Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago is in search of a current college student majoring in Math, Science, or any field of Engineering. This is a paid internship opportunity in the Maintenance and Operations Department, Technical Services Section, located at the Stickney Water Reclamation Plant (SWRP) in Stickney, IL.

The intern will have an opportunity to learn about operations in the Technical Services Section by assisting a Mechanical Engineer with scheduling and construction phase monitoring of service purchase orders and contracts such as HVAC, cranes & hoists, and underground storage tanks. They will provide planning and design support for replacing components and equipment such as conveyors, valves, heat exchanges, mechanical seals, HVAC equipment, and pumps.

The intern is expected to gain experience with the process of planning and scrutinizing the various components for wastewater management construction by utilizing the various technical and engineering methods and their appropriate application currently employed by District engineers.

Qualifications must include:
Applicants must be a current student majoring in Engineering, Math, or Science; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and must submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

This paid ($13.00/hr) opportunity will be available starting in May 2018.

Interested applicants must forward a resume, a cover letter and the letter of recommendation to:

MWRDInternships@mwrd.org or by fax at 312-751-6639

or by mail at:

MWRD of Greater Chicago
111 E. Erie Street
Attn: Ebonie Lewis, HR Dept-Employee Development
Chicago, IL 60611

Resumes and cover letters will be accepted until the position is filled.
Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago is in search of a current college student majoring in the engineering field. This is a paid internship opportunity in the Maintenance and Operations Department. The position is located at the Stickney Water Reclamation Plant (SWRP) in Stickney, IL.

The intern will have an opportunity to work with a Senior Civil Engineer at the largest wastewater treatment plant in the world, where they will gain experience the individual wastewater treatment processes first-hand; learn how the equipment is operated and maintained; and assist with a wide range of the day-to-day activities required to keep plant operations running.

The intern will assist with entry-level engineering duties including basic equipment research; document review and creation; and data analysis. The intern will benefit from working in a large and diverse workforce where they will be able to utilize their coursework and critical thinking skills in a practical environment to enhance their educational experience.

Qualifications must include:
Applicants must be a current student majoring in any field of engineering; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and must submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

This paid ($13.00/hr) opportunity is currently available for 2018.

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Resumes and cover letters will be accepted until the position is filled.
Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago is in search of a current college student majoring in the field of Engineering. This is a paid internship opportunity in the Maintenance and Operations Department. The position is located at the O’Brien Water Reclamation Plant (OWRP) in Skokie, IL.

The prospective intern will assist with duties related to key operations at the OWRP. They will have the opportunity to assist with several special projects that include reviews to assess energy efficiency, air usage efficiency, process efficiency; the survey of process equipment and processes; and the development of revisions to current operating procedures.

The intern is expected to gain experience with the process for treating wastewater and offer recommendations for possible improvements based on their engineering education and training. They will be afforded the unique opportunity to use their education in a practical environment and apply critical thinking methods while observing and assessing current District treatment functions.

Qualifications must include:
Must be a current student majoring in Engineering, preferably Civil Engineering; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and must submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

This paid ($13.00/hr) opportunity is currently available for 2018.

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**Internship Announcement**

The *Metropolitan Water Reclamation District of Greater Chicago* is accepting resumes from currently enrolled college students majoring in Electrical or Mechanical Engineering. This is a paid internship opportunity in the Maintenance and Operations Department. This position will be located at the Egan Water Reclamation Plant (EWRP) in Schaumburg, IL.

The prospective intern will assist with duties related to the maintenance of critical mechanical and electrical assets in our North Side Service Area. These critical assets include pumps, motors, switchgear, transformers, boilers, emergency generators, instruments etc. The assessment duties will include review of the preventive maintenance schedule and corrective maintenance records to evaluate prospective measures for corrective and preventive maintenance on these assets and making recommendations for better reliability.

The intern is expected to utilize their theoretical knowledge regarding the primary purpose and function of these assets in order to gain experience with how to identify critical resources at a Wastewater Treatment Plant, what type of maintenance is required for continued functionality, and the factors necessary to evaluate the appropriate level of preventive maintenance to be performed.

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This paid ($13.00/hr) opportunity in currently available for 2018.

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*Resumes and cover letters will be accepted until the position is filled.*
**Internship Announcement**

The Metropolitan Water Reclamation District of Greater Chicago is accepting resumes from currently enrolled students majoring in Civil Engineering. This paid internship opportunity is in the Maintenance and Operations Department. This position will be located at the Calumet Water Reclamation Plant (CWRP) in Chicago, IL.

The prospective intern will have an opportunity to assist with duties related to key operations at the CWRP. They will have the opportunity to assist with several special projects that include reviews to assess energy, air usage, and process efficiency; the survey of process equipment and treatment processes; and the development of revisions to current operating procedures.

The intern is expected to gain experience with the wastewater treatment process and the method of evaluating current operations and offering recommendations for possible improvements based on their engineering education. They will be afforded the unique opportunity to use their education in a practical environment and apply critical thinking methods while observing and assessing current District treatment functions.

**Qualifications must include:**

Applicants must be a current student majoring in Civil Engineering; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and must submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

This paid ($13.00/hr) opportunity is currently available for 2018.

**Interested applicants must forward a resume, a cover letter and the letter of recommendation to:**

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Attn: Ebonie Lewis, HR Dept-Employee Development
Chicago, IL 60611

*Resumes and cover letters will be accepted until the position is filled.*
M&R Department Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago is in search of a current college student seeking an internship opportunity in its Monitoring and Research (M&R) Department.

This internship will provide interns with an opportunity to get hands-on experience on advanced aeration control, enhanced biological phosphorus removal (EBPR) projects and activated sludge process, basic field and environmental lab and data analyzing skills. Under the supervision of a Research Scientist (RS), the intern is expected to work on EBPR projects and other wastewater related research projects. The possible tasks include: Assist with field sampling; assist RS with data input and simple analysis to evaluate EBPR process performance, plant nitrification performance, and simple laboratory bench scale testing. Please note that this internship is based out of the M&R Department located at the Stickney Water Reclamation Plant. However, field work could be at Kirie, O’Brien, and Egan Water Reclamation Plants.

Qualifications must include:

Applicants must be a current college student majoring in natural science or engineering; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and the ability to obtain a referral from the schools Internship Coordinator or a letter of recommendation from a college professor.

Interested applicants must forward a resume, a cover letter and the school’s referral or letter of recommendation to MWRDInternships@mwrd.org or by fax at 312-751-6639.

or by mail at
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Attn: Ebonie Lewis, HR Dept-Employee Development
Chicago, IL 60611

Resumes and cover letters will be accepted until the position is filled.
M&R Department Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago is in search of a current college student seeking an internship opportunity in its Monitoring and Research (M&R) Department.

This internship will provide interns with an opportunity to get hands-on experience with activated sludge process, specifically on shortcut biological nitrogen removal (SCBNR). This intern will work on the SCBNR co-research project the District has with Northwestern University. The intern will have the opportunity to work on lab/bench-scale bioreactors at the O’Brien Water Reclamation Plant, to conduct sampling, batch activity assays, biomass archiving etc. The intern may also need to perform wet chemical and microbiological analyses at Northwestern laboratories. Please note that this internship will be located at the O’Brien Water Reclamation Plant and Northwestern University.

Qualifications must include:

Applicants must be a current college student majoring in natural science or engineering; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and the ability to obtain a referral from the schools Internship Coordinator or a letter of recommendation from a college professor.

This paid ($13.00/hr) opportunity is available anytime in 2018.

Interested applicants must forward a resume, a cover letter and the school’s referral or letter of recommendation to MWRDInternships@mwrdo.org

or by fax at 312-751-6639.

or by mail at
MWRD of Greater Chicago
111 E. Erie Street
Attn: Ebonie Lewis, HR Dept-Employee Development
Chicago, IL 60611

Resumes and cover letters will be accepted until the position is filled.
**Internship Announcement**

The Metropolitan Water Reclamation District of Greater Chicago is in search of a current college student majoring in Chemistry, Biology, Environmental Science, or a related scientific field. This paid internship opportunity will be in the Monitoring and Research Department at the Calumet Water Reclamation Plant located in Chicago, IL.

The intern will have the opportunity to work directly with Environmental Chemists in an Illinois Environmental Protection Agency (IEPA) accredited laboratory analyzing wastewater samples following standard operating procedures. The intern may learn the common analyses performed in environmental laboratories which could potentially include suspended solids, total solids, pH, alkalinity, nutrient analyses and mercury.

The intern will also be provided instruction and experience the practical application regarding the operation of laboratory instrumentation for analysis and how to acquire Demonstration of Capabilities (DOCs). The duration of this internship is expected between May and August 2018.

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This paid ($13.00/hr) opportunity will be available between May and August 2018.

**Interested applicants must forward a resume, a cover letter and the school referral to:**

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*Resumes and cover letters will be accepted until the position is filled.*
**Internship Announcement**

The Metropolitan Water Reclamation District of Greater Chicago is in search of a chemistry or an environmental science college student. This paid internship opportunity will be in the Monitoring and Research Department at the Egan Water Reclamation Plant located in Schaumburg, IL on Meacham Road.

The intern will have the opportunity to work directly with Environmental Chemists in an Illinois Environmental Protection Agency (IEPA) accredited laboratory analyzing wastewater samples following standard operating procedures. The intern may learn the common analyses performed in environmental laboratories which could potentially include suspended solids, total solids, pH, alkalinity, nutrient analyses and trace metals.

The intern will also be provided instruction and experience the practical application regarding the operation of laboratory instrumentation for analysis and how to acquire Demonstration of Capabilities (DOCs). The duration of this internship is expected between May and August 2018.

**Qualifications must include:**

Applicants must be a current college student majoring in Chemistry, Biology or Environmental Science or a related scientific field; chemistry lab experience and coursework preferred; have knowledge of laboratory safety; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

This paid ($13.00/hr) opportunity will be available between May and August 2018.

**Interested applicants must forward a resume, a cover letter and the letter of recommendation to:**

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Attn: Ebonie Lewis, HR Dept-Employee Development

Chicago, IL 60611

*Resumes and cover letters will be accepted until the position is filled.*
M&R Department Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago is in search of a current college student seeking an internship opportunity in its Monitoring and Research (M&R) Department.

This internship will provide the prospective intern with training on the issuance of wastewater discharge permits, reviewing spill prevention and containment plans, flow measurement proposals, and wastewater monitoring reports to assist in the interpretation and administration of the Sewage and Waste Control, User Charge, Resource Recovery and Environmental Remediation Wastewater Ordinances. The intern will also gain experience classifying industrial users, enforcing local federal wastewater pollutant standards, conducting site inspections, and preparing assignment responses. They will also work with technical staff to learn the District’s critical role in wastewater management and environmental protection.

Qualifications must include:

Applicants must possess strong analytical, computing, and oral/written communication skills; be a current college student majoring in civil or environmental engineering, natural or environmental sciences, or computer science; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and the ability to obtain a referral from the schools Internship Coordinator or a letter of recommendation from a college professor.

Interested applicants must forward a resume, a cover letter and the school’s referral or letter of recommendation to MWRDInternships@mwrdo.org or by fax at 312-751-6639. 

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Resumes and cover letters will be accepted until the position is filled.
**Internship Announcement**

The Metropolitan Water Reclamation District of Greater Chicago is in search of current college student majoring in Engineering or a scientific field of study. This paid internship opportunity will be in the Monitoring and Research Department at the O’Brien Water Reclamation Plant in Skokie, IL (mainly) and the Stickney Water Reclamation Plant location in Stickney, IL.

The intern will have the opportunity to work with research based studies on recovering nutrients from wastewater using algae based technologies being piloted at O’Brien WRP in collaboration with Iowa State University (ISU) and Illinois Sustainable Technology Center (ISTC). Duties include day to day operation of pilot systems; sampling of influent/effluent and algal biomass; and sample preparation and submission for analysis.

The intern will have the opportunity to gain hands-on experience with new technologies utilized to recover nitrogen and phosphorus from wastewater and issues related to water quality. Please note that the duration of this internship is expected from May through August 2018.

**Qualifications must include:**

- Applicants must be a current college student majoring in Biology, Agriculture, Environmental Science, or Engineering; have a driver’s license and his/her own car and willing to travel between MWRD Water Reclamation Plants (mainly O’Brien and Stickney); have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and must submit either a referral from the schools Internship Coordinator or a letter of recommendation from a college professor.

This paid ($13.00/hr) opportunity will be available between May and August 2018.

**Interested applicants must forward a resume, a cover letter and the letter of recommendation to:**

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*Resumes and cover letters will be accepted until the position is filled.*
**Internship Announcement**

The Metropolitan Water Reclamation District of Greater Chicago (MWRD) is accepting resumes from currently enrolled science major college students for a paid internship position. The internship will be in the Monitoring and Research Department at the Fulton County site located in Canton, IL.

The intern will have the opportunity to work with the Nutrient Research Initiative and other research projects at Fulton County. These projects involve the preparation and installation of treatments and monitoring equipment in fields; collection and processing of samples from fields and creeks; and delivery of collected samples to an analytical laboratory.

The intern will gain hands on experience by taking part in the operations at the fields and sampling sites. They will also obtain skills in utilizing and maintaining sampling equipment as they work with District staff. The intern will be involved in data entry using Excel spreadsheets, generating reports, and presenting results at the conclusion of the internship. Again, please note that this internship is located at the Fulton County Site.

**Qualifications must include:**
- Current college student status studying Biology, Agriculture, or Environmental Science
- Be able to travel to the Fulton County Site
- Have a current residence in Cook County, IL
- Be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.
- Must submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college professor.

This paid ($13.00/hr) opportunity will be available beginning in March 2018.

**Interested applicants must forward a resume, a cover letter and the letter of recommendation to:**

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Attn: Ebonie Lewis, HR Dept-Employee Development
Chicago, IL 60611

*Resumes and cover letters will be accepted until the position is filled.*
Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago is in search of a current college student majoring in Chemistry, Biology, Environmental Science, or a related scientific field. This paid internship opportunity will be in the Monitoring and Research Department at the Stickney Water Reclamation Plant (SWRP) location in Stickney, IL near Cicero.

The intern will have the opportunity to work directly with Environmental Chemists in an Illinois Environmental Protection Agency (IEPA) accredited laboratory analyzing wastewater samples following standard operating procedures. The intern may learn the common analyses performed in environmental laboratories which could potentially include suspended solids, total solids, pH, alkalinity, nutrient analyses and trace metals.

The intern will also be provided instruction and experience the practical application regarding the operation of laboratory instrumentation for analysis and how to acquire Demonstration of Capabilities (DOCs). The duration of this internship is expected between May and September 2018.

Qualifications must include:
Applicants must be a current college student majoring in Chemistry, Biology or Environmental Science or a related scientific field; chemistry lab experience and coursework preferred; have knowledge of laboratory safety; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

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Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago is in search of a current college student majoring in Chemistry, Biology, Environmental Science, or a related scientific field. This paid internship opportunity will be in the Monitoring and Research Department at the Stickney Water Reclamation Plant location in Stickney, IL near Cicero.

The intern will have the opportunity to work directly with Environmental Chemists in an Illinois Environmental Protection Agency (IEPA) accredited laboratory, specifically the Industrial Waste Analytical Laboratory (IWAL), analyzing wastewater samples following standard operating procedures. They will be trained in sample receiving procedure and all issues concerning sample acceptance and chain of custody. The intern will also be trained in the use of automated equipment for one of the IWAL automated analyses such as cyanide, phenol or Chemical Oxygen Demand, or in the BOD or FOG laboratories.

The intern will be provided instruction and experience the practical application regarding the operation of laboratory instrumentation for analysis and how to acquire Demonstration of Capabilities (DOCs). The duration of this internship is expected between May and September 2018.

Qualifications must include:
Applicants must be a current college student majoring in Chemistry, Biology or Environmental Science or a related scientific field; chemistry lab experience and coursework preferred; have knowledge of laboratory safety; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

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Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago (MWRD) is accepting resumes from currently enrolled students majoring in General, Civil, Electrical or Mechanical Engineering. This paid internship opportunity is in the Maintenance and Operations Department. The position will be located at the Stickney Water Reclamation Plant (SWRP) location in Cicero, IL near 39th Street & Austin Ave.

The prospective intern will work with the Engineering Treatment Plant Operator and assist with gathering, digitizing, and cataloging maintenance manuals and engineering drawings for critical assets at the Stickney plant. These assets may include pumps, motors, switchgear, transformers, boilers, emergency generators, instruments etc. All digital information will then be attached electronically to the assets in our maintenance management system for use by District trades and engineering staff.

The intern is expected utilize their theoretical knowledge regarding the primary purpose and function of these assets to gain experience with how to identify critical resources at a Wastewater Treatment Plant. They will also have the opportunity to further enhance their knowledge and skills related to the improvement of literature vital to efficient plant operations.

Qualifications:
Applicants must be a current college student majoring in General, Civil, Electrical, or Mechanical Engineering; have basic computer skills; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and must submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

This paid ($13.00/hr) opportunity is now available for 2018.

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Resumes and cover letters will be accepted until the position is filled.
**Internship Announcement**

The Metropolitan Water Reclamation District of Greater Chicago (MWRD) is accepting resumes from currently enrolled students majoring in the engineering fields. This paid internship opportunity is in the Maintenance and Operations Department. The position will be located at the Stickney Water Reclamation Plant location in Cicero, IL near 39th Street & Austin Ave.

The prospective intern will gain a basic understanding of the wastewater treatment process and the mechanical, electrical and plumbing systems used throughout the facility. The intern will learn the difference between corrective, predictive and preventive work orders while becoming knowledgeable about the reason for each, become familiar with the Computer Maintenance Management System software, and assist in creating and planning duties.

The intern is also expected to gain practical project management experience by working with the procurement and operations to develop and implement a schedule for over 150 skilled trade personnel to perform maintenance service and repair functions at the largest wastewater treatment plant in the world. This is an opportunity for vast continuing education and practical experience that can be applied to their future educational and professional endeavors.

**Qualifications:**
Must be a current student majoring in General, Civil, Mechanical, or Electrical Engineering, with a concentration in project management (preferred but not required); must have knowledge of Microsoft Excel/Project computer software applications; possess a solid mechanical aptitude along with strong oral and written communication skills; have a current residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and must submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

This paid ($13.00/hr) opportunity is available March 2018.

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Internship Announcement

The Metropolitan Water Reclamation District of Greater Chicago (MWRD) is accepting resumes from current students majoring in Civil Engineering. This is a paid internship opportunity in the Engineering Department. The position will be located in the Main Office Building near the Magnificent Mile in downtown Chicago, IL.

The prospective intern will have the opportunity to learn while working directly with a Principal Structural Engineer to assist with the preparation of AutoCAD drawings, specifications, and design computations. The intern will also assist with structural field inspections as required.

The intern will learn how structural details are developed and designed in addition to how plans and specifications for structural work are prepared. They will gain familiarity with how contracts are administered during construction as well. This opportunity will provide the practical experience that reinforces coursework and afford a broader perspective and knowledge of structural engineering. Training, coursework, or previous internship experience using AutoCAD Version 16 is also highly desirable.

Qualifications:
Applicants must be a current majoring in Civil Engineering; have completed a minimum of 2 years of Civil Engineering coursework; have a permanent residence in Cook County, IL; be a U.S. citizen, an alien lawfully admitted for permanent residence, or alien authorized by the Department of Homeland Security to work in the U.S.; and submit either a referral from the school’s Internship Coordinator or a letter of recommendation from a college Professor or Dean.

This paid ($13.00/hr) opportunity will be available starting in May 2018.

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