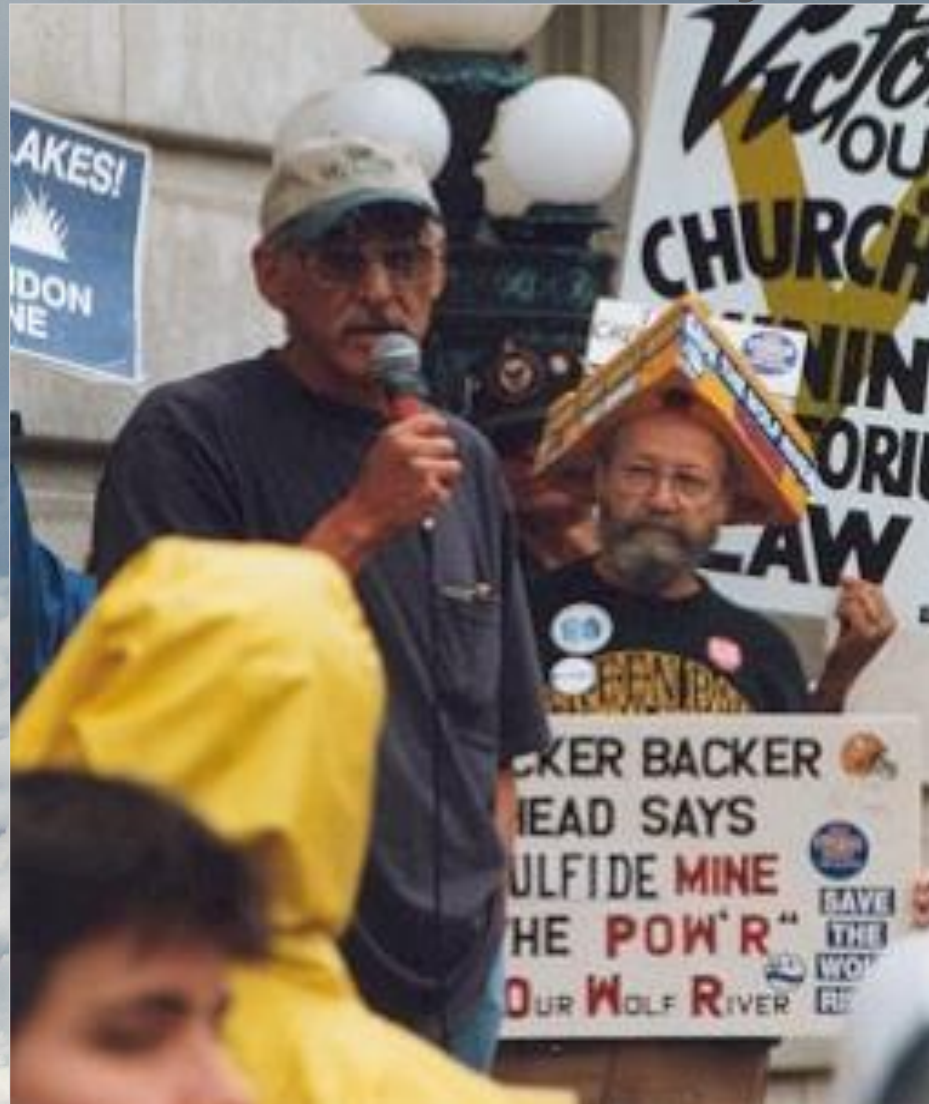


Forest County Potawatomi Community Birth of an Air Quality Program



FCPC Air Resources Program – 1999

Goals and Purpose



- **Particulates -**
 - ✓ Total Suspended Particles (TSP) and
 - ✓ PM 10 (10 micrograms and smaller)
- **Mercury deposition**
- **Rain gauge and Met tower**



FCPC Air Resources Program – 2004

Goals and Purpose



USEPA QA Handbook Vol. II, Section 6.0

Table 6-1 Relationship Among Monitoring Objectives and Scales of Representativeness

Monitoring Objective	Appropriate Siting Scale
Highest Concentration	Micro, middle, neighborhood (sometimes urban/regional for secondarily formed pollutants)
Population	Neighborhood, urban
Source impact	Micro, middle, neighborhood
General/background & Regional Transport	Urban/regional
Welfare-related	Urban/regional

Table 6-2 Summary of Spatial Scales for SLAMS, NCore, PAMS, and Open Path (OP) Sites

Spatial Scale	SLAMS Sites ¹							PM _{10-2.5}	NCore	CSN	NATTs	PAMS	OP
	SO ₂	CO	O ₃	NO ₂	Pb	PM ₁₀	PM _{2.5}						
Micro	*	*		*	*	*	*	*					
Middle	*	*		*	*	*	*	*					*
Neighborhood	*	*	*	*	*	*	*	*	*	*	*	*	*
Urban	*		*	*			*		*	*	*	*	*
Regional			*				*		*		*		*

¹ SLAMS Site scales based on current listing in 40 CFR Part 58, Appendix D and do not include NCore spatial scale objective.

FCPC Air Resources Program – 2016 Goals and Purpose



Present air monitoring site, supporting Class I designation and Air Quality Related Values (AQRVs) that protect natural and cultural resources, and providing the Community services and information that helps protect human health.

FCPC Air Resources Program - Facilitators of Success

- Longevity in air program staff
- Training and Courses, primarily thru ITEP
- Financial support – Tribe's conviction and EPA grant funding
- Partnership with State Department of Natural Resources - Air Monitoring Section



WDNR's Environmental Chemist Vid Grande audits mercury analyzer

FCPC Air Resources Program - Biggest Challenge/s

- SOOO MANY issues
- Limited staff
- Lacking In-house Expertise

RADON
Grants management
Climate Change
Diesel reductions
permit review
Ambient air monitoring
regulations
DATA MANAGEMENT
Wood-smoke
mold

FCPC Air Resources Program - Recommendations/Advice

- Partnerships
- Seek help/talk with others
- Prioritize/focus/let go



FCPC Air Resources Program - Contacts



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