



WATER TREATMENT SYSTEMS

Day 1 Intro to Water Treatment

8:00-8:15	Introduction
8:15-8:30	Factory Contact Info
8:30-8:45	The 3 Golden Rules of Water Treatment
8:45-9:00	The Earth's Water Cycle
9:00-9:30	Basic Chemistry
9:30-9:45	Atomic Theory
9:45-10:00	Chemical Reactions
10:00-10:15	Break
10:15-10:45	Categories of Water Contaminants
10:45-11:00	The Four Factors That Effect Chemical Reactions
11:00-12:00	<p>The Water Analysis</p> <ul style="list-style-type: none"> a. The 7 Aesthetic Contaminants that need analyzed on all private well systems b. Obtaining Needed Water Analysis Information c. Well Pump Capacity Test Procedure (demonstration downstairs) d. Factory Testing Information Sheet
12:00-12:45	Lunch (Lunch Room)
12:45-2:15	<p>Aesthetic Contaminants</p> <ul style="list-style-type: none"> a. Hardness b. pH c. Iron d. Manganese e. Hydrogen Sulfide Gas f. Tannin g. Total Dissolved Solids (TDS)
2:15-3:15	<p>Water Testing w/ Field Test Kit (438)</p> <ul style="list-style-type: none"> a. Iron b. pH c. Hardness
3:15-3:30	Break
3:30-5:00	<p>Health Related Contaminants</p> <ul style="list-style-type: none"> a. Microbiologically Impure Water / Shock Chlorination procedure b. Nitrates c. Chlorides & Sulfates d. Flourides e. Radium/Radon/Uranium f. Arsenic
6:30-8:30	Group Dinner - Off Site



WATER TREATMENT SYSTEMS

Day 2 Core Training

<p>8:00 - 10:00 AM</p>	<p>Residential Whole House Media Filters (Group 1)</p> <ul style="list-style-type: none"> a. Principles of Operation b. Filter Media Selection c. Sizing 	<p>Residential Cabinet & Two Tank Water Softeners (Lg Conf Room) (Group 2)</p> <ul style="list-style-type: none"> a. Principles of Operation b. Iron / Manganese Considerations c. Preventative Maintenance d. Sizing e. Accessories f. Optimizer System g. City Water Softener System h. Legacy View / Bluetooth
<p style="text-align: center;">Break</p>		
<p>10:15 - 12:15</p>	<p>Residential Whole House Media Filters (Group 2)</p> <ul style="list-style-type: none"> a. Principles of Operation b. Filter Media Selection c. Sizing 	<p>Residential Cabinet & Two Tank Water Softeners (Lg Conf Room) (Group 1)</p> <ul style="list-style-type: none"> a. Principles of Operation b. Iron / Manganese Considerations c. Preventative Maintenance d. Sizing e. Accessories f. Optimizer System g. City Water Softener System h. Legacy View / Bluetooth
<p style="text-align: center;">Lunch and Informal Q & A (Lunch Room)</p>		
<p>1:00 - 2:00</p>	<p>Plant Tour & a Look at Future Products (Group 1) (Tony Daub, Greg Tester & Bill Chandler)</p>	<p>Valve Assembly (Clint Bone) (Group 2)</p> <p>Includes: Building & Testing a Control Valve</p>
<p>2:00 - 3:00</p>	<p>Plant Tour & a Look at Future Products (Group 2) (Tony Daub, Greg Tester & Bill Chandler)</p>	<p>Valve Assembly (Clint Bone) (Group 1)</p> <p>Includes: Building & Testing a Control Valve</p>
<p style="text-align: center;">Break</p>		
<p>3:15 - 5:15</p>	<p>Aeration - Iron & Sulfur Removal Systems</p> <ul style="list-style-type: none"> a. Principles of Operation b. Design Features c. Sizing d. Accessories e. Control Valve Programming & Troubleshooting/Teardown f. Seals & Spacers 	<p>Turning Knowledge into Sales (Lg Conf Room)</p> <ul style="list-style-type: none"> a. Sales Techniques & Tips b. Marketing Support c. Contractor Map <p style="text-align: center;">Choose One</p>
<p style="text-align: center;">Day 2 Dinner On Your Own</p>		



WATER TREATMENT SYSTEMS

Day 3 Advanced Training

8:00 - 10:00	<p>Valve Training (Group 1)</p> <p>Includes: Troubleshooting & Tear Down</p>	<p>(Group 2)</p> <p>Chemical Injection Systems</p> <p>a. Principles of Operation b. Proper Chemical Feed Pump Sizing c. Special Considerations</p> <p>Application - What Product is Right for the Job?</p>
Break		
10:15 - 12:15	<p>Valve Training (Group 2)</p> <p>Includes: Troubleshooting & Tear Down</p>	<p>(Group 1)</p> <p>Chemical Injection Systems</p> <p>a. Principles of Operation b. Proper Chemical Feed Pump Sizing c. Special Considerations</p> <p>Application - What Product is Right for the Job?</p>
Lunch and Informal Q & A (Lunch Room)		
1:00 - 2:00	<p>Ultraviolet Systems</p> <p>a. Principles of Operation b. Sizing c. Special Considerations d. Options e. Lamp/Quartz Sleeve Change Out</p> <p>RO Systems</p> <p>a. TFC-300 b. TFC-3 & TFC-4 c. Principles of Operation</p>	<p>Commercial Products</p> <p>(Mike McNaull-Lg Conf Room)</p> <p>a. General Overview on Commercial Products</p>
Choose One		
2:00 - 4:00	<p>Aeration - Iron & Sulfur Removal Systems</p> <p>a. Principles of Operation b. Design Features c. Sizing d. Accessories e. Control Valve Programming & Troubleshooting/Teardown f. Seals & Spacers</p>	<p>Turning Knowledge into Sales</p> <p>(Lg Conf Room)</p> <p>a. Sales Techniques & Tips b. Marketing Support c. Contractor Map</p>
Choose One		