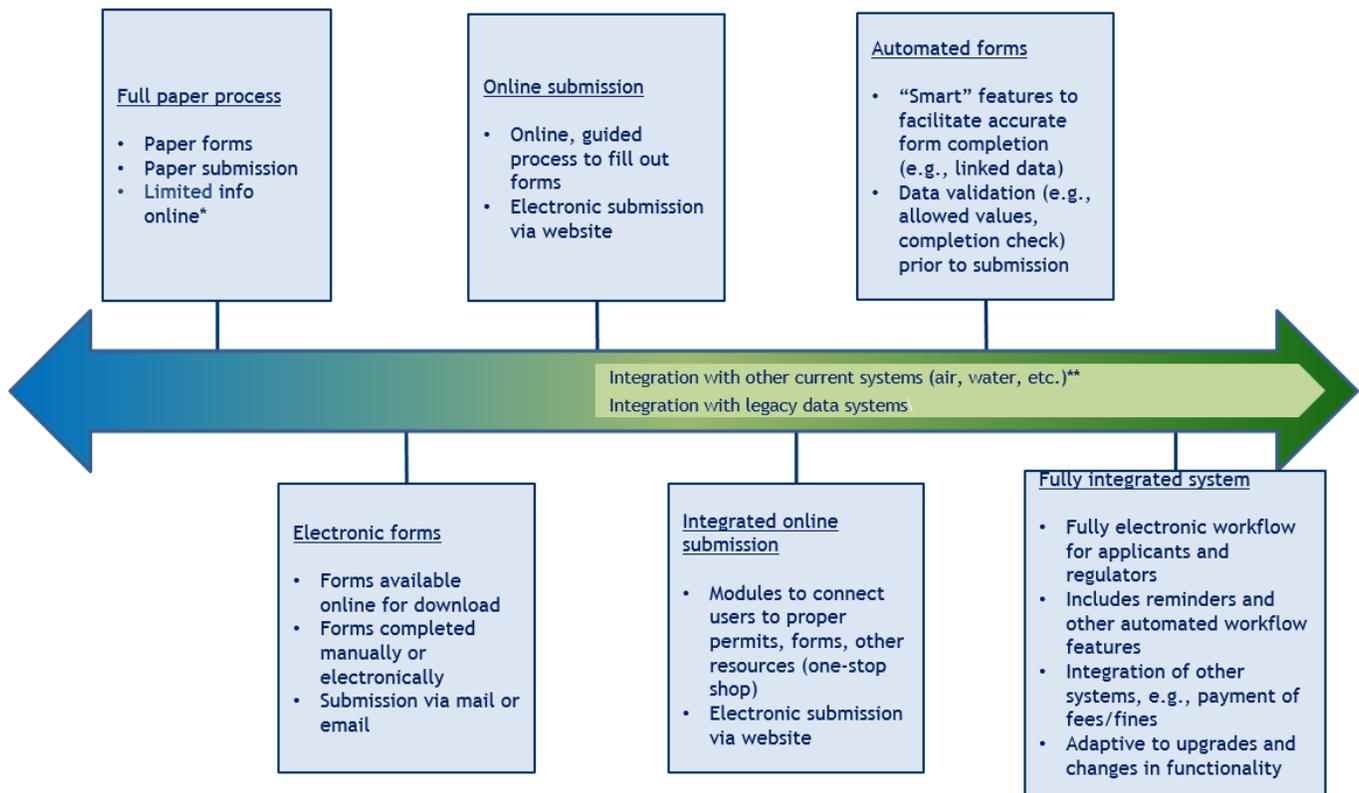**What is the eAirPermitting Project?**

The DNR is in the early stages of developing business requirements for a replacement of the State Permitting & Air Reporting System (SPARS).   SPARS was built in the late 1990's for outdated hardware specifications and using technology that is difficult to maintain. Most of the forms required as a component of the application are outdated.

It is an opportunity to build from the momentum of the State & Local Emissions Inventory System (SLEIS) project and develop a modern and efficient e-permitting application and tracking system. The DNR's eAirPermitting project has received national attention as a possible solution to the problem of legacy electronic permit application systems (multi-media).

The goal of this project is to accurately gather requirements to build a solution that simplifies the application process for customers providing an easy-to-use portal for submitting and tracking permit applications online.

Spectrum of Electronic Permitting Systems

Full paper process

- Paper forms
- Paper submission
- Limited info online*

Online submission

- Online, guided process to fill out forms
- Electronic submission via website

Automated forms

- "Smart" features to facilitate accurate form completion (e.g., linked data)
- Data validation (e.g., allowed values, completion check) prior to submission

Integration with other current systems (air, water, etc.)**
Integration with legacy data systems

Electronic forms

- Forms available online for download
- Forms completed manually or electronically
- Submission via mail or email

Integrated online submission

- Modules to connect users to proper permits, forms, other resources (one-stop shop)
- Electronic submission via website

Fully integrated system

- Fully electronic workflow for applicants and regulators
- Includes reminders and other automated workflow features
- Integration of other systems, e.g., payment of fees/fines
- Adaptive to upgrades and changes in functionality

Source: EPA E-Enterprise Scoping Report, Dec 2015

2/16/2016

2/16/2016 DRAFT

eAirPermitting Context Level Diagram

Form Changes

Engineers/ Environmental Specialists

Modify Forms for User Interface

Regulatory Updates

Open Records Request

SPARS (Legacy Permit Application and Tracking System)

Project Tracking

Issued Permit

Inspections

Fees

SPARS Data Download

Permit Tracking

Field Office Compliance Database

SLEIS Emission Inventory

Stack Test

Facility Explorer

Construction Permit Search

AQWebApps

Facility