



Dave Heineman
Governor

STATE OF NEBRASKA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Patrick W. Rice

Acting Director

Suite 400, The Atrium

1200 'N' Street

P.O. Box 98922

Lincoln, Nebraska 68509-8922

Phone (402) 471-2186

FAX (402) 471-2909

website: <http://deq.ne.gov>

DEC 8 2014

Sidney Innerebner P.E.
Indigo Water Group
626 West Davies Way
Littleton, CO 80120

RE: Wastewater Operator Online/On-Demand Training Course Review and Approval

Dear Sidney:

Thank you for your recent submittal of Indigo Water Group's online/on-demand wastewater operator training programs. We have reviewed your request for continuing education hours as provided for in Nebraska Administrative Code Title 197, *Rules and Regulations for the Certification of Wastewater Treatment Operators in Nebraska*. The 40 online/on-demand courses approved for Nebraska certified wastewater operator continuing education/training hours are listed in the Table below.

The Nebraska Department of Environmental Quality (NDEQ) has approved the 40 courses based on the following information provided by Indigo Water Group:

- Courses include interactive quizzes
- Participants not allowed to skip presentation slides
- Participants required to use "next" button to advance slides
- Attendance verification includes: time tracking, quiz completion, date/time stamp review, and quiz question review
- List of course attendees provided to the NDEQ within 30 days of course completion

We appreciate your efforts to provide quality continuing education to Nebraska's wastewater operators. Please do not hesitate to call me at (402) 471-4244 if you have any questions.

Sincerely,

Mike McBride
Operator Certification Program Coordinator
Wastewater Unit – Water Quality Division

Sidney Innerebner

From: McBride, Mike <mike.mcbride@nebraska.gov>
Sent: Wednesday, November 26, 2014 10:36 AM
To: Sidney Innerebner
Cc: Wilson, Mary; Bauer, Mark
Subject: 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