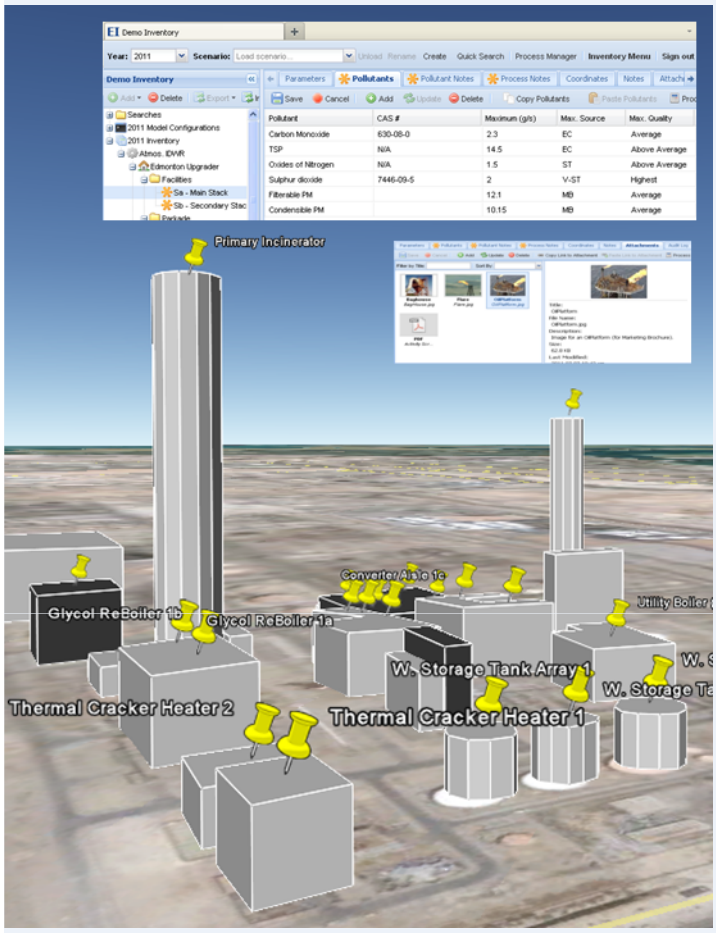
RWDI

CONSULTING ENGINEERS
& SCIENTISTS

Web-Enabled Emission Inventory Tool – WEIT

Collecting, Managing, and Reporting Emissions – Made Easy!



For most companies required to report their emissions, the process of collecting, managing, and reporting is fragmented, time-consuming, and needlessly expensive. Data are collected on spreadsheets scattered across your organization, harmonizing is confusing, and QA is laborious. Valuable staff resources are tied up with annual reporting requirements, year after year. In addition, the regulatory reporting environment keeps changing.

RWDI's Web-Enabled Emissions Inventory Tool (WEIT) is here to help. WEIT's clean interface and searchable contents lets you find information in a couple of mouse clicks. The reporting engine generates easy-to-read documents suitable for regulatory requirements. With tie-ins to atmospheric dispersion models, WEIT helps to determine where your emissions will end up. WEIT's integrated calculators can determine emission rates when measured data aren't available. And because WEIT is web-based, it can be accessed anywhere, anytime!

WEIT is a tool for any organization that wants to simplify the task of collecting and managing their emissions data. Whether a university with laboratory fume hoods, a factory with ventilation stacks, a quarry fleet disturbing surface dust, or a large company with multiple facilities throughout the world, WEIT makes emissions data management clear and easy.

WEIT HOSTING OPTIONS

Want RWDI to host and populate WEIT for you?

Be truly headache-free and gain from our experience with emissions by having RWDI collect, manage, and prepare your data on your behalf. Using WEIT in the background, we'll generate the reports you need with none of the hassles.

Want RWDI to host WEIT for you?

RWDI can free you from the hassles of setting up your own infrastructure by hosting the data for you. RWDI-hosted data is stored at a secure location and housed on multiply-redundant, automatically backed-up systems, so you have peace of mind that your data is safe.

Want to host WEIT yourself?

The WEIT databases and web servers can be hosted locally, at your facility. You get complete control over your data and infrastructure. You're free to make your own decisions on user access, maintenance schedules, file size limitations, etc.

WEIT Can Help With...

- Regulatory Reporting
- Year-over-year emission comparison
- Alternate-scenario analysis
- NPRI/GHG data collection and reporting
- Integration with common dispersion models (AERMOD, CALPUFF)

Other products and services from RWDI Environment

- Environmental Impact Assessments
- Regional Airshed Modelling
- Meteorology
- Ambient Monitoring
- Environmental Policy
- Odour Assessments
- Ventilation & Control Systems
- Stack Testing
- Laboratory Services
- Real-Time Modelling
- Visualization of Air Quality, Meteorology or Weather Forecast Data

WEIT Features

- An intuitive, web-based interface to enter and modify operation, facility, source, and emission data
- Powerful import/export capabilities to allow fast bulk loading of the system
- Industry-standard calculators (AP-42, Ontario Ministry of the Environment, etc.) that determine emission rates based on commonly-known process parameters
- Report generators and GIS exporters that output emission data in standard formats
- Arbitrary-format attachments let you associate images, PDFs, spreadsheets, etc. to your data
- Noise module allows parallel tracking of sound sources
- Tools to facilitate atmospheric dispersion modelling (e.g. CALPUFF, AERMOD)
- Multi-year and "Scenario" concepts that capture ongoing, alternative, or hypothetical operating conditions
- Powerful auditing capabilities that track changes to data and provide a comprehensive audit trail.

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