

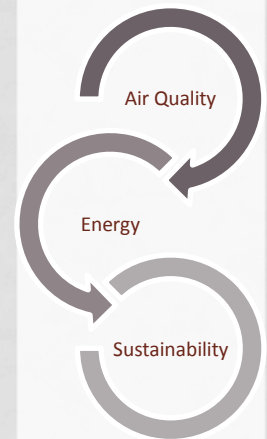


STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION



AIR PERMITTING ELECTRONIC SYSTEM

NJEMS – NEW JERSEY ENVIRONMENTAL
MANAGEMENT SYSTEM (DATABASE)



Presented by: NJDEP, Division of Air Quality

OVERVIEW

- NJEMS
- History and Development
- Programs covered
- Air Permitting
 - For Minor Facilities: (PCPs and General Permits)
 - For Major Facilities (Title V and General Operating Permits)
- Improvement and Benefits
- Requirements for online registration and submittals
- Fees
- Challenges
- Levels of Functionality
- Conclusion (tips to success of implementing permits)

NJEMS

- NJEMS - ***New Jersey Environmental Management System*** (client-server application)
- Oracle Database
- Transactional Web Portal allows on-line permit application processing and feeds database
- Consultant developed based on our specifications
- The primary relational key is the Site ID, with a separate linked ID for each program regulating activities at that site
- Present COTS version of the application is marketed by vendor CGI as “***CGI Advantage Permitting***”

HISTORY AND DEVELOPMENT

- **1997** - NJEMS was released including the RADIUS application to allow for electronic submittal of applications via disk
- **1999** – eNJEMS released allowing for online application of initial set of Air General Permits via **njdep-online**
 - Payments and renewals are online
 - Attachment submittals are online
 - Air GP online approval is immediate in most cases
- **2005** – DEP's Regulatory Services Portal (RSP) released allowing for expanded online services via **njdep-online**
 - RSP is CROMMER Compliant
 - Presently >175 services (spanning NJDEP) are available via **njdep-online**
- **2012** RADIUS Submittals online
- **2014** Air GOP online submittals

This is an on-going development process and your agency needs to know what are your main business/process needs before starting a design...

However, it's never too late to start

WHAT OTHER PROGRAMS ARE COVERED IN NJEMS?

- Air Permitting, Enforcement, Stack Testing, Risk Assessment, Emission Statements
- Water (NPDES Permits, Sludge Quality, DMRs)
- Site Remediation (UST, Remedial Case Mgt.)
- Land Use Permitting
- Water Supply Permitting
- Solid and Hazardous Waste Permitting & Registration
- Dam Safety
- Enforcement
- And MANY More

NJ AIR PERMITTING UNIVERSE

- Over 20 K regulated minor facilities and 250 Major Facilities.
- Over 35 K permits that we manage in our data base
- From those facilities the use of General Permits and case by case applications are:
 - 65% have general permits.
 - 25% have case by case permits.
 - 10% have case by case permits and general permits.
- For major facilities, 124 General Operating Permits have been received since 2013 and 25 % of the major facilities have applied for General Operating Permits.

TWO PERMITTING PROCEDURES FOR MINOR FACILITIES

- Case- by-Case
 - Preconstruction Permits (PCPs) – Electronic Application for 60 day average processing time
- General Permits (GPs) (pre-approved permit)
 - On-line Registration
 - Immediate authorization to construct
 - Pre-approved permit conditions to operate
 - Permit approval upon payment of registration fee
 - Flat Fee
 - PDF copy of submittal and approval of GP emailed to facility upon payment

TWO PERMITTING PROCEDURES FOR MAJOR FACILITIES

- Case- by-Case
 - Facility wide
 - Title V Operating Permits– Electronic Application -processing time varies
- General Operating Permits (GOPs) (pre-approved permit)
 - Equipment Specific
 - On-line Registration
 - Immediate authorization to construct
 - Pre-approved permit conditions to operate
 - Permit approval upon payment of flat fee
 - PDF copy of approved GOP emailed to facility upon payment
 - GOP incorporated into Title V Permit at renewal or modification

GENERAL PERMITS AVAILABLE

- Boilers up to 50 MMBTU per Hour
- Emergency Generators
- Combined and Heat Power Combustion Engines and Turbines (CHP)
- Fuel Dispensing Facilities
- Stationary Non-Floating VOCs Storage Tanks
- Solid Material Storage Equipment
- Site Remediation Activities
- Degreasers
- Dry Cleaning Facilities
- Plating Operations
- Manufacturing and Materials Handling Equipment
- Portable Equipment
- Research and Development

GENERAL OPERATING PERMITS AVAILABLE

- Boilers less than 10 MMBTU per Hour
- Emergency Generators
- Combined and Heat Power Combustion Engines and Turbines (CHP)
- Manufacturing and Materials Handling Equipment

IMPROVEMENTS / BENEFITS

- Improvement of Data Collected
- Emission Calculations on line
- Backlog Reductions – Processing Times
- Renewals for Minor Facilities
- Facilities and the Public can see the Permits
 - PDF of Application
 - Approved Permit
- Data Miner
 - What permits do I have?
 - Outstanding payments?

IMPROVEMENTS / BENEFITS

- Consistency in permitting
- Connection to enforcement activities
- Ability to mine data and prepare reports
- Maintain accounting and billing information
- Activity tracking ability (allows for workload management)
- Site connection to other media programs
- Electronic storage of applications and permits

REQUIREMENTS FOR ONLINE BUSINESS PORTAL SUBMITTAL

- All online permitting process is through our NJPORTAL
- Facility needs a Program Interest Number
- Create a "My New Jersey Account" online to be able to login;
 - Create General Permit(s);
 - Submit Radius applications,
 - Pay the fees,
 - See permit certificate(s)
 - Various Enforcement submittals



ONLINE PERMITTING PROCESS

Governor Chris Christie • Lt. Governor Kim Guadagno

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STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION



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njdep
online

your portal to e-government services



Welcome to New Jersey Department of Environmental Protection's Online Business Portal

The NJDEP Online system can be accessed via the myNewJersey Portal at <http://www.nj.gov> or accessed directly from this page by selecting 'Log in to NJDEP Online'. You will be required to have a myNewJersey Portal account in order to access NJDEP's online services. If you do not have a myNewJersey Portal account you will be able to create one during the registration process. You will also be able to use this same myNewJersey account to access other services provided by other New Jersey Departments.

NJDEP Online offers 2 different types of services, Non-registered and Registered:

- 1 Non-registered Services** do not require NJDEP Online or myNewJersey account creation and can be accessed without logging in:
 - [Pay a Paper Invoice](#) (Certain invoice types are not available for online payment)
 - [Documents and Forms](#)
 - [Pay for a License](#)
 - [Pesticide Product Registration](#)
 - [Saltwater Angler Registration](#)
 - [Request a Waiver](#)
 - [Vehicle Registration Renewal](#)
(Recommended renewal method for companies with 10 or fewer vehicles)
- 2 Registered Services** require users to create a NJDEP Online and myNewJersey account:
 - [View Registered Services](#) (You must be logged in to use these services)

Already a Registered User?

[Login to NJDEP Online](#)

Some NJDEP Online services have associated fees. A Visa, MasterCard, Discover, American Express credit card, or a valid checking account is required for online payment of the required fees.



[Forgot your password?](#)

New User?

Please read the following instructions carefully before continuing:
[Registration Instructions](#)
(PDF - 626KB)

[Request Access to NJDEP Online](#)

For use with Microsoft Internet Explorer 9.0, Microsoft Internet Explorer 10.0 in Compatibility Mode, or Mozilla Firefox 26 or later.

What's New

MY WORKSPACE

Service Selection

Note: Access to this electronic service selection and submittal area is granted by selecting facilities using the [user profile](#). Some services are accessible without selecting facilities as shown below

Air Program

- [RADIUS File Submission](#)
- [General Permits \(for minor source facilities only\)](#)
- [General Permits - NJDEP Staff](#)
- [General Operating Permits \(for Title V major source facilities only\)](#)
- [Permit/Certificate Folder](#)
- [NOx RACT Combustion Adjustment](#)

My Services - In Progress

Note: To edit or resume working on an "In Progress" item, please click on the appropriate number in the ID column.

You do not have any "In Progress" Services.

My Facilities/Program Interests

My Services - Submitted

Configure Workspace

Version: 5.7

Currently logged in: Mayra Reyes (MREYES1)

61085

DEP AIR TEST SITE

PERMIT TYPE SELECTION

1 - Permit Name

2 - Select Facility

3 - Permit Type

4 - Permit Procedures

5 - Permit Contacts

6 - Industrial Codes

7 - Permit Details

8 - Certification

9 - Payment

Please Note

You may click on a previously visited page (above) to navigate back to that screen.

- [GP-001A Solid Material Storage Equipment](#)
- [GP-002 Confined Abrasive Blasting Equipment](#)
- [GP-003 Woodworking Equipment](#)
- [GP-004A Fuel Dispensing Facilities](#)
- [GP-005A Emergency Generator\(s\) burning Distillate Fuels](#)
- [GP-005B Emergency Generator\(s\) burning Gaseous Fuels](#)
- [GP-007 Stationary Non-Floating Roof Storage Tank\(s\) Storing Volatile Organic Compounds \(VOCs\)](#)
- [GP-008 Site Remediation Activities for Gasoline Contamination at Vehicle Fueling Stations](#)
- [GP-009A Boilers & Indirect Fired Process Heaters Each \$\geq 10\$ MMBTU/hr & \$< 50\$ MMBTU/hr Combusting Gaseous Fuel Only](#)
- [GP-010 Non-Hap VOC Solvent Degreasing Operations](#)
- [GP-011 Methylene Chloride or 1,1,1 Trichloroethane Solvent Degreasing Operations](#)
- [GP-012A Perchloroethylene Drycleaning Equipment](#)
- [GP-013 Non-Hap Drycleaning Equipment](#)
- [GP-016 Small Emitter General Air Permit](#)
- [GP-017A Boiler\(s\) and/or Heater\(s\) Each Less Than 5 MMBTU/hr](#)
- [GP-018 Boilers And/Or Heaters Each \$< 10\$ MMBTU/hr](#)
- [GP-019 Portable Equipment](#)

FEES

- Credit Card



- Bank routing number (e-check)



- Bill Me Later – Challenging



CHALLENGES

- Rule Changes
- Funding
- In house Development



WHAT LEVEL OF FUNCTIONALITY?

- Electronic Applications?
- On Line Submissions?
- Auto Approvals?
- Payments?



RULES TO SUCCESS OF IMPLEMENTING PERMITS

- You are NOT married to your current process!!!!!!
- Develop process flows of how it should work
- Use the 80/90% rule in your decision making
 - Do NOT engineer your process for 10 or 20% of your universe
 - Keep the case by case review for the challenging scenarios

CONTACT INFORMATION

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