

How safe is the water I Drink?

How healthy is my Watershed?

Is my water safe for drinking?



Introducing Green view a very efficient system for entering, storing, reporting, environmental and ground water monitoring data.

Green view is a Windows-based continuous watershed quantity and quality program intended for watershed management for managing and displaying site environmental data. This J2EE and Oracle 10g based application provides the most powerful features available for managing environmental data.

It is a user-customizable database of water, metals, nutrients, soil properties and drinking water standards information.

Green view includes environmental database management and graphical applications for tracking and analyzing ground-water data at EPA and EPD facilities, and for surface water, ground water, soil, ash, sludge, bio-tissue, metals, nutrients and air pollution monitoring data.

Green view provides Watershed Assessment, Tracking & Environmental Results that unites water quality information that was previously available only from several independent and unconnected databases.

Green view has the powerful tool for displaying the information by generating maps and reports.

Environmental Protecting Agency is committed to monitor various environmental indicators used to measure, changes in the environment and weather; quality of land, air and water data is acquired from various measuring devices.

EPA's primary functions involve:

- Monitor various environmental indicators used to measure changes in the environment weather quality of land, air and water data acquired from various measuring devices.
- Collected sample from Water streams, lake, Rivers, ponds and water wells. The data collection centers are spread over across various counties in the state.
- Monitor over 25 impurities in water and analyze the samples. The samples need to be collected periodically and tracked over a period of time.
- Track and display the impurities in compliance with available state and federal guidelines.

Why is the data monitored?

The monitoring allows EPA (environment protection agency) to establish specific procedures to dispose the waste water from various industries in the state causing minimum erosion on damage to the water quality.

The legacy way of monitoring

- Earlier the data was collected and transferred to EPA for analysis and modeling.
- Data was transferred on need to share basis using proprietary application.
- The data was not easily accessible to other environmental friendly agencies or people outside EPD.
- The data was stored in legacy databases which had capacity to handle small data size.

Concept introduces "Green View" a user friendly application with following capabilities

- Enables to standardize, normalize, and centralize the data storage.
- Utilizes enterprise based user friendly WEB-interface to view and publish the data to Outside world.
- "GreenView "is designed and engineered as an enterprise scalable application which is highly reliable and easy to use architecture to meet the user needs.

Features of "GreenView"

- Uses Enterprise J2EE application to process the data and allow general public to review the data over the website.
- User interface is designed using Web 2.0 standard such as DHTML and AJAX.
- Utilize the GIS Module to map and display data from the remote station.
- The data can be presented in the web interface by displaying actual satellite imaginary of the Data Station in the State.
- Provide visual alerts on the data stations based on the dynamic data collected data.
- In build data migration tools convert data from Legacy database to Oracle 10g
- Custom interface to input data directly from the data station.

Benefits of "Green View"

- Data is stored on a central server
- Data can be presented to any individual over a easy to sue web interface
- Enterprise architecture enables to migrate data from Legacy database to state of art Oracle Database for easy storage and retrieval of large amount of data collected over decades of time period.
- User friendly interface enables to retrieve appropriate data in a short time.
- Easily customization of software application and various parameters.

Existing reference

Concept has successfully implemented "GreenView" at Environment protection division of Georgia. The link to the website is <http://www.georgiaepd.org/dnr/wrdb>

About Concept Software

Concept Software & Services, Inc. Is a US based software solutions Company with an impressive track record for providing value added solutions and services to fortune 5000 companies. Our services and solutions include comprehensive IT consulting practice, custom software development, and IT Talent acquisition. Concept is a recipient of Inc. 5000 award and is certified Minority Business Enterprise (GMSDC Certified) and a certified Small Disadvantage business Enterprise (DBE certified by GDOT). World headquarters in Georgia, Concept and its teaming partners are focused to provide solutions and services to redefining IT.

Call **(770) 3200 9486** to setup a web-ex session or visit our site <http://www.concept-inc.com>

CERTIFICATIONS

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