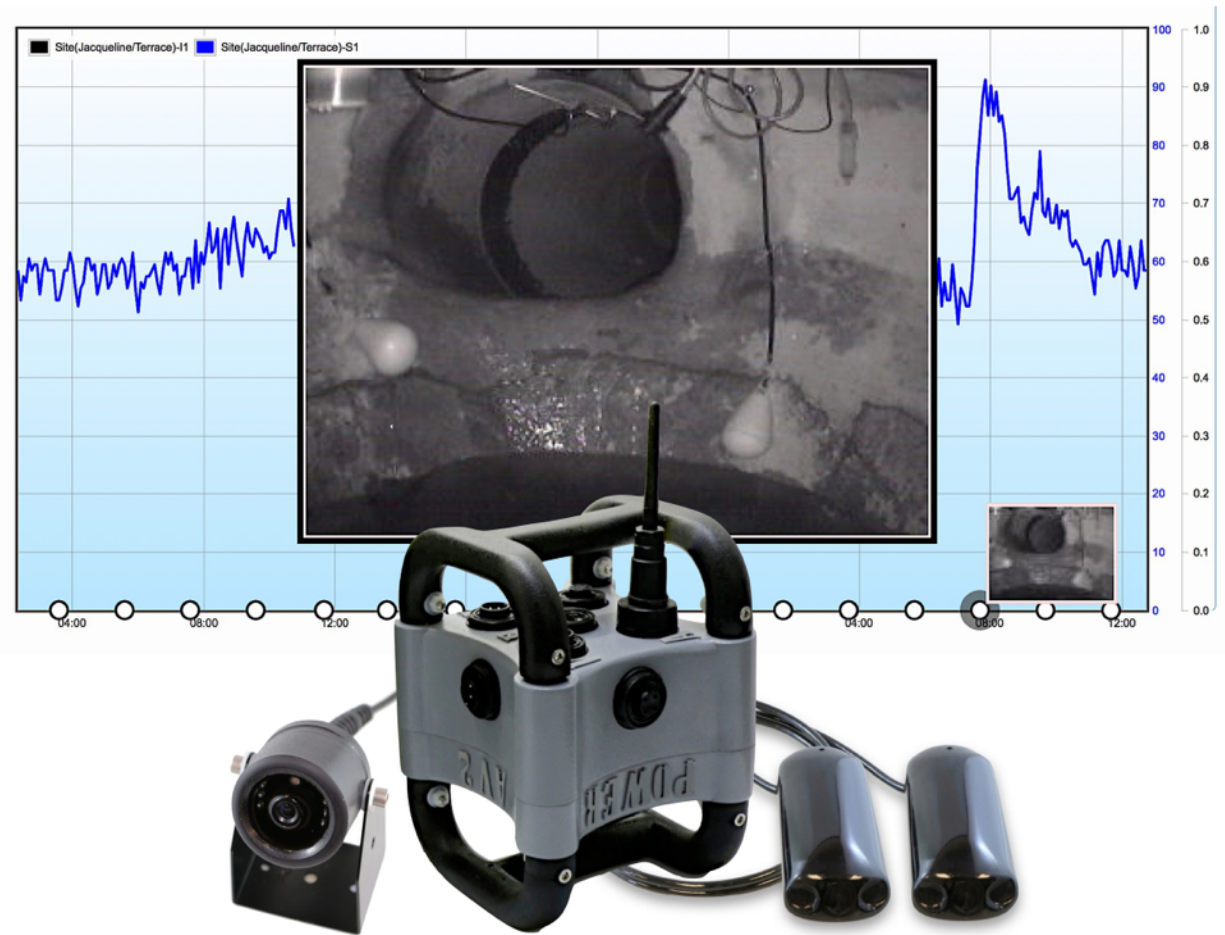


# ZiScape™

## EARTH MONITORING DATABASE INC.



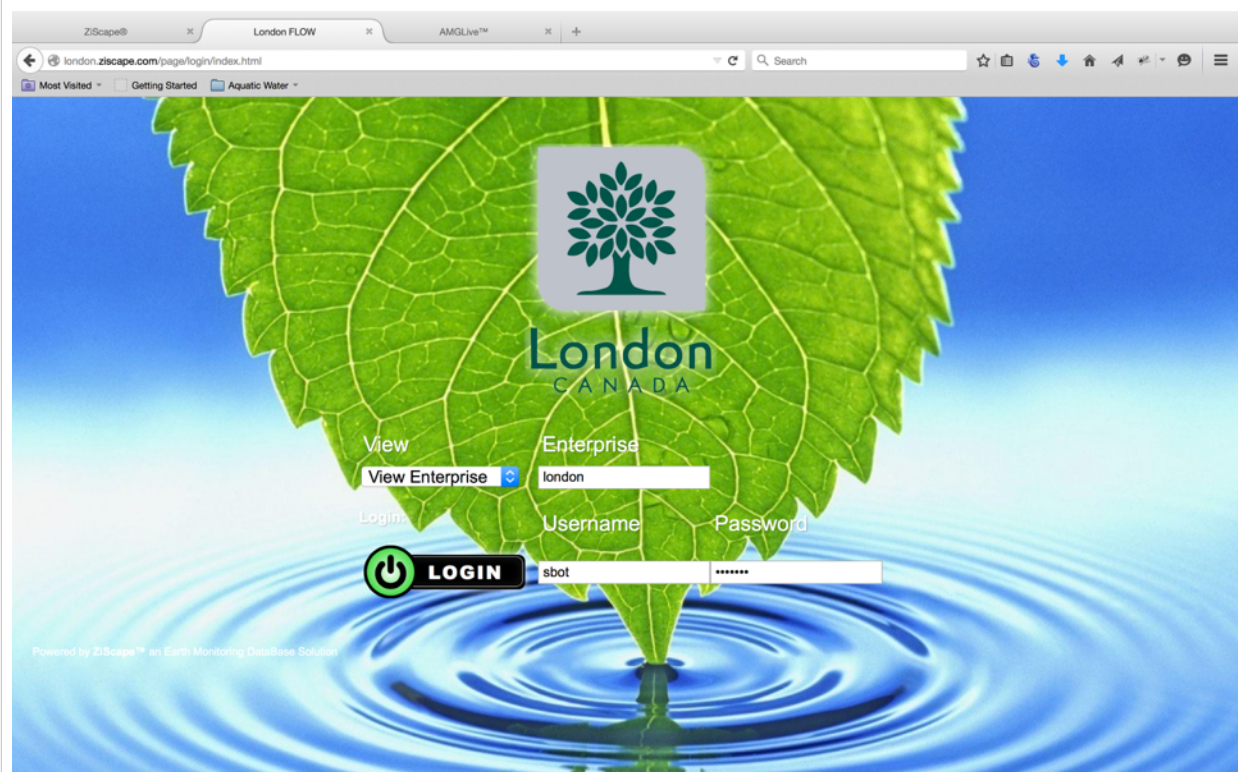
## REPORTING FEATURES

## ZiScape™ Features

This document shows only a few of the many ZiScape™ features available today, using a simple point form graphical interface.

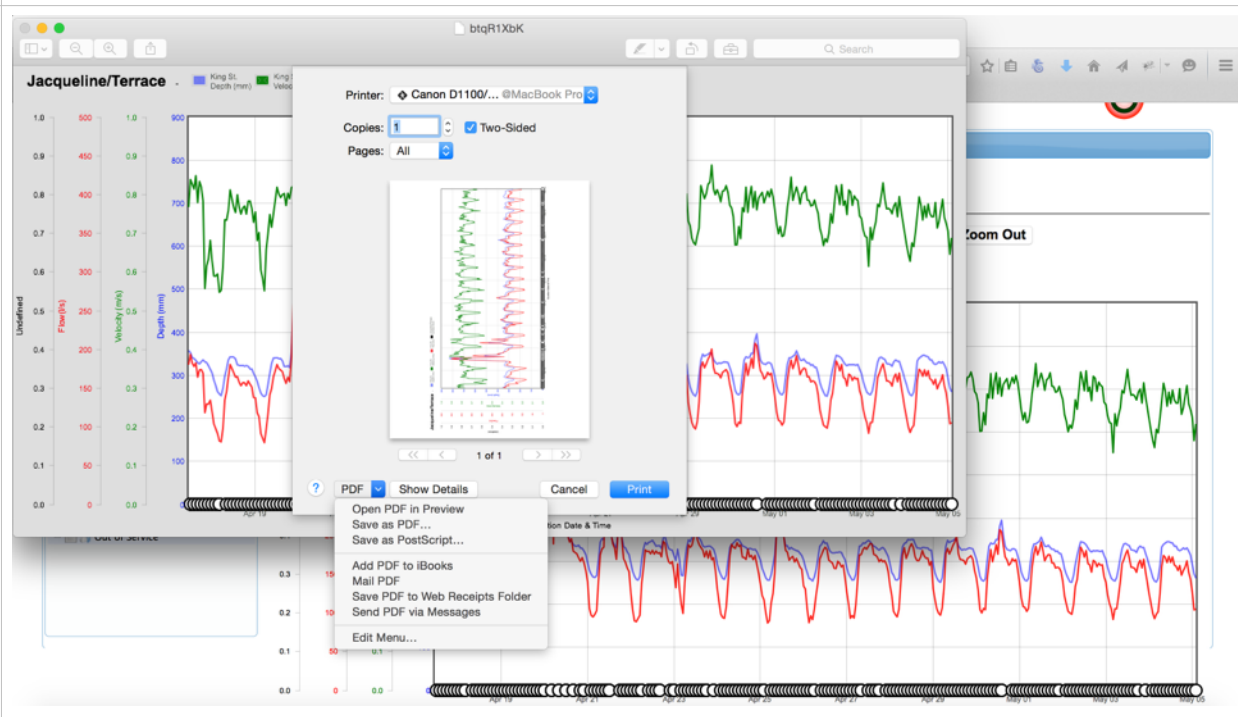
### CUSTOM LOGIN SCREENS

- Browser Web Platform
- Custom Logos
- Very Secure User and Password
- Access Admin, Project
- Multiple Project Access



# POWERFUL PLOTTING ENGINE

- Integrated Time Stamped MultiMedia, Images, Video
- View Multiple Sites, Channels and Projects
- Flow and Data Balance
- Print - Save - Email Reports (ON-THE-FLY)



# DATA REPORTING TOOLS

- Data Statistical Tools Built In
- PDF, CSV, COPY, PASTE EXCEL
- View Multiple Sites, Channels and Projects
- Flow and Data Balance
- Print - Save - Email Reports (ON-THE-FLY)

The screenshot shows the 'Data Reporting Tools' interface. On the left, a tree view lists various sites and their associated data points. The main area displays a table of data for a selected site, with columns for Sample Time, Site:King St. Depth (mm), Site:King St. Velocity (m/s), Site:King St. Flow (l/s), Site:Jacqueline/Terrace:Depth (mm), Site:Mill/Talbot (Sanitary):San Depth (mm), Site:White Oaks (east side):San Depth (mm), Site:White Oaks (west side):San Depth (mm), Site:York/Ridout:San Depth (mm), Site:Grey Street:San Depth (mm), and Site:Hill (west side):San Depth (mm). The table shows data for various dates and times, with values ranging from 0.51 to 0.76 for velocity and 340.35 to 344.50 for depth.

Sample Time	Site:King St. Depth (mm)	Site:King St. Velocity (m/s)	Site:King St. Flow (l/s)	Site:Jacqueline/Terrace:Depth (mm)	Site:Mill/Talbot (Sanitary):San Depth (mm)	Site:White Oaks (east side):San Depth (mm)	Site:White Oaks (west side):San Depth (mm)	Site:York/Ridout:San Depth (mm)	Site:Grey Street:San Depth (mm)	Site:Hill (west side):San Depth (mm)
05/06/2015 11:36	340.35	0.51	111.74	59.48	317.95	13.66	76.00	21.88	351.18	-1317.95
05/06/2015 11:40	344.50	0.65	144.49	59.48	314.86	21.87	84.21	23.93	354.28	-1317.95
05/06/2015 11:45	346.58	0.59	133.47	57.43	313.82	28.03	72.92	22.90	352.21	-1317.95
05/06/2015 11:50	345.54	0.63	141.48	53.33	316.92	19.82	74.97	20.86	355.31	-1317.95
05/06/2015 11:55	349.69	0.60	136.91	50.26	311.76	30.08	90.37	20.86	356.34	-1317.95
05/06/2015 12:00	346.58	0.61	136.85	47.18	311.76	19.82	82.16	20.86	359.44	-1317.95
05/06/2015 12:05	346.58	0.66	147.92	47.18	312.79	24.95	68.82	20.86	350.14	-1317.95
05/06/2015 12:10	343.46	0.66	147.03	50.26	311.76	30.08	70.87	21.88	344.98	-1317.95
05/06/2015 12:15	344.50	0.54	121.19	46.16	310.73	32.13	78.05	21.88	348.08	-1317.95

The screenshot shows the 'Data Reporting Tools' interface with a detailed data table. The table has columns for Sample Time, Site:King St. Depth (mm), Site:King St. Velocity (m/s), Site:King St. Flow (l/s), Site:Jacqueline/Terrace:Depth (mm), Site:Mill/Talbot (Sanitary):San Depth (mm), Site:White Oaks (east side):San Depth (mm), Site:White Oaks (west side):San Depth (mm), Site:York/Ridout:San Depth (mm), Site:Grey Street:San Depth (mm), and Site:Hill (west side):San Depth (mm). The table shows data for various dates and times, with values ranging from 0.51 to 0.76 for velocity and 340.35 to 344.50 for depth. A zoomed-in view of the data is shown in the foreground, highlighting the 'Site:York/Ridout:San Depth (mm)' column.

Sample Time	Site:King St. Depth (mm)	Site:King St. Velocity (m/s)	Site:King St. Flow (l/s)	Site:Jacqueline/Terrace:Depth (mm)	Site:Mill/Talbot (Sanitary):San Depth (mm)	Site:White Oaks (east side):San Depth (mm)	Site:White Oaks (west side):San Depth (mm)	Site:York/Ridout:San Depth (mm)	Site:Grey Street:San Depth (mm)	Site:Hill (west side):San Depth (mm)
05/06/2015 11:35	340.35	0.51	111.74	59.48	317.95	13.66	76	21.88	351.18	-1317.95
05/06/2015 11:40	344.5	0.65	144.49	59.48	314.86	21.87	84.21	23.93	354.28	-1317.95
05/06/2015 11:45	346.58	0.59	133.47	57.43	313.82	28.03	72.92	22.9	352.21	-1317.95
05/06/2015 11:50	345.54	0.63	141.48	53.33	316.92	19.82	74.97	20.86	355.31	-1317.95
05/06/2015 11:55	349.69	0.6	136.91	50.26	311.76	30.08	90.37	20.86	356.34	-1317.95
05/06/2015 12:00	346.58	0.61	136.85	47.18	311.76	19.82	82.16	20.86	359.44	-1317.95
05/06/2015 12:05	346.58	0.66	147.92	47.18	312.79	24.95	68.82	20.86	350.14	-1317.95
05/06/2015 12:10	343.46	0.66	147.03	50.26	311.76	30.08	70.87	21.88	344.98	-1317.95
05/06/2015 12:15	344.5	0.54	121.19	46.16	310.73	32.13	78.05	21.88	348.08	-1317.95
05/06/2015 12:20	345.54	0.58	129.78	46.16	310.73	32.13	78.05	21.88	348.08	-1317.95
05/06/2015 12:25	343.46	0.55	123.6	46.16	310.73	32.13	78.05	21.88	348.08	-1317.95
05/06/2015 12:30	339.31	0.63	137.17	46.16	310.73	32.13	78.05	21.88	348.08	-1317.95
05/06/2015 12:35	341.38	0.6	133.88	46.16	310.73	32.13	78.05	21.88	348.08	-1317.95

# POWERFUL ALARMING

- Alarm Groups
- Email, Txt , or Fax Alarms
- View Alarms on MAP or Table
- Allow Sleep Mode
- Create Alarms on Equations
- Create and Export Alarm Reports
- View WIRELESS / SITE and HARDWARE Maintenance Alarms
- Easy SetUp

SiteReportsBatch AnalysisAlarmsGoogle MapConfiguration

Wireless

CopyCSVExcelPDFPrint

ShowAllentries

Monitor Id	Name	Value
FS20140601	EMD_LASTSAMPLE_TIME	05/09/2015 09:49
FS20140602	EMD_LASTSAMPLE_TIME	05/09/2015 09:54
FS20140603	EMD_LASTSAMPLE_TIME	05/09/2015 10:34
FS20140604	EMD_LASTSAMPLE_TIME	05/09/2015 09:52
FS20140605	EMD_LASTSAMPLE_TIME	05/09/2015 09:55
FS20140606	EMD_LASTSAMPLE_TIME	05/09/2015 10:23
FS20140607	EMD_LASTSAMPLE_TIME	05/09/2015 09:42
FS20140608	EMD_LASTSAMPLE_TIME	05/09/2015 09:51
FS20140609	EMD_LASTSAMPLE_TIME	05/09/2015 09:45
FS20140610	EMD_LASTSAMPLE_TIME	05/09/2015 10:36
FS20140611	EMD_LASTSAMPLE_TIME	05/09/2015 09:38
FS20140612	EMD_LASTSAMPLE_TIME	05/09/2015 09:50
FS20140613	EMD_LASTSAMPLE_TIME	05/09/2015 10:28
FS20140614	EMD_LASTSAMPLE_TIME	05/09/2015 09:45
FS20150305	EMD_LASTSAMPLE_TIME	05/09/2015 10:20
FS20150314	EMD_LASTSAMPLE_TIME	05/09/2015 10:10

Showing 1 to 16 of 16 entries

PreviousNext

Site Alarms

Monitor Alarms

AnalysisBatch (Line)Batch (Scatter)DownloadEventsMapsSettingsSite Info

sitechannel\_1BW\_S1

Site ID: 1BWChannel ID: S1Channel Name: Depth(mm)

Add Data FeedAdd AlarmAdd Variable

ALARMS

Add Alarm

CopyCSVExcelPDFPrint

Show10entries

Alarm Id	Name	Function	Threshold Type	Threshold	Magnitude	Notify	Notify Frequency	Group
1	75% Full Pipe	Greater Than or Equal To	Constant	1125	1	EMD_PEEL_BRAMPTON	3600	1
2	100% Full Pipe	Greater Than or Equal To	Constant	1500	1	EMD_PEEL_BRAMPTON	3600	2

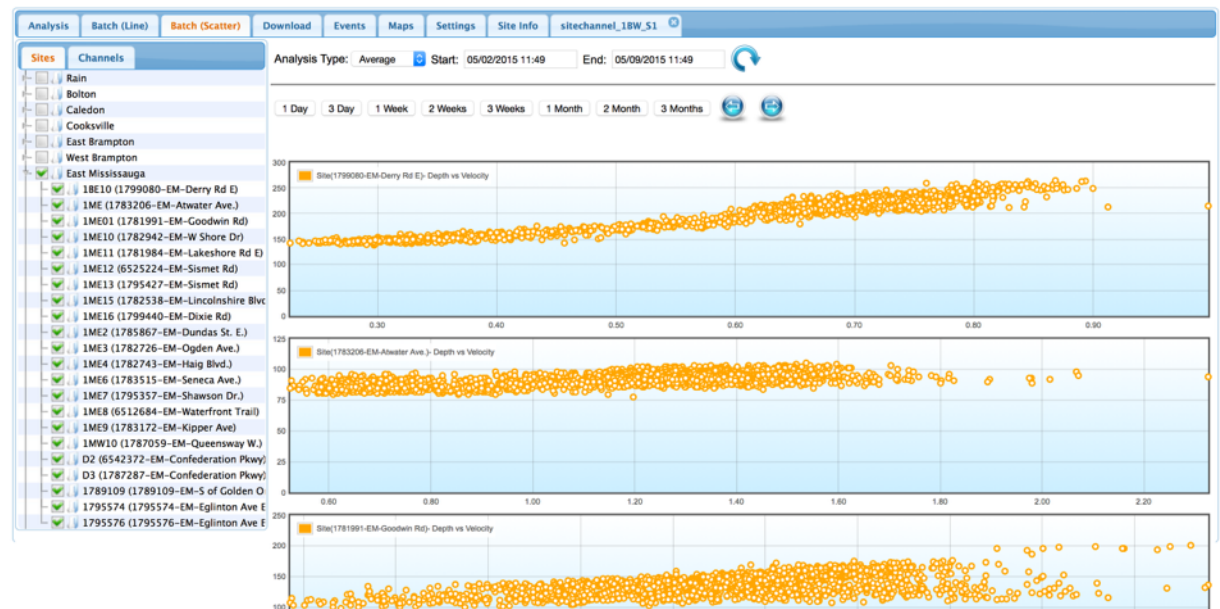
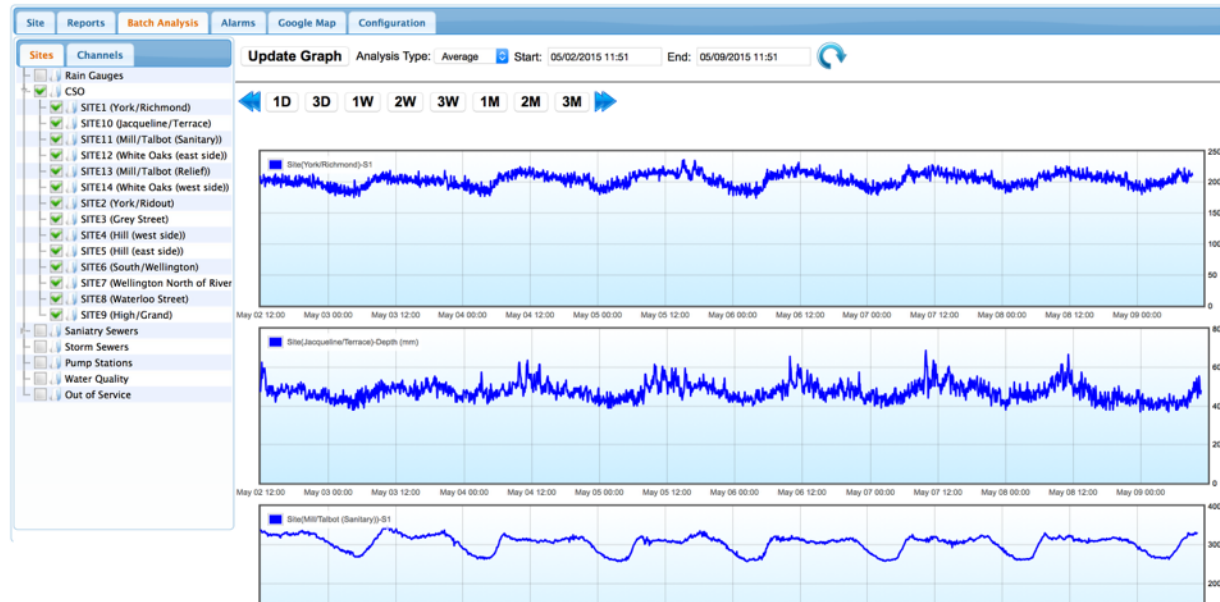
Showing 1 to 2 of 2 entries

PreviousNext



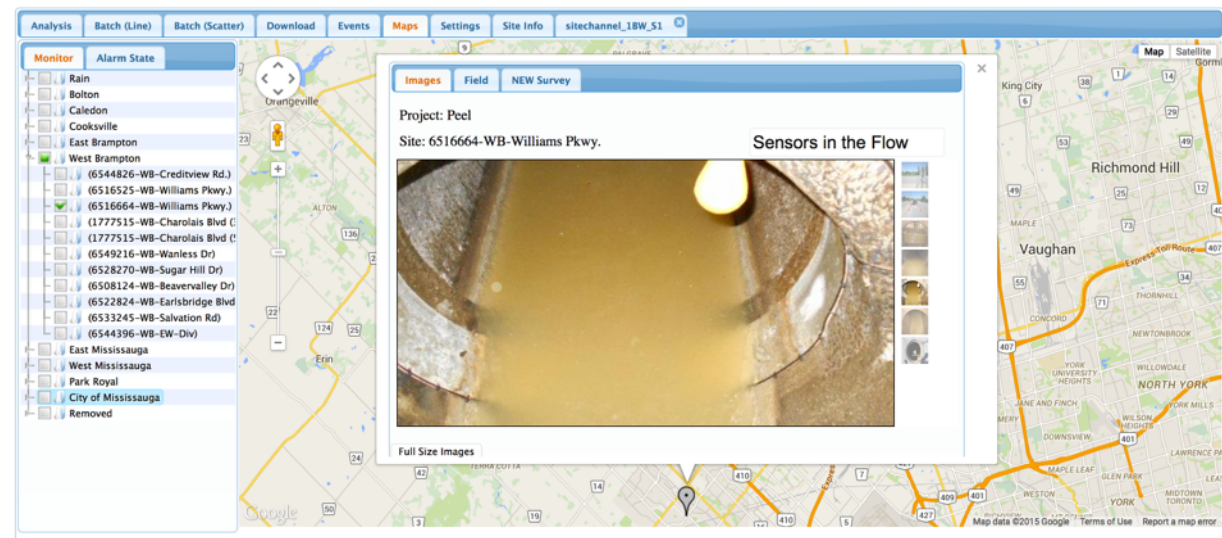
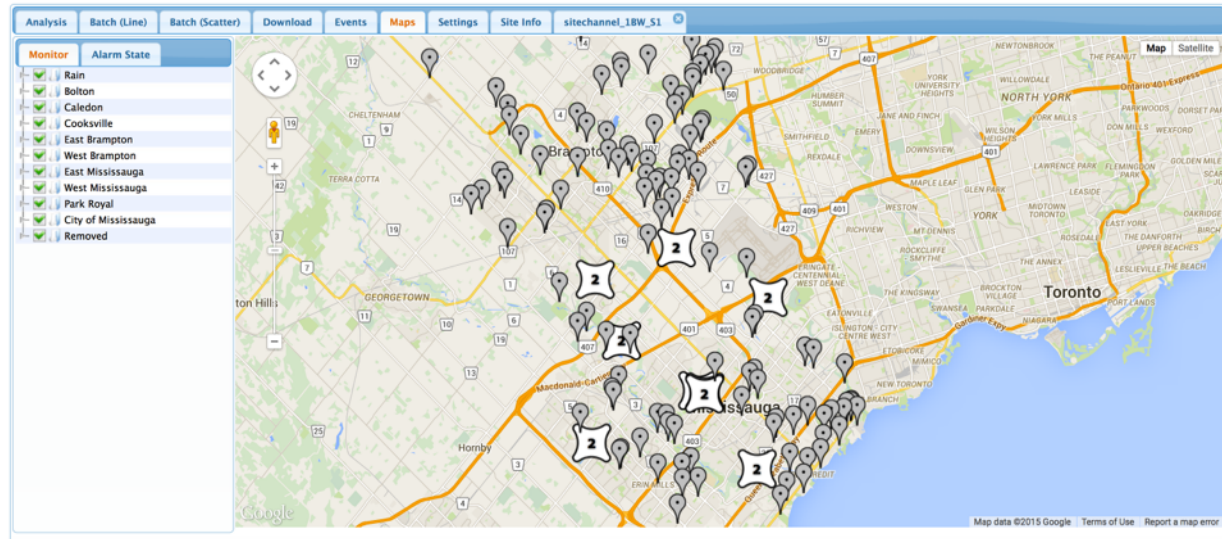
# BATCH ANALYSIS (Line and Scatter Plots)

- Create Batch Reports at the Click of a Button
- View 1, 2 or 1000 sites
- Print, View or Email
- Custom Sensor Selection



# MAP INTEGRATION (Google - BING - OPEN GIS)

- Integrate any Mapping Platform
- Overlay Sites
- Click on Sites and View Real Time Images
- View Alarm, and Graphs



# INFOWORKS EXPORT MODULES

- Create Custom Infoworks Export Files
- Export .FDV (FLOW) File
- Export .R (RAIN) Files
- SASS Rainfall Equations Built Into System

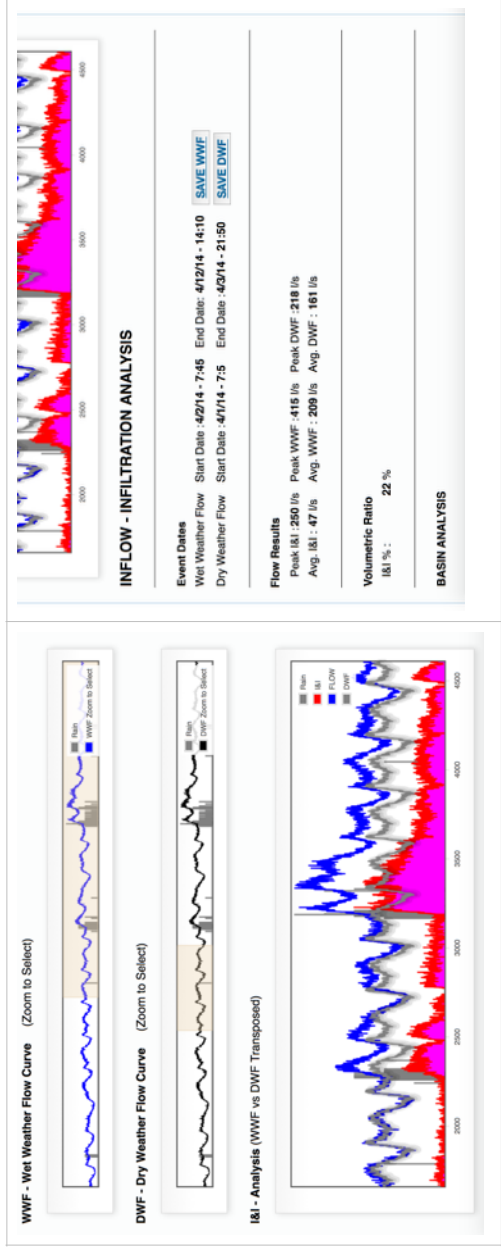
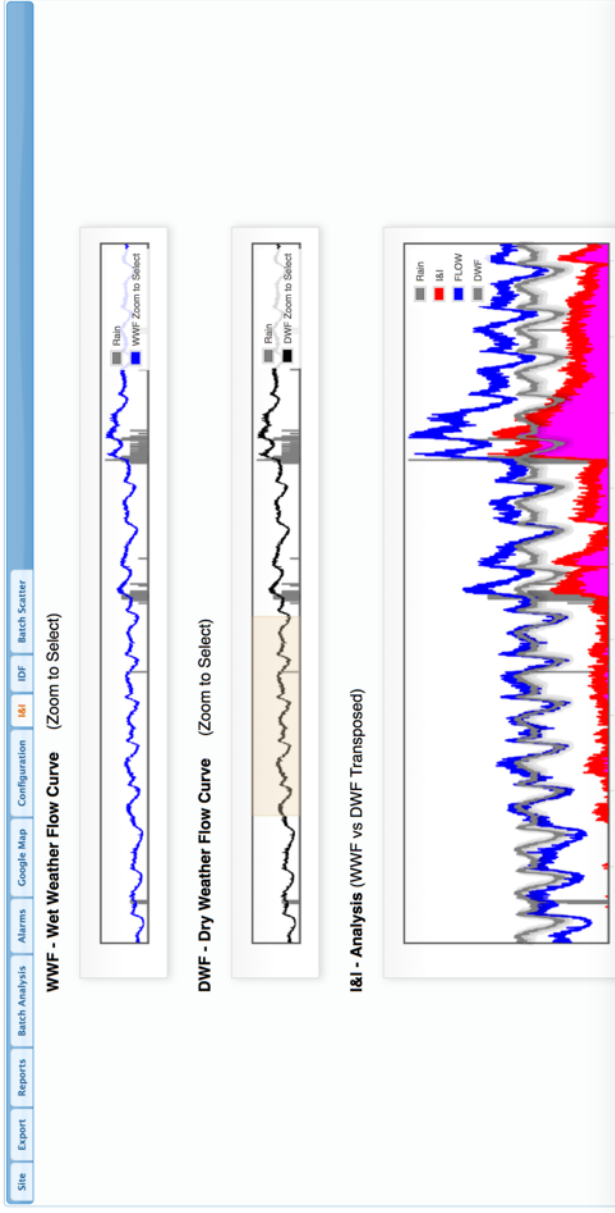
The screenshot shows the 'InfoWorks Export Module' window. On the left, a tree view lists various data points for different sites (DMO1, FMO1, FMO2, FMO3, FMO4, PMO2, PMO3). The main area displays the export configuration. The 'START InfoWorks® Export' button is visible. Below it, the 'Interval' is set to 'Average', 'Type' is 'Average', 'Start Date' is '04/03/2015 00:54', and 'End Date' is '04/07/2015 10:01'. The export format is '1, ASCII'. The export file is named 'FLOW.FDV'. The export data includes: \*\*DATA\_FORMAT: 1, ASCII; \*\*IDENTIFIER: 1, FMO3; \*\*FIELD: 3, FLOW, DEPTH, VELOCITY; \*\*UNITS: 3, L/S, MM, M/S; \*\*FORMAT: 4, F7.2, I5, F5.2, [5]; \*\*RECORD\_LENGTH: 12, 85; \*\*CONSTANTS: 6, HEIGHT, MIN\_VEL, MANHOLE\_NO, START, END, INTERVAL; \*\*C\_UNITS: 6, MM, M/S, , GMT, GMT, MIN; \*\*C\_FORMAT: 8, I6, F7.3, 2X, A20/D10, 2X, D10, I4; \*CSTART: 1504030054 1504071001 2; \*CEND: 2.04 56 0.16 2.07 52 0.19 2.11 54 0.18 2.39 59 0.18 2.07 53 0.18. The 'Create file' and 'Download' buttons are at the bottom.

The screenshot shows the 'InfoWorks Export Module' window with the 'FLOW.FDV' file open. The export configuration is the same as in the previous screenshot. The 'FLOW.FDV' file content is displayed in a text area, showing the export data in a structured format. The data includes: \*\*DATA\_FORMAT: 1, ASCII; \*\*IDENTIFIER: 1, FMO3; \*\*FIELD: 3, FLOW, DEPTH, VELOCITY; \*\*UNITS: 3, L/S, MM, M/S; \*\*FORMAT: 4, F7.2, I5, F5.2, [5]; \*\*RECORD\_LENGTH: 12, 85; \*\*CONSTANTS: 6, HEIGHT, MIN\_VEL, MANHOLE\_NO, START, END, INTERVAL; \*\*C\_UNITS: 6, MM, M/S, , GMT, GMT, MIN; \*\*C\_FORMAT: 8, I6, F7.3, 2X, A20/D10, 2X, D10, I4; \*CSTART: 1504030054 1504071001 2; \*CEND: 2.04 56 0.16 2.07 52 0.19 2.11 54 0.18 2.39 59 0.18 2.07 53 0.18. The 'Create file' and 'Download' buttons are at the bottom.



# INFLOW & INFILTRATION MODULE

- Create Dry Weather Flow Tables
- Overlay on Wet Weather Flows
- Create Custom I&I Reports

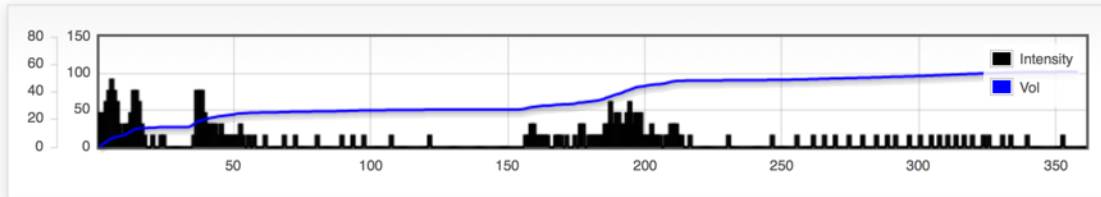


# RAINFALL - IDF ANALYSIS

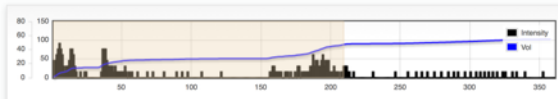
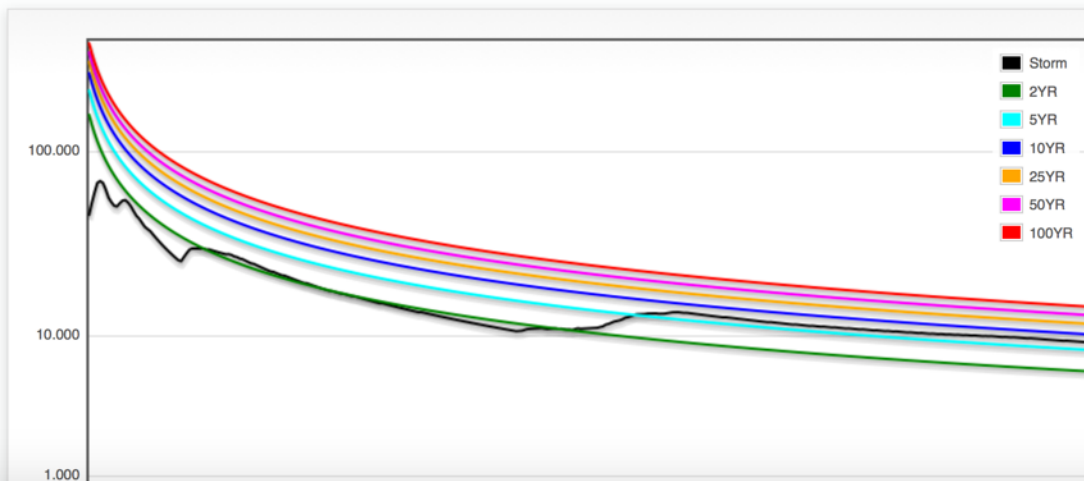
- Create Custom IDF Curves
- Analyze Partial Storms
- Click and Zoom Engine

Site Export Reports Batch Analysis Alarms Google Map Configuration I&I **IDF** Batch Scatter

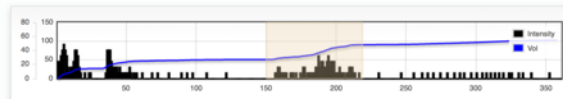
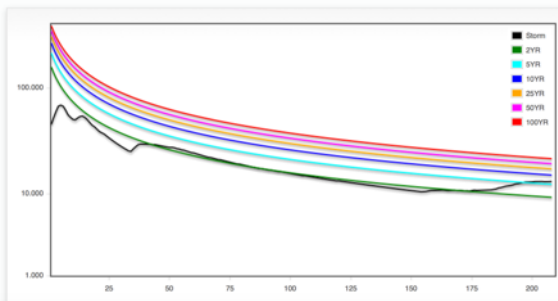
## IDF ANALYSIS



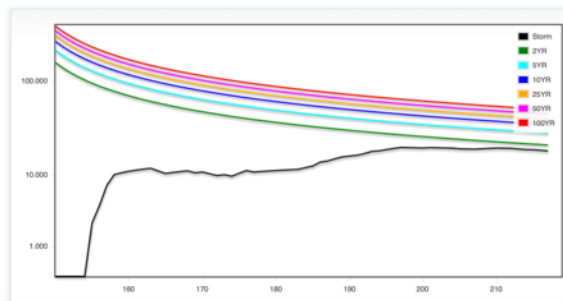
This is a **6.0 Hour, 54 mm, 1:7.3 YR Storm**



This is a **208 Hour, 46 mm, 1:6.5 YR Storm**

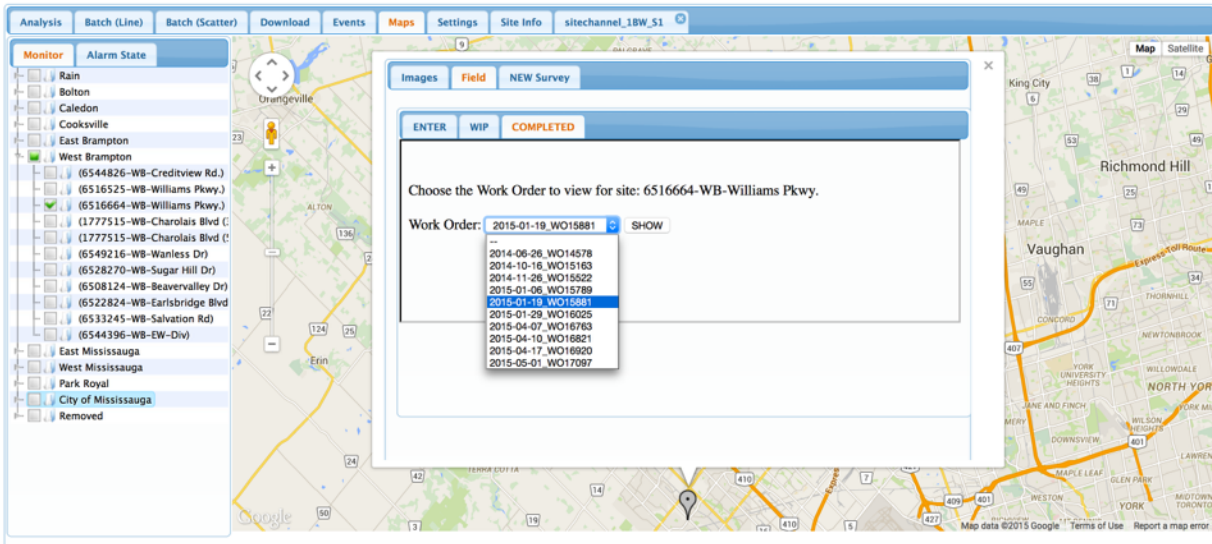


This is a **68 Hour, 21 mm, 1:1.7 YR Storm**



# INTEGRATED WORKORDER MODULE

- Work Orders
- Field Sheets
- Site entry and Safety Forms



data.amglive.ca/amg/media/amg\_wo\_system/viewWO2.php

Most Visited | Getting Started | Aquatic Water

Offset: -1286

TIME:	FIELD MEASUREMENT:	MONITOR READING:
07:46	238	238
07:47	243	247
07:48	240	238

**Depth Sensor 2:**

Coefficient: 2460  
Offset: -1299

TIME:	FIELD MEASUREMENT:	MONITOR READING:
07:46	238	237
07:47	243	242
07:48	240	242

**Velocity Sensor 1:**

Coefficient: 1.15  
Offset: 0  
T - PROFILING: ( 4 ) point

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.95	.96	.89			.95	.96	.89			.95	.96	.89		
	.90					.90					.90			

TIME:	FIELD MEASUREMENT:	MONITOR READING:
07:49	0.93	.95
07:51	0.97	.99
07:53	0.90	.88

**Velocity Sensor 2:**

# SITE SCHEDULE & SAFETY REPORTS

- Schedule Installations
- Track Installations, Removals
- Print and Email Reports
- Gas Level Reporting

AnalysisBatch (Line)Batch (Scatter)DownloadEventsMapsSettingsSite Info

Site Information Table:

Show 10 entries

Search: Copy CSV Excel

Site Name	New Site Name	SA SANMANH	Installation Date	Removal Date	Study Type
1771800-EB-Conservation Dr	1771800-EB-Conservation Dr	1771800	June 23 2014		WW Model Update
1773555-Coleraine Dr TS	1773555-EC-Coleraine Drive TS	1773555	June 10 2014		WW Model Update
1774964-EB-Williams Pkwy	1774964-EB-Williams Pkwy	1774964	June 25 2014		WW Model Update
1777362-McVean Dr SPS	1777362-EB-McVean SPS 1	1777362	June 10 2014		WW Model Update
1777515-WB-Charolais Blvd (300mm)	1777515-WB-Charolais Blvd (300mm)	1777515	June 26 2014		WW Model Update
1777515-WB-Charolais Blvd (525mm)	1777515-WB-Charolais Blvd (525mm)	1777515	June 26 2014		WW Model Update
1780599-EB-Queen St E	1780599-EB-Queen St E	1780599	June 23 2014		WW Model Update
1780739-EB-Steeles Ave E	1780739-EB-Steeles Ave E	1780739	June 13 2014		WW Model Update
1780767	1780767-EB-Airport Rd	1780767	Tuesday, September 17, 2013	January 6 2015	East Bram Twinn
1780810	1780810-EB-Tracey Bv	1780810	Tuesday, September 17, 2013	January 6 2015	East Bram Twinn
Site Name	New Site Name	SA SANMANH	Installation Date	Removal Date	Study Type

Showing 1 to 10 of 250 entries

Previous12345...25Next

AnalysisBatch (Line)Batch (Scatter)DownloadEventsMapsSettingsSite Info

MonitorAlarm State

Rain

Bolton

Caledon

Cooksville

East Brampton

West Brampton

(6544826-WB-Creditview Rd.)

(6516525-WB-Williams Pkwy.)

(6516664-WB-Williams Pkwy.)

(1777515-WB-Charolais Blvd (

(1777515-WB-Charolais Blvd (

(6549216-WB-Wanless Dr)

(6528270-WB-Sugar Hill Dr)

(6508124-WB-Beavervally Dr)

(6522824-WB-Earlsbridge Blvd

(6533245-WB-Salvation Rd)

(6544396-WB-EW-Div)

East Mississauga

West Mississauga

Park Royal

City of Mississauga

Removed

ImagesFieldNEW Survey

Overflow Type:

Overflow Condition:

Field Information:

Gas Levels:

O2 Level:20.8

LEL Level:0

H2S Level:0

CO2 Level:0

Confined Space Entry Notes:

Monitor 10ft down manhole. Sensor extensions added May 1 2015.

Additional Information / Notes:

MapSatellite

Orangeville

King City

Richmond H

Vaughan

Maple

Thornhill

Newton

Willow

North

York University Heights

Winston

Maple Leaf

Glen Park

Weston

Downsview

Wilmont Heights

Map data ©2015 Google Terms of Use Report a map error



