

**AIR RESOURCES COUNCIL
MINUTES OF MEETING #255
11/19/18**

MEMBERS PRESENT: Chairman Robert Duval, Elizabeth Tillotson, Georgia Murray, Kris Blomback, David Cribbie

MEMBERS NOT PRESENT: Vice-Chairman David Collins, J. Ryan Bielagus, Mark Lambert

NHDES – ARD PERSONNEL: Mike Fitzgerald, Gary Milbury, Sonny Strickland, Karla McManus

OTHERS PRESENT: Shelley Marshall, and Appeals Clerk, Paula Scott

**MEMBERS OF
THE PUBLIC PRESENT:** Janet Ward

Call to Order:

Vice Chairman David Collins called Meeting #255 of the Air Resources Council (ARC) to order at 9:06 a.m. on Monday, November 19, 2018. Chairman Robert Duval announced that a quorum of the ARC was present.

Approval of Minutes:

Lynn Tillotson entered a motion to accept the minutes of meeting #254. Georgia Murray seconded the motion.

Introduction of newest Council Member: David Cribbie

Chair Robert Duval introduced our newest member of the Council, Mr. David Cribbie, who will now be representing the “Manufacturing Component of Industry”. Councilman David Cribbie advised the council members that he has over 4 years’ experience working at the Department of Environmental Services as a Title V Permitting engineer; and also has worked with the Governor Enforcement Bureau. Mr. Cribbie worked for the power industry with PSNH and that has always been involved with Environmental Health and Safety his whole career. Councilman Cribbie stated that he is happy to be a part of the Air Council team and is looking forward to getting more involved. Each council member went around the table introducing themselves and who they represent to our newest council member and welcomed him aboard.

Division Activities and Legislative Update:

Chairman Robert Duval introduced Mike Fitzgerald, the Assistant Director of the Air Resources Division (ARD). Assistant Director Fitzgerald briefly updated members of the ARC regarding issues relative to the ARD, including:

Permitting:

- Public Hearing - draft Title V Operating Permit for Bridgewater Power: In September, ARD commenced a 30-day public comment period on the draft Title V Operating Permit renewal for the Bridgewater Power Company facility. Written comments were received on the draft permit, and ARD also received a number of requests for a public hearing. The public comments and hearing requests mentioned concerns about emissions of particulates, heavy metals, and also requested more information on VOCs, NOx, and air pollution controls. In response, **we have scheduled a public hearing at the Bridgewater Town Hall for Thursday, December 13th at 6:00 p.m.**
- Proposed Hydrogen Energy Plant: Air permitting was contacted by Q Hydrogen Solutions, who is proposing to construct a hydrogen energy plant at the former Groveton Wausau paper mill site. According to an article in the "Berlin Reporter," it would generate approximately 30 megawatts of energy using hydrogen. Hydrogen would be created by stripping hydrogen molecules out of water and using the hydrogen to power engines.

The energy would not be interconnected with the large portion of the power grid and is close to the minimum capacity that the NH Site Evaluation Committee approves. The company stated that it will be applying for an exception from SEC.

ARD is waiting for an air permit application.

- Potential CHP Project: Combined heat and power (CHP) could substantially increase the overall efficiency of this biomass plant, including in terms of air emissions. The original plan for the Burgess BioPower facility was to be CHP when it was initially approved by the NHCSEC.

In late October, Cate Street Operations (the owner of Burgess BioPower) discussed a proposal with the Berlin City Council to use steam from the biomass plant for a 4 acre greenhouse that would be constructed at the former Burgess Mill site. Burgess BioPower would be the developer and the greenhouse would be owned and operated by an unnamed third party.

Environmental Health Program Update:

- New staff under SB 309: Senate Bill 309 (SB309) was passed during the 2018 General Court Session. The bill regulates groundwater pollution caused by air emissions and requires NHDES to establish water standards for perfluorochemicals. SB 309 (which became effective September 8th) also authorized General Funds for NHDES to hire a toxicologist and a health risk assessor to complete the tasks in the bill. NHDES is pleased to report that we have hired two extremely well-qualified people for these positions and they started October 12th.

- **Dr. Jonathan Ali** came to DES from the University of Nebraska, where much of his graduate and post-doctorate work focused on aquatic toxicology. Jonathan holds a Bachelor of Science Degree in Biology from Wright State University and a Doctorate in Environmental Toxicology from U. Nebraska. Jonathans experience with evaluating the toxicity of contaminated water/sediments on the environment, and his work with emerging contaminants have already proven to be extremely helpful to the rulemaking effort.
- **Mary Butow** came to DES from the Toxics Use Reduction Institute (TURI) at University of Massachusetts, Lowell (UMass Lowell). At TURI, Mary served as their Research and Reference Specialist and managed the TURI library. She holds a Bachelor of Arts degree in Chemistry and Music from Lehigh University and a Master of Science degree in Occupational Epidemiology from UMass Lowell. She also recently completed a Graduate Certificate from UMass Lowell in Clinical Pathology. Mary’s recent experience working on the health and environmental effects of per fluorinated substances has been very valuable to DES.

Status of Appeals

Paula Scott, Appeals Clerk briefly updated members of the two recent appeals to ARD, including:

Docket No. 18-01 ARC – Jane Marie Ingram Appeal

- 8/13/18 Deliberations were held at the close of the hearing. 9/5/18 issued Decision and Order on Notice of Appeal. 10/8/18 received DES motion to reconsider. 11/1/18 distributed draft decision on reconsideration to the Council. 11/7/18 issued Decision and order denying DES motion to reconsider.

Docket No. 18-02 ARC- Anthony Caplin, et al Appeal

- 9/5/18 issued decision and order granting the State’s motion to dismiss. 10/5/18 received motion for reconsideration. 10/9/18 State’s objection to motion for reconsideration. 10/10/18 received motion for extension of time to file Memorandum of Law and preliminary objection to appellants’ motion for reconsideration. 10/11/18 issued ruling granting motion for extension of time. 10/15/18 received appellants’ response to objection to motion for reconsideration. 10/24/18 received Permittees Memorandum in support of its preliminary objection to appellants’ motion for reconsideration. 10/29/18 received appellant’s response to Memorandum of law and correction to page 7 of the motion for reconsideration.

Rules: Proposed Readoption of Rule Env-A 2300, Mitigation of Regional Haze

Karla McManus, Planning and Rules Manager

Gary Milbury, Administrator IV - Permitting

- Env-A 2300, *Mitigation of Regional Haze*, is due to expire on January 8, 2019. The purpose of this chapter is to establish emission standards for sulfur dioxide (SO₂), nitrogen oxides (NO_x), and total suspended particulate matter (TSP) at certain fossil-fuel-fired steam generating units in order to reduce emissions that contribute to regional haze. These rules are necessary to ensure compliance with §169A of the Clean Air Act and regional haze program requirements established at 40 CFR 51.308, including but not limited to the provisions for best available retrofit technology (BART). ARD is proposing to readopt Env-A 2300 with minor edits.

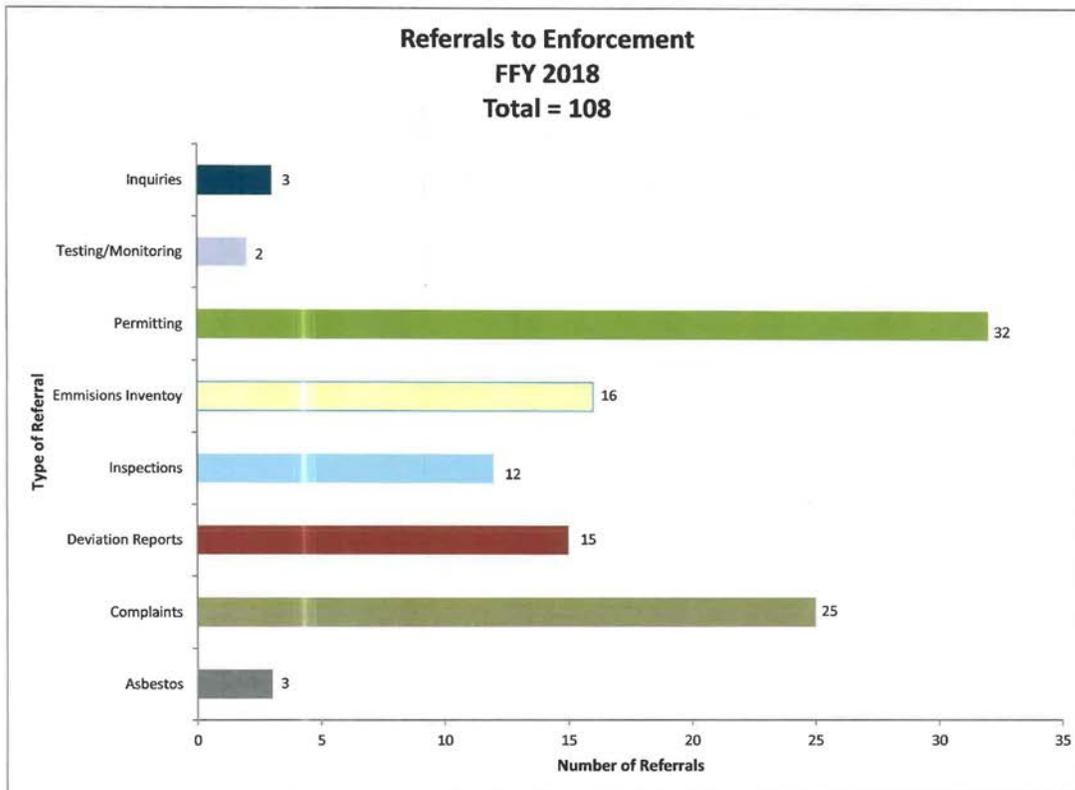
Compliance Update:

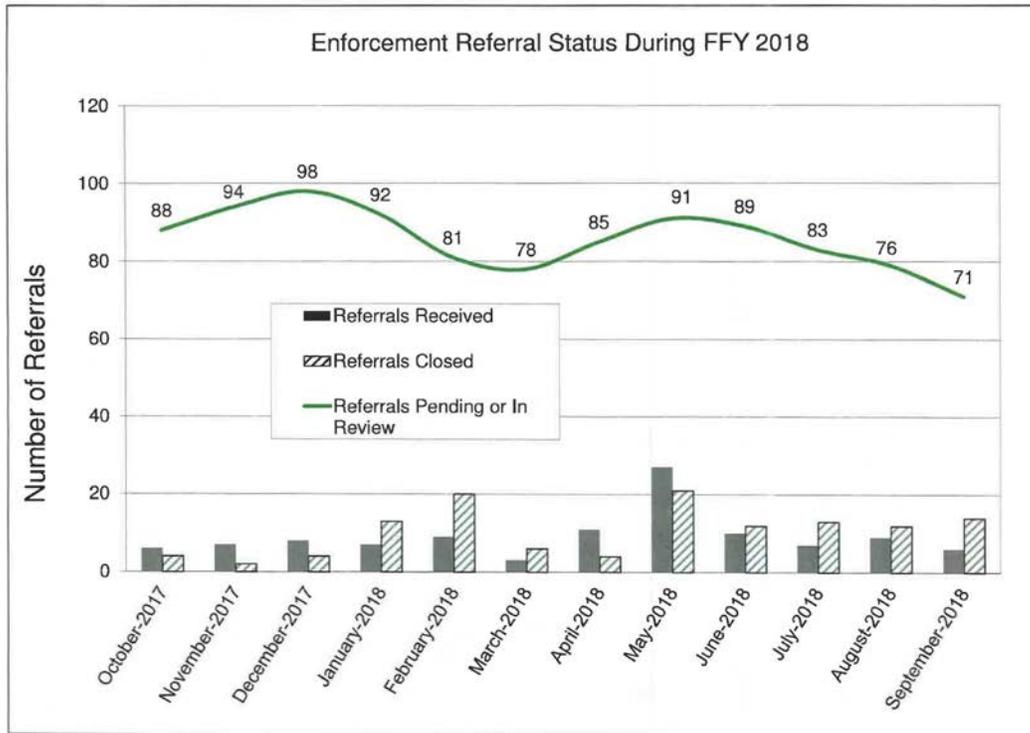
James Tilley, Enforcement Supervisor VII

**Air Resources Division
Enforcement Summary
Federal Fiscal Year 2018**

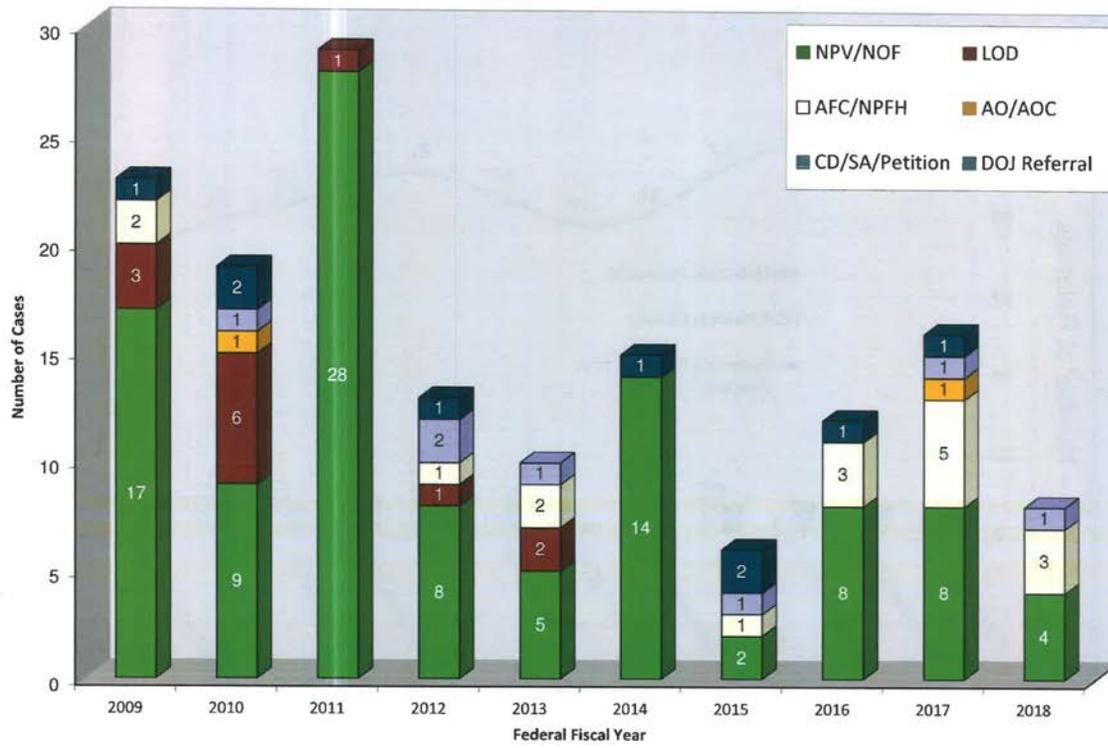
108 referrals for enforcement were sent to the Enforcement Section
81 enforcement actions were issued, executed, or completed
25 "No Action Taken" memos were completed
\$186,451 of fines and penalties were paid as a result of ARD's enforcement actions.

NHDES

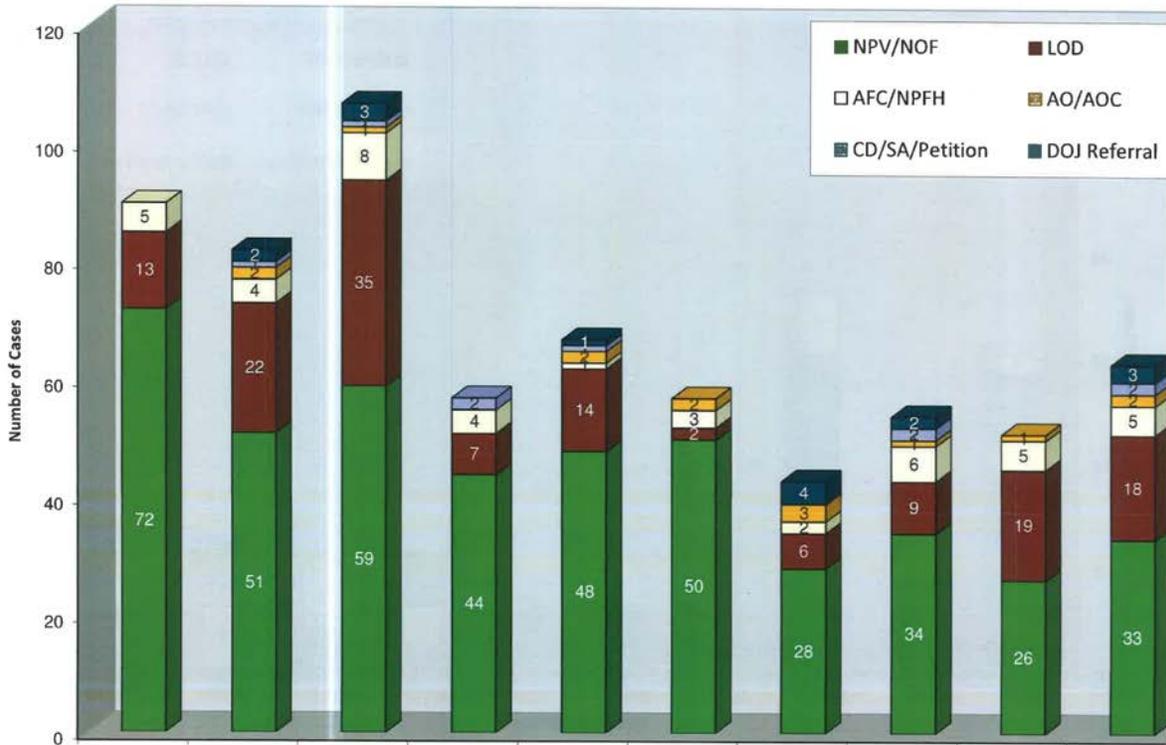




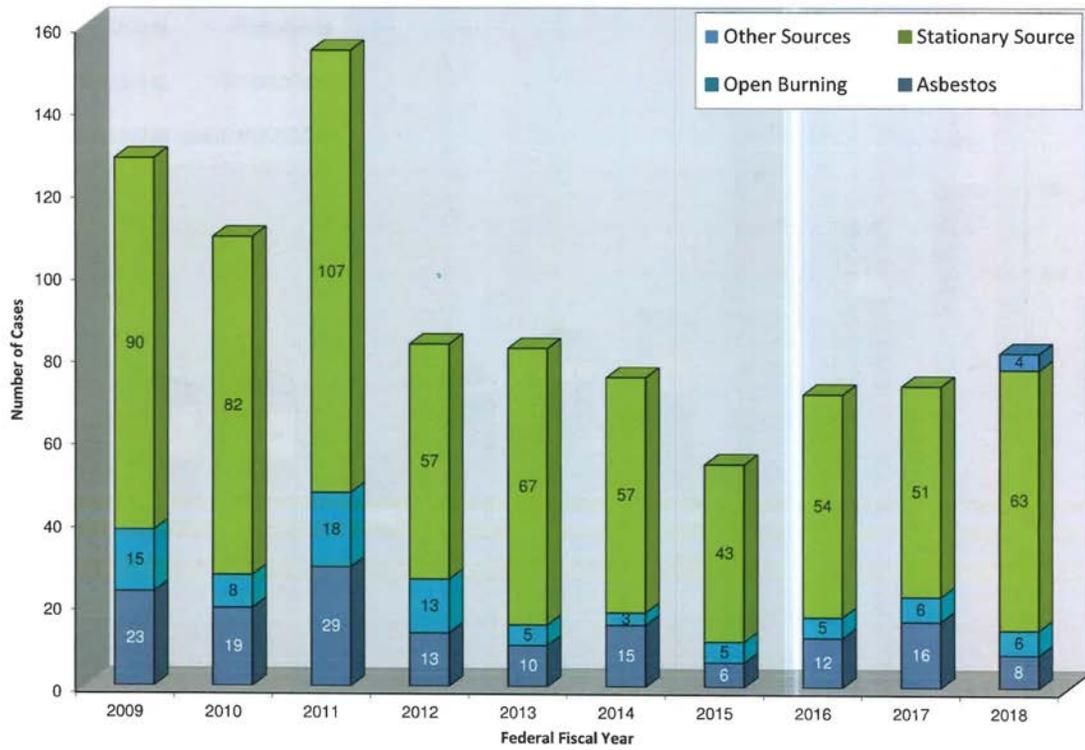
**ARD Asbestos Enforcement Trends
FFY09 - FFY18**



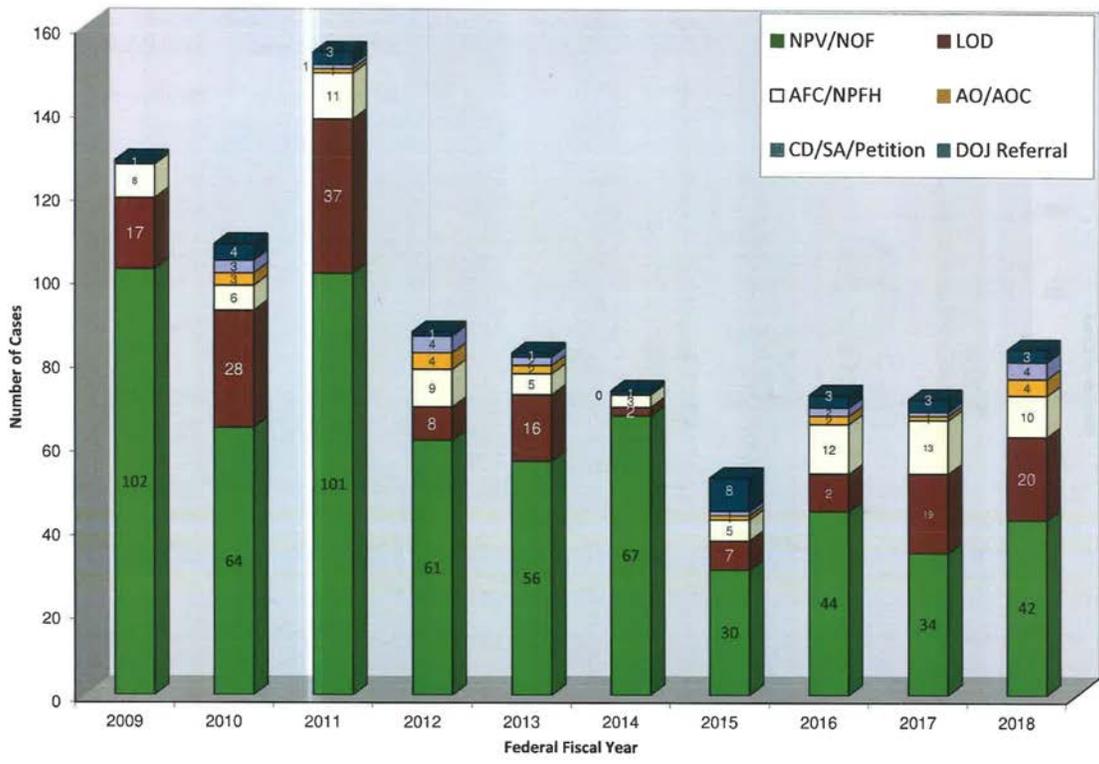
ARD Stationary Source Enforcement Trends
FFY09 - FFY18



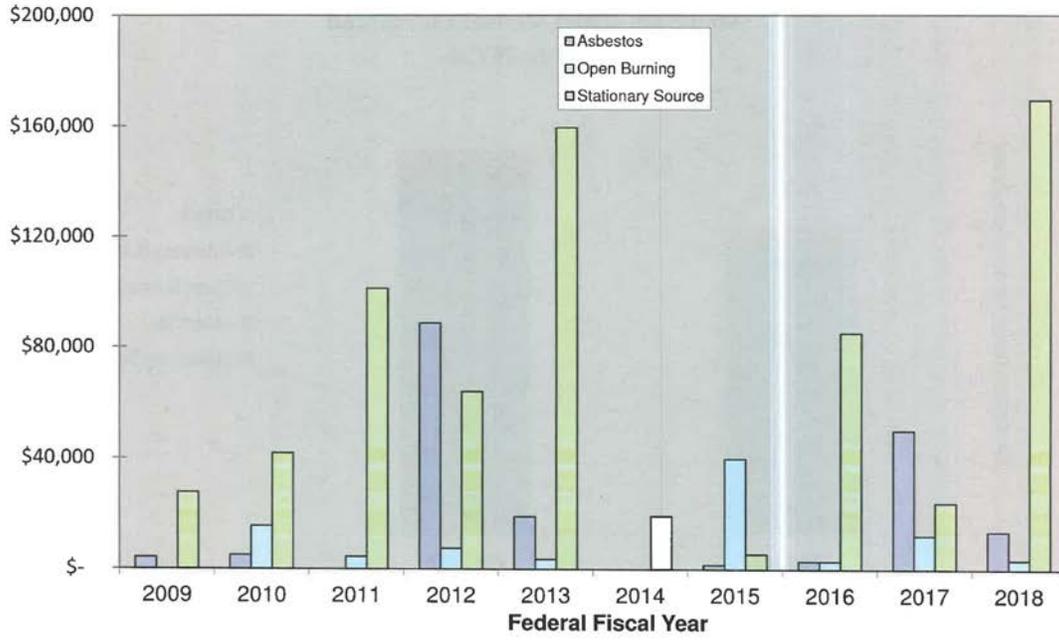
**ARD Enforcement Trends by Violation Type
FFY09 - FFY18**



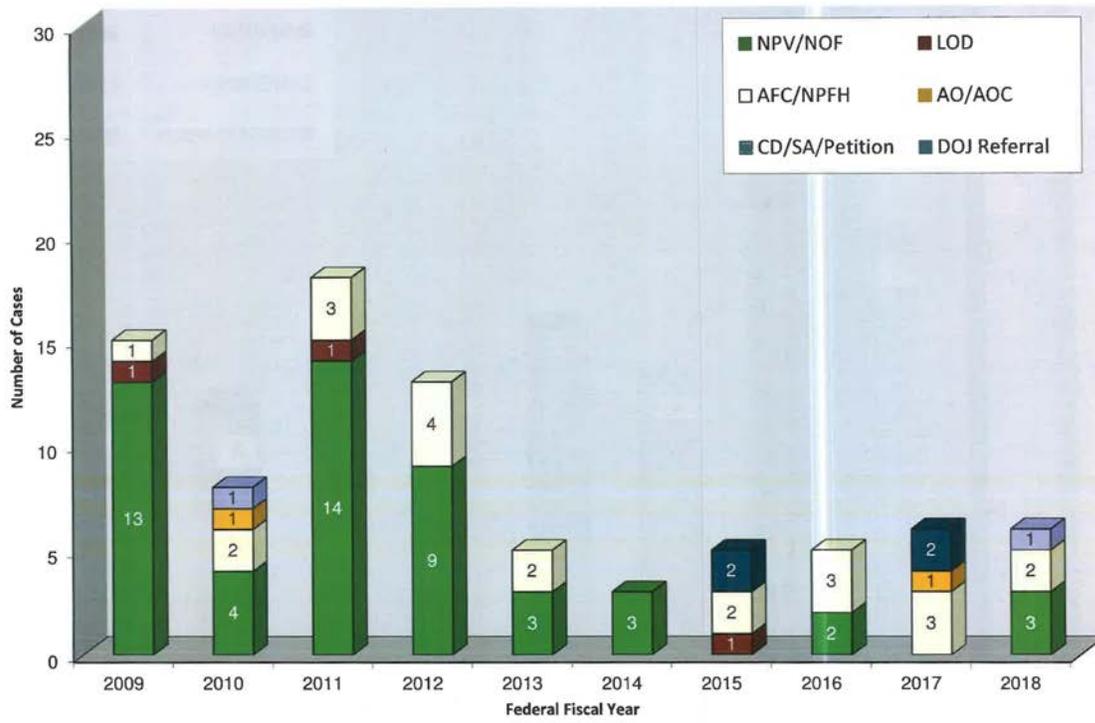
**ARD Enforcement Trends by Action Type
FFY09 - FFY18**

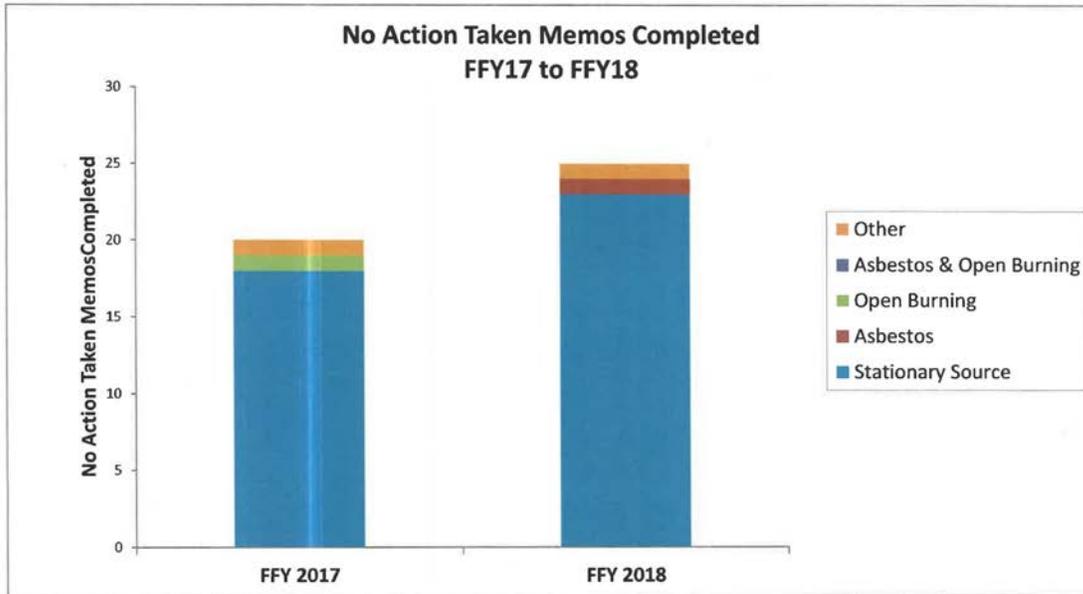


**Fines and Penalties Assessed
FFY 2009 - 2018**



ARD Open-Burning Enforcement Trends FFY09 - FFY18





New Business:

There was no new business to report.

Public Commentary:

Janet Ward from Hopkinton asked Chair Robert Duval if he had concerns across the board in reference for other toxins not only that go into the air, but the ones for our water and ground as well. Chair Robert Duval assured Ms. Ward that yes he does, not only himself but the whole Air Resources Council is concerned.

Adjourn: Having no further business to discuss, Chairman Robert Duval suggested a motion to adjourn, moved by Kris Nils Blomback and, seconded by Georgia Murray. All were in favor. Meeting #255 of the Air Resources Council adjourned at 10:46 a.m. on Monday, November 19, 2018.

11753
Air Resources Division
Department of Energy
Public Power Division

As directed by the Board of Air Resources
Division of the Department of Energy
Public Power Division
The following information is being provided
to you for your information and use.
If you have any questions, please contact
the Public Power Division at (916) 227-1111.

2020 Air Quality Index Report for the Fresno County Area Fresno, California

The Air Quality Index (AQI) is a scale used to report daily air quality. It is based on the concentration of six major air pollutants: ground-level ozone, particulate matter, carbon monoxide, nitrogen dioxide, sulfur dioxide, and lead. The AQI is a scale from 0 to 500, with 0 being the best and 500 being the worst. The AQI is used to help people understand the health risks associated with air pollution and to take appropriate actions to protect their health.