

Background of the Quapaw Nation

Located in NE OK

Approximately 5,500 enrolled members

Approximately 5,500 tribal members

2 Casinos (Downstream Casino Resort and Quapaw Casino)

2 Gas Stations (near the casinos)



Environmental Office



Established Environmental Office in 1998

Started with a General Assistance Program Grant

Limited Staff and Resources

Vision and Leadership



Air Quality Program

Air Quality Program established in 1999

Primary concern of exposure is to lead dust in relation to the Tar Creek Superfund Site

Additional exposures include the exposure to ground-level ozone and particulate matter

Currently monitor for ozone, particulate matter, lead in total suspended particulates, ammonia, wind speed, wind direction and temperature

TAR CREEK SUPERFUND SITE

- Tri-State Mining District
- Mining began in the area during the late 1800's and lasted until approximately 1970
- Mining and milling of ore (primarily lead and zinc) produced more than 500 million tons of waste in area
- FOR EVERY 1 TON of ore extracted, approximately 16 tons of chat and tailings was left behind

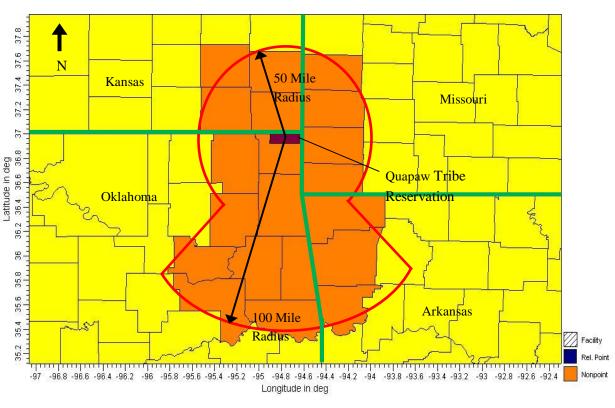


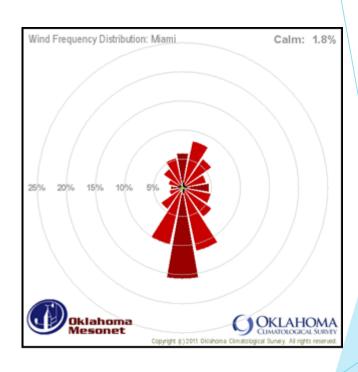




TAR CREEK SUPERFUND SITE

Capacity Building Air Quality and Emissions Inventory

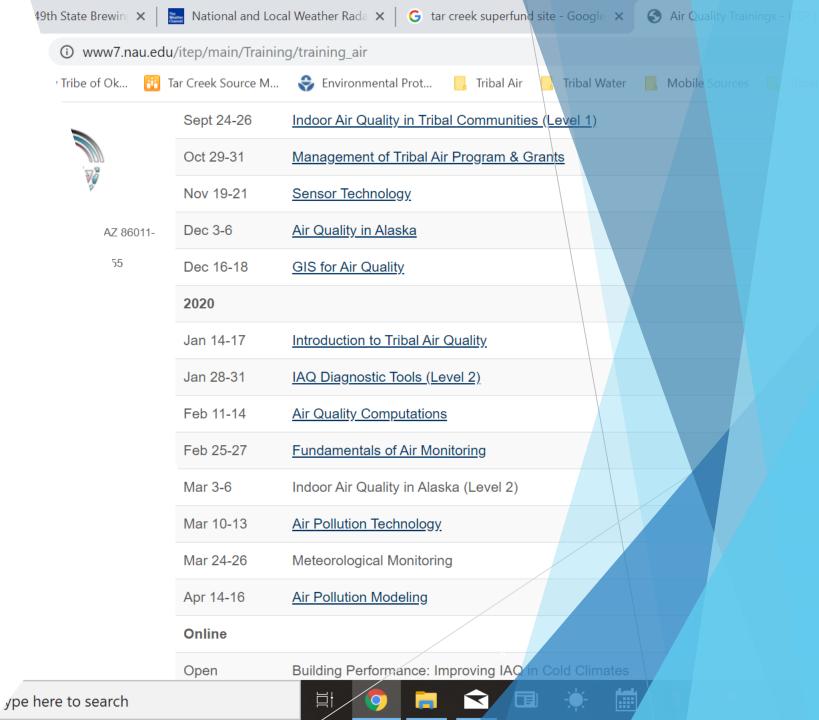




► Fifty-one 51 off-reservation point sources and airports with emissions estimates above the minimum reporting thresholds identified

Capacity Building ITEP Trainings

All staff attended different levels of courses as experience, knowledge and expertise grew



Volunteer and Participate

NTAA Membership

NTAA Executive Committee member as nominated on by RTOC peers

Tribal Air Monitoring Support Center Steering Committee Member and former Chairperson

Four States Clean Air Alliance Board Membership

Grant Program Authority - Section 105

Affected State Status - Section 505(a)(2)

Redesignations - Section 107(d)(3)

Notification of Construction of New Major Stationary Sources - Section 126

TAS

Clean Air Act Funding

Section 103 Funding

Continue monitoring of select criteria pollutants

Section 105 Funding

Work on building capacity for commenting on permits in area

Ozone Advance Program

Joined as Board Member the Four States Clean Air Alliance

Represent agencies/entities from Oklahoma, Kansas, Missouri and Arkansas

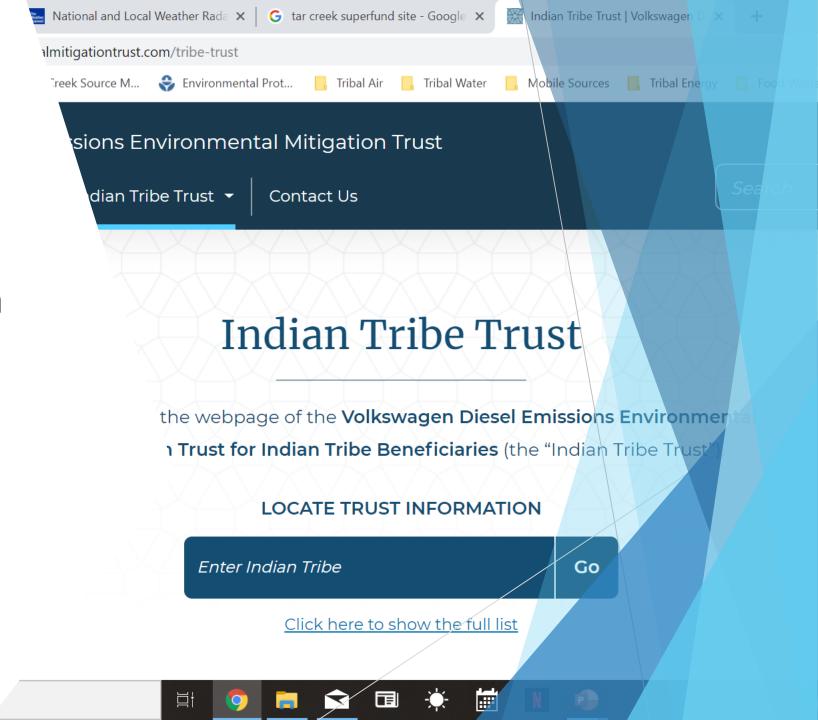
Advance Program supports states, tribes and local governments wanting to take proactive steps to keep their air clean by promoting local actions to reduce ozone

Annually reviews a Clean Air Action Plan and highlights area improvements, issues and lessons learned

Volkswagen Settlement

▶\$55 million available for tribes to mitigation NOx emissions from diesel vehicles

• Quapaw became Beneficiary prior to first funding round



Volkswagen Settlement - Y1

- Received approximately \$137,000 to replace a Fire/EMS Pumper Truck
- Quapaw became Beneficiary prior to first funding round
- Cost-shared part of the purchase and replacement
- ► Are required to "scrap" the replaced vehicle



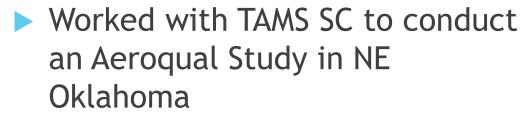
Volkswagen Settlement - Y2

- Received approximately \$196,000 to replace a Fire/EMS Pumper Truck
- Will cost share some funds
- Are required to "scrap" the replaced vehicle





Sensor Technology



- How reliable are they and how can they be used as a screening device
- Recently working with EPA on a Long-Term Performance Evaluation of Purple Air Sensors



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THANK YOU! QUESTION?