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Special Features

Marshall Miller Communications Group (MMCG) Marketing Tips

Marshall Miller & Associates has been ranked a top firm in ENR magazine for the seventh year in a row!

Continued Growth at Marshall Miller & Associates

By Tracy Paine, Vice President - Marketing

Beckley, W.Va.- Marshall Miller & Associates (MM&A) is pleased to announce the addition of its newest office location. This office, located at 200 George Street, Suite 6, Beckley, West Virginia, will allow MM&A to better serve its clients and continues a pattern of growth in West Virginia. In the past two years, MM&A has increased its West Virginia staff almost ten fold. In addition to the firm's core geologic and engineering services, MM&A has quickly established itself as one of the top mine permitting consulting firms in West Virginia. The centralized location of the Beckley office will only further enhance the firm's capabilities of responding to clients' needs.



Beckley, WV Office Location

Energy & Mineral Resources Group - Bluefield Office News

Expansion Completed

By Scott Keim, CPG, President – Energy & Mineral Resources



EMR Bluefield Expansion

The Energy & Mineral Resources Group (EMR) moved into a newly expanded office in the Bluefield Industrial Park and is now housed under one roof that covers nearly 16,000 square feet. This expansion provides greater opportunities for sharing staff and networking the synergies of experience, talent, and expertise of our professionals for project-related work. In addition, we expect increased efficiency with the proximity of our mining engineering, permitting, hydrogeological,

and geological staffs. The expansion also allows for visiting employees from other offices to work hand-in-hand with the permanent Bluefield staff. We have already filled our new office space, which doubled the size of the existing building.

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For more information regarding any news story, contact Tracy Paine at (276) 322-5467 or email at tracy.paine@mma1.com

MM&A Opens Beckley, WV Office

One move that helped to solve our space shortage was the opening of the Beckley, West Virginia satellite office to house our permitting group. We had six staff members that commuted daily from Beckley to either Bluefield or Charleston. Now the Beckley presence allows our staff members to work closer to home, although they will still be required to travel a few days per week. Our staff welcomes the decreased travel time on the West Virginia turnpike, particularly in peak traffic hours and bad weather.

In Charleston, we also need to expand our office space. Our expanding engineering and permitting services drive our need for larger office space. Options include moving into additional space adjacent to our existing location or moving into a different office complex.



New MM&A Office Location at Beckley, West Virginia

Project Work

We are pleased to announce our involvement in several governmental projects. This includes a Carbon Sequestration project for the United States Department of Energy (DOE) (see related article from Kingsport office). MM&A presently works in partnership with Virginia Polytechnic and State University (Virginia Tech) on a Phase I Carbon Sequestration Project. This project assesses the carbon dioxide storage capacity in deep unmineable coal seams located in southwestern Virginia and is nearing completion.

A continuation of the assignment via a Phase II project received DOE approval and funding. MM&A is part of the Southeast Regional Carbon Sequestration Partnership assigned with the task of defining the potential for storing carbon dioxide in three field sequestration validation tests in three target geologic formations: enhanced oil recovery stacked reservoirs, coal seams, and saline reservoirs. The region covers the states of Georgia, Florida, South Carolina, North Carolina, Virginia, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, and southeast Texas. The Southern States Energy Board in Norcross, Georgia heads up the partnership.

The total project funding equals \$19,975,044 with a DOE share of \$14,294,555. The remaining \$5,680,489 represents money from the partnership via industry support and in-kind contributions.

Geophysical Logging Systems

The geophysical group maintains a grueling schedule in another record-breaking year. They perform their duties conscientiously and consistently exhibit the highest degree of professionalism. New records include total footage logged, number of jobs completed, number of clients served, size of department, and total revenue. We attribute their success to hard work and no significant turnover in personnel. Our staff now represents our most experienced group of loggers in the history of Geological Logging Systems.

On the International Front

International opportunities continue at an unprecedented pace. We move forward with ongoing projects in China, Mexico, and Venezuela. This is presenting quite a challenge as our US-based project load expands on a daily basis. We typically work on well over 150 ongoing projects at any given time. Although we maintain a full project base in the United States, we continue to pursue international opportunities.

We recently took advantage of opportunities for marketing our services and specific project work in China and Venezuela. Scott Keim traveled to Venezuela in July. Marshall Miller, Tracy Paine, Joe Vance, and Scott Keim returned from a marketing trip to China in early June. The Virginia Economic Development Partnership (VEDP) paired MM&A up with potential clients, and MM&A did some marketing independent of the VEDP-scheduled meetings. The trip provided MM&A with a great deal of exposure to potential environmental and energy clients. The MM&A team took time from their hectic schedules to enjoy sightseeing and shopping opportunities.



Mexico, North of Monterrey



China, The Great Wall

John Lydzinski, George Oberlick, and Joe Overbay departed for the Czech Republic on August 1, 2005. They held several meetings with clients in Prague before traveling to Ostrava for perform mine-related studies. They returned to the U.S. in late August. (continued, page 3)

On the International Front (continued)

We integrate our pursuit of international projects with a well-seasoned, multi-lingual international staff. Lexington remains a base for many of our international engineers. Edmundo Laporte, a graduate civil engineer from Venezuela, joined our group in 2001. Canadian Hugo Fournier, graduate engineer with a B.S. in mining and M.S. in electrical engineering, joined our Lexington team in October of 2004. Our latest staff addition with a Ph.D. in mining engineering, Jinrong Ma, started employment in January of 2005 and completes our multi-cultural staff. Edmundo and Hugo recently passed their E.I.T. exams and are well on their way to Professional Engineering certification. Congratulations!

Both John Feddock and Jinrong Ma traveled to China to work on a mine health and safety project related to coalbed methane drainage located in the Liaoning Province in northeastern China. This is Jinrong's first trip back to China since he initiated his graduate studies at Southern Illinois University six years ago.

EMR - New Staff



Cade Mason joined the EMR Charleston Group on July 18. Cade is a May 2005 graduate of West Virginia University where he received a B.S. in Mining Engineering from the College of Engineering and Mineral Resources. While working toward his degree, he co-oped at RAG's Cumberland mine and later interned at their Beckley office.

Cade will be employed as a Graduate Engineer/EIT and will be performing engineering functions in the permitting department in Charleston.



Thomas Eberhardt, joined the Bluefield EMR AutoCad Drafting staff. Thomas has quite a diverse background. He was previously a police officer for the Fairfax County Police Department. Prior to his law-enforcement work, he worked as a surgical technician at INOVA Alexandria Hospital. Thomas's experience also covers Marine Security Guard duties with the United States Marine Corps based in Camp Lejeune, NC.

Thomas has a B.S. in Behavioral Science from Bluefield College and an A.A.S. in Drafting and Design from Wytheville Community College.



Ben Barber joined the Bluefield EMR Group on August 1, 2005, as an Employee Support Specialist. A Princeton, West Virginia native, Ben assists the staff with the day-to-day operations to improve the overall efficiency of our group by performing many essential support services in a timely manner.



Chuck Mather joined MM&A's Kingsport EMR staff in August on a contractual, as-needed basis. As a geophysicist with 30 years of major oil company experience, he adds geophysical (seismic) interpretation to our expansive service offerings. Chuck can provide MM&A's clients with the following geophysical capabilities:

seismic interpretation – structural and stratigraphic; interpretation of both 2D and 3D seismic data sets; seismic evaluation for oil and gas exploration; and field development.

Promotions

The Energy & Mineral Resources Group promoted three staff members. Scott Keim announced the promotion of **Peter Lawson** to Executive Vice President of Energy & Mineral Resources in June. Peter displays exceptional management skills and professionalism and now has the expanded responsibility of overseeing all Energy & Mineral engineering and operational projects. Peter manages our Charleston office but travels regularly to Bluefield.



Matt Conrad received a promotion to Sr. Vice President of Energy & Mineral Resources. Matt manages all MM&A coalbed methane and oil and gas projects from our Kingsport, Tennessee office, and has significantly expanded our oil and gas client base.



Mike Miller has been promoted to Vice President of Energy & Mineral Resources. Mike's responsibilities include all production and engineering activities in our oil and gas business unit. He is based in Kingsport, Tennessee.



Headwaters Inc. v. AJG Financial Services, Inc. \$175 Million Jury Verdict

By John Feddock, P.E., Senior Vice President - Energy and Mineral Resources

During January, John E. Feddock, P.E., provided expert witness and technical support services on behalf of Headwaters, Inc. (Headwaters) [NASDAQ: HDWR], regarding three claims against AJG Financial Services, Inc. (AJG). The testimony was given during a jury trial in Provo, Utah, regarding a dispute on a synfuel licensing agreement between the parties. In its February 11, 2005, press announcement Headwaters stated, "The jury found that AJG should pay Headwaters \$175,294,532 for the breach of contract through 2004." This is a significant jury finding for an MM&A client and may be the largest economic finding where MM&A provided expert witness services.

It was anticipated that there might have been post-trial motions before the Court where the parties might seek relief from the judgment by motion to the trial court, and by appeal from the final judgment. However, Headwaters subsequently announced in April that it had reached an agreement in principle with AJG to settle all litigation between the companies. AJG would pay Headwaters \$50 million in May 2005, a payment of \$70 million in January 2006, and a contract modification for years 2005 through 2007, when synfuel credits are due to expire. (continued, page 4)

Headwaters Inc. v. AJG Financial Services - \$175 Million Jury Verdict (continued)

MM&A has been involved with the lawsuit since early 2003, and John is very pleased that the jury deemed valid the opinions and findings prepared by MM&A. John provided testimony on plant relocation, equipment, capacity, and market-related issues. Headwaters is currently reviewing appropriate accounting treatment and timing of amounts to be received and certain expenses that are to be recognized in the period of settlement. It is a successful verdict for a trusted client. For more information regarding Headwaters, please see their website at www.headwaters.com. MM&A applauds John's efforts and the efforts of everyone who worked with him on this case.

Process Improvement Implies Change

Peter Lawson, Executive Vice President - Energy and Mineral Resources

Becoming a process-driven organization is big change. Many books and articles have been written about organizations that have achieved great rewards as a consequence of implementing process improvement in its various forms. Simplest and most important among the forms is the installation of appropriate measurement and feedback systems.

If you are looking for a different kind of performance from your organization you must install new and different measures. If you want to single out the one management act that can make the greatest contribution to successful and enduring process management, it would be developing and installing a process-based measurement system.

Good measurement is crucial for a variety of reasons:

- It signals what is important.
- It positions people to get priorities straight.
- It focuses everybody's efforts on what counts the most.
- It makes it possible for individuals to evaluate their performance.
- It makes it possible for individuals to allocate their time and effort to produce maximum payoff.

Measurement provides data flow on how well we are progressing toward goals. By itself, measurement is worthless unless the results of our measuring are communicated to the people who can use the information. Measurements have to be meaningful, timely, and most of all, accurate.

Good measures are hard to come by. As a starting point, we must establish a set of measures that reflect the organization's needs. These measures can include the need to operate safely, productively and profitably and the need for effective asset utilization, among others. Measures such as these provide a gauge as to how well we are doing at carrying out a strategy. Simply put – what gets measured gets done. These broad measures need to be broken down into the key sub-measures for day-to-day control.

(continued, page 5)

Continuous Improvement

Peter Lawson, Executive Vice President

This begins a series of articles on continuous improvement that will appear over the coming months in the newsletter (refer to related article in this issue – Process Improvement Implies Change). If your organization needs assistance developing or implementing a process improvement strategy, please contact us for information on how MM&A and Barnes Learning Group (BLG) can combine to customize a strategy for your business.

Continuous Improvement, and embedded within it, process management, is a business philosophy that was popularized in Japan. Continuous improvement creates steady growth and improvement by keeping a business focused on its goals and priorities. Although continuous improvement is steady, it can provide "quantum leaps" when cumulative improvements achieve synergy.

The following are some key points when considering a continuous improvement plan:

- Continuous means ongoing. The process never stops.
- Once a year, have an outsider review your business. Outsiders can often see what you cannot.
- Do the simple and cheap things first and quickly. This builds credibility, momentum, and commitment with your people.
- Have a formal suggestion system for your employees.
- Do not try to do it all at once. Set up a plan and do it in stages.
- Work on two or three priority items. Working on more items can diffuse the effort, energy, and resources.
- Celebrate, acknowledge, and reward accomplishment. This creates a positive environment for improvement.
- Make continuous improvement a part of your production and business meetings.
- Make certain your improvements involve your customers – external and internal.
- Focus on delivering increasing value.
- Develop a continuous improvement system that works for your business. Do not copy without trying – what works for one business may not work for another.
- Look inside the industry at your competition for best practices. Competitors can often show you a better way. If it works, use it.
- Use a cost-benefit analysis if you have difficulty setting priorities.
- Be hungry for new ideas and ways to improve. Make this part of your business culture. Set the example and people will follow.

Remember, continuous improvement is a business philosophy that has proven results. The main idea is constant focus – by focusing on your business you can find out how to improve it.

Marshall Miller & Associates has aligned its services and experience with the Barnes Learning Group (BLG) of Charleston, West Virginia to facilitate process improvement strategies within the coal industry. BLG helps businesses build and transform their workplace cultures and with MM&A, develops services tailored to meet a client's organizational needs. BLG experience includes more than 25 years in human resource improvement and workforce development, a majority of which has been provided to the coal and extractive industries.

Process Improvement Implies Change (continued)

Used properly, measurement is your best tool for process management and it is recommended that any organization with a desire for process improvement start there. It is essential in your efforts to communicate direction, establish accountability, track performance, allocate resources, and pursue improvements. When done right, carefully chosen measures and related goals serve as the most powerful single driver of your organization's operating effectiveness as a system.

Phase II Carbon Sequestration Project Funded By DOE

By Matt Conrad, Mike Miller, and Bill Vail - Energy and Mineral Resources

The Phase II Carbon Sequestration Project has been awarded funding by the U.S. Department of Energy (DOE), providing MM&A with approximately \$1.25 million of funded work over four years to conduct field tests at two Central Appalachian Basin locations, injecting carbon dioxide underground into unmineable coal beds. U.S. Secretary of Energy, Samuel Bodman, announced last month that \$14.3 million has been awarded to the multi-state Southeast Regional Carbon Sequestration Partnership (SECARB) to conduct the field tests, which includes not only the MM&A work, but also an additional coalbed injection project in Alabama and projects elsewhere. More than half of the MM&A funding is expected to provide for direct research, planning, operational supervision, and results analysis by MM&A staff. The balance will provide for material purchases and contracted third-party services.

The Oil & Gas Division of MM&A will work closely with the Virginia Center for Coal and Energy Research at Virginia Tech, The Geological Survey of Alabama, the Kentucky Geological Survey, Advanced Resources International, and the Eastern Coal Council in accomplishing the sequestration projects. Additional assistance will be provided by industry partners, including AMVEST, CDX Gas, CONSOL, and McJunkin, who have agreed to contribute wells, materials, supplemental funding, and/or technical support to the project. MM&A will soon be in contact with other prospective partners to complete the data acquisition and industry cost share requirements.

The overall goal of the Carbon Sequestration Research is to demonstrate whether carbon dioxide emissions from coal-fired electrical power generating facilities and other industrial sources can be injected into coalbeds and other carbon sinks, rather than adding to the accumulation of greenhouse gases in the atmosphere. Carbon dioxide has a demonstrated affinity to absorb onto the coal structure for seams occurring in the subsurface. An additional benefit of permanently storing carbon dioxide in coal seams is that methane is released from the coal matrix when carbon dioxide is absorbed, thus enabling the recovery of incremental coalbed methane (CBM) reserves that otherwise would not be economically produced.

The Phase I Carbon Sequestration Project, in which MM&A has been a research participant since May 2004, has demonstrated significant sequestration potential in the coal fields of southern West Virginia, southwest BRN Virginia, and eastern Kentucky. Work on the four-year Phase II Project will commence in October 2005, following execution of a final contract between DOE and SECARB.

Lexington Office News

By Cathy Naumann - Energy and Mineral Resources

"New Initials"

E.I.T.

Engineer in Training: Hugo Fournier, E.I.T., and Edmundo Laporte, E.I.T.

Both of these gentlemen passed their exams taken in April and are now allowed to sit for the P.E. Exam. Edmundo takes the P.E. exam this fall in Civil Engineering. Hugo will sit for the exam in the fall of 2007, along with Dale Nicholson.

Ph.D

Doctor of Philosophy in Engineering Science: Jinrong Ma, Ph.D.

Jinrong completed his studies at Southern Illinois University in Carbondale, Illinois in December and defended his dissertation in May, which was entitled, "Design and Analysis of Coal Combustion By-products (CCBs)-Filled Fiberglass Reinforced Composite." He graduated May 14, 2005.

Jinrong's specialty is in Geotechnical engineering and composite material engineering with research areas in Composite Mechanics, Geo-mechanics, Experimental Methods, and Structure Design (steel and concrete).

Scientific Influences on Fire Investigation

By James W. Boykin, P.I., E.I.T., CFI/CFEI/CVFI - Engineering Investigator and Special Services Coordinator

Since the stone-age, fire has been beneficial to life in the form of heat for warmth, cooking, and social gatherings. While aspects of managing fire have evolved and the results of these efforts continue to enhance modern-day life, fire incidents and accidents can also produce costly and devastating property damages. According to the most recently published National Fire Protection Association (NFPA) statistics, there were 519,500 structure fire incidents in the United States during 2003 with estimated damages of nearly nine billion dollars. Approximately 402,000 of these fire incidents were in residential structures, and the cost of damages to American homes was recorded to be in excess of six billion dollars. These are staggering figures even though they do not include any vehicle, tractor-trailer, farm equipment, or any other machinery fires that occurred during 2003. It is apparent that with such devastating property losses, the investigation of the causes of fire incidents remains a top priority in the insurance industry. MM&A has continued to expand its fire origin and cause determination capabilities to assist our clients with the investigation of many seemingly complicated fire incidents. (continued, page 6)

Scientific Influences on fire investigation (continued)

Over the years, as fire behavior has been better understood, fire investigation and fire origin and cause determinations have evolved into a more scientific and technical process. This process has proved to be more valuable as we introduce complex products into our lives, homes, and work places. The benefits of applying more scientific approaches to fire investigation have generally produced safer environments and are enjoyed by all of society in the form of safer products, which is signified by a marked decrease in product failures that cause fires to develop.

However, this does not mean that we live without the danger of fire incidents and that all consumer goods are manufactured in such a way that fires no longer affect consumer products. Just a little internet research on the current recall notices involving various consumer products and automobiles will produce a significant number of fire concerns and/or complaints regarding just about every consumer good manufactured. The fact that various products may fail in such a way that either fires develop or people are injured has prompted the creation of several testing laboratories, as well as the development of various standards that consumer goods must meet in order to qualify as safe for public use.

As a natural extension of this concept, fire service personnel, in combination with government authorities, recognized the need for fire origin and cause investigations to be performed in a systematic manner. These entities also recognized the need for the development of appropriate communications platforms and guidelines to govern fire investigators while performing activities during the course of their fire investigations.

One such guideline was developed in 1992 by NFPA and was titled, NFPA921: Guide for Fire and Explosion Investigations – 1992 Edition. This guideline, which has been updated every three years since its introduction, recommends the use of a scientific method for the investigation of fire incidents. This is the same scientific method that MM&A engineers and other scientists employ to solve any number of other technical problems that may be presented. The scientific method presented in NFPA 921 depends on the performance of six tasks that fire investigators should accomplish during the course of any fire investigation. The first two tasks are to identify the need for an investigation and define the investigation scope. These tasks are performed at the time that fire-related projects are assigned to investigative agents, such as MM&A. The next steps involve the collection and analyses of data, which is generally accomplished at the scene or during interviews of involved parties. The last two tasks of the scientific method involve the development and testing of hypotheses that fit the fire patterns observed, as well as the witness statements obtained. It is not uncommon for many of the hypotheses proposed and discussed among investigators to be eliminated based on the evidence discovered at the fire scene or the statements of witnesses. However, it is often possible to recover evidence at the fire scene and/or obtain sufficient witness statements to substantiate a plausible fire cause in even the most devastating fire incidents. This information becomes invaluable to insurance companies and helps their representatives make better decisions about the fire loss claims they handle.

The introduction of a scientific approach has greatly aided the investigation of fire incidents, as well as many other problem situations. MM&A routinely employs the scientific investigative approach along with modern tools and technologies to provide our clients exceptional investigative services to give our clients the information they require to get the job done.

Environmental Science & Engineering (ES&E) News

By Brent Chambers, P.G., L.R.S., President – Environmental Science & Engineering

Growth Spurt

The ES&E Group has had much activity this spring and early summer, none of which is more exciting than the addition of many new faces. Since early spring, the ES&E Group has added 12 new employees. These new employees span a large cross-section of disciplines and experience. The ES&E Group would like to welcome the following new members to our team: Randy Wood, Branch Manager, Camp Hill, PA; Ashley Helman, Environmental Technician, Camp Hill, PA; Mary Schmidt, Office Coordinator, Lenexa, KS; Johanna Teschner, Senior Scientist, Bluefield, VA; Myron Amick, Senior Project Engineer, Bluefield, VA; Rane Wilson, Senior Geologist/Project Manager, Camp Hill, PA; Robert French, Senior Civil CADD Designer, Bluefield, VA; Patrick Owens, Senior Project Manager, Richmond, VA; Dane Anderson, Project Geologist, Richmond, VA; Jeff Glassbrenner, Project Scientist Lenexa, KS; Patrick Kilkenney, Environmental Scientist, Richmond, VA; Jody Lambert, Staff Scientist, Bluefield VA.

Work loads are also on the increase. We are excited about the addition of several new clients including the US Postal Service, Department of Military Affairs, BNSF Railroad, West Virginia Department of Highways, and North Carolina State University to name a few.

Rick Helmadollar, VP/Operations Manager, has obtained his National Council of Examiners for Engineering and Surveying (NCEES) certificate. He has received engineering licensure in Missouri, Kansas, and Tennessee. Ohio and West Virginia are in the works.

Emergency Response Project Update

By Danny Mullins, Emergency Response Manager

On May 22, 2005, MM&A assisted with the clean-up of one of the biggest fuel-related spills in our area. In Abingdon, Virginia, a tractor trailer carrying 7,400 gallons of diesel fuel travelling along Route 11 attempted to turn onto Route 19. The tractor trailer overturned, releasing diesel fuel on Route 19. The fuel spill migrated through culverts that eventually lead to Wolf Creek. Numerous hours of setting and replacing boom/pads along a two-mile stretch and using Vac-Truck services at three different collection points continued for almost two days nonstop. Maintenance of this creek continued for another three days. Other activities at the accident site included excavation of an approximately 100x15-foot area plus the demolition and repaving of a turning lane. With additional help from the Abingdon Fire Department, MM&A successfully contained this release. High profile ER calls like this one provide opportunities to showcase our skills and professionalism to the community at large.

AEP continues to be another one of our consistent clients. Damaged transformers remain our leading projects. Due to our capabilities to provide AEP with fast and productive service, AEP will offer an opportunity for MM&A to spread our ER services through the Southwest Region increasing our response area to approximately 15 counties. I am excited about this opportunity and look forward to growing this service in our area.

Environmental Science & Engineering Division (ES&E) Continues to Grow



Randy Wood has joined our Camp Hill, PA office as Branch Manager and is a registered Professional Geologist. He comes to us with 28 years of experience in the environmental and mining industry. Randy previously worked for Rizzo & Associates, which is located in Johnstown, PA, and he brings a client base with him.

Consequently, Rizzo Associates and MM&A have merged on a landfill job in Clearfield, PA which will keep us busy for quite a while. Randy and his wife Pat are originally from this area and are glad to be returning to their old stomping grounds.



Ashley Helman recently joined the Harrisburg team as an environmental technician. Ashley holds a BS degree in Environmental Science and recently worked as a hazardous materials technician for a local spill response company. He will be assisting with spill and remediation work as well as with our ongoing Norfolk Southern projects

at the rail yards. Ashley's family owns a dairy farm and many days after working here he goes home to help wherever he can.



Mary Schmidt started with Marshall Miller as the Lenexa Office Coordinator on May 23, 2005. She is 31, married with an 11 year old step son; her 18 year old brother also lives with her and her husband. She will be completing her Associates in Applied Science in Accounting Degree at the end of this year and plans to attend a local university to obtain her Bachelor's

Degree in Accounting starting at the beginning of next year.



Johanna Teschner joined the Bluefield ES&E group in June as a Senior Scientist. Johanna obtained her B.S. in Geology from Ohio State University and an MBA from Union University. She previously lived in Memphis where she worked with Shaw Environmental. Prior to her tenure with Shaw Environmental, she worked for Marcum

Environmental in Huntington, West Virginia, where she used to hire MM&A to perform drilling.



Myron Amick began working in the Bluefield office on Monday, July 18 as a Senior Project Engineer and specializes in design of water and wastewater systems. He previously worked at L. A. Gates in Beckley, West Virginia. Myron obtained his BS in Civil Engineering at West Virginia Tech and an MBA in Business Administration at Virginia Tech.



Rane Wilson joined the Camp Hill office as a Senior Geologist/Project Manager and is a registered Professional Geologist with the Commonwealth of Pennsylvania. Rane comes to MM&A with 15 years of experience in environmental consulting for public and private sectors.

Rane Wilson (continued) He is well versed in UST closures, remedial system design, groundwater remediation and all aspects of the PADEP regulations with respect to the Act 2 closure and reporting process.



Robert French joined the Bluefield ES&E staff on May 31 and assumed the position of Senior Civil CADD Designer. Robert graduated from Pocahontas High School and also attended drafting and design classes at Southwest Virginia Community College.



Patrick Owens, was hired as a Senior Project Manager in the Richmond, Virginia office. He is a Certified Industrial Hygienist (C.I.H.) with 17 years of experience. Previously, Patrick worked for Dewberry & Davis providing project/task management and technical support for a variety of investigations, surveys and remediation designs. He

also worked for the Department of Military Affairs/Army National Guard Fort Pickett, Virginia, where he managed the environmental and safety compliance audits for the state of Virginia.



Dane Anderson, is an independent contractor and assisting MM&A as a Project Geologist in the Richmond, Virginia, branch office. He was previously employed with Delta Environmental Consultants as an environmental Technician providing installation and maintenance of remediation systems on petroleum impacted LUST sites. He has a B.S.

Degree in Geology from Virginia Polytechnic Institute and State University and he maintains his 40-hour OSHA HAZWOPER Training.



Jody Lambert began working August 15 as a Staff Scientist with the Bluefield ES&E group. Jody obtained his Bachelor's degree in Geology and Environmental Science from Virginia Polytechnic and State University. He previously worked at DEQ in Roanoke as a Senior Environmental Specialist doing air quality inspections.



Jeff Glassbrenner joined MM&A's Kansas City office in August as a Project Scientist. Jeff has a B.S. in Environmental Field Investigations, remediation system installation, and Geographical Information Services (GIS).



Patrick Kilkenney, Technician in the Richmond, Virginia office joined MM&A on the 28th of July. Patrick attended Northern Michigan University where he earned a B.S. in Planning/Environmental conservation.

MILLER HILITES

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Celebrating Thirty Years

1975-2005