



**PROJECT NAME:** Water Distribution System Leak Survey

**AGREEMENT FOR PROFESSIONAL SERVICES**

This Agreement, entered into on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, by and between the **Village of Westmont** (hereinafter referred to as "Utility"), and M.E. Simpson Company, Inc. (hereinafter referred to as "Consultant"),

**WITNESSETH:**

WHEREAS, the Utility wishes to have a **Water Distribution Leak Detection Survey** and;

WHEREAS, the Utility requires the services of a M.E. Simpson Company, Inc. in order to perform the **Water Distribution Leak Detection Survey**, which shall be hereinafter referred to as "the Services";

WHEREAS, it is in the public interest that such Services be undertaken and performed; and

WHEREAS, Consultant is willing and able to provide such Services to the Utility;

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the parties hereto agree as follows:

**Article 1. Scope of Services:** Consultant shall provide required Services for the Utility as set forth in Exhibit A, Scope of Services. Exhibit A is attached hereto and incorporated herein by reference as though fully set forth.

Consultant shall diligently pursue its work under this Agreement and shall complete the Services as described in Exhibit A in a timely manner. Consultant shall perform all Services as expeditiously as is consistent with professional skill and care and the orderly progress of the work.

In the performance of Consultant's work, Consultant agrees to maintain such coordination with the Utility as may be requested and desirable, including primary coordination with the Utilities Department official(s) designated by the Utility as project coordinator(s).

Consultant agrees that any information or documents, including digital GIS information, supplied by the Utility pursuant to Article 3, below, shall be used by Consultant for this project only, and shall not be reused or reassigned for any purpose.

**Article 2. Standard of Care:** Consultant shall be responsible for completion of the Services in sufficient manner to meet high professional standards. The Utility shall be the sole judge of the adequacy of Consultant's work in meeting such standards. However, the Utility shall not unreasonably withhold its approval as to the adequacy of such performance.

**Article 3. Responsibilities of the Utility:** The Utility shall provide all necessary information regarding requirements for the Services. The Utility shall furnish such information as expeditiously as is necessary for the orderly progress of the work, and Consultant shall be entitled to rely upon the accuracy and completeness of such information. The Utility shall designate who is authorized to act on its behalf with respect to this Agreement.

**Article 4. Compensation:** The Utility shall pay Consultant a fee based on the payment schedule set forth in Exhibit B, Schedule of Compensation. Exhibit B is attached hereto and incorporated herein by reference as though fully set forth. The total compensation paid, including fees and expenses, shall not exceed the amounts set forth in Exhibit B. The Payments will be made according to Consultant's bi-weekly progress statements for each phase and shall be invoiced for the percentage of work completed only.

Additional services not set forth in Exhibit A, changes in work, or incurred expenses in excess of the rates set forth in Exhibit B must be authorized in writing by the Utility or its designated project coordinator prior to such work being performed, or expenses incurred. The Utility shall not make payment for any unauthorized work or expenses. Claims for additional work or expenses must be submitted within thirty (30) days of the completion of the work or expenditure, and must be accompanied by a statement of itemized costs.

**Article 5. Appropriation of Funds:** Notwithstanding any other provision of this Agreement, if funds for the continued fulfillment of this Agreement by the Utility are at any time not forthcoming or insufficient, through failure of any entity to appropriate funds or otherwise, then the Utility shall have the right to terminate this Agreement without penalty as set forth in Article 7 herein.

**Article 6. Schedule:** Consultant shall perform the Services according to the schedule set forth in Exhibit C, Schedule. Exhibit C is attached hereto and incorporated herein by reference as though fully set forth. The time limits established by this schedule shall not be exceeded, except for reasonable cause as mutually agreed by the parties.

**Article 7. Termination:** In the event of a party's substantial failure to perform in accordance with the terms of this Agreement, the other party shall have the right to terminate the Agreement upon written notice. The non-performing party shall have fourteen (14) calendar days from the receipt of the termination notice to cure or to submit a plan for cure acceptable to the other party.

The Utility may terminate or suspend performance of this Agreement for the Utility's convenience upon written notice to the Consultant. The Consultant shall terminate or suspend performance of the Services on a schedule acceptable to the Utility, and the Utility shall pay the Consultant for all the Services performed up to the date that written notice is received, plus reasonable termination or suspension expenses.

Upon restart, an equitable adjustment shall be made to the Consultant's compensation and the schedule of services. Upon termination or suspension of this Agreement, all finished or unfinished reports, drawings, collections of data and other documents generated by Consultant in connection with this Agreement shall become the property of the Utility, as set forth in Article 11 herein.

**Article 8. Identity of Consultant:** Consultant acknowledges that one of the primary reasons for its selection by the Utility to perform the duties described in this Agreement is the qualification and experience of the principal personnel whom Consultant has represented will be responsible therefor. Consultant thus agrees that the work to be done pursuant to this Agreement shall be performed by the principal personnel described in Exhibit D, Principal Personnel, and such other personnel in the employ under contract or under the supervision of Consultant whom the Utility shall approve. Exhibit D is attached hereto and incorporated herein by reference as though fully set forth. The Utility reserves the right to reject any of the Consultant's personnel or proposed outside professional sub-consultants, and the Utility reserves the right to request that acceptable replacement personnel be assigned to the project.

**Article 9. Ownership of Documents and Intellectual Property:** All documents, drawings and specifications, including digital format files, prepared by Consultant and furnished to the Utility as part of the Services shall become the property of the Utility. Consultant shall retain its ownership rights in its design, drawing details, specifications, data bases, computer software and other proprietary property. Intellectual property developed, utilized or modified in the performance of the Services shall remain the property of the Consultant.

**Article 10. Independent Contractor Status:** During the entire term of this Agreement, Consultant shall be an independent contractor, and in no event shall any of its personnel, agents or sub-contractors be construed to be, or represent themselves to be, employees of the Utility.

**Article 11. Indemnification:** Consultant shall defend, indemnify and hold harmless the [The Village of Westmont, Illinois](#), the Utility, and the officers, agents and employees of the [Village](#) and the Utility from any and all claims, demands, damages, costs, expenses or other liability arising out of the Agreement or occasioned by the reckless or negligent performance or attempted performance of any provision thereof, including, but not limited to, any reckless or negligent act or omission to act or any willful misconduct on the part of the Consultant or his agents or employees or independent contractors directly responsible to him, except that the above shall not apply to the sole negligence or willful misconduct of the Utility or the Utility's agents, servants or independent contractors who are directly responsible to the Utility. This indemnification provision shall apply even if there is concurrent or joint negligence of the Consultant and the Utility, and even if there is active or passive negligence by either or both parties.

Notwithstanding the foregoing, however, the parties agree that in the absence of negligence by Consultant or his agents or employees or independent contractors. The Utility shall not hold Consultant responsible for the cost of repair or replacement of valves that break or fail during the valve-exercising program. Also, the Utility shall not hold Consultant responsible for discolored water and turbidity, if such phenomena are not the result of negligence by the Consultant.

**Article 12. Insurance:** During the performance of any and all Services under this Agreement, Consultant shall maintain the following insurance in full force and effect:

- a. General Liability Insurance, with a minimum combined single limit of \$1,000,000 for each occurrence and \$1,000,000 in the aggregate.
- b. Automobile Liability Insurance, with a minimum combined single limit of \$1,000,000 for each person and \$1,000,000 for each accident.
- c. Workers' Compensation Insurance in accordance with the statutory requirements of Title 22 of the Indiana Code and/or of the State of Illinois Code.

An insurance company authorized to issue such insurance in the State of Indiana and the State of Illinois shall issue all insurance policies. The **Village of Westmont, Illinois**, the Utility, and the officers, employees and agents of each shall be named as insured under each policy, and the policy shall stipulate that the insurance will operate as primary insurance and that no other insurance effected by the Village will be called upon to contribute to a loss hereunder.

Consultant shall provide evidence of each insurance policy to the Utility prior to the commencement of work under the Agreement. Approval of the insurance by the Utility shall not relieve or decrease the extent to which Consultant may be held responsible for payment of damages resulting from service or operations performed pursuant to this Agreement. If Consultant fails or refuses to procure or maintain the insurance required by these provisions, or fails or refuses to furnish the Utility required proof that the insurance has been procured and is in force and paid for, Utility shall have the right at Utility's election to forthwith terminate the Agreement.

**Article 13. Conflict of Interest:** Consultant declares that it has no present interest, nor shall it acquire any interest, direct or indirect, which would conflict with the performance of Services required under this Agreement. The Consultant agrees that no person having any such interest shall be employed in the performance of this Agreement.

**Article 14. Waiver:** No failure of either party to enforce a term of this Agreement against the other shall be construed as a waiver of that term, nor shall it in anyway affect the party's right to enforce that term. No waiver by any party of any term of this Agreement shall be considered to be a waiver of any other term or breach thereof.

**Article 15. Severability:** The invalidity, illegality or un-enforceability of any provision of this Agreement or the occurrence of any event rendering any portion or provision of this Agreement void shall in no way affect the validity or enforceability of any other portion or provision of this Agreement. Any void provision shall be deemed severed from this Agreement, and the balance of the Agreement shall be construed and enforced as if it did not contain the particular provision to be held void. The parties further agree to amend this Agreement to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this Article shall not prevent this entire Agreement from being void should a provision, which is of the essence of this Agreement, be determined void.

**Article 16. Assignment:** Neither the Utility nor the Consultant shall assign any rights or duties under this Agreement without the prior written consent of the other party; provided, however, Consultant may assign its rights to payment without the Utility's consent. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge the assignor from any obligation under this Agreement.

**Article 17. Third Party Rights:** Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the Utility and the Consultant.

**Article 18. Governing Law:** The laws of the State of [Illinois](#) shall govern this Agreement.

**Article 19. Non-Discrimination:** Consultant shall comply with all Village Ordinances and all other federal, state and local laws and regulations governing non-discrimination in employment.

**Article 20. Compliance with Laws:** In performing the Services under this Agreement, Consultant shall comply with any and all applicable federal, state and local statutes, ordinances, plans and regulations, including any and all regulations for protection of the environment. When appropriate, Consultant shall advise Utility of any and all applicable regulations and approvals required by the Federal Environmental Management Agency (FEMA). Where such statutes, ordinances, plans or regulations of any public authority having any jurisdiction on the project are in conflict, Consultant shall proceed using its best judgment only after attempting to resolve any such conflict between such governmental agencies, and shall notify the Utility in a timely manner of the conflict, attempts of resolution, and planned course of action.

**Article 21. Notices:** Any notice required by this Agreement shall be made in writing to the addresses specified below:

Utility: [Westmont Water Department, 39 E. Burlington Avenue, Westmont, Illinois 60559](#)

Consultant: M.E. Simpson Company, Inc., 3406 Enterprise Avenue, Valparaiso, IN 46383

Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of the Utility and the Consultant.

**Article 22. Intent to be Bound:** The Utility and the Consultant each bind itself and its successors, executors, administrators, permitted assigns, legal representatives and, in the case of a partnership, its partners to the other party to this Agreement, and to the successors, executors, administrators, permitted assigns, legal representatives and partners of such other party in respect to all provisions of this Agreement.

**Article 23. Integration and Modification:** This Agreement, including all Exhibits incorporated by reference, represents the entire and integrated agreement between the Utility and the Consultant. It supersedes all prior and contemporaneous communications, representations and agreements, whether oral or written, relating to the subject matter of this Agreement.

This Agreement may be modified only by a written amendment signed by both parties hereto.

**IN WITNESS WHEREOF**, the parties hereto have caused this Agreement to be executed the day and year first written above.

**Owner**

Village of Westmont, Illinois

**Consultant**

M.E. Simpson Company, Inc.

By: \_\_\_\_\_

\_\_\_\_\_  
Title

By: John H. Van Arsdel

John H. Van Arsdel  
Vice President

Attest: \_\_\_\_\_

\_\_\_\_\_  
Title

Attest: Cara Lance-Emerick

Cara Lance-Emerick  
Finance Manager

# Exhibit A

## SCOPE OF SERVICES

M.E. Simpson Company is a **Technical Service Company** that performs services that are designed to aid a utility in improving accountability, increasing revenues, heightening your distribution and collection system performance and optimizing your distribution and collection system data, records and mapping programs. As a part of our services we also manufacture the Polcon<sup>®</sup> flow and pressure monitoring equipment.

### PROJECT SCOPE

The **Water Distribution Leak Survey** program is conducted using the latest state of the art leak computers, the Fluid Conservation Systems' **AC Digital, DigiCALL** with an outstation preamplifier-transducer system. All of these correlators are manufactured by Fluid Conservation Systems of Milford, Ohio. These Correlators have a proven record of achievement in locating leaks on water distribution systems under some very extreme circumstances. M.E. Simpson Co., Inc. uses FCS equipment exclusively in its leak detection programs for water utilities. Our experienced Project Team (M.E. Simpson Co., Inc. uses **TWO** trained technicians on each leak survey team) will use these devices, along with the **S30**, or **L-MIC** electronically enhanced listening device, to survey the pipeline network.

Every hydrant and accessible valve will be used as a listening point to identify leaks. For non-PVC pipes, services are used on an "as needed" basis to keep the distance between listening points less than five hundred feet (500'); for PVC pipes all accessible services will be listened to. When a leak is detected correlation will be used to verify the existence of the leak as well as to pin-point it. "**Pinpointing**" of the leak, as well as locating leaks other methods fail to reveal, is also done with the FCS correlation equipment mentioned above. These electronic instruments are microprocessor units measures the time it takes the sound of the leak to travel from the leak to the point where the leak correlator is connected to the water line. By connecting the leak correlator to the water line at two locations we receive data describing the distance from the leak to each connection point thus enabling us to determine the exact leak location.

The **Water Distribution Leak Survey** includes M.E. Simpson Co., Inc. furnishing all labor, material, transportation, tools, and equipment necessary to survey the water system. M.E. Simpson Co., Inc. shall be required to provide such skilled and trained personnel and equipment necessary to complete the work herein specified. These personnel are required to have a minimum of three years field experience in leak location and pinpointing. There will be a minimum of two persons per team working on the survey at all times.

### PROJECT OVERVIEW

#### **SURVEY**

- ◆ For non-PVC pipes, survey will be completed by listening on all fire hydrants, all accessible main line valves, and when necessary, services in the designated areas of the leak survey with the chosen electronic listening device. (The location and description of all listening points not accessible will be given to the *Utility* and once corrected they will be listened to as well.)
- ◆ For PVC pipes survey will be completed by listening on all fire hydrants and accessible valves and services.
- ◆ No two listening points (i.e.: hydrants, valves, services, etc.) should be more than 500' feet apart for non-PVC pipes or 150' for PVC pipes.
- ◆ When leak noise has been detected and / or suspected, M.E. Simpson Co., Inc. will use an electronic leak correlator to determine if a leak is present and use the same equipment to pinpoint the leak.

#### **REPORTS**

M.E. Simpson Co., Inc. shall supply a written report on all leaks with their location and estimated water loss to the *Utility*. Included with the written reports will be a descriptive

map of each leak location. M.E. Simpson Co., Inc. shall also supply a written report on all mechanical deficiencies discovered during the leak survey, i.e.: broken valves, hydrants, and services.

### **ASSUMPTIONS AND SERVICES PROVIDED BY THE UTILITY**

- ◆ The *Utility* will furnish all maps, atlases (two copies), and records necessary to properly conduct the survey.
- ◆ The *Utility* will assist as necessary in cleaning out services and valve boxes needed for listening.
- ◆ The *Utility* will make available, on a reasonable but periodic basis, certain personnel with a working knowledge of the water system who may be helpful in attempting to locate particularly hard-to-find water valves for listening and for general information about the system.

### **EQUIPMENT USED**

- ◆ FCS AC Digital, FCS DigiCALL Correlating System Leak Correlator, or Vivax-Metrotech HL6000
- ◆ FCS S-30 or FCS L-MIC electronically enhanced listening device
- ◆ RADIO DETECTION LINE LOCATORS
- ◆ SCHONSTEDT or CHICAGO TAPE magnetic locator

### **SAFETY**

**Safety** is a major part of this project; the *Utility* requires a safe work environment for its employees, technical service providers and the general public. The technical service provider is required to provide a safe work environment at all times during this project. The technical service provider will provide personnel trained in **Confined Space Entry & Self-Rescue, Work Place First Aid, CPR and Traffic Control**. While in the field on this project, the technical service provider and its employees will follow all of the necessary safety procedures to protect themselves, the *Utility* staff and general public. **A minimum of Two-Person Teams will be used at all times for Safety and Quality Assurance.**

**Therefore, the technical service provider will adhere to the following:**

- Any water meter and/or valve locations located in a "*confined space*" such as pit or vault installations that **require entry** will be treated in accordance with the safety rules regarding **Confined Space Entry** as is designated by the *Utility, The Department of Labor and OSHA*. Project personnel will be **trained** (certified where applicable) in Confined Space Entry & Self-Rescue.
- Proper PPE (personal protection equipment) shall be worn at all times. A class III reflective safety vest will be worn for all work. Class II will not be accepted.
- The Project Team will follow all **traffic safety rules**, as is designated by the *Utility, The Department of Labor, OSHA and the State Department of Transportation*. Project personnel will be **trained** (certified where applicable) by an organization such as the *AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA)*, in Traffic Control and Safety (MUTCD Standards).
- The Project Team will follow all procedures regarding **Work Place First Aid & CPR**, as is designated by the *Utility, The Department of Labor and OSHA*. Project personnel will be **trained** (certified where applicable) in First Aid & CPR.
- The Project Manager and the Project Leader will be trained in accordance with OSHA Standard 1910 (General Industry) and be in possession of an **OSHA 10 Hour or 30 Hour Card**.

## Exhibit B

# SCHEDULE OF COMPENSATION

### PROPOSAL FEE

The leak survey program will be conducted on approximately 90 miles of pipe in the Utility's water distribution system. The survey will be completed by listening on the main line valves, fire hydrants and necessary services by one of our two-man teams with all necessary equipment furnished by M.E. Simpson Co., Inc. as described within this document.

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A Water Distribution System Leak Survey on **90 miles** of water main for a lump sum fee:

**NINETEEN THOUSAND THREE HUNDRED FIFTY DOLLARS ----- (\$19,350.00)**

**\*\*Any water main surveyed in addition to the above 90 original miles of pipe will be surveyed at the rate of \$215.00 per mile of AC and Iron Pipe.**

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All procedures will be followed according to the above project scope. The data gathered will be compiled and a report of all leaks found will be submitted to your Utility as the survey takes place.

# Exhibit C

## SCHEDULE

### Schedule of Completion:

The Leak Survey work will be completed during the months of December, 2011, and January 2012. The dates and time will be based on the weather and mutually agree upon by the Village of Westmont, Illinois (Director or designated representative) and M.E. Simpson Company, Inc. (Project Manager or designated representative)

The tentative schedule, once agreed upon by both parties, will be as follows:

Dec. 5, 2011	Kick off meeting and start of survey
Dec. 5, 2011 – Jan. 27, 2012	Field Crew performs leak detection survey
Dec.5, 2011 – Feb. 6, 1012	Data compilation
Feb. 13, 2012	Final Report issued

# Exhibit D

## PRINCIPAL PERSONNEL

### ABOUT M.E. SIMPSON COMPANY, INC.

In 1979 M.E. Simpson Company, Inc. was formed to provide "Technical Services" to Municipal and Private Water Utilities in the Midwest. Our company provides services in the areas of Water Meter Evaluation and Maintenance, Water Distribution System Leak Surveys, Water Distribution System Flow Measuring & Testing, Fire Hydrant Flow Testing & Flushing, Water Distribution System Valve Location and Exercising and Cross Connection Control Programs. Our purpose was to take advantage of a lack of expertise in this field and to fill this void with qualified people using the best equipment.

M.E. Simpson Company, Inc. was founded by Marvin E. Simpson who had spent the twenty four years prior to 1979 working within the water works industry for a few major manufacturers of piping, valves, and water meters. The company began operations in Rochester, Indiana and moved the corporate headquarters to Valparaiso, Indiana in 1988. In 1989 the Indiana Section of the American Water Works Association honored Marvin with the "Water Wheel Award" for his outstanding service to his profession. In 1995 Marvin was honored as a lifetime Member of the American Water Works Association.

Marvin's belief in service to our Industry and our Country has established M.E. Simpson Company's commitment to community and organizations such as the United Way, Abused Women and Children, Mental Health Association, and Jaycees for example, as well as local Police and Fire organizations. We encourage all of our employees to be active within their own communities serving with various organizations such as the Jaycees and Kiwanis.

M.E. Simpson Company is active in Water Works Organizations such as American Water Works Association, Water Operators Association, Rural Water Association, American Backflow Prevention Association, American Public Works Association as well as local Districts, Branches, and Suburban Groups.

Our support of these groups goes beyond Membership to truly taking an active role by allowing employees to fill elected and appointed positions as officers and committee chairpersons. M.E. Simpson Company has always taken an active role in education by making presentations at meetings and training seminars. We have presented programs on Water Meter Evaluation and Maintenance, Water Distribution System Leak Surveys, Water Distribution System Valve Location, Exercising and Computerized Mapping.

M.E. Simpson is proud of the work we have performed and the maintenance programs that we have developed utilizing the latest technology and meeting the needs of "our customer" the Water Works Industry. We have played an important role in educating utilities about the need for and efficiency of annual maintenance programs; including the development of Polcon Pro-Valve® a computer software program for valve location and exercising records and Pro-Hydrant® a computer software program for fire hydrant flow testing records. The continuing development and manufacturing of the Polcon® Flow Monitoring Equipment. We have moved beyond the competition in flow / pressure recording, computerization and record management.

M.E. Simpson Company, Inc. offers these technical services to water utilities, because many lack the manpower, equipment, and/or expertise to perform what is required to consistently supply not only **safe, pure, potable drinking water**, but a water system that is financially sound and operates to conserve our most precious resource - WATER.

M.E. Simpson Company's primary Mission is to provide quality technical & professional services to the Water Works Industry. With this as our mission, we provide our services knowing that the public has the implicit faith that "the water is always safe to drink".

## QUALIFICATIONS

**Michael D. Simpson, CEO**, has been with the company since February 1983 after completing two years at Purdue University studying Industrial Technology. Michael developed many of the techniques used today by M.E. Simpson Co., Inc. for performing water distribution system evaluations. Michael has completed classes and given lectures on hydraulics specifically related to the Polcon<sup>®</sup> Flow Testing equipment and performed flow testing from 1986 through 1998. He has been personally responsible for over 100 water distribution evaluation programs. In addition, Michael is experienced in sewer flow monitoring using ISCO equipment, experienced in sewer smoke testing, and manhole inspections. Michael has maintained an active role in several local and state water works organizations. Michael has held offices on various Boards of Directors, as well as served on various committees. At this time, Michael is Past Chair - for the Indiana Section of AWWA; MAC committee for the AWWA; and is a member of the **National AWWA "Water Loss Control Committee"**, and a member of the Water Environment Federation (WEF). As a part of his involvement in different organizations Michael continues to teach Water Loss Reduction and Water Distribution System Improvement classes. He is a multi-section member of the AWWA and a member of Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin Rural Water organizations. Michael was awarded the "**Water Wheel Award**" by the Indiana Section for his outstanding contributions to the water profession and the Water-for-People's "**Kenneth J. Miller Founders Award**" for his commitment to their efforts.

**Dan E. Hood, President**, has been with the company since October 1985. Dan is a graduate of Purdue University with a B.S. in Industrial Technology. Dan has implemented certain computer programs which have greatly improved the water distribution systems evaluations. Having attended classes on hydraulics specifically related to our Polcon<sup>®</sup> Flow Testing equipment, Dan has ten years of experience performing flow tests. Dan is experienced in sewer flow monitoring using ISCO equipment, experienced in sewer smoke testing, and manhole inspections. Dan has extensive experience in meter evaluation, maintenance and installation. After completing numerous schools and lectures related to the operation and maintenance of water meters he has taught these techniques to employees. Dan was instrumental in pioneering the development of our valve assessment programs and the early development of our Polcon Pro-Valve<sup>®</sup> software and has trained all of our personnel in this area. Dan has taught Water Loss Reduction and Water Distribution System Improvement classes for the Indiana Section of AWWA and the Indiana Department of Environmental Management. Dan has published articles in News Leaks, Indiana Section of AWWA newsletter; Splash, Illinois Section of AWWA newsletter, and American Backflow Prevention Association newsletter. Dan is a multi-section member of AWWA and a member of Indiana and Wisconsin Rural Water organizations, as well as the Water Environment Federation (WEF). He is the Past Chair (2007) for the Indiana Section of AWWA and is currently a Vice President with the AWWA national. He is also a member of the **National AWWA "Meter Standards" Committee** and the "**Section Management Committee**". Dan received the Indiana Section's "**Water Wheel Award**" for his outstanding service to the water profession and the Water-for-People's "**Kenneth J. Miller Founders Award**" for his commitment to their efforts.

**John H. Van Arsdel, Vice President**, has been with the company since May 1989. He is a graduate of Valparaiso University with a B.A. in Geography with an emphasis in locational evaluation and research design. He has completed Water Operators classes and seminars on Water Filtration and Distribution; Vulnerability Assessment Class for the Sandia Labs RAM-W method and the RAM-W "modified" for small to medium systems (*licensed to use the Sandia Labs RAM-W Method, and licensed to teach the RAM-W "modified" for small to medium water systems*); Operation and Maintenance of Water Meters, and Flow Testing. John has extensive experience in the use of state of the art leak detection equipment and meter evaluation and maintenance. His expert knowledge includes the use of the Polcon<sup>®</sup> Flow Testing method in flow testing; valve location, exercising and mapping programs and fire hydrant and main capacity flow testing programs. John is experienced in sewer flow monitoring using ISCO equipment, experienced in sewer smoke testing, and manhole inspections and inventory. John helped develop our Unidirectional Main Flushing Program. He is responsible for the analysis, evaluation, and CAD updating of Water Distribution, Sanitary, and Storm Atlases using GPS locating. He has lectured to several local and state Water Works Organizations on Water Loss Reduction and Flow Testing and served on the North Suburban Water Works Association Board of Directors. John has published articles in News Leaks, Indiana Section of AWWA newsletter; Splash, Illinois Section of AWWA newsletter, John is a multi-section member of the AWWA and a member of Illinois and Wisconsin Rural Water organizations. He currently serves as Vice Chair - of

the Illinois Section AWWA, member of the Education Committee for the Illinois Section of AWWA and is Chair of the **National AWWA "Water Loss" Committee**.

**Jeffrey A. Morris, Vice President**, has been with the company since March 1996. He previously worked in the plumbing/pipe fitting and construction industry for 12 years. Jeff is a graduate of Lawrence County Vocational/Technical School where he studied Industrial Electricity. Jeff has attended numerous schools, classes and lectures related to the operation, maintenance and installation of water meters and completed classes in plumbing. Jeff has extensive experience in operation, maintenance and installation of water meters; valve location, exercising and mapping; fire hydrant and main capacity flow testing; and use of state of the art leak detection equipment. He is also experienced in the use of all of our Polcon® Flow Testing equipment. He has operated and supervised numerous wastewater flow monitoring, smoke testing and mapping projects. He also has knowledge and training in the use of ISCO equipment and its deployment. Jeff is a member of the Indiana and Ohio Sections of AWWA. As a member of the Indiana Section of AWWA, he serves as Chair - Competition Committee and Small Systems Committee. He is a member of Indiana and Ohio Rural Water organizations as well as the Water Environment Federation (WEF), and serves as Chair - Associate Member Events & Exhibits Committee of Indiana Rural Water Association. Jeff received the Indiana Section's "**Water Wheel Award**" for his outstanding service to the water profession.

**Matthew S. Brown, Regional Manager-Valparaiso**, has been with the company since May 1990. He previously worked in the farming industry. Matt has completed classes and attended lectures related to the operation and maintenance of water meters and backflow testing. He has extensive experience in all aspects of evaluation and maintenance of water meters, valve location, and exercising and mapping programs. Matt is also experienced in the use of state of the art leak detection equipment and the operation of our Polcon® Flow Testing equipment. Matt is a member of the Indiana and Michigan Sections of AWWA as well as the Indiana and Michigan Rural Water organizations.

**Randahl Lusk, Regional Manager-Dyer**, has been with the company since November 2000. He previously worked in retail business. Randy has attended classes and lectures on the operation and maintenance of water meters. Randy has experience in valve location, exercising and mapping, and the use of state of the art leak detection equipment. He is experienced in the operation and maintenance of water meters, fire hydrant, main capacity flow testing, and the operation of our Polcon® Flow Testing equipment. Randy is the Past President of the South Suburban Water Works Association, member of the Indiana and Illinois Sections of AWWA, and member of the "Tops Ops" and "Young Professionals" Committees in Illinois.

**Todd Schaefer, Regional Manager-Waukegan**, has been with the company since July of 1999 after completing three years at Purdue University. He previously worked in production quality control and also worked in the automotive industry. Todd has completed classes and attended lectures on the operation and maintenance of water meters and backflow testing. Todd has extensive experience in valve location, exercising and mapping, and the use of the state of the art leak detection equipment. He is experienced in the operation and maintenance of water meters, fire hydrant and main capacity flow testing, and the operation of our Polcon® Flow Testing equipment. Todd is a member of the North Suburban Water Works Association, Western Wisconsin Water Professionals Association, and the Wisconsin and Illinois Sections of AWWA. Todd serves as a member of the “Meter Madness” Committee, Young Professionals Committee in Illinois, and MAC in Wisconsin and Midwest Water Industry Show planning committee.

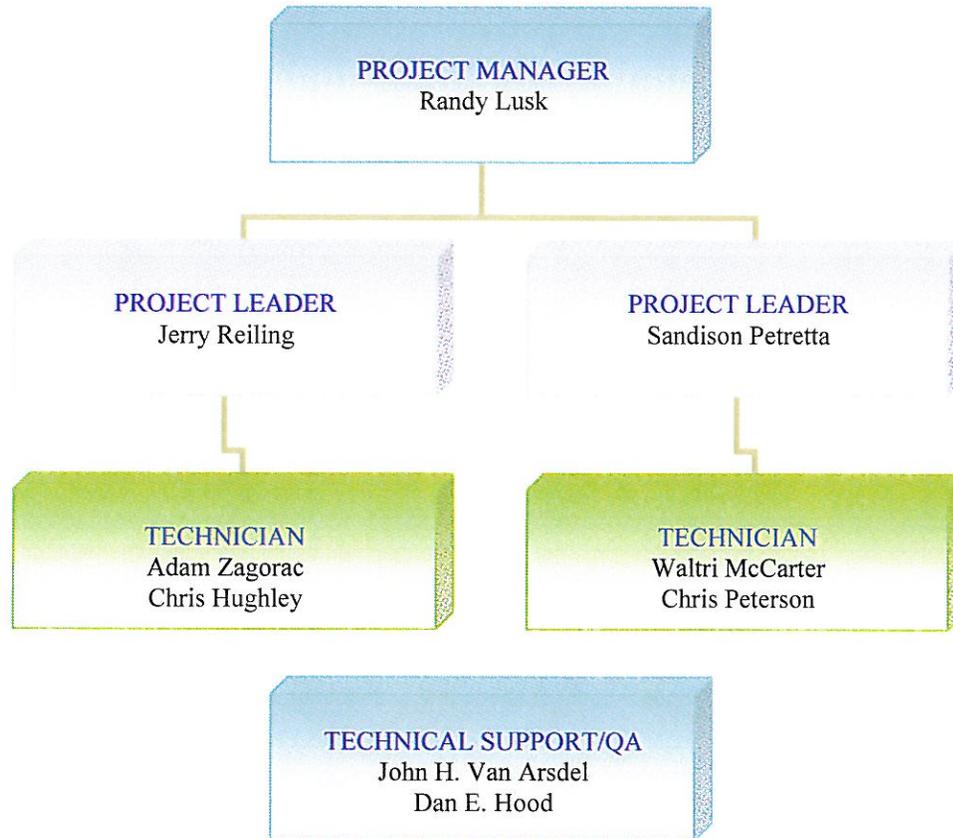
**Scott McElroy, Regional Manager - Phoenix**, has been with the company since August 1997. He completed one year at Purdue University in Business Management. Scott previously worked in the construction industry and retail business. He has completed classes and attended lectures on the operation and maintenance of water meters. Scott is experienced in the operation and maintenance of water meters, valve location, exercising and mapping, use of the state of the art leak detection equipment, and the operation of our Polcon® Flow Testing equipment. He has supervised wastewater manhole inspection, inventory, and mapping projects. Scott currently serves on the Safety Committee for the AZ Water Association.

**Alex Hood, Operations and Production Manager**, has been with the company since October of 1998. Alex spent seven years in the United States Marine Corps Reserve and is a graduate of Purdue University with a Bachelor of Science in Organizational Leadership and Supervision. He has experience in valve location, exercising and mapping, and the use of the state of the art leak detection equipment. Alex also has experience in the operation and maintenance of water meters, fire hydrant and main capacity flow testing, and the operation of our Polcon® Flow Testing equipment. Alex has attended classes and lectures on the operation and maintenance of water meters. He has operated and supervised wastewater flow monitoring, manhole inspection, smoke testing and mapping projects. He is an authorized trainer for: OSHA 10/30 hr. for General Industry; Instructor for American Red Cross certified First Aid and CPR with AED; Flagging Instructor, Traffic Control Technician, and Traffic Control Supervisor for the American Traffic Safety Services Association (ATSSA). He is certified as a Traffic Control Supervisor, Traffic Control Technician, holds a General Industry & Construction Industry OSHA 10hr Card, OSHA 30hr Card, and First Aid and CPR. Alex is a member of the American Traffic and Safety Services Association (ATSSA), the American Society of Safety Engineers (ASSE), the National Safety Council (NSC). Alex is a member of the Indiana Section AWWA and serves on the Safety Committee.

**Jerry Reiling, Field Services Manager**, has been with the company since May 1996. He is a graduate of Purdue University with a B.A. in Physical Education. Jerry previously worked in both the Environmental Services Industries and HVAC for 10 years. He has completed classes and attended lectures on the operation and maintenance of water meters. Jerry is experienced in the operation and maintenance of water meters, valve location, exercising and mapping, use of the state of the art leak detection equipment, and the operation of our Polcon® Flow Testing equipment. He has supervised wastewater manhole inspection, inventory, and mapping projects.

## PROJECT STAFFING

The chart below outlines the **Project Team** to be used during the Water Distribution System Leak Survey Program for the Village of Westmont, Illinois. One of the two Project Leaders listed will lead the **Project Team** in the field. **Two-Man Project Teams** will be used at all times during the course of the Project for reasons of Safety and Quality Assurance.



## QUALIFICATIONS OF STAFF FOR WATER DISTRIBUTION SYSTEM LEAK SURVEY SERVICES

In the following section, you will find information about the M.E. Simpson Co., Inc. personnel who will be acting as Project Manager and Project Leaders for the proposed project. With each Project Manager and Project Leader you will find a history of projects previously staffed by these individuals. For more information about any of these projects or contact information, please call us at (800) 255-1521.

### PROJECT MANAGER

#### **Randy Lusk, Regional Manager-Dyer**

Randy was the Project Manager for the following selected Leak projects.

- ◆ (2009 - 2010) City of Joliet – Joliet, IL
- ◆ (2009 - 2010) Village of Hickory Hills – Hickory Hills, IL
- ◆ (2008 - 2010) Village of Mokena – Mokena, IL
- ◆ (2006 - 2010) Village of Palos Hills – Palos Hills, IL
- ◆ (2010) Town of Elwood – Elwood, IL
- ◆ (2010) Village of Montgomery – Montgomery, IL
- ◆ (2009) City of Morris – Morris, IL
- ◆ (2009) Village of Richton Park – Richton Park, IL
- ◆ (2008 - 2009) Village of Hinsdale – Hinsdale, IL
- ◆ (2007, 2009) Village of South Holland – South Holland, IL
- ◆ (2009) Village of Glenwood – Glenwood, IL
- ◆ (2009) Village of Park Forest – Park Forest, IL
- ◆ (2008 - 2009) Village of Oak Park – Oak Park, IL

### PROJECT LEADERS

#### **Sandison Petretta, Project Leader**

Sandison was the Project Leader for the following selected Leak projects.

- ◆ (2010) Village of Mokena – Mokena, IL
- ◆ (2009 - 2010) Village of Palos Hills – Palos Hills, IL
- ◆ (2009) Village of Hickory Hills – Hickory Hills, IL
- ◆ (2009) Village of Glenwood – Glenwood, IL
- ◆ (2009) City of Morris – Morris, IL
- ◆ (2009) Village of South Holland – South Holland, IL
- ◆ (2008, 2009) Village Downers Grove – Downers Grove, IL
- ◆ (2008) Village of Flossmoor – Flossmoor, IL
- ◆ (2007) Village of Maywood – Maywood, IL
- ◆ (2007) Village of Henry – Henry, IL
- ◆ (2007) City of Country Club Hills – Country Club Hills, IL

#### **Jerry Reiling, Field Services Manager**

Jerry was the Project Leader for the following selected Leak projects.

- ◆ (2010) Village of Hickory Hills – Hickory Hills, IL
- ◆ (2010) Village of Elwood – Elwood, IL
- ◆ (2008 - 2010) City of Joliet – Joliet, IL
- ◆ (2008 - 2009) Village of Mokena – Mokena, IL
- ◆ (2008) City of Calumet City – Calumet City, IL
- ◆ (2005, 2008) Village of Clarendon Hills Water Department – Clarendon Hills, IL
- ◆ (2008) Village of Itasca – Itasca, IL
- ◆ (2008) Miami Dade County – Miami, FL
- ◆ (2007) Village of Palos Hills – Palos Hills, IL
- ◆ (2007) Village of LaGrange – LaGrange, IL
- ◆ (2006 - 2007) Village of South Holland – South Holland, IL