

***MEISER & EARL, INC.***

***SELECTED EXAMPLES  
OF  
LANDFILL  
PROJECT EXPERIENCE***

**EXHIBIT**

**BLC 82**

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## **LANDFILL-RELATED PROJECT EXPERIENCE OF PERSONNEL**

### LYCOMING COUNTY LANDFILL, BRADY TOWNSHIP, LYCOMING COUNTY, PENNSYLVANIA

Project Managers - Tom Earl, Bob Hershey, Todd Lowrey

Project Date – 1973 - current

Completed geologic and hydrogeologic investigations for landfill permit and expansions in area with glaciated terrain. Prepared and updated sampling and analysis plans. Reviewed quarterly monitoring data and provided summaries to landfill. Completed groundwater assessments. Oversaw and evaluated water tightness testing for lined leachate storage tank. Conducted exploratory, water-supply, and monitoring well drilling and well decommissioning projects.

### CLINTON COUNTY SOLID WASTE AUTHORITY, WAYNE TOWNSHIP LANDFILL, CLINTON COUNTY, PENNSYLVANIA

Project Managers - Bob Hershey, Todd Lowrey

Project Date – 1985 - current

Conducted geotechnical investigations of a complex geologic setting for a lined landfill in glaciated terrain underlain by carbonate rocks. Evaluated previously disposed waste for hazardous waste characteristics. Completed groundwater assessment to evaluate volatile organic compounds in monitoring well. Conducted geologic and hydrogeologic investigations for the landfill expansion, including surficial geologic mapping for void investigations. Completed quarterly groundwater sampling and data review. Prepared work plans for and supervised monitoring well drilling and well decommissioning projects.

### BETHLEHEM LANDFILL, LOWER SAUCON TOWNSHIP, NORTHAMPTON COUNTY, PENNSYLVANIA

Project Managers – Tom Earl, Bob Hershey, Bryan Crowell, Todd Lowrey

Project Date – 1985-1988, 1999 - current

Completed a hydrogeologic investigation of the site in the mid to late 1980s with county government to evaluate landfill expansions. Conduct geologic and hydrogeologic investigations for subsequent landfill expansions. Evaluated groundwater monitoring system data statistically on an annual basis and prepared summary reports. Reviewed water-quality data from monitoring system and prepare quarterly data summaries. Prepared and updated sampling and analysis plans. Supervised monitoring well installations, monitoring well replacements, and well decommissioning projects.

## **LANDFILL-RELATED PROJECT EXPERIENCE OF PERSONNEL**

### BLUE RIDGE LANDFILL, GREENE TOWNSHIP, FRANKLIN COUNTY, PENNSYLVANIA

Project Managers - Tom Earl, Bob Hershey, Todd Lowrey, Rick Henry

Project Date – 1985 – current

Completed geologic/hydrogeologic and geotechnical investigations for landfill expansion and evaluated future expansion options. Supervised groundwater monitoring system updates with new monitoring well installations during site development. Supervised well decommissioning projects. Completed quarterly sampling and regulatory reporting of monitoring data. Reviewed and evaluated leachate collection system and detection zone flows.

### PINE GROVE LANDFILL, PINE GROVE TOWNSHIP, SCHUYLKILL COUNTY, PENNSYLVANIA

Project Managers - Tom Earl, Robert Hershey, Todd Lowrey, Rick Henry

Project Date – 1987 – current

Completed geologic and hydrogeologic investigations for original landfill permit and expansions. Designed and supervised installation of groundwater monitoring system. Evaluated landfill gas migration impacts in site monitoring well. Prepared and updated sampling and analysis plans. Supervised well decommissioning projects. Completed quarterly sampling and regulatory reporting of monitoring data. Reviewed and evaluated leachate collection system and detection zone flows. Completed groundwater assessment for leachate release from storage tank. Assisted with major permit modification for regulatory approval of semi-annual groundwater monitoring for a portion of the site.

### NORTHERN TIER SOLID WASTE AUTHORITY -LANDFILL NO.1, HAMILTON TOWNSHIP, TIOGA COUNTY, PENNSYLVANIA

Project Managers – Jim Eby and Todd Lowrey

Project Date – 1987 - current

Completed an evaluation of groundwater flow directions and groundwater monitoring program for landfill underlain by coal seams and deep mines. The site contains a municipal waste landfill section that is closed and a construction/demolition landfill section. Conducted soils investigation for a potential landfill expansion. Completed quarterly data review and regulatory submittal of monitoring data.

## LANDFILL-RELATED PROJECT EXPERIENCE OF PERSONNEL

### NORTHERN TIER SOLID WASTE AUTHORITY – LANDFILL NO. 2, WEST BURLINGTON TOWNSHIP, BRADFORD COUNTY, PENNSYLVANIA

Project Managers – Jim Eby and Todd Lowrey

Project Date – 1995 – current

Completed groundwater assessment to address arsenic levels in some monitoring points. Conducted geologic and hydrogeologic investigations for landfill expansions. Oversaw groundwater monitoring system updates with new monitoring well installations during site development. Completed quarterly data review and regulatory submittal of monitoring data.

### BLYTHE RECYCLING AND DEMOLITION SITE (BRADS), BLYTHE TOWNSHIP, SCHUYLKILL COUNTY, PENNSYLVANIA

Project Managers - Robert Hershey, Todd Lowrey

Project Date – 2003 - 2020

Conducted a detailed geotechnical investigation of the site in a complex mined area for the permitting of a construction/demolition waste lined landfill and responded to appeals. Supervised well decommissioning program for initial disposal cell. Designed and supervised installation of groundwater monitoring system, and prepared sampling and analysis plan. Completed quarterly sampling and regulatory reporting of monitoring data, including trend analysis of data.

### MCKEAN COUNTY LANDFILL, SERGEANT TOWNSHIP, MCKEAN COUNTY, PENNSYLVANIA

Project Manager – Bob Hershey and Todd Lowrey

Project Date – 2005 - 2010

Conducted detailed geologic and hydrogeologic investigations for landfill expansion in coal bearing geologic units. Hydrogeologic investigation evaluated potential impacts to regional groundwater system. Evaluated leachate and detection zone flow data to address flow issues. Reviewed quarterly monitoring data for regulatory submission.

### ENVIRONMENTAL RECYCLING SYSTEMS, INC. (ERSI) LANDFILL, TAYLOR BOROUGH, LACKAWANNA COUNTY, PENNSYLVANIA

Project Managers – Tom Earl, Bill Snyder, Todd Lowrey

Project Date – 2011 – current

Evaluated hydrogeologic and mining factors related to regulatory denial of permit application for a proposed expansion of the construction/demolition waste landfill over the closed municipal waste Amity Landfill. Completed quarterly data review and annual trend analysis for regulatory submittal. Reviewed and reported NPDES monitoring data.