

Emission Statement Update & RADIUS 4.0



Danny Wong April 10, 2013 ACE Academy



Objective

• Emission Statement Update

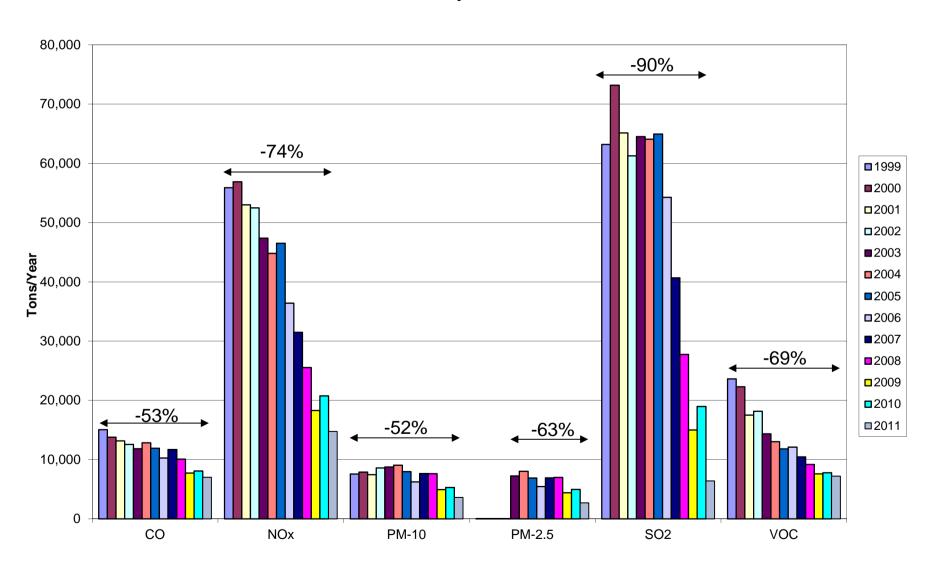
• RADIUS 4.0

• NJ Portal

Summary of 2011 Emission Statement

- Received 524 emission statements
 - 264 majors
 - 260 non-majors

Emissions Reported To The Emission Statement Program "Stationary Sources"



What To Expect When Submitting 2012 Emission Statement

- Due May 15, 2013
 - Still have the extension to June 15th if request by May 1st
 - NJ Portal submissions get automatic extension to June 15th
- No new requirement
- Reporting by NJDEP Online Services Portal

Planning For Submitting

- Start a little earlier
- Be patient
 - As with all new products, there will be kinks
 - NJDEP staff is always available to help but give them time to respond
- What to do with Sandy related issues?
 - All emissions must be reported
 - Create separate U/BP for all Sandy related emissions that are beyond permit requirement (U777777)

Common Issues in 2011 Emission Statements

- Structure of the Emission Statement
 - Mirror permit(s)
 - Correctly link the equipment, emission point, and control device in the Emission Unit/Batch Process Inventory
 - Correctly identifying the Equipment Type
 - Create new equipment/operating scenario for control devices that burn fuel
 - Delete sources that are no longer permitted and did not operate during that reporting year

Common Issues in 2011 Emission Statements

- Process & Emissions Screens:
 - Report fuel usage for combustion sources
 - Report amount of coating/ink/solution for coating/printing operations
 - CO2 in 1000 tons/yr and TAP's in lbs/yr
 - NOx for 5/1-9/30 in tons/season
 - PM2.5 at source level for sources of particulates
 - Ammonia at source level
 - Emission factors except for CEM and material balance
 - Source Details and Control Operations

Common Issues in 2011 Emission Statements

- Other Miscellaneous Issues:
 - Select pollutants from drop-down list
 - Autocalculate does not calculate emissions for the NOx tons/season (5/1-9/30) nor emissions for PM2.5, ammonia, CO2, methane, and TAP's
 - Use of proper AP-42 emission factors
 - Include condensable as part of PM
 - Checklist for reviewing the emission statements
 - N.J.A.C. 7:27-21(j)
 - Reporting roof landing emissions via RADIUS
 - Additional reporting of information beyond RADIUS

Why Update RADIUS?

- Provide a mechanism to submit RADIUS files online
- To make the RADIUS file submission process compliant with CROMERR for permits and emission statements

RADIUS 4.0 Updates

- Removed electronic PIN certification capability within RADIUS
- Removed the ability within RADIUS to attach electronic documents
- Added functionality for RADIUS to generate a PDF document
 - However, users will only be able to access this PDF via the Portal
- Can only import 'exported' files, not 'submitted' files

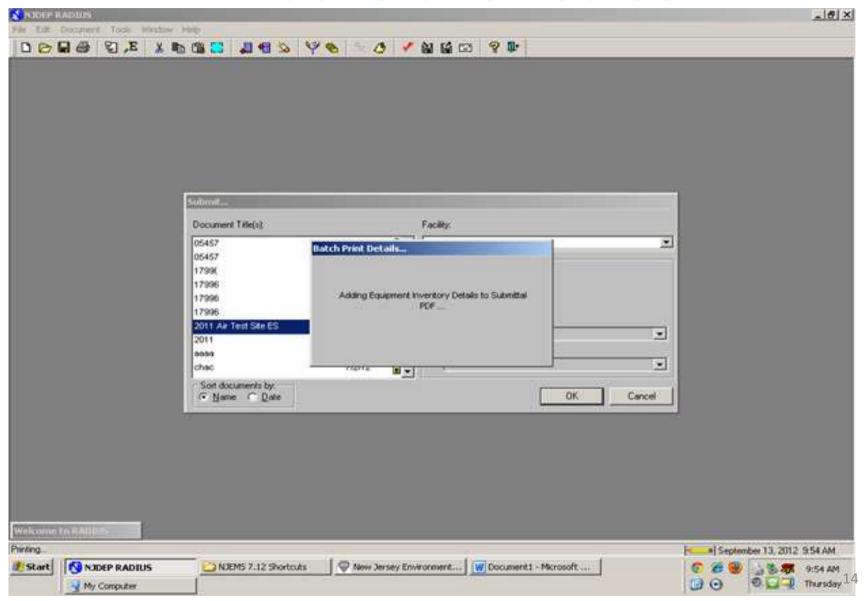
RADIUS 4.0 Updates

- For any contacts listed, email address is required
- Responsible Official contact information required
 - Emission Statement was already required in the past
- For those few that use a 3rd party data entry system to fill out emission statements through the back-end of RADIUS, there may be issues since changes were made to RADIUS

Where to find RADIUS

- Download the software at <u>http://www.nj.gov/dep/aqpp/radius.html</u>
 - RADIUS can only be installed to the C: drive
 - RADIUS cannot be installed on a network
- If this is an upgrade Setup will automatically convert your existing documents to the new version
- New reference table cmtb_naics

PDF Generation Screen



NJDEP Online Services Portal

- Not mandatory
 - Can still use USPS/FedEx/UPS/etc.
 - Still need paper certification
 - No longer accepting via email
 - Continue to use email for communication with DEP
- Why?
 - CROMERR (applicable to major sources)
 - Catching up with technology
- Training
 - Webinar held on 12/13/12
 - User guide (18 pages)
 - http://www.nj.gov/dep/aqpp/applying.html

NJDEP Online Services Portal

- Only RADIUS 4.0.09 documents can be used for a Portal submission
- Will allow authorized users within a facility to submit applications for permits and emission statements in a secure manner
- Users will be able to attach electronic documents to supplement the RADIUS file
 - Size limitation
 - 5 MB for RADIUS file
 - 5 MB for attachments
 - 1MB/attachment
 - Maximum of 10 attachments

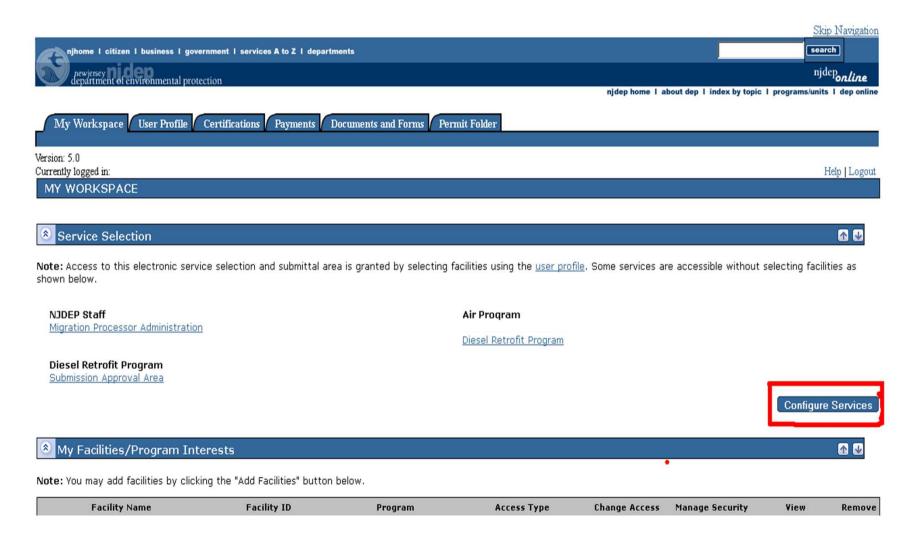
NJDEP Online Service Portal

- Users will be able to view all of the information in the RADIUS file as a PDF via the Portal
 - PDF will be available after file is uploaded
- Users will be able to electronically certify a RADIUS submission
- If you have submitted an Air General Permit, then you have used the Portal
 - The screens have the same feel as the General Permits

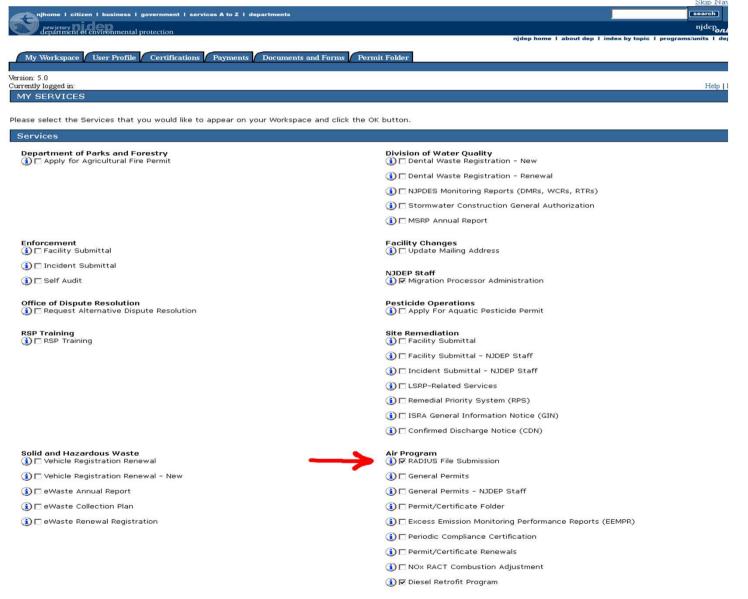
NJDEP Online Services Portal

- Users must have a myNew Jersey Portal account
- If you do not have a myNew Jersey Portal account, go to www.njdeponline.com
 - There is a link and instructions for creating a new account
- If you have an account you will need to access the RADIUS File Submission service

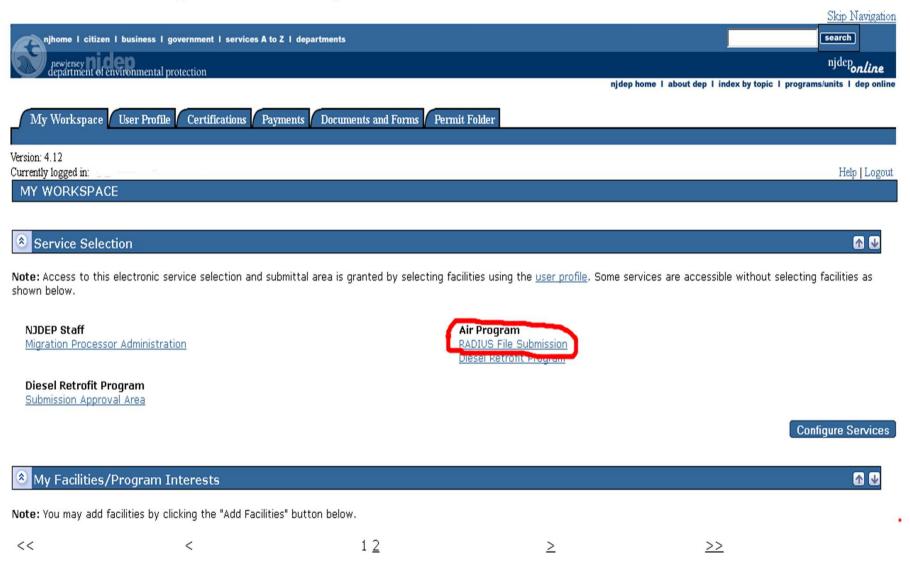
My Workspace – Service Selection



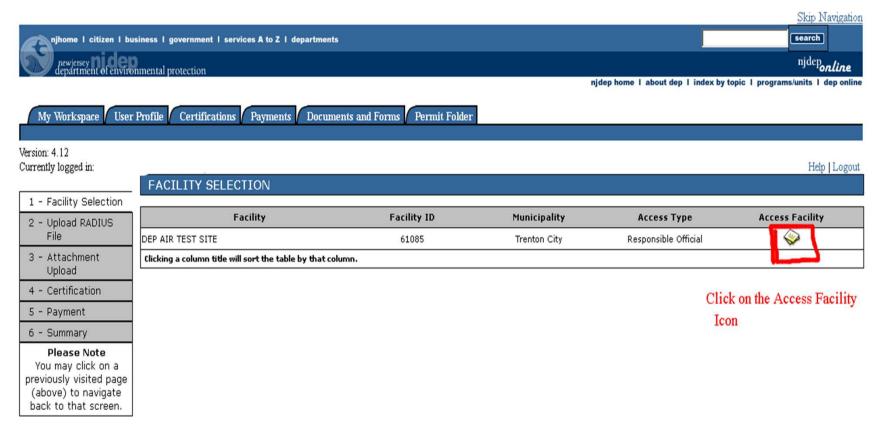
My Services – Selection Page



My Workspace – Service Selection



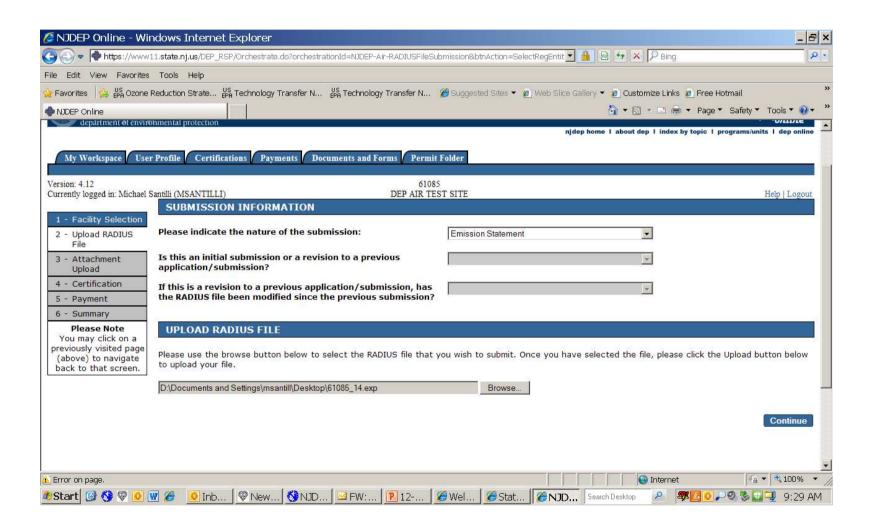
Facility Selection



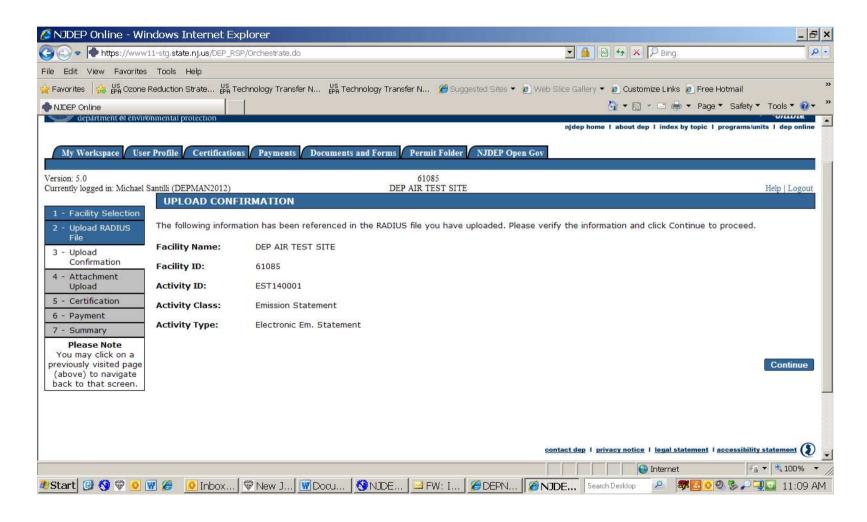
Upload RADIUS File

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4 - Certification	If this is a revision to a previous application/submission, has	Ţ	
5 - Payment	the RADIUS file been modified since the previous submission?		
6 - Summary			
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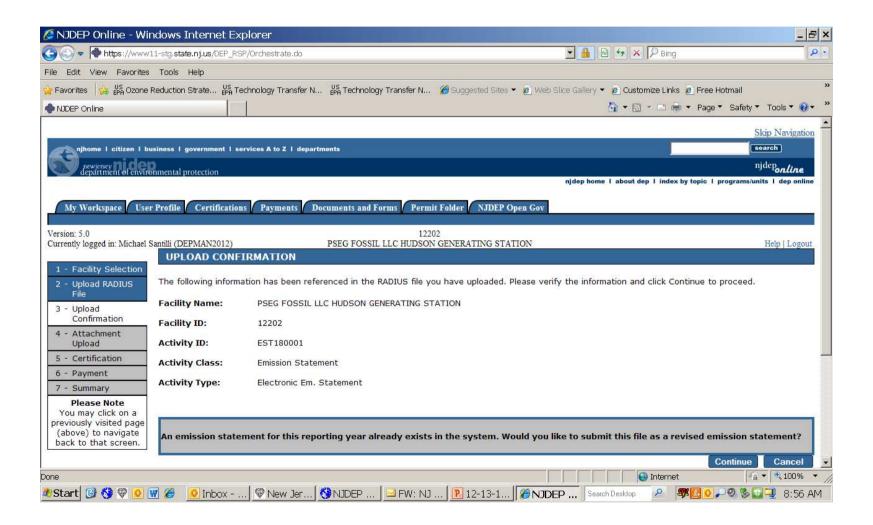
Upload RADIUS File



Upload Confirmation



Upload Confirmation



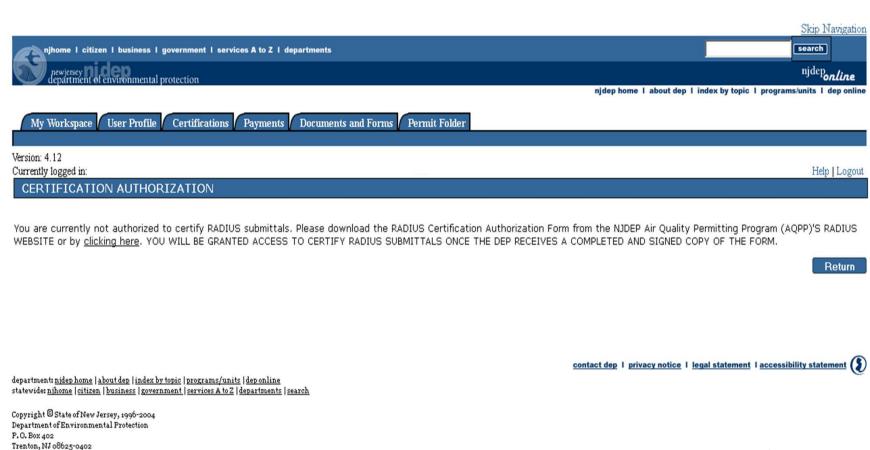
Attachment Upload

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Attachment Upload

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Certification Authorization – Major Facilities Only



Last Updated: June 24, 2004

For Major Facilities Only

njdeponline

AQPP Air Quality Permitting Program 🖚

RADIUS Certification Authorization Form

This certification authorization is required to satisfy the federal reporting requirements of EPA's Cross-Media Electronic Reporting Regulations (CROMERR). Users who wish to complete major source (Title V) RADIUS Emission Statement submittals and Operating Permit applications via NJDEP Online must fill out this form and submit it to NJDEP in order to obtain the authorization necessary to certify the submittals.

This Certification Authorization Form is only required for individuals at major source (Title V) facilities who wish to submit RADIUS files online. It is not required for minor source submittals, or for major or minor source submittals sent via postal mail, since those are not subject to CROMERR.

Instructions

- Prior to submission of this form, users must create an account in NJDEP Online. If you do not already
 have an account, you can create one by following the instructions at: http://njdeponline.com/.
- 2. Fill out Part A of this form: Certifier Information. All items in this section are required.
- 3. Fill out Part B of the form if you are a Responsible Official as described in Part B

Fill out Part C of the form if you are an Individual With Direct Knowledge as described in Part C.

Note that you must be either a Responsible Official or an Individual With Direct Knowledge at a facility in order to be able to certify permit applications or emission statements for that facility. Some users may fill both roles.

4. Mail or fax the completed and signed form to:

NJDEP Air Quality Permitting Program ATTN: RADIUS Certification Authorization Mail Code 401-402 P.O. Box 420 Trenton, NJ 08625-0420 FAX: (609) 292-1028

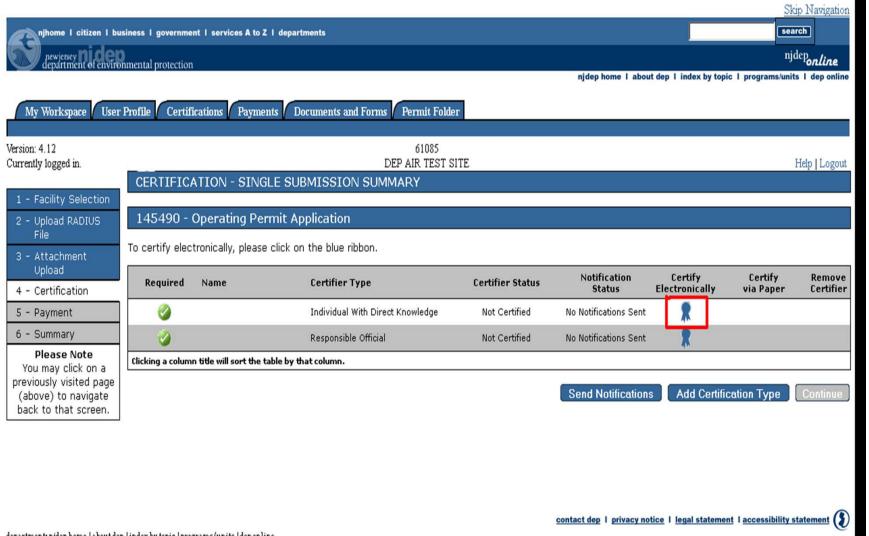
Part A. Certifier Information

Note: All fields are required. If any information is not provided, the form may be rejected as incomplete by DEP.					
Name:	Organization:	Title:			
Mailing Address:					
Telephone Number:	E-mail Address:	DEP Online User ID:			

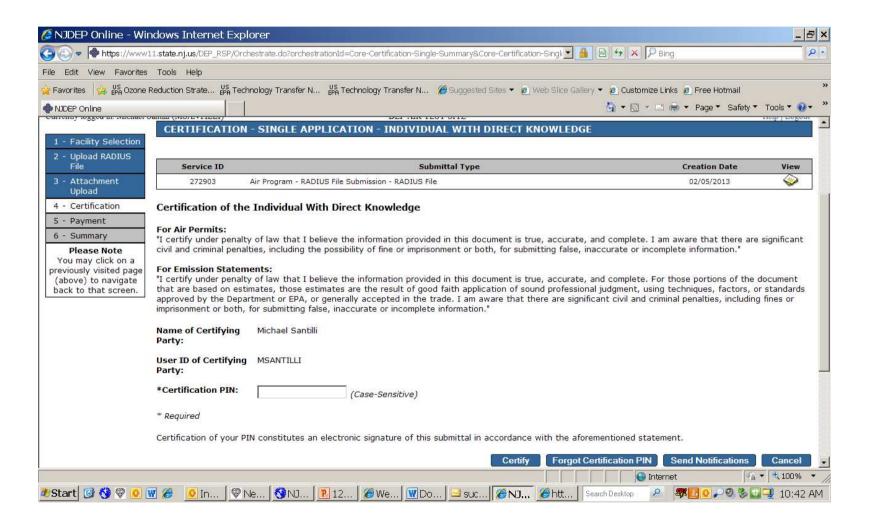
For Major Facilities
Only

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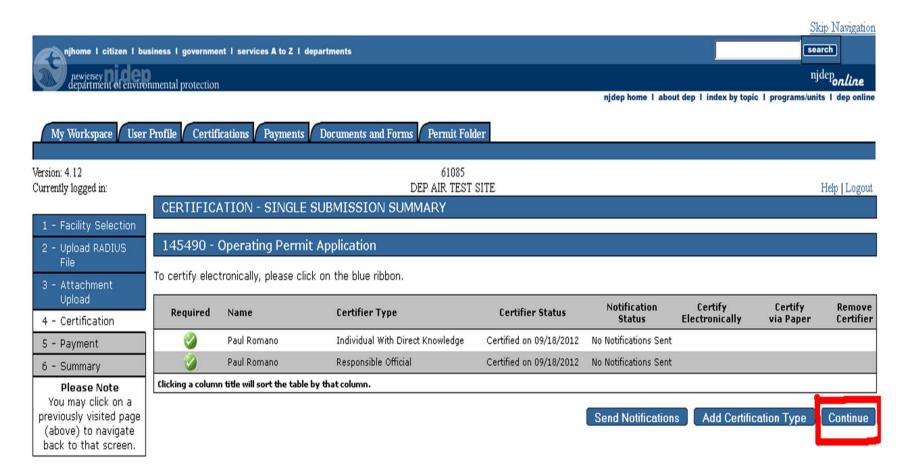
Electronic Certification



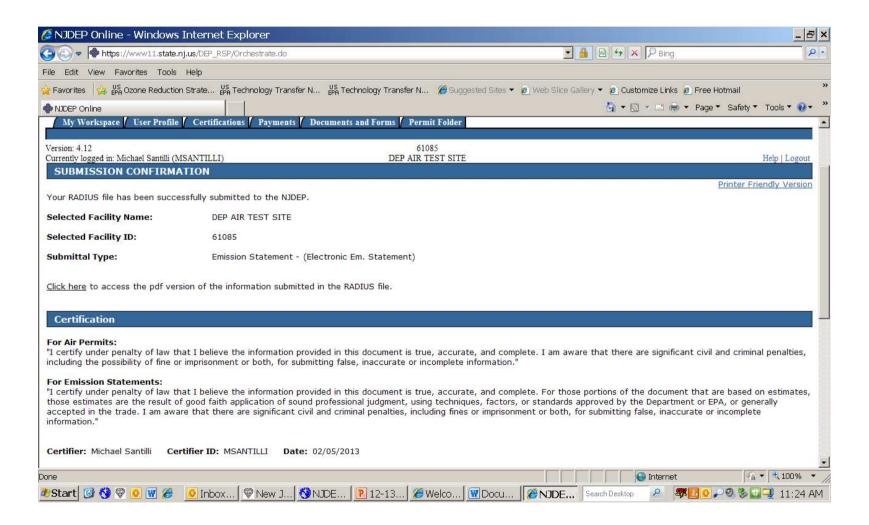
Electronic Certification



Electronic Certification



Submission Confirmation



My Workspace – My Services Submitted

My Services - Submitted



Note: If the status of your service is "Submission Failed - Please contact DEP," please send an e-mail to Portalcomments@dep.state.nj.us for assistance. Please include the Service ID number of the failed submittal in the message.

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ID	Application Name	Facility Name	Description	Status	Created Date	Last Modified Date	Summary	History	PDF
145490	Operating Permit Application	DEP AIR TEST SITE	RADIUS File Submission	Submission Successful	09/13/2012	09/18/2012	~		1
145457	Emission Statement	ARA	RADIUS File Submission	Submission Successful	09/06/2012	09/06/2012	~	\oint{\oint}	A
145450	Operating Permit Application	СНАМВ	RADIUS File Submission	Submission Successful	08/31/2012	08/31/2012	~		
145448	Operating Permit Application	CHAMB	RADIUS File Submission	Submission Successful	08/31/2012	08/31/2012	>	\oint{\oint}	
145445	Operating Permit Application	CHAMB	RADIUS File Submission	Submission Successful	08/31/2012	08/31/2012	~		
145444	Operating Permit Application	CORPORATION DBA PORT	RADIUS File Submission	Submission Successful	08/31/2012	08/31/2012	>	\oint{\oint}	
145442	Preconstruction Permit Application	CHAMB	RADIUS File Submission	Submission Successful	08/31/2012	08/31/2012	\oint{\oint}		5
145350	Preconstruction Permit Application	СНАМВ	RADIUS File Submission	Submission Successful	08/31/2012	08/31/2012	>	\oint{\oint}	
145349	Preconstruction Permit Application	CHAMB	RADIUS File Submission	Submission Successful	08/31/2012	08/31/2012			
145347	Preconstruction Permit Application	СНАМВ	RADIUS File Submission	Submission Successful	08/31/2012	08/31/2012	>	\oint{\oint}	
Clicking a column title will sort the table by that column.									

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RADIUS Help

- Forms, documents, instructions
 - http://www.nj.gov/dep/aqpp/applying.html
- RADIUS FAQ Document
 - http://www.nj.gov/dep/aqpp/faq.html
- Emission Statement
 - Webpage: http://www.nj.gov/dep/baqp/
 - Email: emis_statement@dep.state.nj.us
- Help Desk
 - RADIUS.....(609) 633-7259
 - Permitting(609) 633-2829
 - Emission Statements(609) 984-5453