## Course 3 – Assessment Quiz

Which of the following is a field-based tool to evaluate CCT?

Pourbaix diagrams		
Solubility curves		
Bench-scale testing		
Partial-system test		
EPA guidance indicates that desktop studies should evaluate and summarize existing raw, entry point, and distribution system data.		
True		
False		
Corrosion control indices should be used to assess lead and copper solubility.		
True		
False		
EPA flow charts can be used for what?		
Identifying common materials in the distribution system		
Evaluating historical water quality data		
Identifying initial treatment strategies or targets for further consideration		
Collecting water samples		
What tools can be used to calculate water quality conditions?		
PHREEQC		
RTW Model		
WaterPro		
A and C		
B and C		
Solubility diagrams can be used to predict relative impacts to theoretical lead and copper concentrations.		
True		
False		

Solubility diagrams often predict actual scales formed in the distribution system.	
٦	True
F	False
Which of	f the following should be considered for chemical selection?
١	Worker and community safety
E	Effectiveness
E	Ease of implementation
(	Operability
A	A and C
A	A, B, C and D
When m	ight you consider scale analysis?
١	When a system consists of primarily PVC pipe
١	When a system has potential legacy metals (Al, Fe, Mn)
١	When a system consists of primarily new copper pipe
X-Ray Fluorescence provides information on elemental composition of samples.	
1	True
F	False
Pipe volume is a critical component when conducting profile sampling.	
7	True
F	False
Which of the following is a common source of lead?	
L	Lead service lines
(	Cast iron pipe
E	Brass
A	A and C
A	A, B, and C
Acclimation of harvested materials at the bench-scale level is typically 30 days.	
7	True
F	False

