municipality.

The following information provides notification to municipalities of our intent to issue or modify an air quality permit. Once our intent to issue the permit is advertised, there is a 30-day public comment period. During this period, the permit and related documents will be available for public review and we will welcome comments from all interested parties.

**Comments must be received by the ACHD on or before 22 January, 2020.**

We are providing this notice to you for your information. No action on your part is required. However, should you or any resident of the municipality wish to comment on a permit please email your comments to [AQPermits@alleghenycounty.us](mailto:AQPermits@alleghenycounty.us) or mail them to Ms. JoAnn Truchan, Chief Engineer, Allegheny County Health Department, Air Quality Program, 301 39th Street - Building #7, Pittsburgh, PA 15201-1811.



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

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**From:** Dettlinger, Carl  
**Sent:** Thursday, December 19, 2019 1:17 PM  
**To:** Adam Kron (akron@environmentalintegrity.org); Al & Donna Frederick; Amber M. Isaac; Andrea Lavin Kossis; Angelo Taranto; Ben Blasingame; Bill Kirk; Bob Kristof; Cassi Steenblok; Chris Ahlers; Cole Leja-Lea; Cynthia Adams; Dave Breingan; Debra Smit; Erica Peiffer; Etzel, Sandra; Fran Harkins; Heather Hurst; Jill DeBernardin; Joe Minott; John Baillie; Kerry Weichsel; Kevin Acklin; Kris Macoskey; Leah Blinn; Lindsay Fraser; Lisa Graves Marcucci; Lisa Hallowell; Logan Welde; Louise Heinle; Mark McClellan; Mary Jane Zdila; Mike Pring; Myron Arnowitt; Ned Mulcahy; Paul Alessio; Peri Unligil; Rachel Martin; Randy Francisco; Rebecca Johnson; Rosann Imm; S. Johnson; Stanley & Toni Zembrowski; Stephanie Tsao; Steven Hvozdoch; Sue Seppi; Sue Vertosick; Taro Matsuno; Tom Schuster; Truchan, JoAnn; Walter Goldberg  
**Subject:** Notification - Air Quality Permits  
**Attachments:** notice 189 - 2019-12-19.pdf

Interested Parties:

Attached is a copy of our most recent notice of applications received, permits in public comment and permitting actions taken. Comments on permits we intend to issue are due on or before 22 January, 2020.

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

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**From:** Truchan, JoAnn  
**Sent:** Thursday, December 19, 2019 10:56 AM  
**To:** Parker, Michael; Graham, Jayme  
**Cc:** Brubach, Bill; Ezzeddine, Alan; Joyce, Kim; Dettlinger, Carl  
**Subject:** RE: Air Permit Notice No. 189

Sorry, that should be January 22, 2020. The dangers of using a template.

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**From:** Truchan, JoAnn  
**Sent:** Thursday, December 19, 2019 10:53 AM  
**To:** Parker, Michael <Michael.Parker@AlleghenyCounty.US>; Graham, Jayme <Jayme.Graham@AlleghenyCounty.US>  
**Cc:** Brubach, Bill <Bill.Brubach@AlleghenyCounty.US>; Ezzeddine, Alan <Alan.Ezzeddine@AlleghenyCounty.US>; Joyce, Kim <Kim.Joyce@AlleghenyCounty.US>; Dettlinger, Carl <Carl.Dettlinger@AlleghenyCounty.US>  
**Subject:** Air Permit Notice No. 189

Attached is the most recent notice of air permits in public comment through ~~November 28, 2016~~.

Alan,  
Please charge 100% of the cost to the Title V Account.

Bill,  
Please post this notice on the Air Quality website under Public Comment Notices and entitle it "Permits in Public Comment Through January 22, 2020". The previous notice is still in effect. I will send the permits to post in a separate email. I will also send you and Ryan Scarpino a separate email for the Facebook notice.

Thank you. If you have any questions, feel free to contact me (x7981).  
--JoAnn



JoAnn Truchan, MPM, PE  
Section Chief, Engineering  
Air Quality Program  
301 39th Street, Building #7  
Pittsburgh, PA 15201-1811  
412.578.7981  
fax: 412.578.8144

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

No. \_\_\_\_\_ Term, \_\_\_\_\_

## Proof of Publication of Notice in Pittsburgh Post-Gazette

Under Act No 587, Approved May 16, 1929, PL 1784, as last amended by Act No 409 of September 29, 1951

Commonwealth of Pennsylvania, County of Allegheny, ss K. Flaherty, being duly sworn, deposes and says that the Pittsburgh Post-Gazette, a newspaper of general circulation published in the City of Pittsburgh, County and Commonwealth aforesaid, was established in 1993 by the merging of the Pittsburgh Post-Gazette and Sun-Telegraph and The Pittsburgh Press and the Pittsburgh Post-Gazette and Sun-Telegraph was established in 1960 and the Pittsburgh Post-Gazette was established in 1927 by the merging of the Pittsburgh Gazette established in 1786 and the Pittsburgh Post, established in 1842, since which date the said Pittsburgh Post-Gazette has been regularly issued in said County and that a copy of said printed notice or publication is attached hereto exactly as the same was printed and published in the regular editions and issues of the said Pittsburgh Post-Gazette a newspaper of general circulation on the following dates, viz:

19 of December, 2019

Affiant further deposes that he/she is an agent for the PG Publishing Company, a corporation and publisher of the Pittsburgh Post-Gazette, that, as such agent, affiant is duly authorized to verify the foregoing statement under oath, that affiant is not interested in the subject matter of the afore said notice or publication, and that all allegations in the foregoing statement as to time, place and character of publication are true.

### COPY OF NOTICE OR PUBLICATION



PG PUBLISHING  
hereby acknowledges  
been fully paid.

Office  
2201 Sweeney Drive  
CLINTON, PA 15025  
Phone 412-263-1111

I hereby certify that the  
said notice.

The proposed SIP revision does not adopt any new regulations. It incorporates the provisions and requirements contained in the amended RACT II approval for the facility, which are intended to satisfy the requirements of the 1997 National Ambient Air Quality Standard (NAAQS) and the 2008 NAAQS for ozone. A full summary of the proposed amendments to the RACT II determination that will be submitted to the EPA as a SIP revision, as well as copies of the draft permits and technical support documents can be found on the ACHD website: https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment/Notices.aspx. Copies of the draft permits, technical support documents, application, ACHD's analysis, and all pertinent documents are attached to this notice.

Elizabeth R. Chmura  
PG Publishing Company  
Sworn to and subscribed before me this day of:  
December 19, 2019

Commonwealth of Pennsylvania - Notary Seal  
Elizabeth R. Chmura, Notary Public  
Allegheny County  
My commission expires February 8, 2022  
Commission number 1326781  
Member, Pennsylvania Association of Notaries

STATEMENT OF ADVERTISING COSTS  
ALCTY Health Dept.  
542 4th Ave.  
Pittsburgh, PA 15219

To PG Publishing Company

Total ----- \$205.80

### Publisher's Receipt for Advertising Costs

I, the undersigned, Publisher of the Pittsburgh Post-Gazette, a newspaper of general circulation, aforesaid advertising and publication costs and certifies that the same have

PG Publishing Company, a Corporation, Publisher of  
Pittsburgh Post-Gazette, a Newspaper of General Circulation

By \_\_\_\_\_

I Proof of Publication and receipt for the Advertising costs in the subject matter of

Attorney For

# Pittsburgh Post-Gazette

Client:	
ALLEGHENY CO HEALTH DEPT-LEGAL	
Account #	626 Ad #
Phone:	412-350-4830
Fax:	
Address:	542 4TH AVENUE PITTSBURGH, PA 15219
Sales Rep.:	
LEGAL ADS	
Phone:	
Fax:	
Email:	
Entry date:	12/13/2019 2:17 PM
Class.:	Legals
Requested By:	
Start Date:	12/19/2019
End Date:	12/19/2019
Nb. of Inserts:	1
Dimensions:	1.21 x 19.63 in x 1 col.
Publications:	Pittsburgh Post Gazette

As a result of the continued growth of the U.S. economy, the demand for the services of the American Society of Professional Engineers (ASPE) is increasing. The Society is currently seeking qualified individuals to join its ranks. The Society is a non-profit organization that provides a variety of services to its members, including the development of standards and codes of ethics, the provision of continuing education, and the representation of its members in legislative and regulatory matters. The Society is currently seeking individuals who are interested in the field of engineering and who are willing to contribute to the advancement of the profession. The Society is currently seeking individuals who are interested in the field of engineering and who are willing to contribute to the advancement of the profession. The Society is currently seeking individuals who are interested in the field of engineering and who are willing to contribute to the advancement of the profession.

Total Price:	\$ 205.80
Paid Amount:	\$ 0.00
Balance:	\$ 852.60

# **Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS**

## **Certificate of Hearing**

### **Revision 84C**

Amendment to Allegheny County's Portion of the  
Pennsylvania State Implementation Plan for the  
*8-Hour Ozone National Ambient Air Quality Standard* –

Certification that Case-by-Case RACT Determinations and/or Averaging Plans and  
Enforceable RACT Measures in Submitted Permits  
have been submitted as required by the EPA RACT II Conditional Approval

#### Certification of Hearing associated with Public Hearing Notice 189

JoAnn Truchan deposes and says that she is the Manager of the Permitting Section of the Air Quality Program of the Allegheny County Health Department and hereby certifies that a Public Hearing was held on January 22, 2020 on the proposed amendment to Allegheny County's portion of the PA SIP demonstrating that the case-by-case RACT determinations and/or averaging plans and the enforceable RACT measures in the related permits for the 1997/2008 8-Hr Ozone NAAQS have been submitted for:

Universal Stainless and Alloy Products, Inc.;  
PPG Industries, Inc. Springdale Plant; and  
Bellefield Boiler Plant;

that the opportunity for written comments was given in accordance with the requirements of 40 CFR 51.102; that notice of such hearing was given by publication in a newspaper of general circulation on December 19, 2020; and to the best of her knowledge, belief and understanding, such proceedings were in full compliance with all applicable State and Federal laws, regulations, and other requirements.



Digitally signed by JoAnn  
Truchan, PE  
Date: 2020.04.03 11:09:46 -04'00'

---

JoAnn Truchan, PE  
Section Chief, Engineering  
Air Quality Program  
Allegheny County Health Department

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

Public Hearing Statement

**PUBLIC HEARING ON THE PROPOSED REVISION TO THE STATE  
IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN & VOLATILE ORGANIC  
COMPOUNDS AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION &  
MAJOR (TITLE V) OPERATING PERMITS**

Wednesday, January 22, 2020 - 6:00 PM  
Allegheny County Health Department, 301 39<sup>th</sup> Street, Pittsburgh, PA 15201-1891

Good evening. My name is JoAnn Truchan. I am the Section Chief of Permitting in the Air Quality Program for the Allegheny County Health Department, and I will be chairing this hearing. Public notice of this hearing appeared in the *Pittsburgh Post-Gazette* on December 19, 2019.

We are here to receive testimony on proposed amendments to the 2008 Ozone RACT (RACT II) determination that will be submitted to the EPA as a State Implementation Plan (SIP) revision for the following permits:

- Universal Stainless and Alloy Products, Inc. (0027-OP17a)
- PPG Industries, Inc. – Springdale Plant (0057-OP18a)
- PPG Industries, Inc. – Springdale Plant (0057-I005c)
- Bellefield Boiler Plant (0047-I003)

Comments are only being accepted on the SIP conditions pertaining to RACT II.

At this time, I will be happy to answer any general questions about today's proceedings before we begin to take public testimony. Are there any questions of a general nature?

Are there any registered speakers present? *NO SPEAKERS PRESENT*

Hearing was adjourned at *pm. 6:20pm*



**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**D.2 Documentation associated with Public Hearing (Notice 190) for:**

- **Cheswick Generating Station (0054-I005)**
- **Brunot Island Generating Station (0056-I002)**
- **Neville Chemical Company (0060-OP15c)**
- **ATI Flat Rolled Products Holdings, LLC (0059-I009)**

Public hearing notice

Transmittals of hearing notice to EPA & PA DEP, local governments,  
interested parties and webmaster

Proof of publication of notice of hearing

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

NOTICE 190

01/09/20

## ALLEGHENY COUNTY HEALTH DEPARTMENT

### NOTICE OF PROPOSED REVISION TO THE STATE IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN, VOLATILE ORGANIC COMPOUNDS (RACT II) AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION & MAJOR (TITLE V) OPERATING PERMITS

In accordance with Article XXI §2102.05.c and §2103.21.c, the Allegheny County Health Department is proposing to modify and issue permits for the following major source facilities and to revise the State Implementation Plan (SIP) for nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC) Reasonably Available Control Technology (RACT II). The proposed RACT II determinations, if finally approved, will be incorporated into each facility's respective permit, and a revised Title V operating permit will be issued. The relevant RACT II requirements will be submitted to the U.S. Environmental Protection Agency for the conditions to become part of the Pennsylvania State Implementation Plan (SIP) and will remain in effect until replaced pursuant to 40 CFR 51 and approval by the EPA. Requirements that are not part of the RACT II determination will be excluded from the SIP submittal.

The proposed SIP revision does not adopt any new regulations. It incorporates the provisions and requirements contained in the amended RACT II approval for the facility, which are intended to satisfy the requirements of the 1997 National Ambient Air Quality Standard (NAAQS) and the 2008 NAAQS for ozone. The following is a summary of the proposed amendments to the RACT II determination that will be submitted to the EPA as a SIP revision:

**CHESWICK GENERATING STATION (0054-I005)**, Pittsburgh & Porter Streets, Springdale, PA 15144, for an electric generating facility. The plant is composed of one main coal-fired boiler rated at a maximum of 6,000 MMBTU/hr exhausting to one stack, controlled with low-NO<sub>x</sub> burners with separated overfire air, electrostatic precipitation with flue gas conditioning, selective catalytic reduction, and Flue Gas Desulfurization. The plant also has a No. 2 oil-fired auxiliary boiler, two diesel air compressors, four ammonia storage tanks, a water cooling tower, a no. 2 fuel oil storage tank, coal handling and storage, and limestone handling and storage. The facility is a major source of nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOCs) and therefore subject to Reasonable Available Control Technology (RACT). In addition to the case-by-case RACT determinations listed in the table below, the emission sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

Source	RACT II Requirement
Main Boiler No. 1	NO <sub>x</sub> - The Permittee has elected to enter into a system-wide NO <sub>x</sub> emissions averaging plan with the Brunot Island Generating Station, as per 25 PA Code §129.98. The following Sources are included in a NO <sub>x</sub> Averaging Plan: Cheswick Main Boiler No. 1, Cheswick Auxiliary Boiler, Brunot Island Combustion Turbines 2A, 2B and 3, and Brunot Island Combustion Turbine 1A unless or until ownership or operation is separated or until an application to terminate the plan and modify the respective permits is received by the Department.
Auxiliary Boiler	

**BRUNOT ISLAND GENERATING STATION (0056-I002)**, Brunot Island, Pittsburgh, PA, for an electric generation facility. The facility operates one No.2 fuel oil-fired, simple cycle combustion turbine rated at 300 MMBtu/hr, and three natural gas-fired, combined cycle combustion turbines with a heat recovery steam generator (HRSG) rated at 918 MMBtu/hr each. Also located at the facility are a multi-cell cooling tower a diesel starter engine and diesel fire pump. The facility is a major source of nitrogen oxides (NO<sub>x</sub>) and therefore subject to Reasonable Available Control Technology (RACT). In addition to the case-by-case RACT determinations listed below, the emission Sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

Source	RACT II Requirement
Combustion Turbine 1A	NO <sub>x</sub> - The Permittee has elected to enter into a system-wide NO <sub>x</sub> emissions averaging plan with the Brunot Island Generating Station, as per 25 PA Code §129.98. The following Sources are included in a NO <sub>x</sub> Averaging Plan: Cheswick Main Boiler No. 1, Cheswick Auxiliary Boiler, Brunot Island Combustion Turbines 2A, 2B and 3, and Brunot Island Combustion Turbine 1A unless or until ownership or operation is separated or until an application to terminate the plan and modify the respective permits is received by the Department.
Combustion Turbine 2A	
Combustion Turbine 2B	
Combustion Turbine 3	

**NEVILLE CHEMICAL COMPANY (0060-OP15c)**, 2800 Neville Road, Neville Township, PA, for the manufacture of synthetic hydrocarbon resins, plasticizers, and plasticizing oils. The facility also operates a groundwater remediation system and wastewater treatment system. Also located at the facility are three resin flaking and packaging centers, and two (49.4 MMBtu/hr and 29.5 MMBtu/hr) natural gas-fired boilers. The facility is a major source of volatile organic compounds (VOCs) and therefore subject to Reasonable Available Control Technology (RACT). In addition to the case-by-case RACT determinations listed below, the emission Sources at this facility are

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**NOTICE 190**

**01/09/20**

required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

Source	RACT II Requirement
Unit 21 Aqueous Treaters (P007)	VOC – proper operation & maintenance; good engineering practice
No. 4 Still (P009)	VOC – proper operation & maintenance; good engineering practice
No. 2 Packaging Center – Kettles and Belt (P011)	VOC – proper operation & maintenance; good engineering practice
No. 3 Packaging Center – Kettles and Belt (P012)	VOC – proper operation & maintenance; good engineering practice
No. 5 Packaging Center – Kettles and Belt (P013)	VOC – proper operation & maintenance; good engineering practice
Wastewater Conveyance & Treatment (P014)	VOC – proper operation & maintenance; good engineering practice
Resin Rework Tanks (P015)	VOC – proper operation & maintenance; good engineering practice
Storage Tanks (D001-D012)	VOC – compliance with Article XXI, §2105.12
Tank Cleaning & Painting	VOC – proper operation & maintenance; good engineering practice
Fugitive Emissions	VOC – LDAR
Unit 20 (P006 – alternative operating scenario)	VOC – proper operation & maintenance; good engineering practice
Unit 21 (P007 – alternative operating scenario)	VOC – proper operation & maintenance; good engineering practice

**ATI FLAT ROLLED PRODUCTS HOLDINGS, LLC (0059-I009)**, 100 River Road, Brackenridge, PA 15014-1597, for the production of stainless steel products from scrap and other additives. The facility comprises two electric arc furnaces, an argon/oxygen decarburization vessel, a continuous caster, rolling mills, acid treatment facilities various heating furnaces and other smaller sources. This installation permit is to consolidate the conditions for case-by-case RACT requirements. In addition to the case-by-case RACT determinations listed below, the emission Sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

Source	RACT II Requirement
Electric Arc Furnace F1 (P001)	NO <sub>x</sub> & VOC – proper operation & maintenance; good engineering practice
Electric Arc Furnace F2 (P001)	NO <sub>x</sub> & VOC – proper operation & maintenance; good engineering practice
Argon-Oxygen Decarburization (P002)	NO <sub>x</sub> & VOC – proper operation & maintenance; good engineering practice
No. 2 Pickling Line (P008)	NO <sub>x</sub> – proper operation & maintenance; good engineering practice
Lewis Temper Mill (P008)	VOC – proper operation & maintenance; good engineering practice
Miscellaneous Paints (P011)	VOC – proper operation & maintenance; good engineering practice

Copies of the draft permits, technical support documents, application, ACHD's analysis, and all pertinent documents used in the evaluation of the application are open for public inspection at Building 7 of the Clack Health Center, 301 39th Street, Pittsburgh, PA 15201-1811. Written comments regarding the draft permits must be received by the Department at the above address or by e-mail at [aqpermits@alleghenycounty.us](mailto:aqpermits@alleghenycounty.us) on or before Tuesday, February 11, 2020. A public hearing will be held regarding the proposed issuance of these permits on February 11, 2020 at 6 PM in the first-floor conference room of Building 7 of the Clack Health Center. Oral testimony must be scheduled by calling Ms. Karen Sagel at 412-578-8115 no later than 4 PM Monday, February 10, 2020. Written copies of comments should be submitted at the time of testimony. Comments to previously issued permits that are being modified will be accepted on the SIP conditions pertaining to RACT II only. Each submission must contain the name, address and telephone number of the person submitting the comments, identification of the proposed Operating Permit including the permit number and a concise statement regarding the relevancy of the information or objections to issuance.

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

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**From:** Dettlinger, Carl  
**Sent:** Thursday, January 9, 2020 1:33 PM  
**To:** Amy Johansen; Angela Marconi; Bob Hodanbosi; Cynthia Stahl; Danny Wong; DEP; Ed Wiener; Etzel, Sandra; Joanna French; Kassahun Sellassie; Krishnan Ramamurthy; MaryCate Opila; Michael Cronin; Paul Wentworth; Steve Hepler; Suna Sariscak; Tamera Thompson; Truchan, JoAnn  
**Subject:** Notification - Air Quality Permits  
**Attachments:** notice 190-2020-01-09ract.pdf

Dear State/EPA Permit Contact:

Attached is a copy of our most recent notice of applications received, permits in public comment and permitting actions taken. Comments on permits we intend to issue are due on or before 11 February, 2020.

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

---

**From:** Dettlinger, Carl  
**Sent:** Thursday, January 9, 2020 1:33 PM  
**To:** springdaleboro@hotmail.com; sptwp@verizon.net; City\_Controller@pittsburghpa.gov; nevilletownship@aol.com; fapayne@comcast.net; fawntwp@comcast.net; emcrates@aol.com; eastdeermanager@outlook.com  
**Subject:** Air Quality Permit Notification  
**Attachments:** notice 190-2020-01-09ract.pdf

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

Sources of air pollution in Allegheny County are required to obtain air quality permits for the operation of existing air pollution sources and for the installation of new air pollution sources or new air pollution control equipment. The Allegheny County Health Department (ACHD) issues these permits and is providing notice that a complete Installation Permit Application or Operating Permit Application has been received for one or more facilities which may be located in your municipality or a neighboring municipality.

The following information provides notification to municipalities of our intent to issue or modify an air quality permit. Once our intent to issue the permit is advertised, there is a 30-day public comment period. During this period, the permit and related documents will be available for public review and we will welcome comments from all interested parties.

**Comments must be received by the ACHD on or before 11 February, 2020.**

We are providing this notice to you for your information. No action on your part is required. However, should you or any resident of the municipality wish to comment on a permit please email your comments to [AQPermits@alleghenycounty.us](mailto:AQPermits@alleghenycounty.us) or mail them to Ms. JoAnn Truchan, Chief Engineer, Allegheny County Health Department, Air Quality Program, 301 39th Street - Building #7, Pittsburgh, PA 15201-1811.



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

---

**From:** Dettlinger, Carl  
**Sent:** Thursday, January 9, 2020 1:33 PM  
**To:** Adam Kron (akron@environmentalintegrity.org); Al & Donna Frederick; Amber M. Isaac; Andrea Lavin Kossis; Angelo Taranto; Ben Blasingame; Bill Kirk; Bob Kristof; Cassi Steenblok; Chris Ahlers; Cole Leja-Lea; Cynthia Adams; Dave Breingan; Debra Smit; Erica Peiffer; Etzel, Sandra; Fran Harkins; Heather Hurst; Jill DeBernardin; Joe Minott; John Baillie; Kerry Weichsel; Kevin Acklin; Kris Macoskey; Leah Blinn; Lindsay Fraser; Lisa Graves Marcucci; Lisa Hallowell; Logan Welde; Louise Heinle; Mark McClellan; Mary Jane Zdila; Mike Pring; Myron Arnowitt; Ned Mulcahy; Paul Alessio; Peri Unligil; Rachel Martin; Randy Francisco; Rebecca Johnson; Rosann Imm; S. Johnson; Stanley & Toni Zembrowski; Stephanie Tsao; Steven Hvozdoch; Sue Seppi; Sue Vertosick; Taro Matsuno; Tom Schuster; Truchan, JoAnn; Walter Goldburg  
**Subject:** Notification - Air Quality Permits  
**Attachments:** notice 190-2020-01-09ract.pdf

Interested Parties:

Attached is a copy of our most recent notice of applications received, permits in public comment and permitting actions taken. Comments on permits we intend to issue are due on or before 11 February, 2020.

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

No. \_\_\_\_\_ Term, \_\_\_\_\_

## Proof of Publication of Notice in Pittsburgh Post-Gazette

Under Act No 587, Approved May 16, 1929, PL 1784, as last amended by Act No 409 of September 29, 1951

Commonwealth of Pennsylvania, County of Allegheny, ss K. Flaherty, being duly sworn, deposes and says that the Pittsburgh Post-Gazette, a newspaper of general circulation published in the City of Pittsburgh, County and Commonwealth aforesaid, was established in 1993 by the merging of the Pittsburgh Post-Gazette and Sun-Telegraph and The Pittsburgh Press and the Pittsburgh Post-Gazette and Sun-Telegraph was established in 1960 and the Pittsburgh Post-Gazette was established in 1927 by the merging of the Pittsburgh Gazette established in 1786 and the Pittsburgh Post, established in 1842, since which date the said Pittsburgh Post-Gazette has been regularly issued in said County and that a copy of said printed notice or publication is attached hereto exactly as the same was printed and published in the regular editions and issues of the said Pittsburgh Post-Gazette a newspaper of general circulation on the following dates, viz:

09 of January, 2020

Affiant further deposes that he/she is an agent for the PG Publishing Company, a corporation and publisher of the Pittsburgh Post-Gazette, that, as such agent, affiant is duly authorized to verify the foregoing statement under oath, that affiant is not interested in the subject matter of the afore said notice or publication, and that all allegations in the foregoing statement as to time, place and character of publication are true.

### COPY OF NOTICE OR PUBLICATION

ALLEGHENY COUNTY  
HEALTH DEPARTMENT  
NOTICE OF PROPOSED  
REVISION TO THE STATE  
IMPLEMENTATION PLAN  
FOR OXIDES OF  
NITROGEN, VOLATILE  
ORGANIC COMPOUNDS  
(RACT II) AND NOTICE OF  
INTENT TO ISSUE  
REVISED INSTALLATION &  
MAJOR (TITLE V)  
OPERATING PERMITS

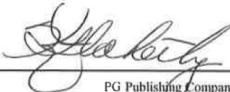

In accordance with Article xxi §2102.05.c and §2103.21.c, the Allegheny County Health Department is proposing to modify and issue permits for the following major source facilities and to revise the State Implementation Plan (SIP) for nitrogen oxides (NOx) and volatile organic compounds (VOC) Reasonably Available Control Technology (RACT II). The proposed RACT II determinations, if finally approved, will be incorporated into each facility's respective permit, and a revised Title V operating permit will be issued. The relevant RACT II requirements will be submitted to the U.S. Environmental Protection Agency for the conditions to become part of the Pennsylvania State Implementation Plan (SIP) and will remain in effect until replaced pursuant to 40 CFR 51 and approval by the EPA. Requirements that are not part of the RACT II determination will be excluded from the SIP submittal.

The proposed SIP revision does not adopt any new regulations. It incorporates the provisions and requirements contained in the amended RACT II approval for the facility, which are intended to satisfy the requirements of the 1997 National Ambient Air Quality Standard (NAAQS) and the 2008 NAAQS for ozone. A full summary of the proposed amendments to the RACT II determination that will be submitted to the EPA as a SIP revision, as well as copies of the draft permits and technical support documents can be found on the ACHD website: <https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>. Copies of the draft permits, technical support documents, application, ACHD's analysis, and all pertinent documents used in the evaluation of the

PG PUBLISHER  
hereby acknowledge  
been fully paid

Office  
2201 Sweeney  
CLINTON, PA  
Phone 412-2

I hereby certify that  
said notice.

  
PG Publishing Company  
Sworn to and subscribed before me this day of:  
January 13, 2020  


Commonwealth of Pennsylvania - Notary Seal  
Elizabeth R. Chmura, Notary Public  
Allegheny County  
My commission expires February 8, 2022  
Commission number 1326781  
Member, Pennsylvania Association of Notaries

STATEMENT OF ADVERTISING COSTS  
ALCTY Health Dept.  
542 4th Avenue  
Pittsburgh, PA 15219

To PG Publishing Company

Total ----- \$248.85

### Publisher's Receipt for Advertising Costs

, publisher of the Pittsburgh Post-Gazette, a newspaper of general circulation, the aforesaid advertising and publication costs and certifies that the same have

PG Publishing Company, a Corporation, Publisher of  
Pittsburgh Post-Gazette, a Newspaper of General Circulation

By \_\_\_\_\_

Original Proof of Publication and receipt for the Advertising costs in the subject matter of

Attorney For

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

## Certificate of Hearing

Revision 84C

Amendment to Allegheny County's Portion of the  
Pennsylvania State Implementation Plan for the  
*8-Hour Ozone National Ambient Air Quality Standard* –

Certification that Case-by-Case RACT Determinations and/or Averaging Plans  
and Enforceable RACT Measures in Submitted Permits  
have been submitted as required by the EPA RACT II Conditional Approval

### Certification of Hearing associated with Public Hearing Notice 190

JoAnn Truchan deposes and says that she is the Manager of the Permitting Section of the Air Quality Program of the Allegheny County Health Department and hereby certifies that a Public Hearing was held on February 11, 2020 on the proposed amendment to Allegheny County's portion of the PA SIP demonstrating that the case-by-case RACT determinations and/or averaging plans and the enforceable RACT measures in the related permits for the 1997/2008 8-Hr Ozone NAAQS have been submitted for:

Cheswick Generating Station;  
Brunot Island Generating Station;  
Neville Chemical; and  
ATI Flat Rolled Products Holdings, LLC

that the opportunity for written comments was given in accordance with the requirements of 40 CFR 51.102; that notice of such hearing was given by publication in a newspaper of general circulation on January 9, 2020; and to the best of her knowledge, belief and understanding, such proceedings were in full compliance with all applicable State and Federal laws, regulations, and other requirements.



Digitally signed by JoAnn  
Truchan, PE  
Date: 2020.04.03 11:47:34 -04'00'

JoAnn Truchan, PE  
Section Chief, Engineering  
Air Quality Program  
Allegheny County Health Department

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

Public Hearing Statement

**PUBLIC HEARING ON THE PROPOSED REVISION TO THE STATE  
IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN & VOLATILE ORGANIC  
COMPOUNDS AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION &  
MAJOR (TITLE V) OPERATING PERMITS**

Wednesday, February 11, 2020 - 6:00 PM  
Allegheny County Health Department, 301 39<sup>th</sup> Street, Pittsburgh, PA 15201-1891

Good evening. My name is JoAnn Truchan. I am the Section Chief of Permitting in the Air Quality Program for the Allegheny County Health Department, and I will be chairing this hearing. Public notice of this hearing appeared in the *Pittsburgh Post-Gazette* on January 9, 2020.

We are here to receive testimony on proposed amendments to the 2008 Ozone RACT (RACT II) determination that will be submitted to the EPA as a State Implementation Plan (SIP) revision for the following permits:

- Cheswick Generating Station (0054-I005)
- Brunot Island Generating Station (0056-I002)
- Neville Chemical Company (0060-OP15c)
- ATI Flat Rolled Products (0059-I009)

Comments are only being accepted on the SIP conditions pertaining to RACT II.

At this time, I will be happy to answer any general questions about today's proceedings before we begin to take public testimony. Are there any questions of a general nature?

Are there any registered speakers present? *No Speakers present*

Hearing was adjourned at *6:20* pm.



**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**D.3 Documentation associated with Public Hearing (Notice 191) for:**

- **Energy Center Pittsburgh, LLC – North Shore Plant (0022-I003)**
- **U.S. Steel Edgar Thomson Plant (0051-I008)**
- **United States Steel Corporation, Irvin Plant (0050—OP16b)**

Public hearing notice

Transmittals of hearing notice to EPA & PA DEP, local governments,  
interested parties and webmaster

Proof of publication of notice of hearing

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

NOTICE 191

01/23/20

## ALLEGHENY COUNTY HEALTH DEPARTMENT

### NOTICE OF PROPOSED REVISION TO THE STATE IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN, VOLATILE ORGANIC COMPOUNDS (RACT II) AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION & MAJOR (TITLE V) OPERATING PERMITS

In accordance with Article XXI §2102.05.c and §2103.21.c, the Allegheny County Health Department is proposing to modify and issue permits for the following major source facilities and to revise the State Implementation Plan (SIP) for nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC) Reasonably Available Control Technology (RACT II). The proposed RACT II determinations, if finally approved, will be incorporated into each facility's respective permit, and a revised Title V operating permit will be issued. The relevant RACT II requirements will be submitted to the U.S. Environmental Protection Agency for the conditions to become part of the Pennsylvania State Implementation Plan (SIP) and will remain in effect until replaced pursuant to 40 CFR 51 and approval by the EPA. Requirements that are not part of the RACT II determination will be excluded from the SIP submittal.

The proposed SIP revision does not adopt any new regulations. It incorporates the provisions and requirements contained in the amended RACT II approval for the facility, which are intended to satisfy the requirements of the 1997 National Ambient Air Quality Standard (NAAQS) and the 2008 NAAQS for ozone. The following is a summary of the proposed amendments to the RACT II determination that will be submitted to the EPA as a SIP revision:

**ENERGY CENTER PITTSBURGH, LLC – NORTH SHORE PLANT (0022-I003)**, 111 South Commons Avenue, Pittsburgh, PA 15212, for the renewal of the Title V operating permit. The facility is a commercial direct heating and cooling plant that supplies steam and chilled water to commercial and institutional business for heating and cooling. The facility consists of five boilers, two fuel oil emergency generators, one natural gas emergency generator, three cooling towers, and three above ground No. 2 fuel oil storage tanks. The facility is a major source of nitrogen oxides (NO<sub>x</sub>) and therefore subject to Reasonable Available Control Technology (RACT). In addition to the case-by-case RACT determinations listed in the table below, the emission sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

Source	RACT II Requirement
Forced draft, water tube boiler (B001)	NO <sub>x</sub> – fuel and operational restrictions
Forced draft, water tube boiler (B002)	NO <sub>x</sub> – fuel and operational restrictions
Forced draft, water tube boiler (B003)	NO <sub>x</sub> – fuel and operational restrictions

**U. S. STEEL EDGAR THOMSON WORKS (0051-OP16b)**, 13<sup>th</sup> Street and Braddock Avenue, Braddock, PA 15104 for the operation of iron and steel plant consisting of two blast furnaces and casthouses, two furnace stoves, blast furnace gas flare, basic oxygen process (BOP) shop, vacuum degasser, seven cooling towers and three boilers firing coke oven gas, blast furnace gas, and natural gas. The facility is a major source of nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC) and therefore subject to Reasonable Available Control Technology (RACT). In addition to the case-by-case RACT determinations listed below, the emission Sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

Source	RACT II Requirement
Blast Furnace No. 1 Casthouse (P001a)	NO <sub>x</sub> & VOC – proper operation & maintenance; good engineering practice
Blast Furnace Stove 1 (P001b)	NO <sub>x</sub> – reduced emission rate of 0.03 lb/MMBtu
Blast Furnace No. 3 Casthouse (P002a)	NO <sub>x</sub> & VOC – proper operation & maintenance; good engineering practice
Blast Furnace Stove 3 (P002b)	NO <sub>x</sub> – reduced emission rate of 0.03 lb/MMBtu
Blast Furnace Gas Flare (P001c)	NO <sub>x</sub> & VOC – proper operation & maintenance; good engineering practice
BOP Steelmaking Vessels F and R (P003)	NO <sub>x</sub> & VOC – proper operation & maintenance; good engineering practice
Riley Boiler No. 1 (B001)	NO <sub>x</sub> – CEMs monitoring; reduced NO <sub>x</sub> limit of 0.05 lb/MMBtu
Riley Boiler No. 2 (B002)	NO <sub>x</sub> – CEMs monitoring; reduced NO <sub>x</sub> limit of 0.05 lb/MMBtu
Riley Boiler No. 3 (B003)	NO <sub>x</sub> – CEMs monitoring; reduced NO <sub>x</sub> limit of 0.05 lb/MMBtu

**UNITED STATES STEEL CORPORATION, IRVIN PLANT (0050-OP16b)**, Camp Hollow Road, West Mifflin, PA 15122 for the operation of secondary steel processes, which include hot and cold rolling, continuous pickling, annealing, and galvanizing, a hot strip mill, two continuous hydrochloric acid pickle lines, a cold reduction mill, HPH annealing furnaces, open coil annealing furnaces, a continuous annealing furnace, continuous galvanizing line no. 1, continuous galvanizing and aluminum coating line no. 2, a continuous terne line,

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

### NOTICE 191

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four coke oven gas flares, and four natural gas/coke oven gas fired boilers. The facility is a major source of (NO<sub>x</sub>) and volatile organic compounds (VOC) and therefore subject to Reasonable Available Control Technology (RACT). In addition to the case-by-case RACT determinations listed below, the emission Sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

Source	RACT II Requirement
80-inch Hot Strip Mill – 5 rehear furnaces (P001)	NO <sub>x</sub> – combustion optimization
Cold Reduction Mill (P008)	VOC - mist eliminator
Coke Oven Gas Flares (P015)	NO <sub>x</sub> - combustion optimization & flare minimization plan
Boiler 1 (B001)	NO <sub>x</sub> – combustion optimization
Boiler 2 (P002)	NO <sub>x</sub> – combustion optimization
Solvents Parts Cleaning (F002)	VOC – compliance with §2105.15

Copies of the draft permits, technical support documents, application, ACHD's analysis, and all pertinent documents used in the evaluation of the application are open for public inspection at Building 7 of the Clack Health Center, 301 39th Street, Pittsburgh, PA 15201-1811. Written comments regarding the draft permits must be received by the Department at the above address or by e-mail at [agpermits@alleghenycounty.us](mailto:agpermits@alleghenycounty.us) on or before Tuesday, February 25, 2020. A public hearing will be held regarding the proposed issuance of these permits on February 25, 2020 at 6 PM in the first-floor conference room of Building 7 of the Clack Health Center. Oral testimony must be scheduled by calling Ms. Karen Sagel at 412-578-8115 no later than 4 PM Monday, February 24, 2020. Written copies of comments should be submitted at the time of testimony. Comments to previously issued permits that are being modified will be accepted on the SIP conditions pertaining to RACT II only. Each submission must contain the name, address and telephone number of the person submitting the comments, identification of the proposed Operating Permit including the permit number and a concise statement regarding the relevancy of the information or objections to issuance.

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

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**From:** Dettlinger, Carl  
**Sent:** Thursday, January 23, 2020 12:56 PM  
**To:** Amy Johansen; Angela Marconi; Bob Hodanbosi; Cynthia Stahl; Danny Wong; DEP; Ed Wiener; Etzel, Sandra; Joanna French; Kassahun Sellassie; Krishnan Ramamurthy; MaryCate Opila; Michael Cronin; Paul Wentworth; Steve Hepler; Suna Sariscak; Tamera Thompson; Truchan, JoAnn  
**Subject:** Notification - Air Quality Permits  
**Attachments:** notice 191-2020-01-23ract.pdf

Dear State/EPA Permit Contact:

Attached is a copy of our most recent notice of applications received, permits in public comment and permitting actions taken. Comments on permits we intend to issue are due on or before 25 February, 2020.

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

## Dettlinger, Carl

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**From:** Dettlinger, Carl  
**Sent:** Thursday, January 23, 2020 12:55 PM  
**To:** braddockborough@comcast.net; braddockmanager@comcast.net; bradhillsboro@comcast.net; City\_Controller@pittsburghpa.gov; Brian Kamauf  
**Subject:** Air Quality Permit Notification  
**Attachments:** notice 191-2020-01-23ract.pdf

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

Sources of air pollution in Allegheny County are required to obtain air quality permits for the operation of existing air pollution sources and for the installation of new air pollution sources or new air pollution control equipment. The Allegheny County Health Department (ACHD) issues these permits and is providing notice that a complete Installation Permit Application or Operating Permit Application has been received for one or more facilities which may be located in your municipality or a neighboring municipality.

The following information provides notification to municipalities of our intent to issue or modify an air quality permit. Once our intent to issue the permit is advertised, there is a 30-day public comment period. During this period, the permit and related documents will be available for public review and we will welcome comments from all interested parties. **Comments must be received by the ACHD on or before 25 February, 2020.**

We are providing this notice to you for your information. No action on your part is required. However, should you or any resident of the municipality wish to comment on a permit please email your comments to [AQPermits@alleghenycounty.us](mailto:AQPermits@alleghenycounty.us) or mail them to Ms. JoAnn Truchan, Chief Engineer, Allegheny County Health Department, Air Quality Program, 301 39th Street - Building #7, Pittsburgh, PA 15201-1811.



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

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**From:** Dettlinger, Carl  
**Sent:** Thursday, January 23, 2020 12:56 PM  
**To:** Adam Kron (akron@environmentalintegrity.org); Al & Donna Frederick; Amber M. Isaac; Andrea Lavin Kossis; Angelo Taranto; Barb Pace; Ben Blasingame; Bill Kirk; Bob Kristof; Cassi Steenblok; Chris Ahlers; Cole Leja-Lea; Cynthia Adams; Dave Breingan; Debra Smit; Erica Peiffer; Etzel, Sandra; Fran Harkins; Heather Hurst; Jill DeBernardin; Joe Minott; John Baillie; Kathleen Krebs; Kerry Weichsel; Kevin Acklin; Kris Macoskey; Leah Blinn; Lindsay Fraser; Lisa Graves Marcucci; Lisa Hallowell; Logan Welde; Louise Heinle; Mark McClellan; Mary Jane Zdila; Mike Pring; Myron Arnowitt; Ned Mulcahy; Paul Alessio; Peri Unligil; Rachel Cohen; Rachel Martin; Randy Francisco; Rebecca Johnson; Rosann Imm; S. Johnson; Stanley & Toni Zembrowski; Stephanie Tsao; Steven Hvozdochovich; Sue Seppi; Sue Vertosick; Taro Matsuno; Tom Schuster; Truchan, JoAnn; Walter Goldberg  
**Subject:** Notification - Air Quality Permits  
**Attachments:** notice 191-2020-01-23ract.pdf

Interested Parties:

Attached is a copy of our most recent notice of applications received, permits in public comment and permitting actions taken. Comments on permits we intend to issue are due on or before 25 February, 2020.

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

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**From:** Truchan, JoAnn  
**Sent:** Thursday, January 23, 2020 11:32 AM  
**To:** Parker, Michael; Graham, Jayme; Dettlinger, Carl  
**Cc:** Brubach, Bill; Ezzeddine, Alan; Milne, Aaron; Joyce, Kim  
**Subject:** Air Permit Notice 191  
**Attachments:** 0 - notice 191 - 2020-01-23.docx; 0 - notice 191 - 2020-01-23.pdf

Attached is the most recent notice of air permits in public comment through February 25, 2020.

Alan & Aaron,  
Please charge 100% of the cost to the Title V Account.

Bill,  
Please post this notice on the Air Quality website under Public Comment Notices and entitle it "Permits in Public Comment Through February 25, 2020". The notice and corresponding documents in public comment until January 22, 2020 may be removed; the rest are still in effect. I will send the permits to post in a separate email. I will also send you and Ryan Scarpino a separate email for the Facebook notice.

If you have any questions, please feel free to contact me.  
--JoAnn



JoAnn Truchan, MPM, PE  
Section Chief, Engineering  
Air Quality Program  
301 39th Street, Building #7  
Pittsburgh, PA 15201-1811  
412.578.7981  
fax: 412.578.8144

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

No. \_\_\_\_\_ Term, \_\_\_\_\_

## Proof of Publication of Notice in Pittsburgh Post-Gazette

Under Act No 587, Approved May 16, 1929, PL 1784, as last amended by Act No 409 of September 29, 1951

Commonwealth of Pennsylvania, County of Allegheny, ss D. Rullo, being duly sworn, deposes and says that the Pittsburgh Post-Gazette, a newspaper of general circulation published in the City of Pittsburgh, County and Commonwealth aforesaid, was established in 1993 by the merging of the Pittsburgh Post-Gazette and Sun-Telegraph and The Pittsburgh Press and the Pittsburgh Post-Gazette and Sun-Telegraph was established in 1960 and the Pittsburgh Post-Gazette was established in 1927 by the merging of the Pittsburgh Gazette established in 1786 and the Pittsburgh Post, established in 1842, since which date the said Pittsburgh Post-Gazette has been regularly issued in said County and that a copy of said printed notice or publication is attached hereto exactly as the same was printed and published in the regular editions and issues of the said Pittsburgh Post-Gazette a newspaper of general circulation on the following dates, viz:

23 of January, 2020

Affiant further deposes that he/she is an agent for the PG Publishing Company, a corporation and publisher of the Pittsburgh Post-Gazette, that, as such agent, affiant is duly authorized to verify the foregoing statement under oath, that affiant is not interested in the subject matter of the afore said notice or publication, and that all allegations in the foregoing statement as to time, place and character of publication are true.

### COPY OF NOTICE OR PUBLICATION

**ALLEGHENY COUNTY HEALTH DEPARTMENT  
NOTICE OF PROPOSED  
REVISION TO THE STATE  
IMPLEMENTATION PLAN  
FOR OXIDES OF NITROGEN,  
VOLATILE ORGANIC  
COMPOUNDS (RACT II) AND  
NOTICE OF INTENT TO  
ISSUE REVISED  
INSTALLATION & MAJOR  
(TITLE V) OPERATING  
PERMITS**

In accordance with Article XXII §2102.05(c) and §2103.21(c), the Allegheny County Health Department is proposing to modify and issue permits for the following major source facilities and to revise the State Implementation Plan (SIP) for nitrogen oxides (NOX) and volatile organic compounds (VOC). Reasonably Available Control Technology (RACT II). The proposed RACT II determinations, if finally approved, will be incorporated into each facility's respective permit, and a revised Title V operating permit will be issued. The relevant RACT II requirements will be submitted to the U.S. Environmental Protection Agency for the conditions to become part of the Pennsylvania State Implementation Plan (SIP) and will remain in effect until replaced pursuant to 40 CFR 51 and approval by the EPA. Requirements that are not part of the RACT II determination will be excluded from the SIP submittal.

The proposed SIP revision does not adopt any new regulations. It incorporates the provisions and requirements contained in the amended RACT II approval for the facility, which are intended to satisfy the requirements of the 1997 National Ambient Air Quality Standard (NAAQS) and the 2008 NAAQS for ozone. A full summary of the proposed amendments to the RACT II determination that will be submitted to the EPA as a SIP revision, as well as copies of the draft permits and technical support documents can be found on the ACHD website: <https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>. Copies of the draft permits, technical support documents, application, ACHD's analysis, and all pertinent documents used in the evaluation of the

  
PG Publishing Company

Sworn to and subscribed before me this day of:  
January 24, 2020



Commonwealth of Pennsylvania - Notary Seal  
Elizabeth R. Chmura, Notary Public  
Allegheny County  
My commission expires February 8, 2022  
Commission number 1326781  
Member, Pennsylvania Association of Notaries

### STATEMENT OF ADVERTISING COSTS

ALCTY Health Dept.  
542 4th Avenue  
Pittsburgh, PA 15219

To PG Publishing Company

Total ----- \$211.05

### Publisher's Receipt for Advertising Costs

PG PUB hereby a been full 2201 S CLINT Phone I hereby ce said notice: NY, publisher of the Pittsburgh Post-Gazette, a newspaper of general circulation, of the aforesaid advertising and publication costs and certifies that the same have

PG Publishing Company, a Corporation, Publisher of  
Pittsburgh Post-Gazette, a Newspaper of General Circulation

By \_\_\_\_\_

the original Proof of Publication and receipt for the Advertising costs in the subject matter of

Attorney For

# **Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS**

## **Certificate of Hearing**

Revision 84C

Amendment to Allegheny County's Portion of the  
Pennsylvania State Implementation Plan for the  
*8-Hour Ozone National Ambient Air Quality Standard* –

Certification that Case-by-Case RACT Determinations and/or Averaging Plans  
and Enforceable RACT Measures in Submitted Permits  
have been submitted as required by the EPA RACT II Conditional Approval

### Certification of Hearing associated with Public Hearing Notice 191

JoAnn Truchan deposes and says that she is the Manager of the Permitting Section of the Air Quality Program of the Allegheny County Health Department and hereby certifies that a Public Hearing was held on February 25, 2020 on the proposed amendment to Allegheny County's portion of the PA SIP demonstrating that the case-by-case RACT determinations and/or averaging plans and the enforceable RACT measures in the related permits for the 1997/2008 8-Hr Ozone NAAQS have been submitted for:

Energy Center Pittsburgh, LLC – North Shore Plant;  
United States Steel Corporation – Edgar Thomson Works; and  
United States Steel Corporation – Irvin Plant

that the opportunity for written comments was given in accordance with the requirements of 40 CFR 51.102; that notice of such hearing was given by publication in a newspaper of general circulation on January 23, 2020; and to the best of her knowledge, belief and understanding, such proceedings were in full compliance with all applicable State and Federal laws, regulations, and other requirements.



Digitally signed by JoAnn Truchan,  
PE  
Date: 2020.04.03 11:49:22 -04'00'

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JoAnn Truchan, PE  
Section Chief, Engineering  
Air Quality Program  
Allegheny County Health Department

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

Public Hearing Statement

**PUBLIC HEARING ON THE PROPOSED REVISION TO THE STATE  
IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN & VOLATILE ORGANIC  
COMPOUNDS AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION &  
MAJOR (TITLE V) OPERATING PERMITS**

Tuesday, February 25, 2020 - 6:00 PM  
Allegheny County Health Department, 301 39<sup>th</sup> Street, Pittsburgh, PA 15201-1891

Good evening. My name is JoAnn Truchan. I am the Section Chief of Permitting in the Air Quality Program for the Allegheny County Health Department, and I will be chairing this hearing. Public notice of this hearing appeared in the *Pittsburgh Post-Gazette* on January 23, 2020.

We are here to receive testimony on proposed amendments to the 2008 Ozone RACT (RACT II) determination that will be submitted to the EPA as a State Implementation Plan (SIP) revision for the following permits:

- Energy Center North Shore Plant (0022-I003)
- United States Steel Corporation – Edgar Thomson Plant (0051-I008)
- United States Steel Corporation – Irvin Plant (0050-OP16b)

Comments are only being accepted on the SIP conditions pertaining to RACT II.

At this time, I will be happy to answer any general questions about today's proceedings before we begin to take public testimony. Are there any questions of a general nature?

Are there any registered speakers present? *NO SPEAKERS PRESENT*

Hearing was adjourned at *6:15* pm.



**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**D.4 Documentation associated with Public Hearing (Notice 192 & Extension))  
for:**

- **Pittsburgh Allegheny County. Thermal, LTD (0044-OP15a)**
- **Eastman Chemical Resins, Inc. (0058-I026)**
- **United States Steel – Clairton Plant (0052-I020)**

Public hearing notice

Transmittals of hearing notice to EPA & PA DEP, local governments,  
interested parties and webmaster

Proof of publication of notice of hearing

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

## ALLEGHENY COUNTY HEALTH DEPARTMENT

### NOTICE OF PROPOSED REVISION TO THE STATE IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN, VOLATILE ORGANIC COMPOUNDS (RACT II) AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION & MAJOR (TITLE V) OPERATING PERMITS

In accordance with Article XXI §2102.05.c and §2103.21.c, the Allegheny County Health Department is proposing to modify and issue permits for the following major source facilities and to revise the State Implementation Plan (SIP) for nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC) Reasonably Available Control Technology (RACT II). The proposed RACT II determinations, if finally approved, will be incorporated into each facility's respective permit, and a revised Title V operating permit will be issued. The relevant RACT II requirements will be submitted to the U.S. Environmental Protection Agency for the conditions to become part of the Pennsylvania State Implementation Plan (SIP) and will remain in effect until replaced pursuant to 40 CFR 51 and approval by the EPA. Requirements that are not part of the RACT II determination will be excluded from the SIP submittal.

The proposed SIP revision does not adopt any new regulations. It incorporates the provisions and requirements contained in the amended RACT II approval for the facility, which are intended to satisfy the requirements of the 1997 National Ambient Air Quality Standard (NAAQS) and the 2008 NAAQS for ozone. The following is a summary of the proposed amendments to the RACT II determination that will be submitted to the EPA as a SIP revision:

**PITTSBURGH ALLEGHENY COUNTY. THERMAL, LTD (0044-OP15a)**, 120 Cecil Way, Pittsburgh, PA 15222, for the operation of an industrial steam generation plant, which supplies steam for heating and refrigeration to commercial and institutional sites. The plant is composed of four boilers, with a common stack, which fire natural gas as their primary fuel and have the capacity to fire no. 2 fuel oil, in lieu of natural gas at times of emergency or natural gas curtailment. The facility is a major source of nitrogen oxides (NO<sub>x</sub>) and therefore subject to Reasonable Available Control Technology (RACT). In addition to the case-by-case RACT determinations listed in the table below, the emission sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

<u>Source</u>	<u>RACT II Requirement</u>
Boiler No. 1 (B001)	NO <sub>x</sub> – Operational and fuel restrictions; NO <sub>x</sub> limit of 0.22 lb/MMBtu and reduced emissions of 72.3 tpy per boiler.
Boiler No. 2 (B002)	
Boiler No. 3 (B003)	
Boiler No. 4 (B004)	

**EASTMAN CHEMICAL RESINS, INC. (0058-I026)**, 2200 State Highway 837, West Elizabeth PA 15088, for the production of synthetic hydrocarbon resins from C5 feedstock, monomers, solvents and catalysts by way of cationic polymerization. Resins produced include aliphatic, aliphatic/aromatic, aromatic and liquid resins for use in adhesives, plastics, rubber, graphic arts and numerous other products. The plant is comprised of three polymerization processes (C-5, MP-Poly, and WW-Poly), a resin hydrogenation process, three finishing processes (LTC1, LTC2, and C-5), and an emulsion process, five boilers, a wastewater treatment plant, a pilot plant for testing formulations and processes and storage tanks. The facility is a major source of nitrogen oxides (NO<sub>x</sub>) and therefore subject to Reasonable Available Control Technology (RACT). In addition to the case-by-case RACT determinations listed in the table below, the emission sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

<u>Source</u>	<u>RACT II Requirement</u>
Metering Tanks – Hydrogenation Unit (S004)	VOC – Good engineering practice; throughput restriction
Vent Tanks, Autoclaves – Hydrogenation Unit (S007)	VOC – Good engineering practice; throughput restriction
Storage Tanks – Hydrogenation Unit (S012)	VOC – Good engineering practice; throughput restriction
Feed Dryers & Regeneration – WW Poly Unit (S013)	VOC – Condensers; good engineering practice
West Filtrate Receiver – WW Poly Unit (S020)	VOC – Condensers; good engineering practice
Solvent Wash Receiver – WW Poly Unit (S023)	VOC – Proper operation & maintenance; good engineering practice
Storage Tanks – WW Poly Unit (S025)	VOC – Proper operation & maintenance; good engineering practice
East Filtrate Receiver – WW Poly Unit (S027)	VOC – Proper operation & maintenance; good engineering practice
Filtrate System – MP Poly Unit (S034)	VOC – Condensers; good engineering practice
Pastillator Belts, UHF Filter – C-5 Operations (S055)	VOC – Proper operation & maintenance; good engineering practice

## Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

Source	RACT II Requirement
Double Drum Dryer – Dresinate Production (S085)	VOC – Proper operation & maintenance; good engineering practice
#1 Vacuum System – LTC Process (S109)	VOC – Proper operation & maintenance; good engineering practice
#2 Vacuum System – LTC Process (S110)	VOC – Proper operation & maintenance; good engineering practice
#1/#2 Pastillator Belt – LTC Process (S114)	VOC – Proper operation & maintenance; good engineering practice
Raw Material Tank T-50 – C-5 Operations (S216)	VOC – Compliance with Article XXI, §2105.12
Tanks 702A-C – WW Treatment Plant (F033-35)	VOC – Proper operation & maintenance; good engineering practice
Bio Aeration Tank – WW Treatment Plant (F027)	VOC – Proper operation & maintenance; good engineering practice
Fugitive Emissions from Equipment Leaks	VOC - LDAR

**UNITED STATES STEEL – CLAIRTON PLANT (0052-I020)**, 400 State Street, Clairton, PA 15025, for the operation of a by-product recovery coke plant consisting of 9 coke oven batteries that produce metallurgical coke, coke oven gas and coke oven by-products, including crude coal tar, light oil, elemental sulfur, and anhydrous ammonia. The facility is a major source of nitrogen oxides (NO<sub>x</sub>) and therefore subject to Reasonably Available Control Technology (RACT). In addition to the case-by-case RACT determinations listed in the table below, the emission sources at this facility are required to comply with the presumptive RACT requirements in 25 Pa. Code §129.97.

Source	RACT II Requirement
Underfiring Battery 1 (P001)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Underfiring Battery 2 (P002)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Underfiring Battery 3 (P003)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Underfiring Battery 13 (P007)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Underfiring Battery 14 (P008)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Underfiring Battery 15 (P009)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Underfiring Battery 19 (P010)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Underfiring Battery 20 (P011)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Underfiring Battery B (P012)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Underfiring Battery C (P046)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Desulfurization Plant (P019)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Ammonia Flare (B010)	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice
Boiler 1 (B001)	NO <sub>x</sub> – CEMs monitoring; 0.34 lbs/MMBtu NO <sub>x</sub> limit
Boiler 2 (B002)	NO <sub>x</sub> – CEMs monitoring; 0.34 lbs/MMBtu NO <sub>x</sub> limit
Boiler R1 (B005)	NO <sub>x</sub> – Limit 0.31 lbs/MMBtu
Boiler R2 (B006)	NO <sub>x</sub> – Limit 0.31 lbs/MMBtu
Boiler T1 (B007)	NO <sub>x</sub> – Limit 0.31 lbs/MMBtu
Boiler T2 (B008)	NO <sub>x</sub> – Limit 0.31 lbs/MMBtu
Pushing Emissions	NO <sub>x</sub> – Proper operation & maintenance; good engineering practice

In addition to the public notice provided for the facilities listed above, ACHD is also proposing to certify that it is meeting its obligation to submit all required case-by-case Reasonably Available Control Technology (RACT) determinations and Nitrogen Oxide (NO<sub>x</sub>) averaging plans to EPA Region 3 for approval into the Allegheny County portion of the Pennsylvania state implementation plan (SIP). PADEP is required by EPA's May 9, 2019 conditional approval of Pennsylvania's *Additional RACT Requirements for Major Sources of NO<sub>x</sub> and VOCs* (46 Pa.B. 2036; April 23, 2016)(84 FR 20274), to certify that 1) all facility-wide or system-wide NO<sub>x</sub> averaging plans approved by PADEP under 25 Pa Code § 129.98, and 2) all source-specific RACT determinations approved by PADEP under 25 Pa Code § 129.99 (case-by-case RACT) are submitted to EPA for approval into the Pennsylvania SIP. As a separate local air pollution control agency approved by PADEP, ACHD must make a similar certification for sources in Allegheny County. With this public notice, ACHD is

## **Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS**

certifying that the following facilities have met the 1997 and 2008 case-by-case RACT and/or the NO<sub>x</sub> averaging requirements and have been public noticed as air quality permit revisions, as well as SIP revisions: ATI (formerly, Allegheny Ludlum), Bellefield Boiler, Brunot Island Generating Station, Cheswick Generating Station, Eastman Chemical, Energy Center North Shore, Neville Chemical, Pittsburgh Allegheny County Thermal (PACT), PPG Springdale, Universal Stainless, US Steel Clairton, US Steel Edgar Thompson, and US Steel Irvin. ACHD further certifies that these are the only sources in Allegheny County subject to averaging plans or case-by-case RACT. Therefore, ACHD has met its obligations under EPA's May 9, 2019 conditional approval. Upon issuance of the final case-by-case RACT permits, ACHD will submit to Pennsylvania this certification and the above group of the case-by-case RACT permits for inclusion in the Pennsylvania SIP.

Copies of the draft permits, technical support documents, application, ACHD's analysis, and all pertinent documents used in the evaluation of the application are open for public inspection at Building 7 of the Clack Health Center, 301 39th Street, Pittsburgh, PA 15201-1811. Written comments regarding the draft permits must be received by the Department at the above address or by e-mail at [aqpermits@alleghenycounty.us](mailto:aqpermits@alleghenycounty.us) on or before Tuesday, March 10, 2020. A public hearing will be held regarding the proposed issuance of these permits on March 10, 2020 at 6 PM in the first-floor conference room of Building 7 of the Clack Health Center. Oral testimony must be scheduled by calling Ms. Karen Sagel at 412-578-8115 no later than 4 PM Monday, March 9, 2020. Written copies of comments should be submitted at the time of testimony. Comments to previously issued permits that are being modified will be accepted on the SIP conditions pertaining to RACT II only. Each submission must contain the name, address and telephone number of the person submitting the comments, identification of the proposed Operating Permit including the permit number and a concise statement regarding the relevancy of the information or objections to issuance.

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

---

**From:** Dettlinger, Carl  
**Sent:** Monday, February 10, 2020 1:51 PM  
**To:** Amy Johansen; Angela Marconi; Bob Hodanbosi; Cynthia Stahl; Danny Wong; DEP; Ed Wiener; Etzel, Sandra; Joanna French; Kassahun Sellassie; Krishnan Ramamurthy; MaryCate Opila; Michael Cronin; Paul Wentworth; Steve Hepler; Suna Sariscak; Tamera Thompson; Truchan, JoAnn  
**Subject:** Notification - Air Quality Permits  
**Attachments:** notice 192-2020-02-06ract.pdf

Dear State/EPA Permit Contact:

Attached is a copy of our most recent notice of applications received, permits in public comment and permitting actions taken. Comments on permits we intend to issue are due on or before 10 March, 2020.

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

---

**From:** Dettlinger, Carl  
**Sent:** Monday, February 10, 2020 1:52 PM  
**To:** City\_Controller@pittsburghpa.gov; manager@cityofclairton.com; cwking@jeffersonhills.net; nevilletownship@aol.com; psharp@elizabethpa.net; lzang@elizabethwppa.com; Karen Stetor; dlmag@comcast.net  
**Subject:** Air Quality Permit Notification  
**Attachments:** notice 192-2020-02-06ract.pdf

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

Sources of air pollution in Allegheny County are required to obtain air quality permits for the operation of existing air pollution sources and for the installation of new air pollution sources or new air pollution control equipment. The Allegheny County Health Department (ACHD) issues these permits and is providing notice that a complete Installation Permit Application or Operating Permit Application has been received for one or more facilities which may be located in your municipality or a neighboring municipality.

The following information provides notification to municipalities of our intent to issue or modify an air quality permit. Once our intent to issue the permit is advertised, there is a 30-day public comment period. During this period, the permit and related documents will be available for public review and we will welcome comments from all interested parties. **Comments must be received by the ACHD on or before 10 March, 2020.**

We are providing this notice to you for your information. No action on your part is required. However, should you or any resident of the municipality wish to comment on a permit please email your comments to [AQPermits@alleghenycounty.us](mailto:AQPermits@alleghenycounty.us) or mail them to Ms. JoAnn Truchan, Chief Engineer, Allegheny County Health Department, Air Quality Program, 301 39th Street - Building #7, Pittsburgh, PA 15201-1811.



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

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**From:** Dettlinger, Carl  
**Sent:** Monday, February 10, 2020 1:51 PM  
**To:** Adam Kron (akron@environmentalintegrity.org); Al & Donna Frederick; Amber M. Isaac; Andrea Lavin Kossis; Angelo Taranto; Barb Pace; Ben Blasingame; Bill Kirk; Bob Kristof; Cassi Steenblok; Chris Ahlers; Cole Leja-Lea; Cynthia Adams; Dave Breingan; Debra Smit; Erica Peiffer; Etzel, Sandra; Fran Harkins; Heather Hurst; Jill DeBernardin; Joe Minott; John Baillie; Kathleen Krebs; Ken Holmes; Kerry Weichsel; Kevin Acklin; Kris Macoskey; Leah Blinn; Lindsay Fraser; Lisa Graves Marcucci; Lisa Hollowell; Logan Welde; Louise Heinle; Mark McClellan; Mary Jane Zdila; Mike Pring; Myron Arnowitt; Ned Mulcahy; Paul Alessio; Peri Unligil; Rachel Cohen; Rachel Martin; Randy Francisco; Rebecca Johnson; Rosann Imm; S. Johnson; Stanley & Toni Zembrowski; Stephanie Tsao; Steven Hvozdoch; Sue Seppi; Sue Vertosick; Taro Matsuno; Thaddeus Popovich; Tom Schuster; Truchan, JoAnn; Walter Goldberg  
**Subject:** Notification - Air Quality Permits  
**Attachments:** notice 192-2020-02-06ract.pdf

Interested Parties:

Attached is a copy of our most recent notice of applications received, permits in public comment and permitting actions taken. Comments on permits we intend to issue are due on or before 10 March, 2020.

<https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,



**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

---

**From:** Truchan, JoAnn  
**Sent:** Thursday, February 6, 2020 2:45 PM  
**To:** Parker, Michael; Graham, Jayme; Dettlinger, Carl  
**Cc:** Brubach, Bill; Ezzeddine, Alan; Milne, Aaron; Joyce, Kim  
**Subject:** Air Permit Notice 192  
**Attachments:** 0 - notice 192 - 2020-02-06.docx

Attached is the most recent notice of air permits in public comment through March 10, 2020.

Alan & Aaron,  
Please charge 100% of the cost to the Title V Account.

Bill,  
Please post this notice on the Air Quality website under Public Comment Notices and entitle it "Permits in Public Comment Through March 10, 2020". The previous notice and corresponding documents are still in effect. I will send the permits to post in a separate email. I will also send you and Ryan Scarpino a separate email for the Facebook notice.

If you have any questions, please do not hesitate to contact me.  
--JoAnn



JoAnn Truchan, MPM, PE  
Section Chief, Engineering  
Air Quality Program  
301 39th Street, Building #7  
Pittsburgh, PA 15201-1811  
412.578.7981  
fax: 412.578.8144

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

No. \_\_\_\_\_ Term, \_\_\_\_\_

## Proof of Publication of Notice in Pittsburgh Post-Gazette

Under Act No 587, Approved May 16, 1929, PL 1784, as last amended by Act No 409 of September 29, 1951

Commonwealth of Pennsylvania, County of Allegheny, ss K. Flaherty, being duly sworn, deposes and says that the Pittsburgh Post-Gazette, a newspaper of general circulation published in the City of Pittsburgh, County and Commonwealth aforesaid, was established in 1993 by the merging of the Pittsburgh Post-Gazette and Sun-Telegraph and The Pittsburgh Press and the Pittsburgh Post-Gazette and Sun-Telegraph was established in 1960 and the Pittsburgh Post-Gazette was established in 1927 by the merging of the Pittsburgh Gazette established in 1786 and the Pittsburgh Post, established in 1842, since which date the said Pittsburgh Post-Gazette has been regularly issued in said County and that a copy of said printed notice or publication is attached hereto exactly as the same was printed and published in the regular editions and issues of the said Pittsburgh Post-Gazette a newspaper of general circulation on the following dates, viz:

06 of February, 2020

Affiant further deposes that he/she is an agent for the PG Publishing Company, a corporation and publisher of the Pittsburgh Post-Gazette, that, as such agent, affiant is duly authorized to verify the foregoing statement under oath, that affiant is not interested in the subject matter of the afore said notice or publication, and that all allegations in the foregoing statement as to time, place and character of publication are true.

### COPY OF NOTICE OR PUBLICATION

ALLEGHENY COUNTY HEALTH DEPARTMENT  
NOTICE OF PROPOSED  
REVISION TO THE STATE  
IMPLEMENTATION PLAN  
FOR OXIDES OF  
NITROGEN, VOLATILE  
ORGANIC COMPOUNDS  
(RACT II) AND NOTICE OF  
INTENT TO ISSUE  
REVISED INSTALLATION &  
MAJOR (TITLE V)  
OPERATING PERMITS  
In accordance with Article XXI  
§2102.05.c and §2103.21.c,  
the Allegheny County Health  
Department is proposing to  
modify and issue permits for  
the following major source  
facilities and to revise the  
State Implementation Plan  
(SIP) for nitrogen oxides (NOx)  
and volatile organic  
compounds (VOC) Reasonably  
Available Control Technology  
(RACT II). The proposed RACT II  
determinations, if finally  
approved, will be incorporated  
into each facility's respective  
permit, and a revised Title V  
operating permit will be  
issued. The relevant RACT II  
requirements will be  
submitted to the U.S.  
Environmental Protection  
Agency for the conditions to  
become part of the  
Pennsylvania State  
Implementation Plan (SIP) and  
will remain in effect until  
replaced pursuant to 40 CFR  
51 and approval by the EPA.  
Requirements that are not  
part of the RACT II  
determination will be  
excluded from the SIP  
submittal.

PG PUBLIS

hereby acknc

been fully pa

Office

2201 Sweene

CLINTON, P.

Phone 412-26

I hereby certify tha  
said notice.

The proposed SIP revision  
does not adopt any new  
regulations. It incorporates the  
provisions and requirements  
contained in the amended  
RACT II approval for the facility,  
which are intended to satisfy  
the requirements of the 1997  
National Ambient Air Quality  
Standard (NAAQS) and the  
2008 NAAQS for ozone. The  
following is a summary of the  
proposed amendments that will  
be submitted to the EPA as a  
SIP revision:  
In addition to the public notice  
provided for the facilities listed  
below, ACHD is also proposing  
to certify that it is meeting its  
obligation to submit all  
required case-by-case  
Reasonably Available Control  
Technology (RACT)  
determinations and Nitrogen  
Oxide (NOx) averaging plans  
to EPA Region 3 for approval  
to Allegheny County

### Publisher's Receipt for Advertising Costs

, publisher of the Pittsburgh Post-Gazette, a newspaper of general circulation,  
the aforesaid advertising and publication costs and certifies that the same have

PG Publishing Company, a Corporation, Publisher of  
Pittsburgh Post-Gazette, a Newspaper of General Circulation

By \_\_\_\_\_

original Proof of Publication and receipt for the Advertising costs in the subject matter of

Attorney For

Elizabeth R. Chmura  
PG Publishing Company  
Sworn to and subscribed before me this day of:  
February 07, 2020

Elizabeth R. Chmura

Commonwealth of Pennsylvania - Notary Seal  
Elizabeth R. Chmura, Notary Public  
Allegheny County  
My commission expires February 8, 2022  
Commission number 1326781  
Member, Pennsylvania Association of Notaries

### STATEMENT OF ADVERTISING COSTS

ALCTY Health Department  
542 4th Avenue  
Pittsburgh, PA 15219

To PG Publishing Company

Total ----- \$285.60

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

## EXTENSION OF COMMENT PERIOD (For PACT, Eastman and U.S. Steel Clairton)

### ALLEGHENY COUNTY HEALTH DEPARTMENT

#### NOTICE OF PROPOSED REVISION TO THE STATE IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN, VOLATILE ORGANIC COMPOUNDS (RACT II) AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION & MAJOR (TITLE V) OPERATING PERMITS

On February 6, 2020, the Allegheny County Health Department published notice of a public comment period for the revision to the State Implementation Plan (SIP) for nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC) Reasonably Available Control Technology (RACT II) for Pittsburgh Allegheny County Thermal, Eastman Chemical Resins, and United States Steel Clairton Plant. The notice stated that the public comment period for the documents would end on March 10, 2020. The public comment period has been extended to March 17, 2020. Written comments may be submitted on or before that time. The public hearing has also been moved to March 17, 2020 at 6 PM in the first-floor conference room of Building 7 of the Clack Health Center. Oral testimony must be scheduled by calling Ms. Karen Sagel at 412-578-8115 no later than 4 PM Monday, March 16, 2020. See the ACHD Air Quality website for details: <https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>.

### **Dettlinger, Carl**

---

**From:** Truchan, JoAnn  
**Sent:** Tuesday, February 11, 2020 7:05 AM  
**To:** Graham, Jayme; Parker, Michael  
**Cc:** Ezzeddine, Alan; Milne, Aaron; Joyce, Kim; Dettlinger, Carl  
**Subject:** Air Permits in Public Comment Extension  
**Attachments:** RACT Notice - 192 - pg notice - extension.docx; RACT Notice - 192 - pg notice - extension.pdf

Attached is an addendum to the noticed published on February 6, 2020 extending the public comment period for air permits in public comment.

Alan/Aaron,  
Please charge 100% of the cost to Title V.

If you have any questions, please feel free to contact me.  
--JoAnn



JoAnn Truchan, MPM, PE  
Section Chief, Engineering  
Air Quality Program  
301 39th Street, Building #7  
Pittsburgh, PA 15201-1811  
412.578.7981  
fax: 412.578.8144

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

---

**From:** Dettlinger, Carl  
**Sent:** Tuesday, February 11, 2020 8:13 AM  
**To:** Amy Johansen; Angela Marconi; Bob Hodanbosi; Cynthia Stahl; Danny Wong; DEP; Ed Wiener; Etzel, Sandra; Joanna French; Kassahun Sellassie; Krishnan Ramamurthy; MaryCate Opila; Michael Cronin; Paul Wentworth; Steve Hepler; Suna Sariscak; Tamera Thompson; Truchan, JoAnn  
**Subject:** Notification - Air Quality Permits Comment Extension  
**Attachments:** RACT Notice - 192 - pg notice - extension.pdf; notice 192-2020-02-06ract.pdf

## NOTICE OF PROPOSED REVISION TO THE STATE IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN, VOLATILE ORGANIC COMPOUNDS (RACT II) AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION & MAJOR (TITLE V) OPERATING PERMITS

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**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

**Dettlinger, Carl**

---

**From:** Dettlinger, Carl  
**Sent:** Tuesday, February 11, 2020 8:15 AM  
**To:** City\_Controller@pittsburghpa.gov; manager@cityofclairton.com; cwking@jeffersonhills.net; nevilletownship@aol.com; psharp@elizabethpa.net; lzang@elizabethwppa.com; Karen Stetor; dlmag@comcast.net  
**Subject:** Notification - Air Quality Permits Comment Extension  
**Attachments:** RACT Notice - 192 - pg notice - extension.pdf; notice 192-2020-02-06ract.pdf

## NOTICE OF PROPOSED REVISION TO THE STATE IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN, VOLATILE ORGANIC COMPOUNDS (RACT II) AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION & MAJOR (TITLE V) OPERATING PERMITS

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Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
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**Subject:** Notification - Air Quality Permits Comment Extension  
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**Carl A. Dettlinger**  
Document Administrator  
**Air Quality Program**  
301 39<sup>th</sup> Street, Bldg. 7  
Pittsburgh, PA 15201-1811  
**P: 412.578.8191**  
**F: 412.578.8144**

# Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS

No. \_\_\_\_\_ Term, \_\_\_\_\_


## Proof of Publication of Notice in Pittsburgh Post-Gazette

Under Act No 587, Approved May 16, 1929, PL 1784, as last amended by Act No 409 of September 29, 1951

Commonwealth of Pennsylvania, County of Allegheny, ss K. Flaherty, being duly sworn, deposes and says that the Pittsburgh Post-Gazette, a newspaper of general circulation published in the City of Pittsburgh, County and Commonwealth aforesaid, was established in 1993 by the merging of the Pittsburgh Post-Gazette and Sun-Telegraph and The Pittsburgh Press and the Pittsburgh Post-Gazette and Sun-Telegraph was established in 1960 and the Pittsburgh Post-Gazette was established in 1927 by the merging of the Pittsburgh Gazette established in 1786 and the Pittsburgh Post, established in 1842, since which date the said Pittsburgh Post-Gazette has been regularly issued in said County and that a copy of said printed notice or publication is attached hereto exactly as the same was printed and published in the regular editions and issues of the said Pittsburgh Post-Gazette a newspaper of general circulation on the following dates, viz:

**13 of February, 2020**

Affiant further deposes that he/she is an agent for the PG Publishing Company, a corporation and publisher of the Pittsburgh Post-Gazette, that, as such agent, affiant is duly authorized to verify the foregoing statement under oath, that affiant is not interested in the subject matter of the afore said notice or publication, and that all allegations in the foregoing statement as to time, place and character of publication are true.

  
PG Publishing Company

Sworn to and subscribed before me this day of:  
February 13, 2020



Commonwealth of Pennsylvania - Notary Seal  
Elizabeth R. Chmura, Notary Public  
Allegheny County  
My commission expires February 8, 2022  
Commission number 1326781  
Member, Pennsylvania Association of Notaries

**STATEMENT OF ADVERTISING COSTS**  
ALLEGHENY CO HEALTH DEPT-LEGAL  
542 4TH AVENUE  
PITTSBURGH PA 15219

To PG Publishing Company

Total -----

**Pittsburgh Post-Gazette**

Legal Advertising Department  
412-263-1440 | legaladvertising@post-gazette.com  
2201 Sweeney Drive, Clinton, PA 15026

Thank you for advertising with the  
Pittsburgh Post-Gazette.

Attached is your Affidavit/Proof of  
Publication for your legal advertisement.

**Please do not process payment at this time.**  
An invoice will be mailed separately to your  
organization from our billing department.

Please see reverse for deadline information.

**Publisher**  
PG PUBLISHING COMPAN  
of general circulation, hereby  
publication costs and certifies

Office  
2201 Sweeney Drive  
CLINTON, PA 15026  
Phone 412-263-1338

I hereby certify that the foregoing is th  
subject matter of said notice.

1 newspaper  
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ulation

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### COPY OF NOTICE OR PUBLICATION

ALLEGHENY COUNTY  
HEALTH DEPARTMENT  
NOTICE OF PROPOSED  
REVISION TO THE STATE  
IMPLEMENTATION PLAN  
FOR OXIDES OF  
NITROGEN, VOLATILE  
ORGANIC COMPOUNDS  
(RACT II) AND NOTICE OF  
INTENT TO ISSUE  
REVISED INSTALLATION &  
MAJOR (TITLE V)  
OPERATING PERMITS

On February 6, 2020, the Allegheny County Health Department published notice of a public comment period for the revision to the State Implementation Plan (SIP) for nitrogen oxides (NOX) and volatile organic compounds (VOC). Reasonably Available Control Technology (RACT II) for Pittsburgh Allegheny County Thermal, Eastman Chemical Resins, and United States Steel Clairton Plant. The notice stated that the public comment period for the documents would end on March 10, 2020. The public comment period has been extended to March 17, 2020. Written comments may be submitted on or before that time. The public hearing has also been moved to March 17, 2020 at 6 PM in the first-floor conference room of Building 7 of the Clack Health Center. Oral testimony must be scheduled by calling Mrs. Karen Sagel at 412-578-8115 no later than 4 PM Monday, March 16, 2020. See the ACHD Air Quality website for details: <https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx>.

# **Allegheny County Portion of the Pennsylvania RACT II SIP Revision for the 1997 and 2008 8-Hour Ozone NAAQS**

## **Certificate of Hearing**

Revision 84C

Amendment to Allegheny County's Portion of the  
Pennsylvania State Implementation Plan for the  
*8-Hour Ozone National Ambient Air Quality Standard* –

Certification that Case-by-Case RACT Determinations and/or Averaging Plans and Enforceable  
RACT Measures in Submitted Permits  
have been submitted as required by the EPA RACT II Conditional Approval

### Certification of Hearing associated with Public Hearing Notice 192

JoAnn Truchan deposes and says that she is the Manager of the Permitting Section of the Air Quality Program of the Allegheny County Health Department and hereby certifies that a Public Hearing was held on March 17, 2020 on the proposed amendment to Allegheny County's portion of the PA SIP demonstrating that the case-by-case RACT determinations and/or averaging plans and the enforceable RACT measures in the related permits for the 1997/2008 8-Hr Ozone NAAQS have been submitted for:

Pittsburgh Allegheny County Thermal, LTD;  
Eastman Chemical Resins, Inc.; and  
United States Steel Corporation – Clairton Plant

that the opportunity for written comments was given in accordance with the requirements of 40 CFR 51.102; that notice of such hearing was given by publication in a newspaper of general circulation on February 6, 2020; and to the best of her knowledge, belief and understanding, such proceedings were in full compliance with all applicable State and Federal laws, regulations, and other requirements.



Digitally signed by JoAnn  
Truchan, PE  
Date: 2020.04.03 11:51:22 -04'00'

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JoAnn Truchan, PE  
Section Chief, Engineering  
Air Quality Program  
Allegheny County Health Department

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

Public Hearing Statement

**PUBLIC HEARING ON THE PROPOSED REVISION TO THE STATE  
IMPLEMENTATION PLAN FOR OXIDES OF NITROGEN & VOLATILE ORGANIC  
COMPOUNDS AND NOTICE OF INTENT TO ISSUE REVISED INSTALLATION &  
MAJOR (TITLE V) OPERATING PERMITS**

Tuesday, March 17, 2020 - 6:00 PM  
Allegheny County Health Department, 301 39<sup>th</sup> Street, Pittsburgh, PA 15201-1891

Good evening. My name is Michael Dorman. I am an Air Quality Engineer for Permitting in the Air Quality Program for the Allegheny County Health Department, and I will be chairing this hearing. Public notice of this hearing appeared in the *Pittsburgh Post-Gazette* on February 6, 2020.

We are here to receive testimony on proposed amendments to the 2008 Ozone RACT (RACT II) determination that will be submitted to the EPA as a State Implementation Plan (SIP) revision for the following permits:

- Pittsburgh Allegheny County Thermal, Ltd. (0044-OP15a)
- Eastman Chemical Resins, Inc. (0058-I026)
- United States Steel Corporation – Clairton Plant (0052-IP20)

Comments are only being accepted on the SIP conditions pertaining to RACT II.

At this time, I will be happy to answer any general questions about today's proceedings before we begin to take public testimony. Are there any questions of a general nature?

Are there any registered speakers present?

Hearing was adjourned at 6:15 pm.

*No members of the public appeared.*

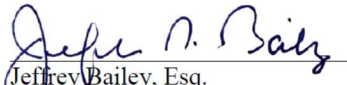
*Michael Dorman*

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**Allegheny County Portion of the Pennsylvania RACT II SIP Revision  
for the 1997 and 2008 8-Hour Ozone NAAQS**

**CERTIFICATION Of APPROVAL And ADOPTION**

To the best of my knowledge, information, and belief, I the undersigned hereby certify that the amendment to the County's portion of the Pennsylvania State Implementation Plan for the Attainment and Maintenance of the National Ambient Air Quality Standards, "*Certification that Case-by-Case RACT Determinations and/or Averaging Plans and Enforceable RACT Measures in Submitted Permits have been submitted as required by the EPA RACT II Conditional Approval*," approved by the Allegheny County Health Department Director on April 23, 2020, was duly and properly approved as prescribed by the Local Health Administration Law and the Allegheny County Home Rule Charter, and as such, is fully and legally enforceable by the Allegheny County Health Department and the County of Allegheny as provided for by the within authority.

  
\_\_\_\_\_  
Jeffrey Bailey, Esq.  
Assistant Solicitor  
Allegheny County Health Department

April 23, 2020  
\_\_\_\_\_  
Date