

At Your Pace Online, LLC  
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**Sedimentation and Filtration**

**3h 7m 39s**

Section/Topic Titles	Word Count	Min Count	Topic Time	Section Time	Quiz Q's	Q's in Bank
<b>Sedimentation and Filtration</b>				3h 7m 39s		
1. Sedimentation and Filtration Introduction (Video)	V	1.6	2m 6s			
Review Question	Q	0.5			1	
2. Regulations	1	0.0	23m 60s			
a. Surface Water Treatment Rule	215	9.9				
b. 1998 Interim Enhanced Surface Water Treatment Rule	119	5.5				
c. Long Term Enhanced Surface Water Treatment Rules	174	8.0				
Review Question	Q	0.5			1	
3. What Is Sedimentation? (Video)	V	1.9	2m 24s			
Review Question	Q	0.5			1	
4. Sedimentation	18	0.8	41m 32s			
a. Particle Size and Density	42	1.9				
b. Particle Shape	20	0.9				
c. Particle Charge	31	1.4				
d. Water Velocity	54	2.5				
e. Water Temperature	48	2.2				
f. Basin Characteristics	66	3.0				
1. Types of Sedimentation Basins	233	10.8				
g. Inlet zone	70	3.2				
h. Settling Zone	38	1.8				
i. Sludge Zone	60	2.8				

j. Outlet Zone	50	2.3			
k. Additional Concerns	159	7.3			
Review Question	Q	0.5			1
5. Sedimentation (Video)	V	0.4	54s		
Review Question	Q	0.5			1
6. What is Sedimentation?	3	0.1	17m 12s		
a. Surface Loading Rate	31	1.4			
b. Weir Overflow Rate	19	0.9			
c. Sludge Pumping	309	14.3			
Review Question	Q	0.5			1
7. What is Filtration? (Video)	V	0.7	1m 12s		
Review Question	Q	0.5			1
8. Filtration	134	6.2	1h 34m 31s		
a. Types of Filters	30	1.4			
1. Gravity Filters	237	10.9			
2. Pressure Filters	156	7.2			
3. Deep Bed Filtration	213	9.8			
4. Diatomaceous Earth Filtration	202	9.3			
b. Filter Operation	299	13.8			
c. Filter Maintenance	479	22.1			
1. Returning Filters Back to Service	287	13.2			
Review Question	Q	0.5			1
9. Conclusion (Video)	V	3.3	3m 48s		
Review Question	Q	0.5			1
<b>Total Word Count</b>	3797	175.2	2h 55m 15s		
<b>Total Presented Questions</b>	9	4.5	0h 4m 30s		
<b>Total Activity Time</b>		0.0	0h 0m 0s		
<b>Total Video Time</b>		7.9	0h 7m 54s		
<b>Total Time for Words and Questions</b>		187.6	3h 7m 39s		