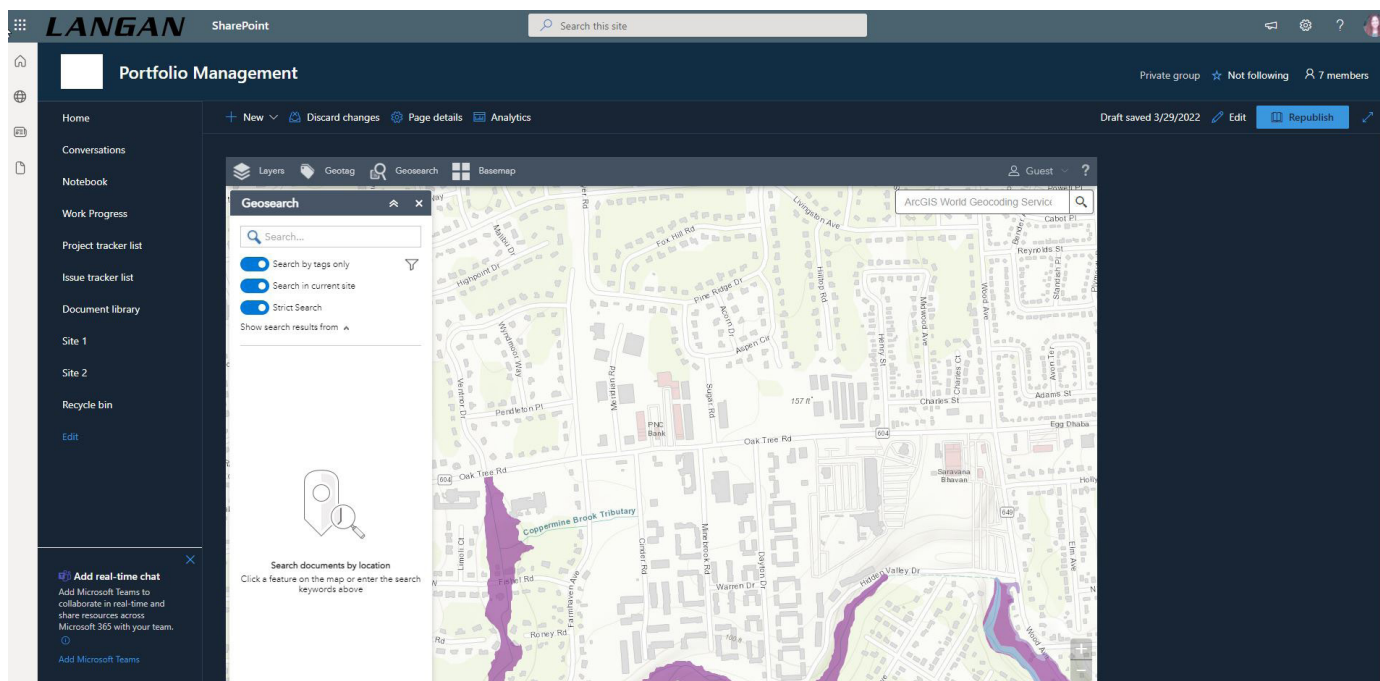




Portfolio management is a critical aspect of environmental consulting and data analytics. Managing large amounts of data from a single site or making data-driven conclusions across multiple sites is often difficult. When data is inaccessible from a central access point, time is wasted trying to find all of the necessary information, data is disorganized and incomplete, and it is hard to share data easily.

Langan emphasizes the importance of easy and quick access to data. Our project teams often work on legacy sites and ongoing remediation sites. When managing these types of long-term projects, the ability to store all of the data in one place for a site gives project teams the ability to efficiently pull all necessary information and look across the portfolios they manage. This access to a central data repository also allows project teams to use data from one site to predict what might occur in another site. These analyses allow Langan project teams to analyze beyond what is given to them. Complete and organized data minimizes the risk involved in making costly decisions.



Portfolio Management

At Langan, we believe this centralized approach is effective and efficient. As a result, all disciplines utilize this approach both internally and externally. We have seen the direct benefits of portfolio management with a central repository, and have therefore applied our best internal practices externally to the clients we support. For instance, the Applied Technologies and Data Validation teams have created SharePoint sites that have generated a space to put all important workflows, documentations, and data. SharePoint can be used for portfolio management in this sense, and the use of these sites have proven to be very practical and enhance productivity.

The example below also demonstrates software that uses portfolio management practices and the different tools available. These tools include document libraries, task managers, calendars, deadline tracking, customizable notifications, project tracker lists, issue tracker lists, work progress, and conversations to integrate project teams. This variation of beneficial tools ensures project teams are staying on top of their projects, and allows easy access to multiple aspects of each project. Langan establishes standard best practices and works to transfer these best practices to our clients.

The screenshot displays a SharePoint site titled 'Site 1' with a navigation menu on the left. The main content area features two lists:

- Progress tracker list:** A table with columns for ID, Work item, Description, Category, Progress, Priority, Start date, and Due date. It contains five rows of project tasks.
- Issue tracker list:** A table with columns for ID, Issue, Issue description, Priority, Status, Person or group, Date reported, and Days. It contains one row of an issue.

ID	Work item	Description	Category	Progress	Priority	Start date	Due date
11	Site Plan Review	Please review and revise as needed	Design	Completed	Critical	February 23	February 23
8	Remedial Investigation	NUDEP Remedial Investigation Report	Environmental	In progress	High	February 2	March 16
10	Prepare presentation		Marketing	Not started	Medium	January 25	February 4
9	Team Meeting	Team meeting to review new data	Environmental	Not started	Medium	January 27	January 27
12	Test Project	We new permit due in april	Environmental	In progress	High	March 2	March 31

ID	Issue	Issue description	Priority	Status	Person or group	Date reported	Days
12	Q1 2022 GW Data	Process Q2 GW Data	Normal	In progress	Heather Nunn	1/4/2022	9



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