

		BASIC - Levels I&II; & Small Systems		ADVANCED - Levels 3&4; & Small Systems		WORKSHOPS
		WATER	WASTEWATER	WATER	WASTEWATER	
		San Rafael	San Agustin	Solidad	Guadalupe	
8:00	REGISTRATION					<i>Cimarron Room (9:20 – 11:50)</i>
	General Business Meeting & Announcements					
9:20	INTRODUCTION TO GROUNDWATER HYDROLOGIC CYCLE	COLLECTION SYSTEMS	INTRODUCTION TO SURFACE WATER CHARACTERISTICS RESERVOIR MANAGEMENT	ADVANCED WASTEWATER CHARACTERISTICS	“SOURCE WATER PROTECTION NMED DRINKING WATER ON-LINE RESOURCES”	
10:30	Jay Vanlandingham Souder Miller & Assoc.	Jake Martinez Retired	Charles Leder ABCWUA	Lyman Waller Souder Miller & Assoc.		
10 minute BREAK			10 minute BREAK			
10:40	GROUNDWATER CHARACTERISTICS	COLLECTION SYSTEMS	SURFACE WATER ION EXCHANGE, SOFTENING, FLUORIDATION, CHEMICAL STABLIZATION	SAMPLING, RECORDING FOR GROUNDWATER DISCHARGE	- David Torres & Antonio Romero NMED	
11:50	Jay Vanlandingham Souder Miller & Assoc.	Jake Martinez Retired	Charles Leder ABCWUA	Melanle Sandoval NMED		
LUNCH BREAK – 70 minutes						
1:00	WATER ELECTRICITY & ELECTRONICS	SAMPLING, RECORDING FOR GROUNDWATER DISCHARGE	SURFACE WATER COAGULATION	OPERATOR CERTIFICATION & REGULATIONS	<i>Cimarron Room (1:00 – 5:00)</i>	
2:10	Michael Declercq City of Gallup	Melanle Sandoval NMED	Charles Leder ABCWUA	Eric Hall NMED		
20 minute BREAK			20 minute BREAK		“CONCRETE COATINGS & PLANT REHABILITATION SERVICES”	
2:30	BASIC WATER MATH	INTRODUCTION TO WASTEWATER TREATMENT	OPERATOR CERTIFICATION & REGULATIONS	SOLIDS HANDLING, DIGESTION, THICKENING, DE-WATERING, & DISPOSAL		
3:40	Amy Northam WUCI	Gene Salazar Retired	Eric Hall NMED	Lyman Miller Souder Miller & Assoc.		
10 minute BREAK			10 minute BREAK		- John Hoffman (Veolia)	
3:50	BASIC WATER MATH	WASTEWATER CHARACTERISTICS	WATER TANK INSPECTIONS	SOLIDS HANDLING, DIGESTION, THICKENING, DE-WATERING & DISPOSAL		
5:00	Amy Northam WUCI	Gene Salazar Retired	Gregory Stein Tank Industries	Lyman Miller Souder Miller & Assoc.		

		BASIC - Levels I, II & Small Systems		ADVANCED - Levels III, IV & Small Systems		WORKSHOPS
		WATER	WASTEWATER	WATER	WASTEWATER	
		San Rafael	San Agustin	Solidad	Gaudalupe	
8:00	OPERATOR CERTIFICATION & REGULATIONS		MEMBRANE WASTEWATER TREATMENT	PUMPS & MOTORS	MEMBRANE WASTEWATER TREATMENT	Cimarron Room (8:00-11:50) “WATER STORAGE TANKS” - Gregory Stein (Tank Industries)
	Eric Hall NMED		Henry Hervol Advanced Process Tech.	Jonathan Polasek JCH	Jeremy Pfeiffer OVIVO	
9:10						
10 minute BREAK		10 minute BREAK		10 minute BREAK		
9:20	BASIC WATER MATH		MEMBRANE WASTEWATER TREATMENT	PUMPS & MOTORS	MEMBRANE WASTEWATER TREATMENT	
	Amy Northam WUCI		Henry Hervol Advanced Process Tech.	Jonathan Polasek JCH	Jeremy Pfeiffer OVIVO	
10:30						
10 minute BREAK		10 minute BREAK		10 minute BREAK		
10:40	BASIC WATER MATH		OPERATOR CERTIFICATION REGULATIONS	PUMPS & MOTORS	GENERAL MANAGEMENT	
	Amy Northam WUCI		Eric Hall NMED	Jonathan Polasek JCH	Gene Salazar Retired	
11:50						
LUNCH BREAK – 70 minutes						
1:00	HYDRANTS		PRE-TREATMENT & PRIMARY SEDIMENTATION	DISTRIBUTION SYSTEMS O&M (FLOW TESTING ON HYDRANTS)	ADVANCED WASTEWATER MATH	Cimarron Room (1:00 – 5:00) SCADA “A DEEP DIVE.” Jessie Roark (KWH – AUTO.COM)
	Chris Gutierrez NM Meters		Lyman Waller Souder Miller & Assoc.	Ronald Borunda City of Las Cruces	Amy Northam WUCI	
20 minute BREAK		20 minute BREAK		20 minute BREAK		
2:30	DISINFECTION HANDLING & STORAGE		PUMPS & LIFT STATIONS	DISTRIBUTION SYSTEMS O&M (STORAGE TANKS)	ADVANCED WASTEWATER MATH	
	Andrew Medina Utility Environmental		Jonathan Polasek JCH	Ronald Borunda City of Las Cruces	Amy Northam WUCI	
3:40						
10 minute BREAK		10 minute BREAK		10 minute BREAK		
3:50	DISINFECTION O&M NTK		PUMPS & LIFT STATIONS	DISTRIBUTION SYSTEMS (METER MAINTENANCE & WATER QUALITY)	ADVANCED WASTEWATER MATH	
	Andrew Medina Utility Environmental		Jonathan Polasek JCH	Ronald Borunda City of Las Cruces	Amy Northam WUCI	
5:00						

“Meet & Greet” 5:30-9:00 – Hotel Encanto

	BASIC - Levels I, II, & Small Systems		ADVANCED - Levels III, IV & Small Systems		WORKSHOPS
	WATER	WASTEWATER	WATER	WASTEWATER	
	San Rafael	San Agustín	Soildad	Guadalupe	
8:00	DISTRIBUTION SYSTEMS CHEMICAL STABILIZATION Ronald Borunda City of Las Cruces	DISINFECTION O&M Andrew Medina Utility Environmental	ADVANCED WATER MATH Amy Northam WUCI	ACTIVATED SLUDGE Eric Lopez Bridel Inc.	Cimarron Room (8:00 – 11:50) “MEMBRANE WASTEWATER TREATMENT” - Henry Hervol & Jeremy Pfeiffer (Advanced Process Tech. & Ovivo)
10 minute BREAK		10 minute BREAK			
9:20	DISTRIBUTION SYSTEMS Ronald Borunda City of Las Cruces	DISINFECTION HANDLING & STORAGE Andrew Medina Utility Environmental	ADVANCED WATER MATH Amy Northam WUCI	ACTIVATED SLUDGE Eric Lopez Bridel, Inc.	
10:30	10 minute BREAK		10 minute BREAK		
10:40	PUMPS & MOTORS Jonathan Potasek JCH	SAMPLING, RECORDING, & REPORTING FOR NPDES Jason Martinez & Susan Lucas-Kamat NMED	ADVANCED WATER MATH Amy Northam WUCI	ACTIVATED SLUDGE Eric Lopez Bridel, Inc.	
11:50	LUNCH BREAK - 70 Minutes				
1:00	PUMPS & MOTORS Jonathan Potasek JCH	BASIC WASTEWATER MATH Amy Northam WUCI	DISINFECTION HANDLING & STORAGE Kevin Grassel DAMDW	SAMPLING, RECORDING & REPORTING FOR NPDES Jason Martinez & Susan Lucas-Kamat NMED	Cimarron Room (1:00 – 5:00) “RATE SETTING FOR UTILITIES” - Karl Pennock (RCAC)
2:10	20 minute BREAK		20 minute BREAK		
2:30	WATER WELLS Karl Tonander Souder, Miller & Assoc.	BASIC WASTEWATER MATH Amy Northam WUCI	DISINFECTION CHEMISTRY Kevin Grassel DAMDW	WASTEWATER LAB BOD Cecilia Apodaca DABCC	
3:40	10 minute BREAK		10 minute BREAK		
3:50	WATR WELLS Karl Tonander Souder, Miller & Assoc.	OPERATOR ESSENTIALS Anita Tovasci NMED	DISINFECTION HANDLING & STORAGE Kevin Grassel City of Las Cruces	WASTEWATER SAMPLING ANAYSIS Cecilia Apodaca DABCC	
5:00					

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	WATER	WASTEWATER	WATER	WASTEWATER	
	San Rafael	San Agustín	Soldad	Guadalupe	
8:00	ETHICS COMMUNICATIONS & DOCUMENTATION	GENERAL SAFETY	CROSS CONNECTIONS	DISINFECTION DE-CHLORINATION CHEMISTRY (HANDLING & STORAGE,	Cimarron Room (8:00 – 11:50)
9:10	Eric Lopez Bridel Inc.	Case Van Dyke City of Las Cruces	Javier Gutierrez LRGWUA	Kevin Grassel DAMDW	
10 minute BREAK		10 minute BREAK		"ASSET MANAGEMENT"	
9:20	GENERAL SAFETY	BASIC WASTEWATER MATH	CROSS CONNECTIONS		DISINFECTION O&M (PURPOSE, PROCESS DESCRIPTION, SAFETY NTK)
10:30	Case Van Dyke City of Las Cruces	Amy Northam WUCI	Javier Gutierrez LRGWUA		Kevin Grassel DAMDW
10 minute BREAK		10 minute BREAK		Sonia Jamilla (RCAC)	
10:40	DISTRIBUTION SYSTEM WATER LOSS	BASIC WASTEWATER MATH	EXCAVATION SAFETY		OPERATOR ESSENTIALS
11:50	Cathle Elsen Self Employed	Amy Northam WUCI	Case Van Dyke City of Las Cruces		Anita Tavasci NMED
LUNCH BREAK – 70 Minutes					
1:00	WATER WELL EVALUATION & MANAGEMENT	SECONDARY TREATMENT	ADVANCED WATER MATH	EXCAVATION SAFETY	Cimarron Room (1:00-5:00)
2:10	Cathle Elsen Self-Employed	Kevin Grassel DAMDW	Amy Northam WUCI	Case Van Dyke City of Las Cruces	
20 minute BREAK		20 minute BREAK		"ASSET MANAGEMENT"	
2:30	OPERATOR ESSENTIALS	ETHICS COMMUNICATION & DOCUMENTATION	ADVANCED WATER REVIEW		GENERAL SAFETY
3:40	Anita Tavasci	Eric Lopez Bridel, Inc.	Javier Gutierrez LRGWUA		Case Van Dyke City of Las Cruces
10 minute BREAK		10 minute BREAK		Sonia Jamilla RCAC	
3:50	BASIC WATER REVIEW	BASIC WASTEWATER REVIEW	ADVANCED WATER REVIEW		ADVANCED WASTEWATER REVIEW
5:00	Cathle Elsen Self-Employed	Eric Lopez Bridel Inc.	Javier Gutierrez LRGWUA		Amy Northam WUCI