

Environmental Sciences Branch Update

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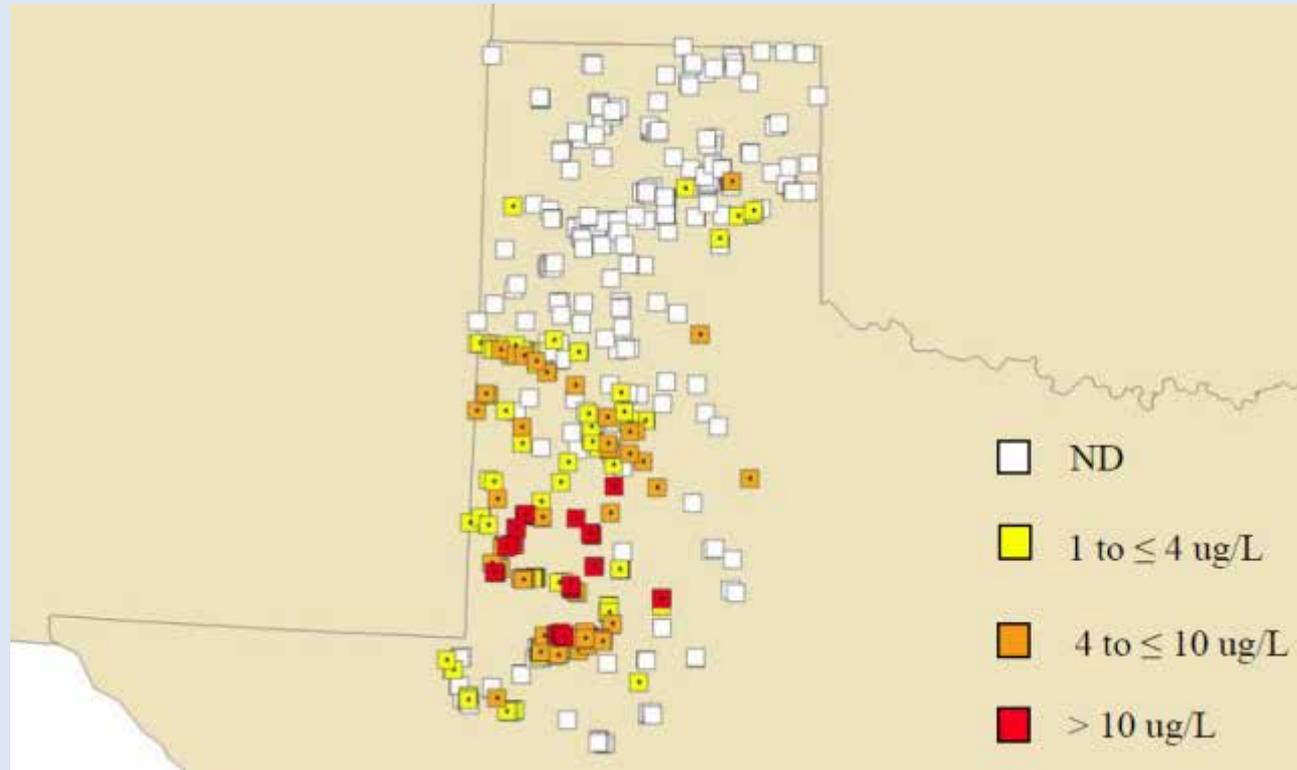


Activities –Drinking Water

- New Fees started 10/10/2012 – mostly lower fees, significantly lower organics fees.
- Future Drinking Water Issues
 - Regulation of Perchlorate 3-4 years out – no updates from recent EPA webinar. Early 2013?
 - Notice of preliminary rulemaking for nitrosamines by end of year?

Perchlorate in Texas, 2004 Study

"Perchlorate Occurrence Mapping", AWWA 2005



Nitrosamines in Drinking Water

TABLE 1 Nitrosamine occurrence in UCMR2 and Ontario DWSP samples

Nitrosamine	Number of UCMR2 Samples (Percent > MRL)	Number of Ontario DWSP Samples (Percent > MDL)	Number of Chloraminated UCMR2 Systems (Percent With Samples > MRL)
NDMA	1,678 (9.8%)	1,680 (37.1%)	178* (69.2%)
NDEA	45 (0.3%)	204 (6.1%)	7 (2.7%)
NPYR	41 (0.2%)	0 (0.0%)	9 (3.5%)
NDBA	9 (0.1%)	82 (2.5%)	0 (0.0%)
NMEA	3 (0.0%)	0 (0.0%)	0 (0.0%)
NDPA	0 (0.0%)	0 (0.0%)	0 (0.0%)
NPIP	NS	4 (0.9%)	NS
NMOR	NS	283 (8.5%)	NS

DWSP—Drinking Water Surveillance Program, MDL—method detection level for Ontario DWSP, MRL—minimum reporting level for UCMR2, NDBA—N-nitroso-di-n-butylamine, NDEA—N-nitrosodiethylamine, NDMA—N-nitrosodimethylamine, NDPA—N-nitroso-di-n-propylamine, NMEA—N-nitrosomethylethylamine, NMOR—N-nitrosomorpholine, NPIP—N-nitrosopiperidine, NPYR—N-nitrosopyrrolidine, NS—not sampled, UCMR2—second Unregulated Contaminants Monitoring Rule

*Of 316 total community water systems with NDMA detections.

Nationwide assessment of nitrosamine occurrence and trends

CAROLINE G. RUSSELL, NICOLE K. BLUTE, STEVE VIA, XUEYING WU, AND ZAID CHOWDHURY
<http://dx.doi.org/10.5942/jesw.2012.104.0037>



Other Activities

- FDA- Working on ISO 17025 Certification grant activities
- EPA – Participating in Multiregional Emergency Response Exercise in early December.

APHL Policy Statement

http://www.aphl.org/policy/positions/Documents/POL_2012Jul_APHL-Position-Statement_Nongovernmental-Accrediting-Bodies-for-Environmental-Laboratories.pdf

APHL Position/Policy Statement

Non-governmental Accrediting Bodies for Environmental Laboratories

A. Statement of Position

APHL supports the ongoing role and responsibility of government in the accreditation of environmental laboratories, and therefore opposes privatization of environmental laboratory accreditation. Although there is a role for third-party assessors at environmental laboratories, they must participate in the regulatory program with the oversight of government agencies. ...