Sidney Innerebner

From: McBride, Mike <mike.mcbride@nebraska.gov>
Sent: Wednesday, November 26, 2014 10:36 AM

To: Sidney Innerebner

Cc:Wilson, Mary; Bauer, MarkSubject:Approval Confirmation

Sidney,

The 40 online wastewater operator training courses have been tentatively approved (pending supervisor review) by the NDEQ Wastewater Operator Certification Program. The courses and hours are listed below. You should receive an approval letter within 7-10 days from the Department. Please let me know if you have any questions. Thanks! mm

Indigo Water Group Sidney Innerebner Continuing Education/Training Submittal Date: 11/26/2014		
Course:	Mun. hours:	Ind. Hours:
activated sludge basics	2.50	0.00
activated sludge basics: a mechanical approach	2.00	0.00
activated sludge microbiology and microscope techniques Parts 1 & 2	2.00	0.00
activated sludge process control tests and troubleshooting	2.00	0.00
aerobic and anaerobic digestion	2.00	0.00
basic chemistry	2.00	2.00
belt filter press	1.50	1.50
biological and chemical phosphorus removal	1.50	0.50
centrifuges	1.50	1.50
chemical dosing math module	0.50	0.50
chlorine disinfection (wastewater focus)	1.50	1.50
collection system inspection, testing, and cleaning - part 1	2.00	0.00
collection system inspection, testing, and cleaning - part 2	2.00	0.00
confined space entry	1.50	1.50
corrosion control	2.00	2.00
fixed film: trickling filters and rotating biological contactors	1.50	0.00
geometry	0.50	0.50
hydraulics basics	1.00	1.00
hydraulics of pumped systems	2.00	2.00
intro to solids handling and 503 regulations	1.50	0.00
introduction to collection systems	1.50	0.00
introduction to wastewater: a plant overview	1.50	0.00
lab testing 2 b: fecal coliforms	1.50	0.00
lab testing part 1: pH, Winkler, bod, alkalinity, and hardness	2.00	1.00
lab testing part 2 a: total suspended solids	1.00	1.00
lagoons and fixed film	1.50	0.00
lagoons and wetlands	2.00	0.00
lift stations	1.00	1.00
maintenance for wastewater facilities	1.50	1.50
nitrification and de-nitrification	2.00	0.00
odor control	1.50	1.50
pretreatment and pollution prevention	2.50	2.50
proper use of spectrophotometers	1.00	1.00
pumps	1.50	1.50
state point analysis for secondary clarifiers	1.50	1.50
treatment of metal waste streams	0.00	1.00

trenching and shoring	2.00	2.00
types of activated sludge systems	1.50	0.00
unit conversions	0.50	0.50
what's in my wastewater? definitions and typical ratios	1.50	1.50

Mike McBride Operator Certification Program Coordinator Wastewater Section-Water Quality Division Nebraska Department of Environmental Quality 402-471-4244

MATH-005 Geometry and Velocity 1.5 1.5 APPROVE ALL-006 /WATER-0 Electrical Fundamentals 1 1 1 1 APPROVE COL-006 Manholes 1 1 1 1 APPROVE WWT-016B Chlorine Cylinder Changeout Demonstration 0.5 0.5 0.5 APPROVE WATER-013 Corrosion Control and Laboratory 2 2 2 2 APPROVE MATH-001 Unit Conversions 0.5 0.5 0.5 0.5 0.5 MATH-002 Geometry 0.5 0.5 0.5 0.5 0.5 MATH-002 Chemical Dosing 0.5 0.5 0.5 0.5 0.5 ALL-001 Pumps 1.5 <	
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WWT-013 State Point Analysis for Secondary Clarifiers 1.5 1.5 1.5	
WWT-014 Activated Sludge Process Control Tests and Troubleshooting 2 2 2	
WWT-016 Chlorine Disinfection 1.5 1.5	
WWT-017 Introduction to Solids Handling and 503 Regulations 1.5 1.5 0	
WWT-018 Aerobic and Anaerobic Digestion 2 2 0	
WWT-019 Belt Filter Presses 1.5 1.5 1.5	
WWT-020 Centrifuges 1.5 1.5 1.5	
WWT-021 Odor Control 1.5 1.5 1.5	
WWT-022 Laboratory Testing - Part 1 (pH, alkalinity, BOD, and Winkler) 2 2 1	
WWT-023 Laboratory Testing - Part 2A (Total Suspended Solids) 1 1 1	
WWT-024 Laboratory Testing - Part 2B (Fecal coliforms) 1.5 1.5 0	
WWT-025 Proper Use of Spectrophotometers (QA/QC) 1 1 1	
ALL-009/WWT-026 Basic Chemistry 2 2 2 wwr-027 Treatment of Metal Wastestreams 1 0 1	