

Wisconsin Crop Management Conference

Nitrogen and Nutrient Management

Government Panel – WDNR

Joe Baeten
Nutrient Management Program Coordinator
WDNR Runoff Management Section
January 14, 2016





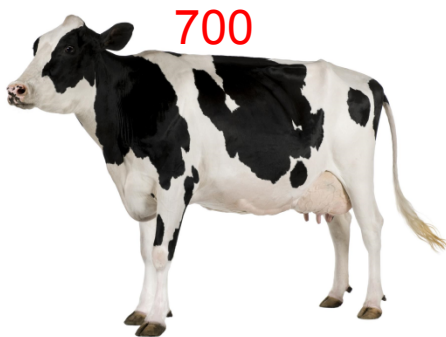
WDNR Runoff Management Section

- Storm Water Program
 - Regulates storm water discharges from construction sites, industrial facilities and municipalities.
- Nonpoint Source Program
 - Research, monitoring, data assessment and management, regulation and enforcement, financial and technical assistance, education and outreach and public involvement.
- CAFO Program*
 - Regulates farms designated as a Concentrated Animal Feeding Operation (CAFO) under the U.S. EPA Clean Water Act's pollutant discharge permit program.



CAFO Program

- State issues permits to:
 - Farms with 1,000+ Animal Units (AUs)
 - Farms less than 1,000 AUs that discharge to surface or groundwater.
- Permitted farm types include: dairy, beef, turkey, duck, chicken (broilers & layers), swine, sheep, and others.



CAFO Program

- Each CAFO is issued a 5 year Wisconsin Pollutant Discharge Elimination System (WPDES) Permit by the WDNR.
 - Production site – zero discharge
 - Land application sites – managed with a nutrient management plan per NRCS 590 & NR 243.14.





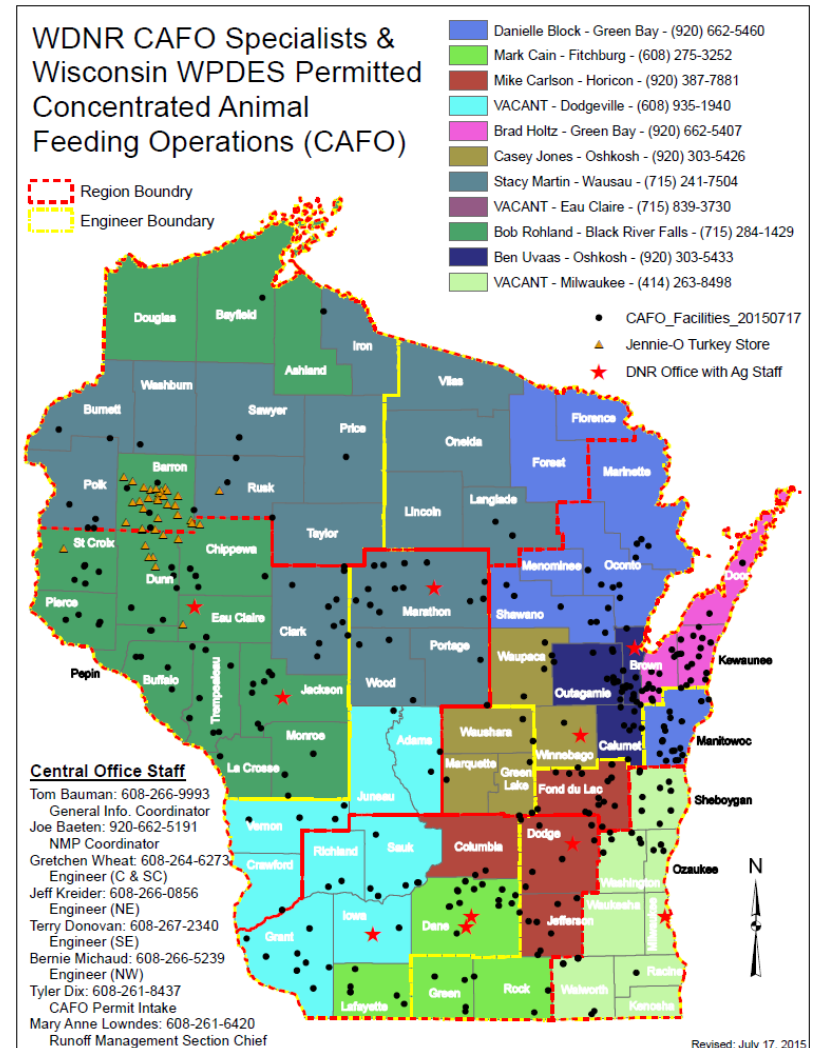
CAFO's in Wisconsin

- December 2015
 - 279 current WPDES permits (issued)
 - 40 new WPDES permit applications
 - **319** total
- December 2014
 - 264 current WPDES permits (issued)
 - 40 new WPDES permit applications
 - **304** total
- April 2013
 - 246 current WPDES permits (issued)
 - 24 new WPDES permit applications
 - **270** total
- April 2013 to December 2015
 - 13% growth of WPDES permitted CAFOs
 - 67% growth in new WPDES permit applications
 - 18% growth in total permits (issued & new)



WDNR CAFO Staff

- 11 Regional Runoff Specialists (3 vacancies)
- 4 Regional Supporting LTEs (3 vacancies)
- 6.5 Central Office Staff
 - 4 Engineers
 - General Information Coordinator
 - NMP Coordinator
 - Intake Specialist





What's New?

- ePermitting of substantial revisions to a CAFO NMP.
 - Plans and Specs coming soon
 - Guidance documents available
 - Plan ahead!
- New and improved WDNR Nutrient Management webpage (<http://dnr.wi.gov/topic/AgBusiness/CAFO/NutrientManagementPlan.html>)
 - Contains most current forms, checklists, guidance documents, presentations, etc.



What's New?

- WDNR Water Quality Workgroups in Northeast Wisconsin
 - Sensitive Areas and Management Practices Workgroup
 - Compliance Workgroup
 - Short Term Solutions Workgroup
 - Communication Workgroup
- WDNR provided funding for groundwater quality research project in Kewaunee County

What's New?

- TMDL: pollution 'budget'
- Wisconsin River Basin TMDL
 - Anticipated completion date in 2017.
 - For municipal and industrial wastewater and urban stormwater, TMDL loads are incorporated into permits.
 - For ag producers, establish partnerships to identify solutions that work locally.
 - Wisconsin River Basin Healthy Soil, Healthy Water workshop on Feb. 22 in Wisc. Rapids.
 - Ann Dansart Hirekatur
 - (608) 266-0156





Reminders

- 2016 Annual CAFO Workshops
 - February 4, 2016 Rice Lake
 - February 11, 2016 Fond du Lac
 - February 12, 2016 Green Bay
 - Possibly 1 more location

QUESTIONS?

Joe Baeten

WDNR Nutrient Management Program Coordinator

(920) 662-5191

Joseph.Baeten@Wisconsin.gov

Green Bay Service Center

