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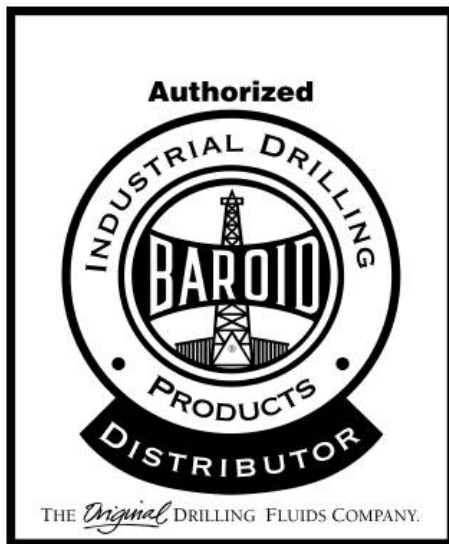
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WELCOME

to the

2006 NGWA Ground Water Expo

BETTER TOGETHER

December 5-8, 2006

LAS VEGAS, NEVADA



- 110-plus hours of educational programming
- 275-plus exhibitors
- Networking opportunities
- Field trips, presentations, elections
- A truly special Keynote Address by Larry Winget (pictured above)—
"Shut Up, Stop Whining & Get a Life"

AND A WHOLE LOT MORE AWAITS YOU AT THIS YEAR'S EXPO!

Expo-at-a-Glance

Official Name

2006 NGWA
Ground Water Expo

Expo Dates

Education and Events:
December 5-8, 2006
Exhibit Hall: December 6-8, 2006

Location

Las Vegas Convention Center
3150 Paradise Road
Las Vegas, Nevada 89109
USA

Host



601 Dempsey Road
Westerville, Ohio 43081
USA
800 551.7379
614 898.7791 outside U.S.
fax 614 898.7786
www.ngwa.org
customerservice@ngwa.org

Expo Web Site

www.ngwa.org/expo2006/main.
cfm

Copy in this brochure is current as of August 31, 2006. However, schedules and events are subject to change. Please check our Web site for the most current information available.

Las Vegas cover photos courtesy
Las Vegas News Bureau.

Ground water.

It's your business.

Make the most of it.

Attend the 2006 NGWA Ground Water Expo where, working together, we may all better understand the many current issues affecting today and tomorrow's ground water industry. Here are some of this year's highlights.

Educational Programming

- More than 110 hours of workshops, hands-on demos, and topical sessions
- Subjects range from business management to water well rehabilitation
- Earn CEPs toward NGWA certification

Exhibit Hall

- More than 275 exhibitors
- New products and services

Networking Opportunities

- Welcome Reception
- Master Ground Water Contractors Luncheon
- Gathering Zone
- *Water Well Journal* Golf Outing

General Sessions

- "The Business of Ground Water: Looking Beyond 2007" panel
- "Shut Up, Stop Whining & Get a Life" Keynote Address by Larry Winget
- President's Dinner and NGWREF Scholarship Fundraising Auction
- Delegates Meeting and NGWA Board elections
- NGWA Awards presentations
- Membership Breakfast and Roundtables

And More!

- Premiere 2007 McElhiney Lecture
- Farewell 2006 Darcy Lecture
- Certification exams
- Field trips
- Membership meetings

You can't afford not to attend.



Better Together • December 5-8 • Las Vegas, Nevada

Idaho's Water in Serious Jeopardy

U.S. DISTRICT COURT JUDGE JAMES A. REDDEN PUT FEDERAL AGENCIES ON WARNING THAT THE SURVIVAL OF THREATENED AND ENDANGERED SALMON AND STEELHEAD STOCKS MUST BE THE ULTIMATE PRIORITY, NOT WATER ALLOCATION PLANS, AS THEY DEVISE A NEW BIOLOGICAL OPINION RELATED TO IDAHO IRRIGATION PROJECTS.

HE LEFT THE SHAPING OF THE NEW SALMON PROTECTION PLAN TO THE FEDERAL AGENCIES' DISCRETION, BUT REDDEN SAID HE FELT THEY WERE ON THE WRONG TRACK BY LIMITING POTENTIAL FLOW AUGMENTATION FOR FISH TO LEVELS SET OUT IN THE SNAKE RIVER BASIN ADJUDICATION AGREEMENT (NEZ PERCE AGREEMENT).

THE STATE'S CONGRESSIONAL DELEGATION RESPONDED WITH OUTRAGE, SAYING REDDEN'S ORDER PROCLAIMS THAT "NO USE OF WATER IN IDAHO'S SNAKE RIVER - NEITHER OUR ECONOMY NOR OUR WAY OF LIFE - IS AS IMPORTANT AS COMPLYING WITH HIS INTERPRETATION OF THE ENDANGERED SPECIES ACT." IDAHO'S CONGRESSIONAL DELEGATION EXPRESSED THAT THEY WOULD TAKE WHATEVER ACTION IS NECESSARY AND POSSIBLE TO TURN BACK WHAT THEY CALLED AN "EXPLICIT THREAT TO IDAHO'S WATER AND FUTURE."

GIVEN JUDGE REDDEN'S DIRE STATEMENTS ABOUT THE LIKELY FUTURE OF OUR WATER SUPPLIES, WE MUST NOW SERIOUSLY CONSIDER THE NEED FOR LEGISLATIVE INTERVENTION BY CONGRESS TO PROTECT OUR WATER FOR THE FUTURE OF IDAHO.

ROGER BATT, IGWA EXECUTIVE DIRECTOR

Continuing Education

THERE IS GOING TO BE A TEST AND IT IS CRITICAL THAT YOU STUDY AND ASK QUESTIONS AS WE GO ALONG. THE SOURCES FOR STUDY ARE THE IDAHO DEPARTMENT OF WATER RESOURCES WEBSITE (WELL CONSTRUCTION RULES STRAWMAN DRAFT). OTHER SOURCES INCLUDE THE IGWA BOARD OF DIRECTORS TO HELP YOU ANSWER ANY QUESTIONS YOU MIGHT HAVE.

THE TEST WILL BE HOW WELL YOU STUDY AND UNDERSTAND HOW THESE PROPOSED RULE CHANGES WILL EFFECT HOW YOU DRILL WELLS AND SET PUMPS IN THE FUTURE. LACK OF STUDY MAY LEAVE YOU IN THE DARK AND THAT IS NOT A GOOD PLACE TO BE.

EVERYBODY WITHIN THE DRILLING INDUSTRY IN IDAHO MUST EXPRESS HOW THE WELL CONSTRUCTION RULES SHOULD BE WRITTEN. THE STRAWMAN DRAFT IS MOVING FORWARD IN MEETINGS (SOMETIMES WITHOUT INDUSTRY INPUT) AS I WRITE THIS ARTICLE. THIS IS A VERY BIG DEAL AND WILL EFFECT OUR INDUSTRY LONG INTO THE FUTURE.

I TAKE MY JOB AS A BOARD MEMBER VERY SERIOUSLY AND WANT TO REPRESENT THE MEMBERSHIP AND ALSO NON-MEMBERS SO WE CAN MAKE THINGS RIGHT. PLEASE FEEL FREE TO TALK TO ME AND THE REST OF THE BOARD BY VOICING YOUR OPINION ABOUT THE PROPOSED RULES. THIS IS A VERY TOUGH SET OF RULES BEFORE THE INDUSTRY, BUT IT IS NOT TOO LATE TO MAKE THEM WORKABLE AND STILL PROTECT THE RESOURCE. WE PROVIDE THE PEOPLE OF IDAHO A VERY IMPORTANT SERVICE. AS LICENSED PROFESSIONALS, DRILLERS, AND PUMP INSTALLERS PLEASE HELP MAKE A DIFFERENCE...PASS THE TEST.

GARY DUSPIVA, IGWA VICE PRESIDENT



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The Struggle of the New Rules and Regs

WELL EVERYONE, THE MEETINGS ARE GOING ON. WE THE BOARD OF THE IGWA HAVE BEEN TRYING TO GET THE NEWS OUT TO EVERYONE TO LET YOU KNOW ABOUT THE NEW RULES & REGS FOR DRILLING DOMESTIC WATER WELLS; EVERYTHING FROM CASING THICKNESS TO SEAL DEPTHS, PVC LINER & PVC CASING TO TURBIDITY QUALITY & PITLESS ADAPTERS. THE LIST GOES ON.

THE MEETINGS ARE LONG & CONTINUOUS. THE MEETINGS WERE PLANNED TO BE FINISHED BY NOW, BUT WE ASKED TO STOP THEM SO WE WOULD HAVE TIME TO WORK & INFORM ALL THE DRILLERS.

I HAVE RECEIVED A HALF A DOZEN PHONE CALLS IN THE PAST MONTH ABOUT WHAT'S GOING ON; SOME GOOD SOME BAD.

WHO IS INVOLVED IN THESE MEETING? ENGINEERS, CENTRAL DISTRICT HEALTH, LAWYERS, IDWR, WELL DRILLERS, IGWA & GEOLOGISTS ALL ARE PUT TOGETHER BY ROCKY MOUNTAIN, WHO LANDED THE CONTRACT TO REWRITE THE RULES & REGS. IT IS ACTUALLY VERY IMPRESSIVE. THE FOUR LOCATIONS OF THE MEETINGS ARE: BOISE, COEUR D'ALENE, IDAHO FALLS & TWIN FALLS.

I'M REPEATING ALL THIS AGAIN FOR ONE REASON. THIS IS GOING ON RIGHT NOW WHETHER YOU LIKE IT OR NOT. TO MY KNOWLEDGE THE RULES AND REGS HAVE BEEN IN THE PROCESS OF BEING REWRITTEN FOR OVER SEVEN YEARS & HAVEN'T GOTTEN ANYWHERE. THE BIGGEST COMPLAINT BY MOST DRILLERS IS THERE ARE ALREADY RULES OUT THERE THAT AREN'T BEING ENFORCED. SOME ARE SAYING THERE'S NOTHING WRONG WITH THE RULES THAT WE HAVE. THEY'RE JUST FINE. THERE ARE SOME SAYING, WHY IS THERE SUCH A DIFFERENCE BETWEEN THE WAY WE DRILL A PUBLIC DRINKING WATER WELL FROM A DOMESTIC WATER WELL. YOU SEAL A PUBLIC WELL □ TO 2/3 THE TOTAL DEPTH OF THE WELL SO AS NOT TO MIX WATER LAYER. A DOMESTIC WELL IS NOT. SOMETIMES THE WELLS ARE ONLY SEVERAL HUNDRED FEET APART.

OTHER CONCERNS ARE: WHO IS RESPONSIBLE FOR THE FAULTY INSTALLED PITLESS AFTER THE WELL IS COMPLETED. MEANING, POORLY CUT HOLE. WHAT GOOD IS THE WELL SEAL? IT WAS BROUGHT TO EVERYONE'S ATTENTION THAT THE POORLY DONE PITLESS HOLES WERE MOSTLY DONE WITH A TORCH. A SOLUTION WAS TO USE A PROPER SIZED HOLE SAW TO MAKE A PERFECT FIT, ASSURING BUSINESS OWNERS, HOMEOWNERS, IDWR AND THE WELL DRILLER THAT THE PITLESS IS A TIGHT FIT.

WITH ALL THAT SAID, IT'S JUST SOME OF WHAT'S GOING ON. MY BIGGEST POINT HERE IS, THE RULES ARE GOING TO CHANGE. I, AND MANY OTHERS FEEL THAT

CONTINUED ON PG. 19

WE, AS LICENSED WELL DRILLERS, ARE THE PROFESSIONALS. EVEN THOUGH THERE ARE ALREADY RULES MADE THAT ARE NOT BEING ENFORCED; WHAT GOOD ARE NEW ONE'S. WELL, I CAN'T ANSWER THAT MYSELF, BUT I DO KNOW THEY'RE GOING TO CHANGE AND THEN THEY SAY THEY WILL ENFORCE THEM. THE RULES ARE BEING WRITTEN TO PROTECT THE RESOURCES BETTER. THEY DO HAVE PROOF THAT CONTAMINATION IS SPREADING. WITH WHAT RULES WE DO HAVE THEY NEED IMPROVED. TIMES CHANGE AND SO DOES KNOWLEDGE AND TECHNOLOGY ON HOW TO IMPROVE DRILLING METHODS & QUALITY. IN SOME AREAS THINGS HAVE TO AND WILL CHANGE.

ONE RULE DOESN'T FIT ALL AND THEY KNOW IT. WE WILL ALL HAVE TO ACCEPT SOME CHANGE. WE MIGHT NEED TO CHANGE SOME OF ARE DRILLING METHODS, AND EQUIPMENT. SOME PEOPLE ARE AFRAID THAT IT WILL COST A MILLION DOLLARS TO MAKE A CHANGE. I DON'T BELIEVE THAT WILL BE NECESSARY. ALSO I KEEP HEARING THAT THE STATE JUST WANTS US TO DRILL WITH MUD ONLY. THAT ISN'T SO EITHER. THERE ARE PLACES WHERE THAT MIGHT BE THE BEST WAY TO MEET THE NEW RULES BUT LIKE I SAID BEFORE, EVERY LOCATION ISN'T THE SAME. MY PARTNER AND I ARE AIR ROTARY DRILLERS. SOME OF THE CHANGES WILL AFFECT US BUT IT WON'T STOP US. WE WILL FIGURE SOMETHING OUT. I KNOW WE ARE ALL ABLE TO CHANGE IF IT'S FOR THE BETTER. SO, LET'S ALL BE PROFESSIONALS AND INSTEAD OF FIGHTING ALL THE CHANGES SEE BOTH SIDES AND GET INVOLVED IN THE CHANGES, BUT STAY PROFESSIONALS.

THIS IS MY LAST LETTER AS PRESIDENT OF IGWA. I'VE TRIED VERY HARD TO DO A GOOD JOB FOR THE ASSOCIATION. WE HAVE A VERY HARD WORKING BOARD OF DIRECTORS. THERE HAS BEEN A LOT OF UNKNOWN HOURS PUT IN THIS YEAR. I WOULD NEVER HAVE BELIEVED IT WITHOUT SEEING IT FOR MYSELF. A VERY SPECIAL THANKS TO THE BOARD FOR THEIR SUPPORT IN SHOWING ME WHAT TO DO AND DOING EVERYTHING THEY'VE DONE. THEY ARE A VERY DEDICATED HARD WORKING BUNCH OF GUYS. THEY NOT ONLY WORKED FULL TIME AT HOME BUT ALSO WORKED FULL TIME AS A BOARD. THANKS AGAIN GUYS. THANK YOU IGWA FOR GIVING ME THE OPPORTUNITY TO DO THIS. I'VE LEARNED SO MUCH ABOUT WHAT'S GOING ON AROUND US AND WITH US. I'VE MET SO MANY NEW WELL DRILLERS THROUGH OUR WORKSHOPS AND OUR MEETINGS. IT'S BEEN GREAT. I CAN ONLY ENCOURAGE YOU TO GET INVOLVED AND MAKE A DIFFERENCE. WE WILL NEED TWO NEW BOARD MEMBERS THIS WINTER. GIVE ME A CALL.

THANKS AGAIN! HOPE TO SEE YOU AT THE WINTER CONVENTION.

TONY HACKETT, IGWA PRESIDENT

OFFICERS & DIRECTORS FOR 2006

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