



**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

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# Water Protection Program Permitting Update

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Chris Wieberg

# Permitting Section at a Glance

- Domestic Wastewater Permitting
  - 7 Permit Writers
  - 1 Residential Subdivision Approval Writer
- Industrial Wastewater and Stormwater Permitting
  - 3 industrial Permit Writers
  - 2 CAFO Permit Writers
- General Permitting/401 Certification/MS4
  - 1 MS4 Permit Writer
  - 1 Land Disturbance Permit Writer
  - 1 401 Certification Writer
  - 1 Master General Permit Writer

# Permits Issued

- Permit Renewals = 460
- New Permits = 221
  - Mostly MOGD
- Terminations = 524
  - Mostly land disturbance and minor non municipal
- Modifications = 476
  - Mostly general stormwater permit and minor non-municipal

# New or Revised Permit Related Publications

- Clean Water Act Section 316(b) NPDES Permitting in Missouri--PUB2659
- Pump and Haul Operating Permit--PUB2658
- Additive Usage at Wastewater Treatment Facilities--PUB2653
- Capacity, Management, Operations and Maintenance Plan Model Guidance--PUB2574
- Conversion to a No-Discharge Irrigation System From a Discharging Lagoon System--PUB2669
- Evaluating Wastewater Treatment Alternatives for Small Communities with Lagoons--PUB2587
- Subsurface Soil Dispersal Systems--PUB2435
- No-Discharge Alternative Evaluation--PUB2665
- Wastewater Irrigation Frequently Asked Questions--PUB2668

# VNMP

- # of applications fully processed and in the program: 51
- # of applications that are in process: 12
- The applications waiting to be processed are due to varying issues, such as analytical methods or other application issues.

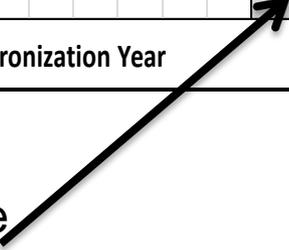
# Priority Permit FFY2016

- For FFY 2016 we had 201 permits expired more than 2 years.
- From that list we select 20% (40 permits) to be priority permits
- We were able to get 31 of the priority permits renewed during the FFY

# Permit Synchronization

	2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022																			
	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q								
Group 1	FY13												FY18																											
Group 2					FY14												FY19																							
Group 3									FY15												FY20																			
Group 4													FY16												FY21															
Group 5																	FY17												FY22											
	Initial Permit Synchronization Year												Final Permit Synchronization Year																											

Here is where we are  
at today!!



# eReporting Rule

- Requires DMRs to reported electronically by December 21, 2016
  - Department will soon be requesting all “Major” permittees submit eDMR applications prior to December 21<sup>st</sup> 2016
  - All renewals in the future will require an eDMR application to be considered complete
  - The policy is still being finalized to facilitate compliance with the rule.

# eReporting Rule

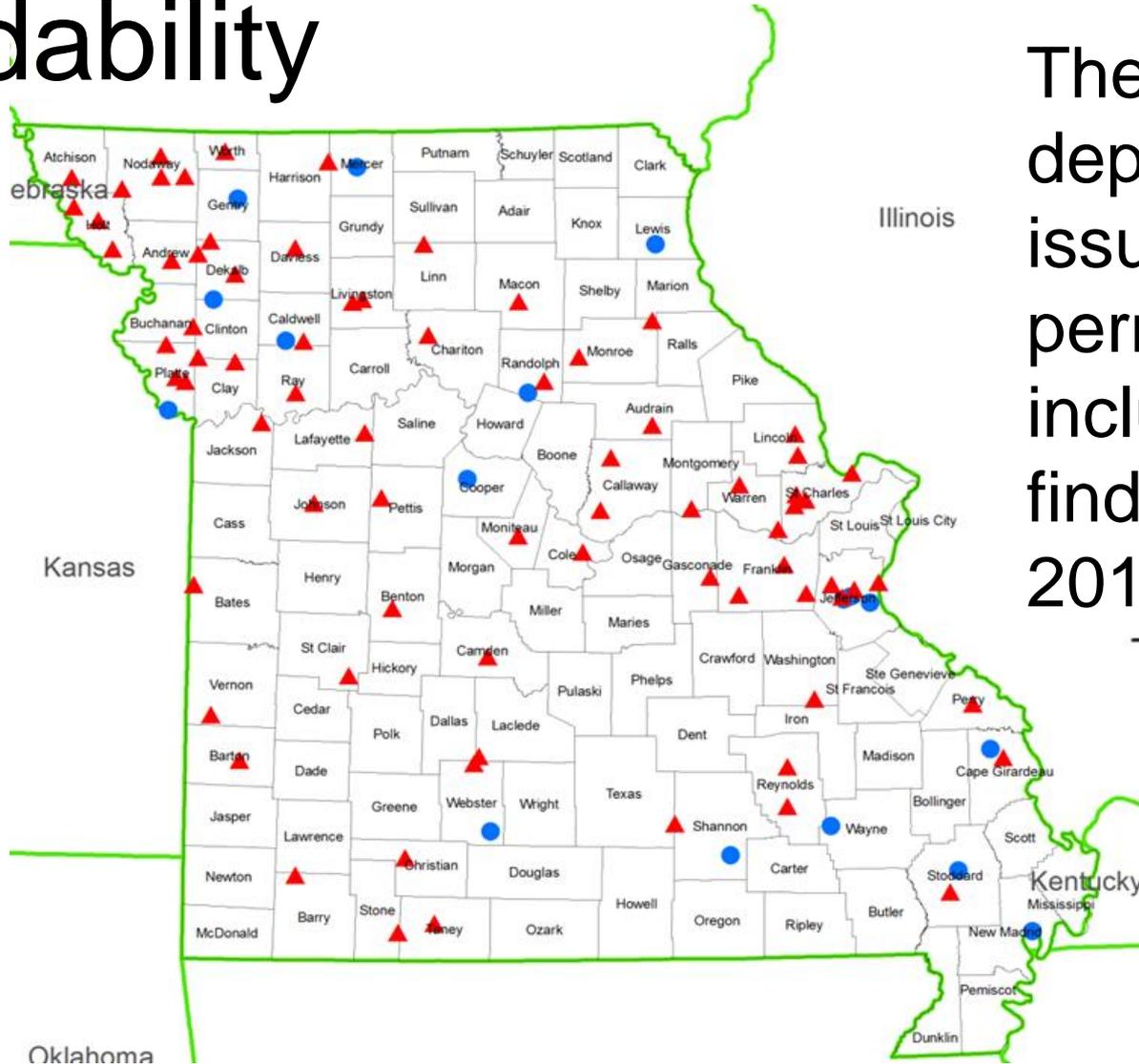
- By December 21st 2020 certain program reports and permit applications will need to be submitted electronically
- This will require significant upgrades to eDMR, MoCWIS, and ePermitting

# Multiple Discharger Variance for Ammonia

- Permit writers conduct the initial analysis for MDV applicability in the form of the CAFCOM analysis.
- If the analysis shows widespread social and economic impact the permit is held for consideration under the MDV.
- It is important for communities to provide complete financial information



# Affordability



The department issued 77 permits that included findings in 2015

# MS4

- The Boone County, City of Columbia, University of Missouri Phase II co-permitted MS4 was issued on May 23, 2016.
- The MoDOT Transportation Separate Storm Sewer System (TS4) was placed on Public Notice August 23rd and is expected to be issued in the near future.
- The Phase II MS4 master general permit will be issued on October 1, 2016.
- Springfield's Phase I MS4 is scheduled to go onto Public Notice in October.
- It is our goal that the remaining two Phase I MS4 permits for Kansas City and Independence should be issued by either the 1st but no later than the 2nd quarter of 2017.

# Benchmarks Vs. Limits

- Benchmarks are a TBEL
- Limits are a WQBEL
- If reasonable potential to cause or contribute to an exceedance of a water quality standard exist the permit is required to contain a limitation.

# USACE NWP Renewal

- §404 Nationwide Permits expire March 2017.
  - Must go through federal rulemaking and publication in the Federal Register.
  - Draft NWPs and conditions public comment period ended August 1, 2016.
  - Regional condition comments due August 1, 2016.
  - Expect final NWP version to be published December 2016 in FR.
- State's §401 certification for any federal action to protect water quality standards.
  - Stakeholder meetings held January – July 2016.
  - Staff revising state conditions based on stakeholder comments and dept. needs.
  - Expect to have draft October 2016 with formal public comment period December 2016.
- Staff contact: Stacia Bax, 573.526.4586, [stacia.bax@dnr.mo.gov](mailto:stacia.bax@dnr.mo.gov)
- <http://dnr.mo.gov/env/wpp/401/index.html>

# Master General Permit Renewals

- MGPs issued/modified in FFY2016:
- MO-R23A000 Chemical Mfg. effective 11-01-2015
- MO-G050000 LRP Abandoned Mines effective 07-01-2016
- MO-G840000 Clay Pits effective 07-01-2016
- MO-G641000 Zeolite Softeners modified 08-01-2016
- MO-R240000 Ag Chem effective 09-01-2016,  
includes MO-R241000
- MO-R040000 Phase 2 Small MS4 effective 10-01-2016

# HB1717

- Requires the department to provide municipalities with wastewater information regarding options to upgrade to meet requirements including advanced technologies and biological treatment options.
- Third party analysis
- If feasible the department must concur



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# Questions