

This file summarized three surveys, one for RMSAWWA - Oct., 2008, one for RMSAWWA - Jun/Jul 2011, and one for RMWEA - Jun/Jul, 2011. The surveys were coordinated by Mike Berry using Survey Monkey.

In the tables below RMSAWWA is represented as RMS followed by the year (RMS'08, RMS'11) and RMWEA is represented by RM followed by the year (RM'11).

Joint Education Council Survey for RMSAWWA and RMWEA						
What programs, training, workshops, or seminars would you like RMSAWWA or RMWEA to sponsor? (mark all that apply)						
Answer Options	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
Water or Wastewater Treatment (methods, processes,	70.8%	187	72%	147	82%	103
Water Distribution or Collection (operations, water quality,	69.7%	184	68%	139	52%	66
Security, Safety, and Health	41.3%	109	37%	75	26%	33
Water Reuse (regulations, standards, design, operations,	51.5%	136	50%	102	48%	60
Water Conservation	40.2%	106	43%	88		
Small Systems	32.2%	85	36%	73	19%	24
Collection Systems			27%	59		
Emerging Technologies			55%	113	56%	71
Professional Development	45.1%	119	45%	92	55%	69
Management	39.8%	105	39%	80	37%	46
Rates	26.1%	69	28%	58	18%	22
Public Education/Involvement	31.4%	83	31%	63	33%	42
Lab Practices					34%	43
	<i>answered question</i>	264		205		126
	<i>skipped question</i>	1		3		2

What training do you prefer? (mark all that apply)						
Answer Options	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
Webcast (televised presentation via internet)	44.8%	116	57%	116	53%	67
Online (interactive training via internet)	44.4%	115	44%	89	40%	50
On site (live training on work site)	45.6%	118	58%	117	50%	63
Off site (live training off work site)	61.8%	160	60%	122	68%	86
Other (please specify)		7	0%	5	0%	2
	<i>answered question</i>	259		203		126
	<i>skipped question</i>	6		5		2

Number	Other (please specify) - RMS'08	Other (please specify) - RMS'11	
	Why was there no other option under training	Affordable	Affordable
	metro area if possible	In Idaho	Travel time needs to be concern - nothing out of state
	Training in New Mexico	All good but networking opportunities are a plus	
	SCADA, Asset Managment, CMMS, Hands on	SCADA, Asset Managment, CMMS, Hands on	
	I liked the old Teleconferences	Lunch time training seminars	
	On site	Training in Albuquerque	
	Type of Training depends upon topic		

Level of training desired? (mark all that apply)						
Answer Options	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
Elementary/Fundamental	29.1%	75	23%	47	20%	24
Intermediate	74.0%	191	62%	126	60%	73
Advanced	73.3%	189	74%	150	82%	100
	<i>answered question</i>	258		202		122
	<i>skipped question</i>	7		6		6

What would be your preference for location of training (mark all that apply)						
Answer Options	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
Southern NM	4%	10	5%	9	1%	1
Albuquerque Area			5%	10	3%	4
Northern NM	14%	35	10%	20	6%	7
Eastern CO	12%	30	14%	27	15%	18
Denver Area	76%	189	71%	139	85%	102
Western CO	20%	51	22%	42	18%	21
Southern WY	12%	31	11%	22	5%	6
Northern WY	2%	6	4%	7	0%	0
	Other (please specify)	22	0%	13	0%	9
	<i>answered question</i>	250		195		120
	<i>skipped question</i>	15		13		8

RMS'11	RM'11
Northern CO	Southern CO (Colo. Spgs. Or Pueblo)
North Eastern CO.	Northern CO
Laramie, we have great new facilities at UW	Balance through out the three state area
Southern CO (Colo. Spgs. Or Pueblo)	Front Range, Ft. Collins, Lovelend, Longmont
Colorado Springs, Pueblo	Prefer Webcast
four corners	Central NM (i.e. onsite Albuquerque)
Central New Mexico	STYLE of TRAINING
	Affordable
	Travel time needs to be concern. Nothing out of State

What time of year is best for you? (mark all that apply)						
Answer Options	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
Summer	34%	86	37%	73	37%	45
Fall	62%	157	60%	119	60%	74
Winter	69%	176	69%	138	74%	91
Spring	57%	146	42%	84	57%	66
<i>answered question</i>		255		200		
<i>skipped question</i>		10		8		

What day(s) of the week are best for you? (mark all that apply)						
Answer Options	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
Monday	40%	101	34%	67	36%	44
Tuesday	63%	158	64%	125	69%	84
Wednesday	69%	173	73%	142	71%	86
Thursday	74%	184	73%	142	78%	95
Friday	52%	131	48%	94	49%	60
Saturday	13%	33	10%	20	6%	7
<i>answered question</i>		250		195		122
<i>skipped question</i>		15		13		6

Length of Training? (mark all that apply)						
Answer Options	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
2 hours	28%	71	46%	93	45%	59
4 hours	54%	137	52%	105	53%	66
Full day	69%	174	49%	98	46%	58
Multiple days	29%	73	20%	40	11%	14
<i>answered question</i>		252		201		125
<i>skipped question</i>		13		7		3

Are you a member of RMSAWWA?						
Answer Options	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
Yes	88%	224	25%	1		
No	4%	10	50%	2		
Don't know	8%	21	25%	1		
<i>answered question</i>		255		4		72
<i>skipped question</i>		10		204		56

If you are NOT a member of RMWEA or WEF, would you be interested in joining						
Answer Options	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
Yes					0.4	2
No					0	0
Maybe					0.6	3
<i>answered question</i>						5
<i>skipped question</i>						123

Cost / hr willing to pay for training						
	RMS'08 %	RMS'08 #	RMS'11 %	RMS'11 #	RM'11 %	RM'11 #
\$5			6%	11	7%	8
\$10			15%	27	18%	21
\$15			21%	39	18%	21
\$20			29%	53	24%	28
> \$20			30%	55	32%	37
<i>answered question</i>		255		185		115
<i>skipped question</i>		10		23		13

RMSAWWA 2011	RMWEA 2011
Is there anything RMSAWWA can do to improve or enhance the quality of your training experience? 33 answered - 175 skipped	Is there anything RMWEA can do to improve or enhance the quality of your training experience? 27 answered - 101 skipped
no 4x	no 5x; unsure 1x
Conitinue to be flexible and keep fighting the fight	Current training has been pretty good/quite good
More hands on; more hand on, less lecture; interactive training is helpful	Hands on training where possible
Consistant, useful curriculum w/trained trainers.	New technology, regulation, and maintenance (electrical, IT); new concepts
Relevant topics to attract more people; offer practical and applicable topc to water/wastewater industry	More variety of training and instructors
Trainers (less salesmen; no dog and pony vendor shows; provide good practical experts; ASCE has outstanding seminars due to using extremely knowledgable instructors with real practical experience - good model for RMAWWA to follow; get more skilled trainers;	Trainers (qualified instructors who know what they are talking about;
Screen quality of presentations (sometimes topic is great but speaker aweful, or material (powerpoints in particular) are not effective	Offer Very good quality - handouts often missing.
Make transition from being a "training by presentation of information" organization to a true training organization led by training professionals with defined curricula, certified trainers, and a comprehensive and understood training path for all levels and types of water and wastewater professional	Considering jack of all trades positions - should get full WW/W credits for all & any training - not partial toward license renewal
Already have great presentations by engineers (valuable) but want to hear from operators as well (what issues have they dealt with and how did they	Include Safety
	Include management type trainnig for municipal managers
having training is a great opportunity	Make web based training more interactive to simulate one on one session
Cost big thing for some; some free; lower the cost	
	Provide prep materials, have real-life case studies and problems, provide time to interact with instructors and participants
Venue appropriate size for group	Homework, data (real), confidence limits on data (could be part of homework), dynamic modeling of situations plants and operations and model verification over many...
More local training 2x; more operator hands-on in north east CO (Fort Collins north to include WY)	
More training in NM	Given Denver has most RMWEA members, travel to Denver from NM can

Faster email answers to questions - quicker resolve of mailing issues such as TU certification mailings and approvals by OCPO	NM need more advance training opportunities for water and wastewater operators - coordinated with NMED, NMWWA, and NMRWA. NMIC trying to assist with need but RMWEA support and involvement will help
	Training for CEUs - expand the venue that you accept for credit (ex. Water Conservation, Drought Planning, etc.)
	Make documentation process as painless as possible
	For entities traveling 100+ miles for meaningful seminar, good to get as much TU as possible (i.e. sessions that go until 4 pm vs 3 pm)
	Central repository of County regulations on Individual Systems
RMSAWWA 2011	RMWEA 2011
If you are a member of RMSAWWA what do you value most about your membership? 117 answered - 91 skipped	If you are a member of RMWEA or WEF, what do you value most about your membership? 72 answered - 56 skipped
Access to current industry materials (articles, current industry methods/equipment/technologies) 34x	Access to current industry materials (articles, current industry methods/equipment/technologies) 19x
Collaboration with other professionals in the industry	Collaboration with other professionals in the industry (both engineers and
Professional networking and social interaction (resources/activities) 447x	Professional networking and social interaction (resources/activities) 34x
Training opportunities (inc. on-line classes) 17x; Professional development	Training opportunities (inc. equipment, biology, chemistry, regulations, TUs) 15x
Reduced rates on training and books 5x	Reduced rates on training and books 2x
Regulations/Laws - current and pending; regulation updates 2x; regulatory	Regulations - current and pending
Conferences (inc. Annual) and meetings 6x	Conferences (inc. Annual) and meetings 7x
Quality Improvement Programs (QualServe)	Magazines/Journals 10x
Magazines/Journals 27x	JTAC 2x
Strong section efforts for Colorado operators	Ability to download conference proceedings
Email 3x	Email
AWWA Online library; book store 4x; other AWWA Website offerings;	Employer pays the dues
Professional Organization for Certified Water Professionals	
	Being part of the community of all the great people who are also members - having a collective part in advancing issues related to the water environment and making the world better
Job postings	
Committees; opportunity to volunteer	
Seems to be a good value	

RMSAWWA 2011	RMWEA 2011
What can RMSAWWA do to add VALUE to your professional life or career?	What can RMWEA or WEF do to add VALUE to your professional life or career?
Continue to provide professional networking opportunities; relationships with water professionals; networking is always good:	Continue to provide professional networking opportunities
Continue to be a professional organization offering professional information when required	A larger database of information would be valuable
Publications: post job opportunities in publications; more Conservation articles - less water quality;	Publications: great articles written; include all new technology; more better articles on emerging topics;
Training: continue to provide advanced training; continue to offer current training opportunities; provide professional development; more training; textbooks; value added training; keep offering; additional training in fields that aren't well regulated; management principles, new concepts; more training on meters and backflow prevention; more locally available - currently no out of state travel allowed; more small system training at reasonable cost; more ethics training [can use for NM CEUs for PE license]; more leadership and professional development training [i.e. engineering ethics and project management];	Training: continue to provide advanced training; web based would provide value due to tight budgets and reduction in staff; education is the key; provide more relevant training for plant operator and more advanced course work for managers; deeper working knowledge of instrumentation and other adjunct learning; more on various subjects; focus on safety/health with re: to wastewater treatment; training and seminars on important issues related to wastewater and professional development; offer webinars on technical topics;
Offer other training certifications that can be used during employee evaluations; certifications;	Continue to offer training materials and host conferences and seminars; continue to encourage interaction with members
Continue to be a leader in the water/wastewater field; continue to push the value of water and sustainability; Focus on Owners and Operators planning and capital needs and best practices; keep members/public current with the issues facing the water industry	Provide information on commonly used technologies and emerging issues that might impact WWTP design
Keep up the research programs and make information readily available to	Work to include maintenance personnel in the training curriculum and
Keep offering up to date publications on new technologies	Young professionals (encourage more to be involved; have more YP events;
More informal meet and greet type of meetings	Involve more OPERATORS - seems like there are a lot of engineers running
Listen	Publish affordable materials dealing with real treatment requirements/needs
Salary survey with shared results	Make PDHs available
Reduce advertisements via US Mail	
Doing great; nothing; nothing; non, like it so far; continue as is; just more of the same	Keep up the good work; nothing more than already being offered; they already do an outstanding job; keep up the good work; keep doing what you're doing;
More and earlier notification of upcoming local events	

Do everything it can to remain current and relevant without losing the valuable lessons learned - be a proactive and evolving "organism" - not just an organization	Continue working to ensure NM and WY are included in RMWEA operations (more events in NM!; provide more local gathers, as a WY member and advisor or local student chapter I see very little interaction with the regional or national members;
Operator Professionalism (get more active in educating the general population and political leaders (salaries for operators and utility personnell need to be improved; demonstrate the true value of water and the need to increase user rates to maintain professionalism of utilities; add more emphasis to Operator Certification [i.e. recognition of professional status];)	Improve the website membership payment portal
Develop ways to involve remote members (travel is difficult and they have a lot to offer - they want to network with other members)	
Encourage State (CO) to: support TU's at WQTC - submittal for TUs costs an additional amount; simplify the operatory training management system [perhaps encourage state to take over management]	
Volunteer (respond to those to offer to volunteer; continue keeping folks involved with organization)	

Joint Education Council Survey Results Question 9

A total of 27 survey responders in Colorado, New Mexico and Wyoming offered to host training and provided their contact information.