

John P. Murray, P.E.

EMPLOYMENT EXPERIENCE:

MWRDGC

May 2016-present

Acting Director of Maintenance and Operations

Maintenance and Operations Department

Manage and direct work of professional, technical, and trades staff responsible for:

- Collecting and treating approximately 486.3 billion gallons of wastewater annually by operating seven wastewater treatment plants, a 554 mile network of intercepting sewers, 109.4 miles of the Tunnel and Reservoir Plan tunnels, and two ancillary reservoirs;
- Improving the quality of water in the area waterways by maintaining and operating five sidestream elevated pool aeration stations and two instream aeration stations;
- Providing flood relief to Cook County by maintaining 530 miles of small streams and 35 detention reservoirs;
- Processing high-quality biosolids for beneficial reuse by operating three biosolids handling facilities.
- Preparing and administering the Department's annual operating budget of over \$186 million;
- Construction Fund Capital Improvement Program comprised of over 35 projects with a value of over \$17 million.
- Developing revenue producing activities and processes, such as Ostara phosphorus recovery and biosolids composting

MWRDGC

September 2011-May 2016

Managing Civil Engineer

Engineering Department

Stormwater Management and Local Sewer Systems Sections

Manage and direct work of 45 professional and technical staff responsible for:

- Phase I Stormwater Management Program Capital Improvement Projects comprised of over 30 projects and a construction value over \$360 million
- Phase II of Stormwater Management Program comprised of over 50 projects with a construction value over \$300 million
- Administration of Watershed Management Ordinance
- Administration of Green Infrastructure Program Plan
- Preparation of Section budgets

MWRDGC

February 2010-September 2011

Principal Civil Engineer

Engineering Department

Stormwater Management Section

- Managed work of 11 professional and technical staff
- Managed completion of three Detailed Watershed Plans
- Prepared Section's annual budget
- Project Manager for Watershed Management Ordinance

MWRDGC

February 2006-February 2010

Senior Civil Engineer

Engineering Department

Stormwater Management Section

- Managed work of technical staff
- Project Manager for Watershed Management Ordinance
- Project Engineer for Little Calumet River Detailed Watershed Plan
- Administered consultant contracts
- Prepared Section's annual budget

MWRDGC

January 2005-February 2006

Associate Civil Engineer

Engineering Department

Stormwater Management Section

- Assisted in drafting Cook County Stormwater Management Plan
- Assisted in developing technical guidance for preparation of Detailed Watershed Plans
- Prepared Section's annual budget
- Developed projects at conceptual level and prepared construction cost estimates

MWRDGC

July 2002-January 2005

Assistant Civil Engineer

Maintenance and Operations Department

Lawndale Avenue Solids Management Area

- Planned/Supervised solids operations at various LASMA sites
- Created/Maintained contract cost tracking database
- Assisted in budget preparation
- Initiated work requests via MMS

C.M. Lavoie and Associates, Inc.

January 2001-July 2002

Project Engineer

- General Civil Engineering Design (Grading, Utility, Geometric, Lift Station Plans)
- Prepared Opinions of Probable Cost for construction projects
- Prepared Permit Applications for local, federal, and state agencies

EDUCATION:

Purdue University, B.S. Civil Engineering

CERTIFICATIONS:

Professional Engineer, State of Illinois