

# Seattle Public Utilities I-SCADA Portal

Purpose and Use

*Presented by William Broadnax*



# What is the I-SCADA Portal?

A internal web site that provides centralized access to the I-SCADA IMS and all of its related data and applications. It is intended to be a “one-stop shopping” location for all of SPU’s data needs that relate to SCADA acquired or associated data. Whether viewing the data on graphs and charts, or downloading the data for further local analysis and processing.

# IMS Portal

Allows users to view data, reports, charts and extract data collected from SPU SCADA Systems, data loggers, and select external sources. The central location where this time series data is stored, managed, and controlled.





# Related Applications

- \* Water System Operating Plan
- \* System Performance Analyzer Alerts
- \* Data Quality Monitor Alerts
- \* Operators Logs
- \* Data Logger Upload
- \* QA/QC Data Processing

# Water System Operating Plan (WSOP)



The WSOP is largely based on the current Operations Planning and Scheduling Guidelines – a word document that is produced weekly. It contains not only the instructions and guidelines for the operators, but also a wide assortment of other related information. This information is presented in the actual plan in the “**INSTRUCTIONS**” section from the related information which now shows up under the “**STATUS**” section .

section .  
shows up under the “STATUS,”  
related information which now  
“INSTRUCTIONS,” section from the  
presented in the actual plan in the  
information. This information is  
assortment of other related

# Operators Log

Seattle Public Utilities  
SPU Control Center Operator's Log  
Open Log

User ID: BROADNH  
Use Logbook:  
 All logbooks  
 DWH  
 Landburg  
 OCC

Show City Form  
Show Search Options

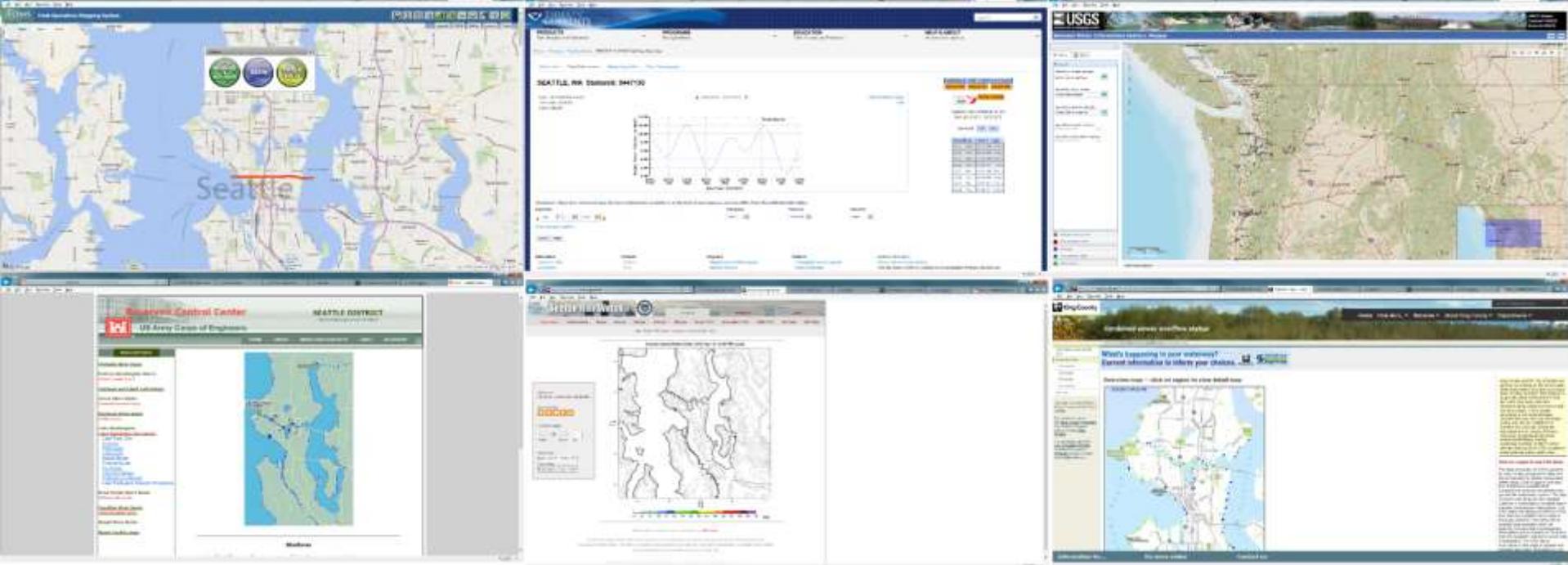
Showing 1 - 20 of 1098 items (page 1 of 55)

Details	Event Date	Logged By	Reported By	Event Location	Event Remarks	Action Taken	Logbook
1020	04/04/2015	ERICSDM	M. Ericson	OCC	M. Ericson is on duty at the control		OCC
1020	04/05/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/02/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/11/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/10/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/10/2015	ERICSDM	M. Ericson	OCC	M. Ericson is on duty at the control		OCC
1020	04/09/2015	ERICSDM	M. Ericson	OCC	M. Ericson is on duty at the control		OCC
1020	04/09/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/06/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/07/2015	ERICSDM	M. Ericson	OCC	M. Ericson is on duty at the control		OCC
1020	04/05/2015	STOKESM	Joseph Guzman	Tall Warehouse	At approximately 13:15 hours today,	Relayed requested operation to Tall C.	OCC
1020	04/03/2015	STOKESM	M. Stokes	Landburg	At approximately 12:00 hours today,	Relayed requested operation to Landlb.	OCC
1020	04/06/2015	STOKESM	M. Stokes	Landburg	At approximately 10:45 hours today,	Relayed requested operation to Landlb.	OCC
1020	04/05/2015	STOKESM	M. Stokes	Landburg	At approximately 10:45 hours today,	Relayed requested operation to Landlb.	OCC
1020	04/09/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/05/2015	STOKESM	M. Stokes	Landburg	At approximately 10:35 hours today,	Relayed requested operation to Landlb.	OCC
1020	04/25/2015	STOKESM	M. Stokes	Landburg	At approximately 9:50 hours today,	Relayed requested operation info to	OCC
1020	04/05/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/05/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/02/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC
1020	04/02/2015	STOKESM	M. Stokes	OCC	M. Stokes is on shift at the OCC		OCC

1020 1020 1020 1020

Used for Operations changes, issues, Treatment changes, leaks, RFI control or or complex repairs, prevention, Repair, Outage projects, Chemical deliveries, not used for Treatment issues, Network.

Used for operational issues, treatment changes, issues. Intruders, planned tours, repairs, Construction projects and chemical deliveries.



- A large portion of the related applications have a primary purpose of analysis and data quality management.
- The central location for all SCADA like data has created a greater demand not only for more data but for more tools. Many of these tools have been developed as separate applications.
- In the near future the next version of the Portal will integrate more of our real time data sources along with provide better integration with our other applications (i.e. Field Operations Mapping Systems (FOMS), Wonderware, ADS, USGS, USACOE) for example.
- Q&A