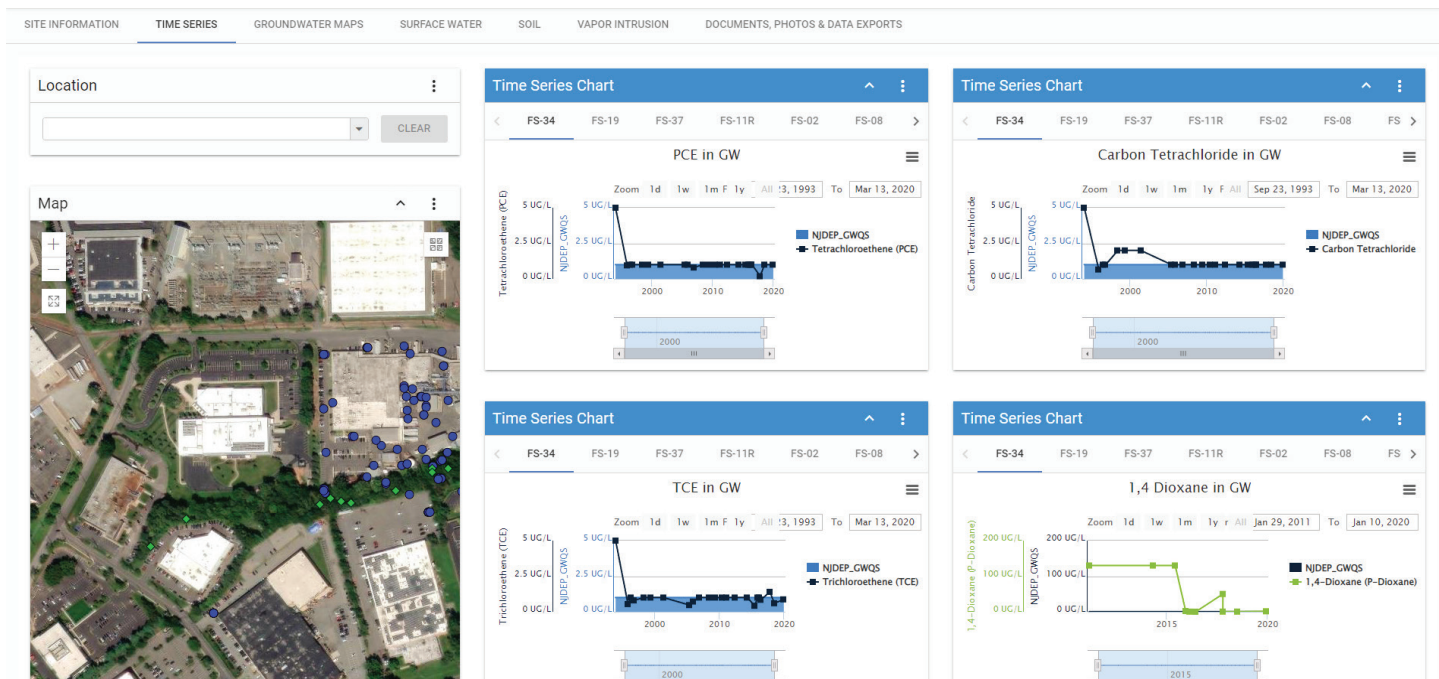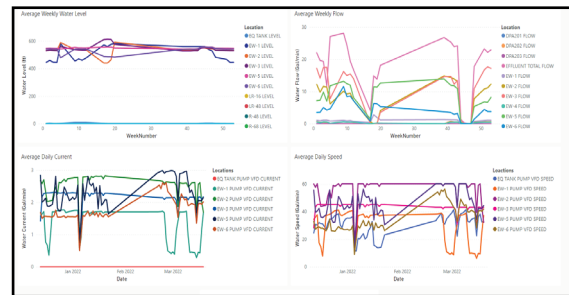# LANGAN

Data Management and Analytics

The Data Management and Analytics (DMA) team works to develop and provide high quality data deliverables to our project teams and their clients, to continuously enhance project value, and to improve the efficiency of workflows by streamlining processes and outputs.

We support all Langan disciplines in collecting field data to enhance field-to-office communication and summarizing the analytical results in a cohesive report for the client. By storing data in a central location, the DMA team gives project teams and clients easy access to all the data for a site or project. Additional benefits include:
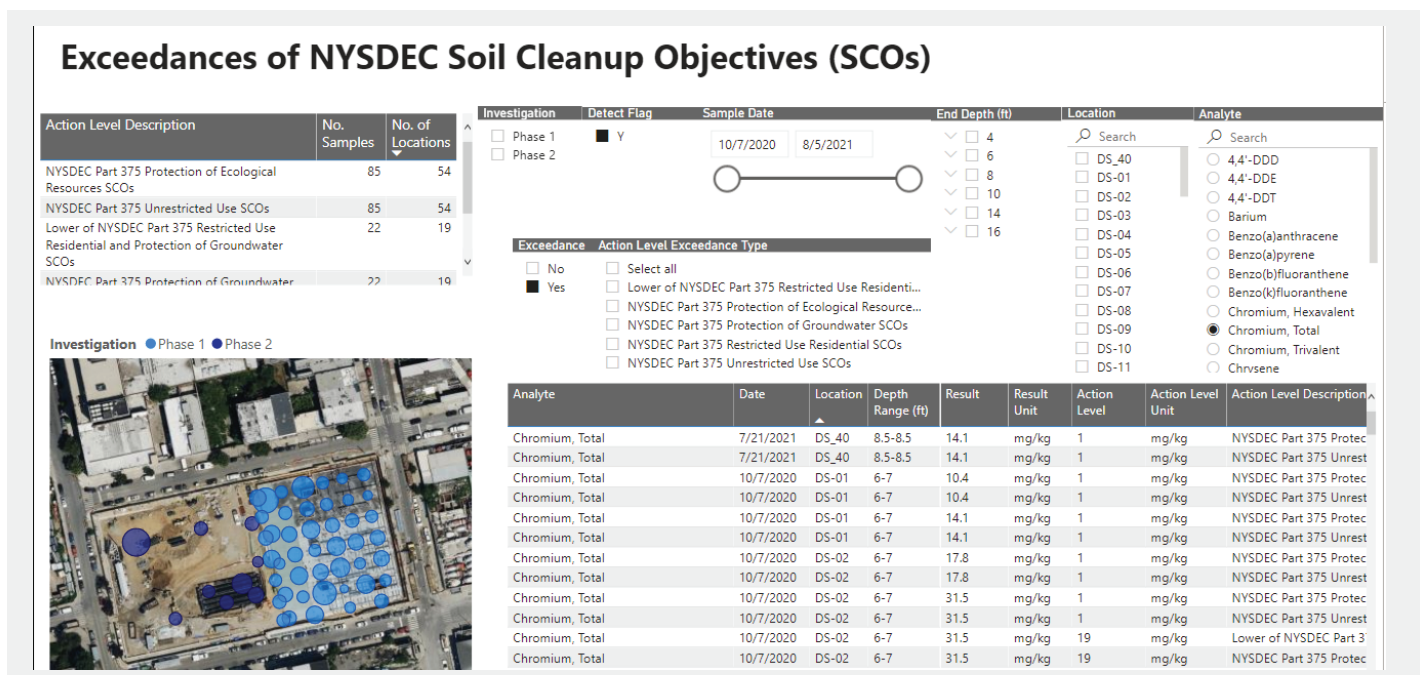
- **Centralized data**
- **Easy access to data**
- **Template creation**
- **Computer macros integration**
- **Automated workflow**
- **Coordinated lab work**

Data Management and Analytics

These reports summarize analytical results in tables that compare the data to state or federal regulations or summations and to graphics that display the data. The team works toward internal and external standardization and automation, which enhance the exporting and deliverable processes.

The DMA team provides practical solutions that help project teams and clients manage and use data to make informed decisions for their projects. Depending on the type of investigation at a given site, the DMA team works on projects such as due diligence, remedial investigation, waste classification, and monitoring. The DMA team has played a major role in many environmental projects that have included large datasets and compilations of state and federal regulations to help provide final-report deliverables.

Exceedances of NYSDEC Soil Cleanup Objectives (SCOs)

Action Level Description	No. Samples	No. of Locations
NYSDEC Part 375 Protection of Ecological Resources SCOs	85	54
NYSDEC Part 375 Unrestricted Use SCOs	85	54
Lower of NYSDEC Part 375 Restricted Use Residential and Protection of Groundwater SCOs	22	19
NYSDEC Part 375 Protection of Groundwater	22	19

Analyte	Date	Location	Depth Range (ft)	Result	Result Unit	Action Level	Action Level Unit	Action Level Description
Chromium, Total	7/21/2021	DS_40	8.5-8.5	14.1	mg/kg	1	mg/kg	NYSDEC Part 375 Protec
Chromium, Total	7/21/2021	DS_40	8.5-8.5	14.1	mg/kg	1	mg/kg	NYSDEC Part 375 Unrest
Chromium, Total	10/7/2020	DS-01	6-7	10.4	mg/kg	1	mg/kg	NYSDEC Part 375 Protec
Chromium, Total	10/7/2020	DS-01	6-7	10.4	mg/kg	1	mg/kg	NYSDEC Part 375 Unrest
Chromium, Total	10/7/2020	DS-01	6-7	14.1	mg/kg	1	mg/kg	NYSDEC Part 375 Protec
Chromium, Total	10/7/2020	DS-01	6-7	14.1	mg/kg	1	mg/kg	NYSDEC Part 375 Unrest
Chromium, Total	10/7/2020	DS-02	6-7	17.8	mg/kg	1	mg/kg	NYSDEC Part 375 Protec
Chromium, Total	10/7/2020	DS-02	6-7	17.8	mg/kg	1	mg/kg	NYSDEC Part 375 Unrest
Chromium, Total	10/7/2020	DS-02	6-7	31.5	mg/kg	1	mg/kg	NYSDEC Part 375 Protec
Chromium, Total	10/7/2020	DS-02	6-7	31.5	mg/kg	1	mg/kg	NYSDEC Part 375 Unrest
Chromium, Total	10/7/2020	DS-02	6-7	31.5	mg/kg	19	mg/kg	Lower of NYSDEC Part 3
Chromium, Total	10/7/2020	DS-02	6-7	31.5	mg/kg	19	mg/kg	NYSDEC Part 375 Protec

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