



# **Enforcement and Compliance Assurance Annual Results for Fiscal Year 2017**

**U.S. Environmental Protection Agency  
Office of Enforcement and Compliance Assurance  
Washington, DC 20460**

**Published: February 8, 2018**



An official website of the United States government.



## News Releases from Headquarters › Enforcement and Compliance Assurance (OECA)

### EPA Announces 2017 Annual Environmental Enforcement Results

02/08/2018

Contact Information:

EPA Press Office ([press@epa.gov](mailto:press@epa.gov))

**WASHINGTON (February 8, 2018)** – The U.S. Environmental Protection Agency (EPA) today announced its Fiscal Year (FY) 2017 annual enforcement and compliance results, highlighting site remediation and civil and criminal enforcement results.

“A strong enforcement program is essential to achieving positive health and environmental outcomes,” **said Assistant Administrator of the Office of Enforcement and Compliance Assurance (OECA) Susan Bodine**. “In fiscal year 2017, we focused on expediting site cleanup, deterring noncompliance, and returning facilities to compliance with the law, while respecting the cooperative federalism structure of our nation’s environmental laws.”

#### Highlights of EPA’s FY 2017 enforcement accomplishments include:

- An increase in the value of commitments by private parties to clean up sites to more than \$1.2 billion.
- An increase in the environmental benefits of EPA Superfund and RCRA Corrective Action enforcement, with commitments to address an estimated 20.5 million cubic yards of contaminated soil and 412 million cubic yards of contaminated water.
- An increase in the total of criminal fines, restitution, and mitigation to \$2.98 billion.
- An increase in the years of incarceration resulting from EPA’s criminal enforcement actions to 150 years.
- An increase in the value of actions taken to improve compliance with the law and reduce pollution, to nearly \$20 billion.
- \$1.6 billion in administrative and civil judicial penalties, higher than any of the previous 10 years other than FY 2016, which included the \$5.7 billion BP action.

States and tribes are often authorized to be the primary implementers of federal environmental law. Accordingly, the overwhelming majority of EPA’s enforcement actions are taken in programs that are: (1) not delegable to the state or a federally-recognized tribe; (2) in states or tribes that have not sought authorization to implement a delegable program; or (3) in states or tribes that do not have the resources, expertise, or the will to take action, or that seek assistance from the Agency — and all of these actions are taken in coordination with the states or tribes. As a result, in FY 2017, EPA continued the trend of reducing the number of individual

federal inspections and federal enforcement actions. These numbers do not count informal actions or EPA assistance with state enforcement actions.

Looking forward, EPA is developing new measures to help focus the enforcement program on returning facilities to compliance by setting goals to reduce the time between the identification of an environmental law violation and its correction and to increase environmental law compliance rates. Also, EPA is developing measures to fully capture all the enforcement and compliance assistance work the Agency undertakes by tracking informal, as well as formal, enforcement and compliance actions and support to states.

#### **Notable FY17 Enforcement Cases:**

- Volkswagen AG agreed to pay a \$2.8 billion criminal fine to settle allegations that it used illegal software to cheat emissions tests to sell approximately 590,000 diesel vehicles and avoid Clean Air Act compliance. In a separate civil resolution of Clean Air Act claims, Volkswagen agreed to pay \$1.45 billion in civil penalties.
- EPA filed a complaint against FCA US LLC, Fiat Chrysler Automobiles N.V., V.M. Motori S.p.A., and V.M. North America, Inc. alleging nearly 104,000 light duty diesel vehicles are equipped with software functions that were not disclosed to regulators during the certification application process, and that the vehicles contain defeat.
- Tyson Poultry Inc., the nation's largest chicken producer, pleaded guilty in federal court to two criminal charges for violating the Clean Water Act that stemmed from discharges at its facility in Monett, Missouri. Under the terms of the plea agreement, Tyson Poultry Inc. agreed to pay a \$2 million criminal fine and serve two years of probation.
- Whole Foods Market voluntarily disclosed to EPA that it may not have consistently made sufficient hazardous waste determinations on discarded consumer products. Under a settlement with EPA, Whole Foods will pay a \$500,000 civil penalty and spend \$2.75 million to perform a supplemental environmental project to protect children's health by replacing older fluorescent lighting fixtures that contain polychlorinated biphenyls in public schools and community centers serving children located in low to moderate income areas.
- Under a settlement with the U.S. Department of Justice and EPA, StarKist Co. and its subsidiary, Starkist Samoa Co., agreed to make a series of upgrades to reduce wastewater pollution, improve safety measures, and comply with important federal environmental laws at their tuna processing facility in American Samoa. Under the agreement, StarKist will pay a \$6.5 million penalty and provide emergency response equipment to American Samoa for use in responding to chemical releases. The agreement will help prevent hazardous releases at the StarKist facility, protect workers and the local community, and reduce pollution discharges by more than 13 million pounds each year.
- The United States reached a settlement agreement with a third party to conduct response actions at three parcels within the Middlefield-Ellis-Whisman Superfund study area in Mountain View, California, allowing a redevelopment project to go forward.

More information on EPA's FY 2017 enforcement results:

<https://www.epa.gov/enforcement/enforcement-annual-results-fiscal-year-2017>



An official website of the United States government.



## Enforcement Annual Results for Fiscal Year 2017

[Overview](#)

[Case Map](#)

[Numbers at a Glance](#)

[Regional Results](#)

[Analysis and Trends](#)

EPA's enforcement and compliance results for 2017 demonstrate the Agency's progress in working with federal, state and tribal partners to expand environmental compliance and enforce the rule of law.

Discussion of 2017 accomplishments and highlights of specific cases:

EPA's enforcement program is helping carry out Administrator Pruitt's goal of expediting the remediation of contaminated sites by reinvigorating cleanup efforts by potentially responsible parties and encouraging private investment to facilitate cleanup and reuse. In FY 2017, the value of commitments by private parties to clean up sites increased to more than \$1.2 billion. In FY 2017, the environmental benefits of EPA Superfund and RCRA Corrective Action enforcement also increased, with commitments to address an estimated 20.5 million cubic yards of contaminated soil and 412 million cubic yards of contaminated water.

EPA also entered into agreements with third parties to do work at Superfund sites. For example, in July 2017, the United States reached a settlement agreement with a third party to conduct response actions at three parcels within the Middlefield-Ellis-Whisman Superfund study area in Mountain View, California so that the properties will meet standards that are protective for residential redevelopment.

EPA is increasing the deterrent effect of EPA's enforcement program through criminal enforcement actions to address the most egregious cases. In FY 2017, environmental criminals were required to pay a total of \$2.98 billion in fines, restitution, and mitigation, and were sentenced to serve over 150 years in jail. These include a \$2.8 billion criminal fine paid by Volkswagen to settle allegations that it used illegal software to cheat emissions tests and avoid Clean Air Act compliance. Under the terms of a plea agreement, Tyson Poultry Inc. has agreed to pay a \$2 million criminal fine (and serve two years of probation) resulting from a September 2017 guilty plea to two criminal charges of violating the Clean Water Act.

EPA is finding ways to maximize the effectiveness of its civil enforcement actions to return facilities to compliance. In FY 2017, EPA enforcement actions resulted in requirements for companies to invest nearly \$20 billion in actions and equipment to control pollution. These actions will result in the proper management of approximately 245 million pounds of hazardous waste and commitments to reduce, treat, or eliminate an estimated 217 million pounds of other pollutants.

EPA's civil enforcement actions also deter future violations and ensure a level playing field for the regulated community by assessing penalties, including penalties to cover the economic benefit of noncompliance. In FY 2017, EPA assessed nearly \$1.6 billion in federal administrative and civil judicial penalties. EPA continues to hold federal agencies to the same standards as the private sector, assessing over \$2.5 million in penalties at federal facilities in FY 2017.

FY 2017 civil penalties include a \$1.45 billion Clean Air Act penalty in the Volkswagen case. EPA is continuing to address mobile source Clean Air Act violations. In May 2017, EPA filed a complaint against FCA US LLC, Fiat Chrysler Automobiles N.V., V.M. Motori S.p.A., and V.M. North America, Inc. alleging violations similar to those in the Volkswagen case, affecting nearly 104,000 light duty diesel vehicles.

EPA's civil enforcement actions are strategic to maximize compliance results, not the number of individual actions. For example, in July 2017 EPA signed a consent decree to settle potential violations related to a company's chemical risk management responsibilities, including a penalty of just under \$1 million to recognize the company's voluntary actions and cooperation. By using audits and a requirement to correct any violations found, this consent decree will lead to compliance at 28 facilities in 18 states. With this one case EPA is generating high-value results in communities across the country.

States and tribes are often authorized to be the primary implementers of federal environmental law.

Accordingly, the overwhelming majority of EPA's enforcement actions are taken in programs that are: (1) not delegable to the state or a federally-recognized tribe; (2) in states or tribes that have not sought authorization to implement a delegable program; or (3) in states or tribes that do not have the resources, expertise, or the will to take action, or that seek assistance from the Agency—and all of these actions are taken in coordination with the states or tribes. As a result, in FY 2017, EPA continued the trend of reducing the number of individual federal inspections and federal enforcement actions. These numbers do not count informal actions or EPA assistance with state enforcement actions.

Looking forward, EPA is developing new measures to help focus the enforcement program on returning facilities to compliance by setting goals to reduce the time between the identification of an environmental law violation and its correction and to increase environmental law compliance rates. EPA also is developing measures to fully capture all the enforcement and compliance assistance work the Agency undertakes by tracking informal, as well as formal, enforcement and compliance actions and support to states.

## **FY 2017 Enforcement Highlights:**

- Further information on the Middlefield-Ellis-Whisman Superfund settlement agreement is available [here](#).
- Further information on EPA's actions against Volkswagen AG (VW) is available [here](#).
- Further information on EPA's complaint against FCA US LLC, Fiat Chrysler Automobiles N.V., V.M. Motori S.p.A., and V.M. North America, Inc. is available [here](#).
- Further information on EPA's actions against Tyson Poultry Inc. is available [here](#).
- Further information on the settlement agreement with Harcros Chemicals Inc. to address 28 facilities in 18 states is available [here](#).
- Under a settlement with EPA, the Department of Justice, and the Texas Commission on Environmental Quality, [Vopak Terminal Deer Park Inc.](#) and [Vopak Logistics Services USA, Inc.](#) agreed to strengthen air pollution controls and compliance with federal and state clean air laws at their chemical storage terminal and wastewater treatment facility in Deer Park, Texas. Vopak also will pay a penalty of \$2.5 million. The agreement improves air quality in the Houston area.
- [Whole Foods Market](#) voluntarily disclosed to EPA that it may not have consistently made sufficient hazardous waste determinations on discarded consumer products. Under a settlement with EPA, Whole Foods will pay a \$500,000 civil penalty and spend \$2.75 million to perform a supplemental environmental project to protect children's health by replacing older fluorescent lighting fixtures that contain polychlorinated biphenyls (PCBs) in public schools and community centers serving children located in low to moderate income areas.

- Under a settlement with the U.S. Department of Justice and EPA, [StarKist Co. and its subsidiary, Starkist Samoa Co.](#), agreed to make a series of upgrades to reduce wastewater pollution, improve safety measures, and comply with important federal environmental laws at their tuna processing facility in American Samoa. Under the agreement, StarKist will pay a \$6.5 million penalty and provide emergency response equipment to American Samoa for use in responding to chemical releases. The agreement will help prevent hazardous releases at the StarKist facility, protect workers and the local community, and reduce pollution discharges by more than 13 million pounds each year.
- In one of several sentences related to a conspiracy involving [Gen-X Energy Group, Inc.](#), Richard Estes of Renton, Washington, was sentenced for Conspiracy to Commit Money Laundering. Between March of 2013 and May of 2014, Estes and his co-conspirators laundered the proceeds of schemes to (1) falsely claim the production of marketable renewable energy credits; and (2) file false claims for refunds of excise credits with the IRS. Estes was sentenced to a term of imprisonment of 105 months. In addition, Estes was ordered to pay \$4,360,724.50 in restitution to the taxpayers of the United States.
- Working with the Department of the Interior, an EPA investigation led to a conviction of [Black Elk Energy Offshore Operations LLC](#) (BEE) on eight felony violations of the Outer Continental Shelf Lands Act (OCSLA) and one misdemeanor count of violating the Clean Water Act. The charges stemmed from events causing an explosion in November 2012 on an offshore oil production platform that resulted in the deaths of three workers and injuries to several others.

### **Progress on our National Enforcement Initiatives:**

- Reducing Air Pollution from the Largest Sources
- Cutting Hazardous Air Pollutants
- [Ensuring Energy Extraction Activities Comply with Environmental Laws](#)
- [Reducing Risks of Accidental Releases at Industrial and Chemical Facilities](#) (New initiative for FY17-19)
- [Reducing Hazardous Air Emissions from Hazardous Waste Facilities](#) (New initiative for FY17-19)
- [Keeping Raw Sewage and Contaminated Stormwater Out of Our Nation's Waters](#)
- [Preventing Animal Waste from Contaminating Surface and Ground Water](#)
- [Keeping Industrial Pollutants Out of the Nation's Waters](#) (New initiative for FY17-19)

LAST UPDATED ON JANUARY 10, 2020



An official website of the United States government.



## Enforcement Annual Results Concluded Cases Map for Fiscal Year 2017

Overview

Case Map

Numbers at a Glance

Regional Results

Analysis and Trends

### Concluded EPA Enforcement Cases Map

This interactive map shows information on concluded enforcement actions and cases from fiscal year (FY) 2017. They include:

- civil enforcement actions taken by EPA at facilities,
- criminal cases prosecuted by EPA under federal statutes and the U.S. Criminal Code, and
- cases in which EPA provided significant support to cases prosecuted under state criminal laws

Does not include:

- state civil cases or civil cases where EPA provide significant support to a state

The indicators on the map generally mark the location of the site or facility where the violations occurred or were discovered.

### How to Use the Map

The map displays all FY 2017 EPA enforcement actions. Add or subtract one or more layers (e.g. Air Water, Criminal) from the map by clicking on the “Layers” menu in the gray box beside the map. Check or un-check the box next to the program layer of interest.

Zoom the map to an exact location. Enter a city and state in the search box, then press the [Enter] key on your keyboard or use the zoom bar in the map's upper left corner. Click on the indicator to get information on the environmental enforcement case. See ["What are the limitations of interactive maps?" for additional information and needs accommodations related to a disability.](#)

**Find address or place: Enter city and state. Press [Enter] on your keyboard.**



ABORTED

- Cleanup cases are civil enforcement actions taken under the Superfund program and the RCRA corrective action and leaking underground storage tank programs.
- Criminal enforcement cases include those prosecuted by EPA under federal statutes, the U.S. Criminal Code (Title 18), and cases in which EPA provided significant support to cases prosecuted under state criminal laws.
- Federal - Includes federal agencies and contractors at federal facilities.



## Civil Enforcement Cases Not Represented on this Map

State	City	Facility Site Name	Primary Law	FRS/Program ID	Case ID Record
NY	Lockport	Heather Woods (Formerly Woodlands Phase II Expansion)	CWA	<a href="#"><u>110055181422</u></a>	<a href="#"><u>02-2011-0016</u></a>
NJ	Harrison Township	Bella Vista	CWA	<a href="#"><u>110070071727</u></a>	<a href="#"><u>02-2011-0016</u></a>
NJ	East Greenwich Township	Greenwich Crossing	CWA	<a href="#"><u>110070071730</u></a>	<a href="#"><u>02-2011-0016</u></a>
NJ	Middleton	Harmony Glen	CWA	<a href="#"><u>110070071731</u></a>	<a href="#"><u>02-2011-0016</u></a>
NJ	Barnegat Township	High Point	CWA	<a href="#"><u>110070071733</u></a>	<a href="#"><u>02-2011-0016</u></a>
NJ	Oldmans	Lennox	CWA	<a href="#"><u>110070071736</u></a>	<a href="#"><u>02-2011-0016</u></a>
NJ	Sussex County	Rolling Hills	CWA	<a href="#"><u>110070071738</u></a>	<a href="#"><u>02-2011-0016</u></a>
NJ	Little Egg Harbor	Winding Run	CWA	<a href="#"><u>110070071741</u></a>	<a href="#"><u>02-2011-0016</u></a>
NY	Town of Clarence	Waterford Commons	CWA	<a href="#"><u>110070071759</u></a>	<a href="#"><u>02-2011-0016</u></a>
NJ		Country Woods	CWA	<a href="#"><u>NJU000907</u></a>	<a href="#"><u>02-2011-0016</u></a>

VA	Chesapeake	Sunray Artesian Water Supply	SDWA	<a href="#"><u>110012835352</u></a>	<a href="#"><u>03-2017-0049</u></a>
MD	Chesapeake	Tender Years Child Care	SDWA	<a href="#"><u>110051942412</u></a>	<a href="#"><u>03-2017-0136</u></a>
DE	Chesapeake	Forest Park	SDWA	<a href="#"><u>110010718606</u></a>	<a href="#"><u>03-2017-0154</u></a>
OH	Salem	Nease Chemical Site	CERCLA	<a href="#"><u>110069553101</u></a>	<a href="#"><u>05-2016-1020</u></a>
OH	Westlake	Talp, Inc.	CWA	<a href="#"><u>110070132334</u></a>	<a href="#"><u>05-2017-0018</u></a>
IN	Shelbyville	Shelby County Cooperative	FIFRA	<a href="#"><u>110058779754</u></a>	<a href="#"><u>05-2017-0040</u></a>
MN	Wabasso	Meadowland Farmers Cooperative	FIFRA	<a href="#"><u>110064843530</u></a>	<a href="#"><u>05-2017-0055</u></a>
MN	Holloway	Western Consolidated Co-op	FIFRA	<a href="#"><u>110070071973</u></a>	<a href="#"><u>05-2017-0056</u></a>
IL	Tovey	Christian County Farmers Supply Co.	FIFRA	<a href="#"><u>110038248189</u></a>	<a href="#"><u>05-2017-0073</u></a>
WI	Germantown	Isle of Dogs Corporation	FIFRA	<a href="#"><u>110070107417</u></a>	<a href="#"><u>05-2017-0154</u></a>
MI	Lake Linden	Calumet Stampmill	CERCLA	<a href="#"><u>110067350627</u></a>	<a href="#"><u>05-2017-1000</u></a>
IL	Cutler	Village of Cutler	SDWA	<a href="#"><u>110070044922</u></a>	<a href="#"><u>05-2017-4608</u></a>
IL	Rantoul	Fountain Valley Mobile Home Park	SDWA	<a href="#"><u>110070044779</u></a>	<a href="#"><u>05-2017-4609</u></a>
IL	Meredosia	Illinois Road Contractors, Inc.	CAA	<a href="#"><u>110070052413</u></a>	<a href="#"><u>05-2017-7411</u></a>

MI	River Rouge	EES Coke Battery, LLC	CWA	<a href="#"><u>110070071874</u></a>	<a href="#"><u>05-2017-7423</u></a>
MN	Brownsville Township	CP Brownsville Derailment	CWA	<a href="#"><u>110068583535</u></a>	<a href="#"><u>05-2017-7432</u></a>
MI	River Rouge	EES Coke Battery, LLC	CWA	<a href="#"><u>110070071874</u></a>	<a href="#"><u>05-2017-7434</u></a>
OK	Cromwell	Cromwell Station	CWA	<a href="#"><u>110045687075</u></a>	<a href="#"><u>06-2010-4881</u></a>
TX	San Antonio	Weatherford Satx Hub	RCRA	<a href="#"><u>110054868149</u></a>	<a href="#"><u>06-2016-0937</u></a>
TX		RRA Hinds Wildcat Water System	SDWA	<a href="#"><u>110012898695</u></a>	<a href="#"><u>06-2016-1202</u></a>
NM		Pine River MDCA	SDWA	<a href="#"><u>110049069681</u></a>	<a href="#"><u>06-2016-1227</u></a>
		Pine River MDCA-Treatment Unit	SDWA	<a href="#"><u>110053523415</u></a>	<a href="#"><u>06-2016-1227</u></a>
LA	Offshore	Manila Village Commingling Facility NO. 1	CWA	<a href="#"><u>110064082852</u></a>	<a href="#"><u>06-2016-4810</u></a>
LA	Offshore	Caillou Island Tank Battery NO. 8 Facility	CWA	<a href="#"><u>110064068690</u></a>	<a href="#"><u>06-2016-4817</u></a>
GM	USA	Thunder Horse - The Mississippi Canyon 778	RCRA	<a href="#"><u>110070101497</u></a>	<a href="#"><u>06-2017-0905</u></a>
GM	USA	Na Kika - Mississippi Canyon 474	RCRA	<a href="#"><u>110070101498</u></a>	<a href="#"><u>06-2017-0905</u></a>
GM	USA	Mad Dog - Green Canyon 782	RCRA	<a href="#"><u>110070101499</u></a>	<a href="#"><u>06-2017-0905</u></a>
GM	USA	Horn Mountain - Mississippi Canyon 127	RCRA	<a href="#"><u>110070101500</u></a>	<a href="#"><u>06-2017-0905</u></a>

GM	USA	Atlantis - Green Canyon 787	RCRA	<a href="#"><u>110070101501</u></a>	<a href="#"><u>06-2017-0905</u></a>
GM	USA	DD II - Green Canyon 787	RCRA	<a href="#"><u>110070101502</u></a>	<a href="#"><u>06-2017-0905</u></a>
GM	USA	Enterprise - Mississippi Canyon 777	RCRA	<a href="#"><u>110070101503</u></a>	<a href="#"><u>06-2017-0905</u></a>
LA	New Orleans	U.S. Coast Guard Base	RCRA	<a href="#"><u>110044921207</u></a>	<a href="#"><u>06-2017-0949</u></a>
TX	New Orleans	Twin Oaks MHP Midland	SDWA	<a href="#"><u>110013226749</u></a>	<a href="#"><u>06-2017-1204</u></a>
NM	New Orleans	Oasis State Park	SDWA	<a href="#"><u>110050966308</u></a>	<a href="#"><u>06-2017-1210</u></a>
NM	New Orleans	PECOS National Historic Park Visitor CNT	SDWA	<a href="#"><u>110051016770</u></a>	<a href="#"><u>06-2017-1220</u></a>
TX	New Orleans	Whitharral WSC	SDWA	<a href="#"><u>110013242829</u></a>	<a href="#"><u>06-2017-1221</u></a>
TX	New Orleans	Ellinger Sewer and WSC	SDWA	<a href="#"><u>110012930515</u></a>	<a href="#"><u>06-2017-1223</u></a>
TX	New Orleans	City of Opdyke West	SDWA	<a href="#"><u>110013242525</u></a>	<a href="#"><u>06-2017-1225</u></a>
NM	Grants	San Meteo Creek Basin Legacy Uranium	CERCLA	<a href="#"><u>110033604188</u></a>	<a href="#"><u>06-2017-2959</u></a>
OK	Shamrock	Shamrock Consolidated Tank Battery	CWA	<a href="#"><u>110069723687</u></a>	<a href="#"><u>06-2017-4303</u></a>
OK	Barnsdall	Barnsdall Lact Unit	CWA	<a href="#"><u>110069723516</u></a>	<a href="#"><u>06-2017-4304</u></a>
OK	Konowa	NW Allen Thurman Sands Unit	CWA	<a href="#"><u>110070028659</u></a>	<a href="#"><u>06-2017-4310</u></a>

OK	Barnsdall	Barnsdall Facility	CWA	<u>110070067648</u>	<u>06-2017-4316</u>
OK	Skiatook	Letteer Estate Tank Battery	CWA	<u>110070079910</u>	<u>06-2017-4323</u>
LA	Offshore	Clovelly Central Facility	CWA	<u>110045689938</u>	<u>06-2017-4801</u>
IA	Albia	Relco Locomotives Inc.	RCRA	<u>110024544000</u>	<u>07-2017-0071</u>
KS		Mitchell CO RWD 1	SDWA	<u>110012945929</u>	<u>07-2017-0161</u>
KS	Woodbine	City of Woodbine	SDWA	<u>110013747856</u>	<u>07-2017-0162</u>
KS	Elk City	City of Elk	SDWA	<u>110012942049</u>	<u>07-2017-0223</u>
KS	Pittsburg	2nd and Smelter	CERCLA	<u>110067352705</u>	<u>07-2017-0467</u>
WY	Big Piney	Daniels Mobile Home Park	SDWA	<u>110010688988</u>	<u>08-2017-0001</u>
CO	Kersey 9.4 MI. E of	Noble Energy - Wells Ranch USX AE31-99HZ	CAA	<u>110046385611</u>	<u>08-2017-0003</u>
CO	Kersey 12.2 MI. NE of	Noble Energy - Degenhart State AE16-63HN	CAA	<u>110046467612</u>	<u>08-2017-0003</u>
CO	Greeley 7.5 MI. NE of	Noble Energy - Richter AB 27-65HN	CAA	<u>110055575792</u>	<u>08-2017-0003</u>
CO	Kersey 7.5 MI. NE of	Noble Energy - Wells Ranch USX 35-65HN	CAA	<u>110055600666</u>	<u>08-2017-0003</u>
CO	Raymer 12.9 MI. N of	Noble Energy - Caster PC LA 36-68HN #415833405	CAA	<u>110055600693</u>	<u>08-2017-0003</u>

CO	Eaton 9.1 MI. E of	Noble Energy- Letterly USX AB23-99HZ	CAA	<a href="#"><u>110055608882</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Greeley 10.6 MI. NE of	Noble Energy INC. - Wahlert AC33-63HN	CAA	<a href="#"><u>110055619941</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Eaton 12.0 MI. E of	Noble Energy - Jones T7N-R63W-S6 L01	CAA	<a href="#"><u>110061084348</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Greeley 11.1 MI. NE of	Noble Energy - Ramirez AC29-72HN #415832840	CAA	<a href="#"><u>110064518990</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	EATON 9.0 MI. E OF	Noble Energy - Furrow State USX AB16-62-1HNL +	CAA	<a href="#"><u>110064522574</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	RAYMER 11.7 MI. NW OF	Noble Energy - Timbro LC12-78HN	CAA	<a href="#"><u>110064523163</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Eaton 14.8 MI. E of	Noble Energy - Ball Ranch AC04-72HN #415839233	CAA	<a href="#"><u>110064523984</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Kersey 10.2 MI. NE of	Noble Energy - Wells Ranch USX AA11-67HN	CAA	<a href="#"><u>110064528701</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Eaton 14.2 MI. NE of	Noble Energy - Kern GW17-78HN #415836851	CAA	<a href="#"><u>110064531868</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Eaton 13.5 MI. E of	Noble Energy - Jones AC05-65HN	CAA	<a href="#"><u>110064531877</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Kersey 12.3 MI. NE of	Noble Energy - Crow Creek Econode	CAA	<a href="#"><u>110064535702</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Raymer 8.4 MI. NW of	Noble Energy - LC25 Econode	CAA	<a href="#"><u>110069327106</u></a>	<a href="#"><u>08-2017-0003</u></a>
CO	Raymer 9.1 MI. NW of	Noble Energy - LC 34 Econode	CAA	<a href="#"><u>110069329168</u></a>	<a href="#"><u>08-2017-0003</u></a>

WY		Exxon Mobil - Shute Creek Gas Plant	CAA	<u>110050854081</u>	<u>08-2017-0024</u>
WY		Lodgepole Housing Water System	SDWA	<u>110012924755</u>	<u>08-2017-0026</u>
UT	Park City	Uintah Mining District	CERCLA	<u>110067035470</u>	<u>08-2017-0030</u>
WY		Arlee	SDWA	<u>110012922926</u>	<u>08-2017-0031</u>
WY		Devils Tower View	SDWA	<u>110050779421</u>	<u>08-2017-0036</u>
WY		Flat Creek RV Park	SDWA	<u>110050765294</u>	<u>08-2017-0037</u>
WY		BABB Water System	SDWA	<u>110012919574</u>	<u>08-2017-0038</u>
WY		Camp Paintrock	SDWA	<u>110050771562</u>	<u>08-2017-0043</u>
WY		Lone Tree Village MHP	SDWA	<u>110047029309</u>	<u>08-2017-0045</u>
WY		Ox Yoke Ranch	SDWA	<u>110050869182</u>	<u>08-2017-0046</u>
WY		Hall's Glendo Marina	SDWA	<u>110050852859</u>	<u>08-2017-0049</u>
WY		Lame Deer Water System	SDWA	<u>110012925282</u>	<u>08-2017-0050</u>
WY		Ciricle J Ranch	SDWA	<u>110050870036</u>	<u>08-2017-0054</u>
WY		South Pass city Historical Site	SDWA	<u>110050788019</u>	<u>08-2017-0061</u>
WY	Rawlins	City of Rawlins Water Supply	SDWA	<u>110013034260</u>	<u>08-2017-0062</u>

CO	Quray	Camp Bird Mine	CERCLA	<u>110067039047</u>	<u>08-2017-0067</u>
WY		Jackson Hole Campground	SDWA	<u>110050870465</u>	<u>08-2017-0078</u>
WY		Grand Teton Park RV Resort	SDWA	<u>110050826512</u>	<u>08-2017-0079</u>
WY		Mitch's Cafe	SDWA	<u>110050794967</u>	<u>08-2017-0086</u>
WY	Etna	ETNA Water & Sewer District	SDWA	<u>110013032609</u>	<u>08-2017-0092</u>
WY		Red Rock Ranch	SDWA	<u>110050771483</u>	<u>08-2017-0094</u>
WY		MHVC Sage CG	SDWA	<u>110050819389</u>	<u>08-2017-0095</u>
WY	Big Piney	Daniels Mobile Home Park	SDWA	<u>110010688988</u>	<u>08-2017-0098</u>
WY		Med Bow NF-S Brush CR CG-Upper	SDWA	<u>110050571378</u>	<u>08-2017-0100</u>
WY		MED.BOW NF-S Brush CR CG-Lower	SDWA	<u>110050571341</u>	<u>08-2017-0101</u>
WY	Manville	Town of Manville	SDWA	<u>110013035349</u>	<u>08-2017-0102</u>
WY		Fort Washakie	SDWA	<u>110012927645</u>	<u>08-2017-0103</u>
WY		Flying X Ranch Mobile HM Park		<u>110050578013</u>	<u>08-2017-0123</u>
WY	Jackson	Snake River Mobile Home Park	SDWA	<u>110010675732</u>	<u>08-2017-0124</u>
WY		Uriah Heeps Spring Water System		<u>110012927137</u>	<u>08-2017-0125</u>



UT	Whiterocks	Whiterocks	SDWA	<a href="#"><u>110012927208</u></a>	<a href="#"><u>08-2017-0126</u></a>
WY		Teton High Adventure Base	SDWA	<a href="#"><u>110050588752</u></a>	<a href="#"><u>08-2017-0129</u></a>
WY		Seminole Boat Club, Inc.	SDWA	<a href="#"><u>110050893832</u></a>	<a href="#"><u>08-2017-0130</u></a>
WY	Cowley	Town of Cowley	SDWA	<a href="#"><u>110012839508</u></a>	<a href="#"><u>08-2017-0131</u></a>
WY		Sleeping Giant Ski Area	SDWA	<a href="#"><u>110050765338</u></a>	<a href="#"><u>08-2017-0132</u></a>
CA	CABAZON	Banaire Radium Trailers	CERCLA	<a href="#"><u>110055211355</u></a>	<a href="#"><u>09-2014-2510</u></a>
AZ	PRESCOTT	Southwest Forest IND Wood Treatment PLT	CERCLA	<a href="#"><u>110013806471</u></a>	<a href="#"><u>09-2016-2510</u></a>
AZ	FLAGSTAFF	Section 9 Lease Aum Site	CERCLA	<a href="#"><u>110045521397</u></a>	<a href="#"><u>09-2017-2501</u></a>
AZ	WINDOW ROCK	Aum Navajo Freeport	CERCLA	<a href="#"><u>110067352992</u></a>	<a href="#"><u>09-2017-2506</u></a>
CA	COLUSA	J R Simiplot CO	FIFRA	<a href="#"><u>110038244539</u></a>	<a href="#"><u>09-2017-4002</u></a>
CA	TRAYER	J R Simiplot Company	FIFRA	<a href="#"><u>110058290790</u></a>	<a href="#"><u>09-2017-4002</u></a>
CA	TERRA BELLA	J R Simiplot Company	FIFRA	<a href="#"><u>110067095636</u></a>	<a href="#"><u>09-2017-4002</u></a>
AZ	CAMERON	Dzil LIBEI Elementary School	SDWA	<a href="#"><u>110011788002</u></a>	<a href="#"><u>09-2017-6002</u></a>

LAST UPDATED ON JANUARY 10, 2020





An official website of the United States government.



## Enforcement Annual Results Numbers at a Glance for Fiscal Year 2017

[Overview](#)

[Case Map](#)

[Numbers at a Glance](#)

[Regional Results](#)

[Analysis and Trends](#)

### Accomplishments

The following is a list of key results of compliance and enforcement activities.

#### Civil Enforcement Results

Results	Concluded Cases
Pollution Reduced, Treated or Eliminated (Pounds)	217,000,000
Hazardous Waste Treated, Minimized, or Properly Disposed of (Pounds)	245,000,000
Contaminated Soil to be Cleaned Up (Cubic Yds)	21,000,000
Contaminated Water to be Cleaned Up (Cubic Yds)	412,000,000
Stream Miles Restored or Created (Linear Feet)	18,500
Wetlands Restored or Created (Acres)	100
People Protected by Safe Drinking Water Act Enforcement (# of People)	416,000

<b>Results</b>	<b>Concluded Cases</b>
Toxic Material Abated (# Housing Units, Schools, Buildings)	17
Volume (gallons) of Untreated Discharge Eliminated	8,000,000,000
Emission Prevented from CAA Mobile Sources (pounds)	122,000
Hazardous Waste Prevented from Release (Pounds)	2,400,000
Extremely Hazardous Substances Properly Controlled (Pounds)	200,000,000
Liquid in Underground Storage Tanks Prevented from Release (Gallons)	2,000,000
Underground Injection Wells Prevented from Leaking (# of Wells)	74
Toxic Substance Contamination Prevented (# of Housing Units, Schools, Buildings)	11
Volume of Oil Spills Prevented (in Gallons)	143,000,000
Toxic Chemicals and Pesticides Prevented from Misuse/Environmental Release (Pounds)	2,400,000
Stream Miles Preserved (Linear Feet)	42,000
Wetlands Preserved (Acres)	120

#### Civil Enforcement Monetary Commitments

<b>Monetary Commitments from Concluded Cases</b>	<b>Commitment</b>
Estimated Value of Complying Actions to be Taken in Response to EPA's Concluded Enforcement Actions (Injunctive Relief)	\$20,000,000,000
Estimated Investments in Projects that Benefit the Environment and Public Health (Supplemental Environmental Projects)	\$17,000,000
Administrative Penalties Assessed	\$48,000,000
Judicial Penalties Assessed	\$1,584,000,000

<b>Monetary Commitments from Concluded Cases</b>	<b>Commitment</b>
State/Local Judicial Penalties Assessed From Joint Federal-State/Local Enforcement Actions	\$6,800,000
Stipulated Penalties Paid	\$5,000,000

#### Superfund Cleanup Enforcement

<b>Superfund Cleanup</b>	<b>Commitment</b>
Amount Committed by Liable Parties to Clean up Superfund Sites	\$1,227,000,000
Amount Committed by Liable Parties to Pay for Government Oversight of Superfund Cleanups	\$99,000,000
Amount Committed by Liable Parties to Reimburse the Government for Money Spent Cleaning up Superfund Sites	\$142,600,000
** See <a href="#">Cleanup Enforcement Program Accomplishments</a>	

#### Civil Enforcement and Compliance Activities

<b>Activities</b>	<b>Results</b>
Referrals of Civil Judicial Enforcement Cases to Department of Justice (DOJ)	110
Supplemental Referrals of Civil Judicial Enforcement Cases to DOJ	5
Civil Judicial Complaints Filed with Court	80
Civil Judicial Enforcement Case Conclusions	100
Administrative Penalty Order Complaints	1,220
Final Administrative Penalty Orders	1,260
Administrative Compliance Orders	600

Activities	Results
Cases with Supplemental Environmental Projects	90
Inspections/Evaluations	11,750
Civil Investigations	40

#### Criminal Enforcement Program

Activities	Results
Environmental Crime Cases Opened	115
Defendants Charged	139
Years of Incarceration	153
Fines and Restitution	\$2,977,000,000
Value of Court Ordered Environmental Projects	\$3,000,000
** <a href="#">See Criminal Enforcement Major Case Highlights</a>	

\*\* National Environmental Policy Act (NEPA) Program - See [NEPA Program Annual Results](#)

Where necessary to reflect EPA's understanding of the precision of the data, numbers in this document and elsewhere on this Web site have been rounded to two or three significant digits.

The primary source for the data displayed in this document are the official databases of record which are:

- Integrated Compliance Information System (ICIS)
- Criminal Case Reporting System
- Resource Conservation and Recovery Act Information (RCRAInfo)
- SEMs
- Compass (the Agency's official accounting system.)
- Manual Data Submission

LAST UPDATED ON JANUARY 10, 2020



- [Overview](#)
- [Case Map](#)
- [Numbers at a Glance](#)
- [Regional Results](#)
- [Analysis and Trends](#)

## Accomplishments by EPA Region

EPA's regional offices work with state and tribal governments to ensure compliance with our nation's environmental laws. Our civil and criminal enforcement actions are focused on the most serious water, air and chemical hazards including those identified in EPA's national enforcement initiatives and advance environmental justice by protecting overburdened communities.

To see results of EPA's enforcement work in our regional areas, select your state from the list or map below to go to your state's EPA regional enforcement results.


Select a Link

After you select a link, press go to jump to that link.

Alabama - Region 4

▼

Go

Map of the US, split into EPA regions

### EPA Region 1

Serving Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont

#### Accomplishments:

Civil Cases	
Estimated pollution reduced, treated or eliminated (pounds) <sup>1</sup>	711,000
Estimated hazardous waste treated, minimized, or properly disposed of (pounds) <sup>1 7</sup>	
Estimated contaminated soil/debris to be cleaned up (cubic yards)	3,816,000
Estimated contaminated water/aquifer to be cleaned up (cubic yards)	890,000
Enforcement Activities	
Case initiations	88
Case conclusions	92

[Top of page](#)

### EPA Region 2

Serving New Jersey, New York, Puerto Rico, and the U.S. Virgin Islands.



## Accomplishments:

### Civil Cases

Estimated pollution reduced, treated or eliminated (pounds) <sup>1</sup>	109,635,000
Estimated hazardous waste treated, minimized, or properly disposed of (pounds) <sup>1</sup>	243,333,000
Estimated contaminated soil/debris to be cleaned up (cubic yards)	6,036,000
Estimated contaminated water/aquifer to be cleaned up (cubic yards)	119,476,000

### Enforcement Activities

Case initiations	290
Case conclusions	291

[Top of page](#)

## EPA Region 3

Serving Delaware, the District of Columbia, Maryland, Pennsylvania, Virginia, and West Virginia.

## Accomplishments:

### Civil Cases

Estimated pollution reduced, treated or eliminated (pounds) <sup>1</sup>	4,088,000
Estimated hazardous waste treated, minimized, or properly disposed of (pounds) <sup>1</sup>	134,000
Estimated contaminated soil/debris to be cleaned up (cubic yards)	886,000
Estimated contaminated water/aquifer to be cleaned up (cubic yards)	85,701,000

### Enforcement Activities

Case initiations	171
Case conclusions	180

[Top of page](#)

## EPA Region 4

Serving Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee

## Accomplishments:

### Civil Cases

Estimated pollution reduced, treated or eliminated (pounds) <sup>1</sup>	16,740,000
Estimated hazardous waste treated, minimized, or properly disposed of (pounds) <sup>1</sup>	87,000
Estimated contaminated soil/debris to be cleaned up (cubic yards)	1,988,000
Estimated contaminated water/aquifer to be cleaned up (cubic yards)	2,156,000

### Enforcement Activities

Case initiations	278
------------------	-----

[Top of page](#)

## EPA Region 5

Serving Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

### Accomplishments:

#### Civil Cases

Estimated pollution reduced, treated or eliminated (pounds) <sup>1</sup>	38,984,000
Estimated hazardous waste treated, minimized, or properly disposed of (pounds) <sup>1</sup>	1,312,000
Estimated contaminated soil/debris to be cleaned up (cubic yards)	1,542,000
Estimated contaminated water/aquifer to be cleaned up (cubic yards)	4,026,000

#### Enforcement Activities

Case initiations	254
Case conclusions	256

[Top of page](#)

## EPA Region 6

Serving Arkansas, Louisiana, New Mexico, Oklahoma, and Texas

### Accomplishments:

#### Civil Cases

Estimated pollution reduced, treated or eliminated (pounds) <sup>1</sup>	5,585,000
Estimated contaminated water/aquifer to be cleaned up (cubic yards)	19,000

#### Enforcement Activities

Case initiations	296
Case conclusions	303

[Top of page](#)

## EPA Region 7

Serving Iowa, Kansas, Missouri, and Nebraska.

### Accomplishments:

#### Civil Cases

Estimated pollution reduced, treated or eliminated (pounds) <sup>1</sup>	5,218,000
Estimated hazardous waste treated, minimized, or properly disposed of (pounds) <sup>1</sup>	679,000
Estimated contaminated soil/debris to be cleaned up (cubic yards)	60,000
<b>Enforcement Activities</b>	
Case initiations	164
Case conclusions	164

[Top of page](#)

## EPA Region 8

Serving Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

### Accomplishments:

#### Civil Cases

Estimated pollution reduced, treated or eliminated (pounds) <sup>1</sup>	29,495,000
Estimated contaminated soil/debris to be cleaned up (cubic yards)	4,224,000
Estimated contaminated water/aquifer to be cleaned up (cubic yards) <sup>24</sup>	

#### Enforcement Activities

Case initiations	115
Case conclusions	100

[Top of page](#)

## EPA Region 9

Serving Arizona, California, Hawaii, Nevada, American Samoa, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Guam, Marshall Islands, and Republic of Palau.

### Accomplishments:

#### Civil Cases

Estimated pollution reduced, treated or Eliminated (pounds) <sup>1</sup>	3,310,000
Estimated hazardous waste treated, minimized, or properly disposed of (pounds) <sup>1</sup>	23,000
Estimated contaminated soil/debris to be cleaned up (cubic yards)	2,000,000
Estimated contaminated water/aquifer to be cleaned up (cubic yards)	200,121,000

#### Enforcement Activities

Case initiations	89
Case conclusions	90

[Top of page](#)

# EPA Region 10

Serving Alaska, Idaho, Oregon, and Washington.

## Accomplishments:

### Civil Cases

Estimated pollution reduced, treated or eliminated (pounds) <sup>1</sup>	993,000
Estimated contaminated soil/debris to be cleaned up (cubic yards)	4,000
Estimated contaminated water/aquifer to be cleaned up (cubic yards)	65

### Enforcement Activities

Case initiations	156
Case conclusions	152

[Top of page](#)

---

Sources for Data displayed in this document: Integrated Compliance Information System (ICIS), Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS).



An official website of the United States government.



## **Enforcement Annual Results Analysis and Trends for Fiscal Year 2017**

[Overview](#)

[Case Map](#)

[Numbers at a Glance](#)

[Regional Results](#)

[Analysis and Trends](#)

### **Analysis and Trends**

The links below show our progress in meeting performance targets and the trends in our enforcement results.

**[Government Performance and Results Act \(GPRA\)](#)**

### **Superfund Enforcement Results**

**[Cleanup Commitments](#)**

### **Civil Enforcement Results**

**[Volume of Contaminated Soil and Water to be Cleaned Up](#)**

### **Criminal Enforcement Results**

**[Value of Fines and Restitution and Court Ordered Environmental Projects](#)**

**[Environmental Crime Cases Opened, Defendants Charged and Sentencing Results – Years of Incarceration](#)**

## **Civil Enforcement Results**

**Estimated Value of Administrative and Civil Judicial Complying Actions (Injunctive Relief)**

**Hazardous Waste Treated, Minimized or Properly Disposed**

**Commitments to Reduce, Treat or Eliminate Pollution**

**Administrative and Civil Judicial Penalties Assessed**

## **Other Civil Enforcement Results**

**Federal Inspections and Evaluations**

**Civil Enforcement Case Initiations and Conclusions**

**Supplemental Environmental Projects**

## **Single Document Containing All Charts and Graphs**

You may need a PDF reader to view some of the files on this page. See EPA's [About PDF page](#) to learn more.

- [FY17 Enforcement Annual Results Data Graphs \(PDF\)](#) (14 pp, 444 K, February 8, 2018)

LAST UPDATED ON JANUARY 10, 2020

U.S. EPA ARCHIVE DOCUMENT



# **Fiscal Year 2017 EPA Enforcement and Compliance Annual Results**

**Prepared by the Office of Enforcement and Compliance Assurance  
U.S. Environmental Protection Agency**

**February 8, 2018**



# FY 2017 Enforcement and Compliance Annual Results

## Table of Contents

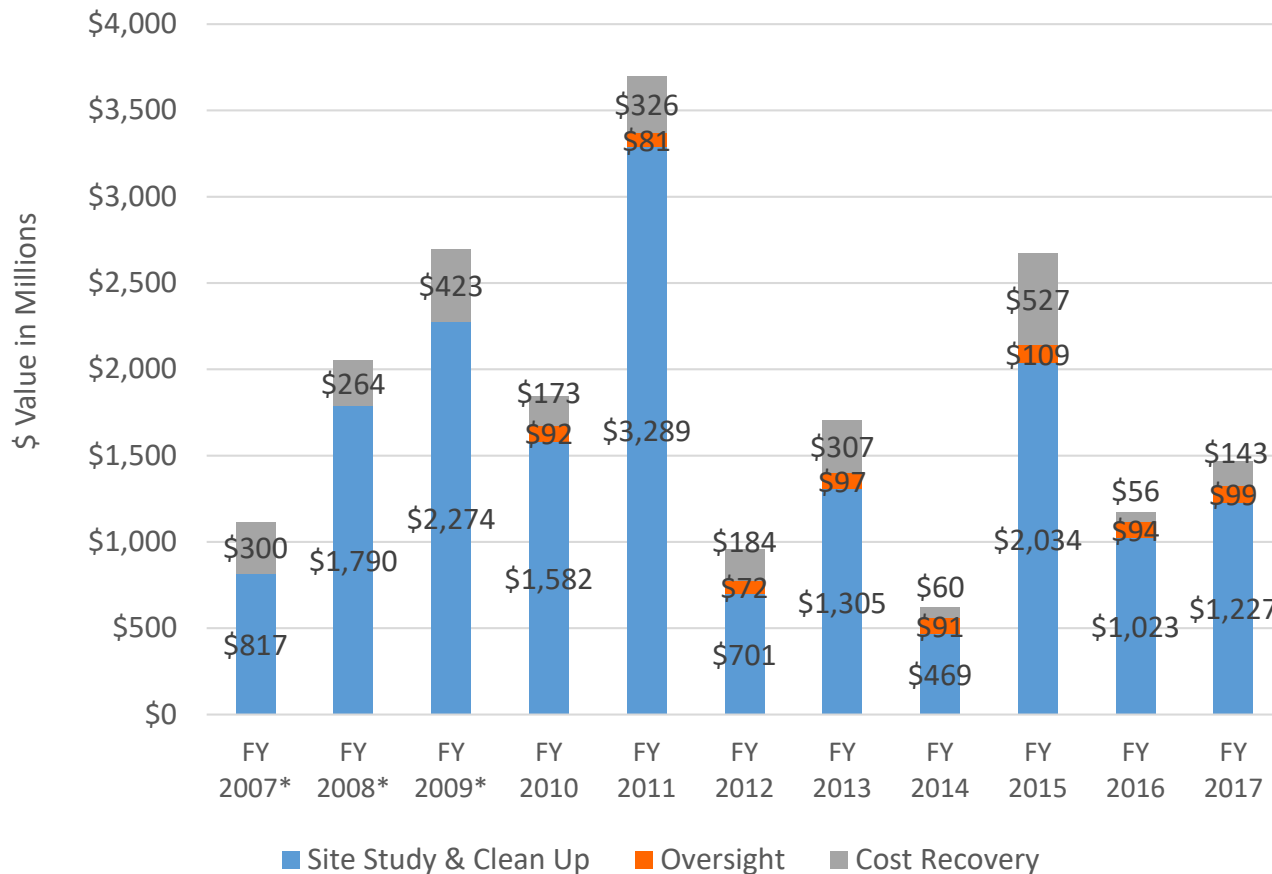


<b><u>TABLE OF CONTENTS</u></b>	<b><u>PAGE</u></b>
<b>Superfund Enforcement Results</b>	
Cleanup Commitments	3
<b>Civil Enforcement Results</b>	
Volume of Contaminated Soil and Water to be Cleaned Up	4
<b>Criminal Enforcement Results</b>	
Value of Fines and Restitution and Value of Court Ordered Environmental Projects	5
Environmental Crime Cases Opened, Defendants Charged, and Sentencing Results - Years of Incarceration	6
<b>Civil Enforcement Results</b>	
Estimated Value of Administrative and Civil Judicial Complying Actions (Injunctive Relief)	7
Hazardous Waste Treated, Minimized, or Properly Disposed	8
Commitments to Reduce, Treat or Eliminate Pollution	9
Administrative and Civil Penalties Assessed	10
<b>Other Civil Enforcement Results</b>	
Federal Inspections and Evaluations	11
Civil Enforcement Case Initiations and Conclusions	12
Supplemental Environmental Projects	13
<b>Acronyms and Descriptions for Statutes/Sections</b>	<b>14</b>

# FY 2017 Enforcement and Compliance Annual Results

## Superfund Results

FY 2007 – FY 2017



➤ Consistent with EPA's renewed focus on Superfund cleanup, in FY 2017, private parties committed to spend more than \$1.2 billion on new site cleanup. Responsible parties also agreed to reimburse \$142.6 million of EPA's past costs from clean up work at Superfund sites. Additionally, EPA billed parties \$99 million for oversight.

➤ Annual totals for both cleanup and cost recovery settlements are often strongly influenced by the existence of one or two extremely large cases that involve complex cleanups.

❖ For example, FY 2011 was a record-setting year for the Superfund enforcement program as a result of the \$2.1 billion Hudson River consent decree.

### Notes

1. Totals include "allowed claims" under bankruptcy settlements.
2. These results do not include commitments made for activities at Federally-owned or operated facilities.
3. Prior FY dollars are adjusted to reflect current FY 2017 dollars based on the rate of inflation/deflation determined by the U.S. Department of Labor Consumer Price Index for All Urban Consumers.
4. Dollar figures referenced in the bullets are nominal values. They are **not** adjusted to reflect inflation/deflation.

\* Amounts billed for Oversight were not reported as part of end-of-year results prior to FY 2010.

Data Source for Cleanup and Cost Recovery: FY16/17 Superfund Enterprise Management System (SEMS); FY14/15 Manual Reporting; FY07-FY13 Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS).

Data Source for Oversight: Compass Business Objects Reporting (CBOR)

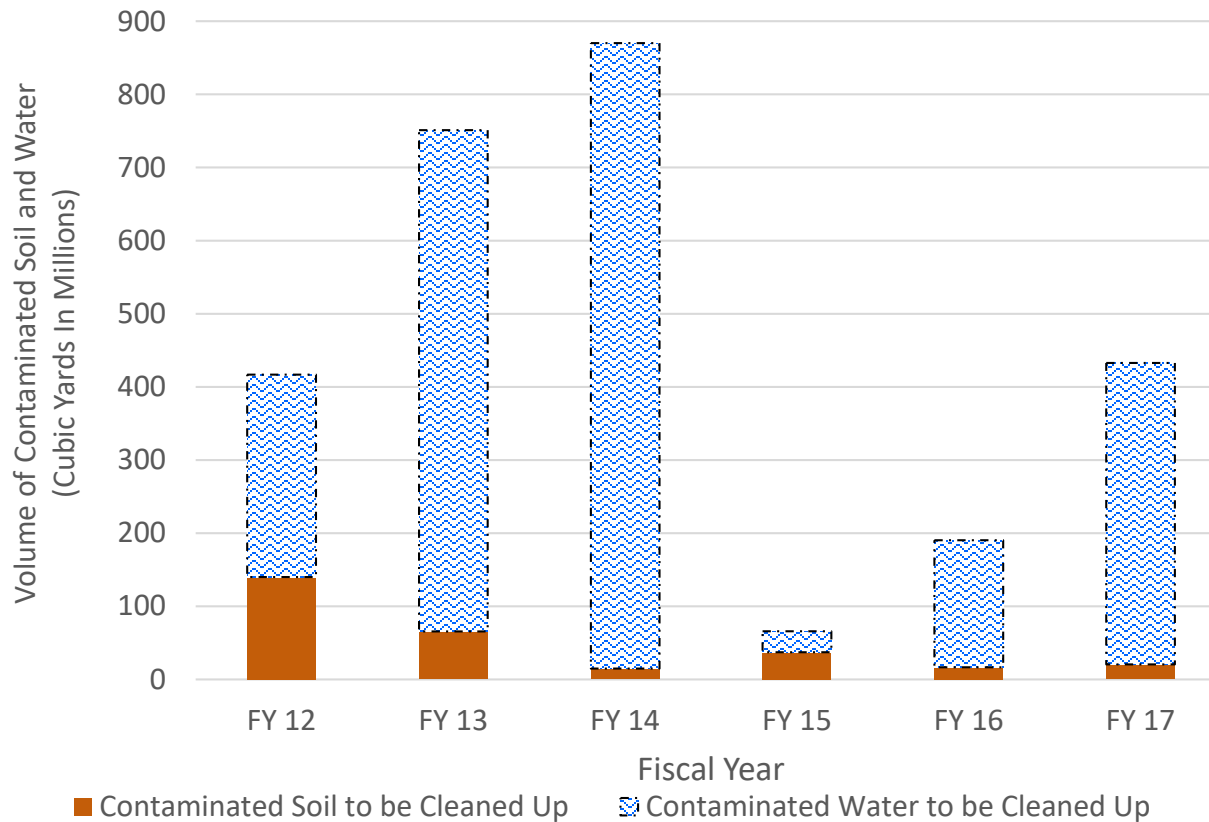
U.S. Environmental Protection Agency



# FY2017 Enforcement and Compliance Annual Results

## Estimated Environmental Benefits

### Volume of Contaminated Soil and Water to be Cleaned Up as a Result of CERCLA and RCRA Corrective Action FY 2012 – FY 2017



- In FY 2017, the Agency obtained commitments for remediation of an estimated 20.5 million cubic yards of contaminated soil and 412 million cubic yards of contaminated water as a result of CERCLA and RCRA Corrective Action enforcement.
- Annual totals of soil and water to be cleaned up are often strongly influenced by the existence of one or two extremely large cases.
  - ❖ For example, in FY 2013 and FY 2014 three big cases accounted for the majority of the soil and water to be cleaned up.

#### Notes

1. EPA did not report volumes of soil and water to be cleaned up for CERCLA and RCRA Corrective Action cases as part of the end-of-year results prior to FY 2012.
2. The total volume includes commitments for actions at Federally-owned or operated facilities.

Data Source: Integrated Compliance Information System (ICIS)

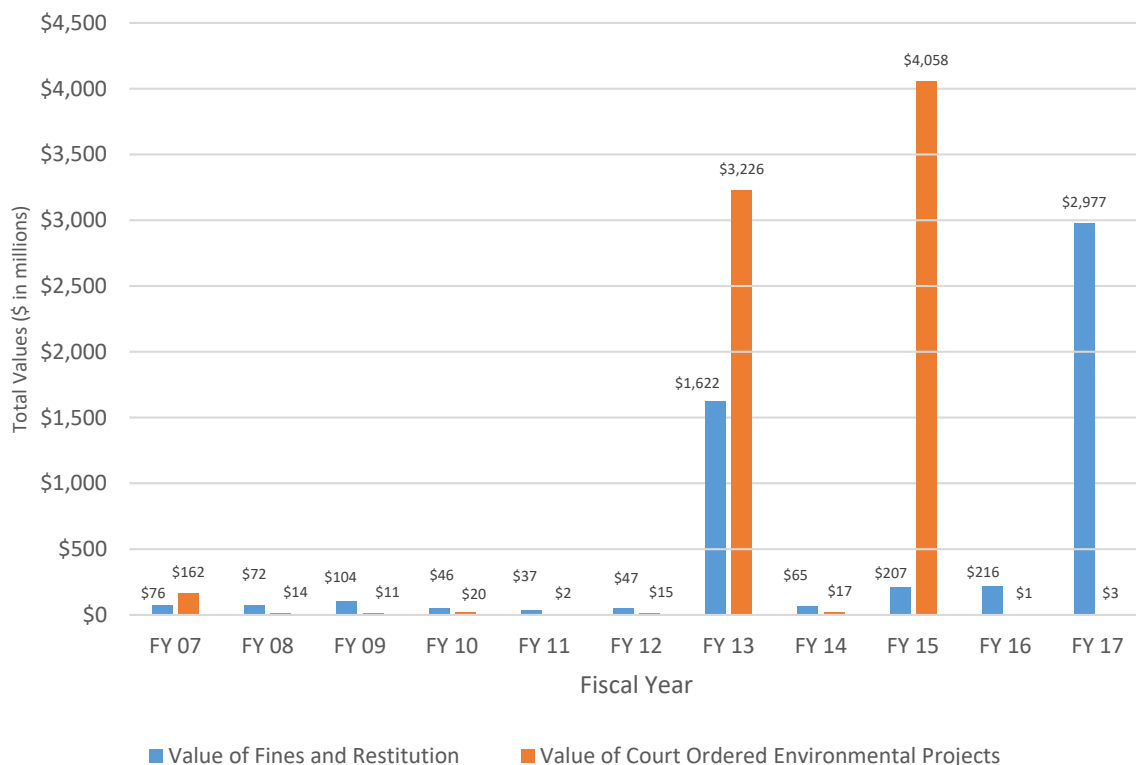


# FY 2017 Enforcement and Compliance Annual Results

## Criminal Enforcement

### Value of Fines and Restitution and Court Ordered Environmental Projects

FY 2007 – FY 2017



➤ In FY 2017, the total of criminal fines, restitution, and court ordered projects was \$2.98 billion.

➤ Annual totals for criminal enforcement are often directly influenced by the existence of one or two extremely large cases.

- ❖ BP in FY 2013,
- ❖ Duke Energy in FY 2015, and
- ❖ Volkswagen in FY 2017.

➤ Criminal fines and restitution punish misconduct, deter other violators, and along with court ordered environmental projects, help to remedy the harm caused by the criminal conduct.

#### Notes

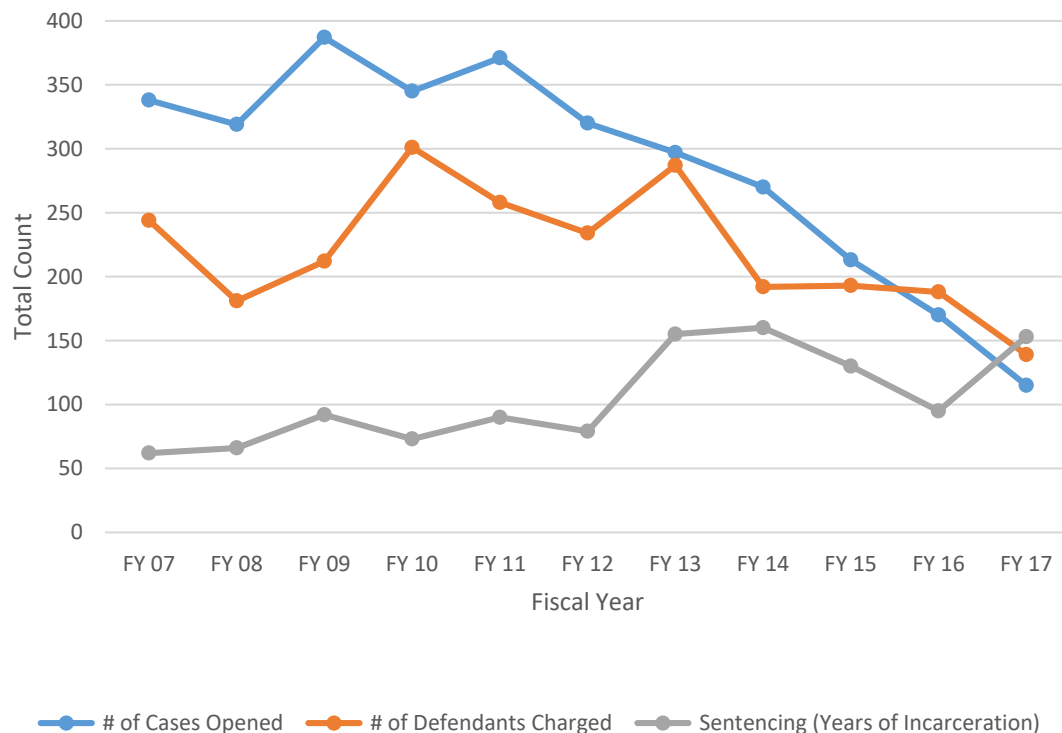
1. All prior FY dollar figures in this report are adjusted to reflect the current value in FY 2017 dollars based on the monthly rate of inflation/deflation as determined by the U.S. Department of Labor Consumer Price Index for All Urban Consumers.

Data Source: Criminal Case Reporting System



# FY 2017 Enforcement and Compliance Annual Results

## Criminal Enforcement Environmental Crime Cases Opened, Defendants Charged, and Sentencing Results (Years of Incarceration) FY 2007 – FY 2017



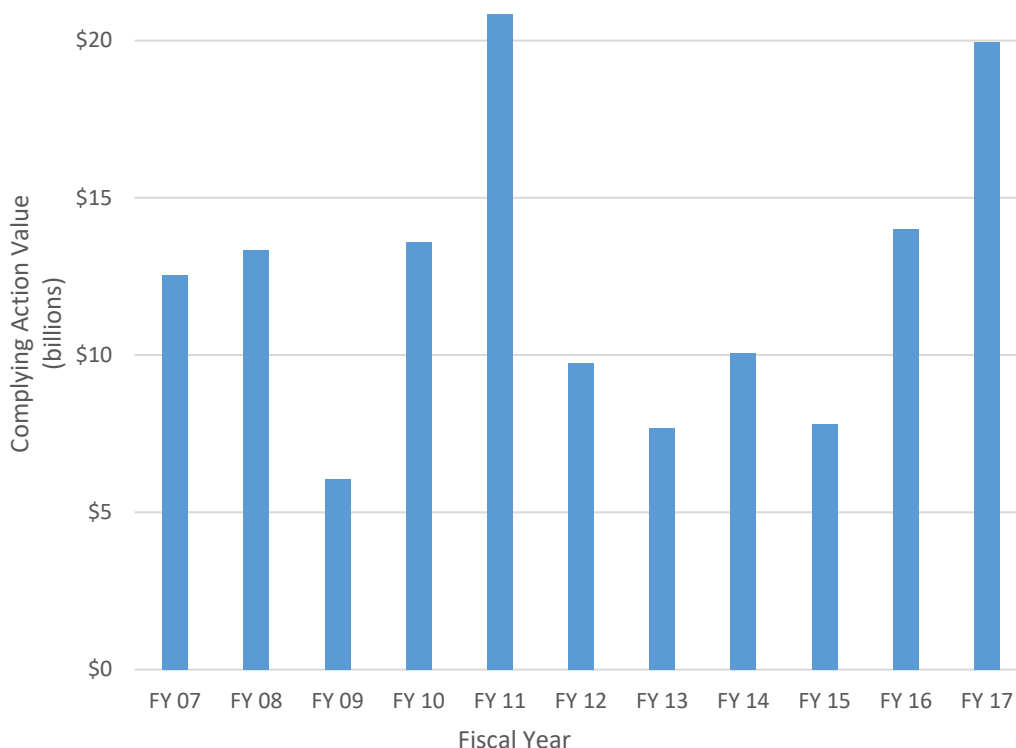
- In FY 2017, the criminal program continued to focus on complex cases that involve a serious threat to human health and the environment or that undermine program integrity.
- Since FY 2013, there has been an increase in the years of incarceration due to renewable fuels fraud prosecutions.

Data Source: Criminal Case Reporting System

# FY 2017 Enforcement and Compliance Annual Results

## Estimated Value of Administrative and Civil Judicial Complying Actions

(Injunctive Relief)  
FY 2007 – FY 2017



➤ In FY 2017, EPA enforcement actions required companies to invest nearly \$20 billion in actions and equipment to control pollution (injunctive relief.)

➤ Annual totals for injunctive relief are often strongly influenced by the existence of one or two extremely large cases.

❖ In FY 2017, the actions with the largest injunctive relief investments include two Clean Air Act-Mobile Source settlements with Volkswagen (\$15.9 billion in total injunctive relief).

❖ The large injunctive relief value achieved in FY 2011 includes the \$5 billion TVA action.

### Notes

1. Injunctive relief requires a regulated entity to perform, or refrain from performing, some designated action. It also brings the entity into compliance with environmental laws.
2. The total injunctive relief value reflects EPA enforcement actions, including Superfund cases involving Federally-owned or operated facilities.
3. All prior FY dollar figures in the graph are adjusted to reflect the current value in FY 2017 dollars based on the monthly rate of inflation/deflation as determined by the U.S. Department of Labor Consumer Price Index for All Urban Consumers.
4. Dollar figures referenced in the bullets are nominal values. They are **not** adjusted to reflect inflation/deflation.

Data Source: Integrated Compliance Information System (ICIS)

2/8/2018

U.S. Environmental Protection Agency

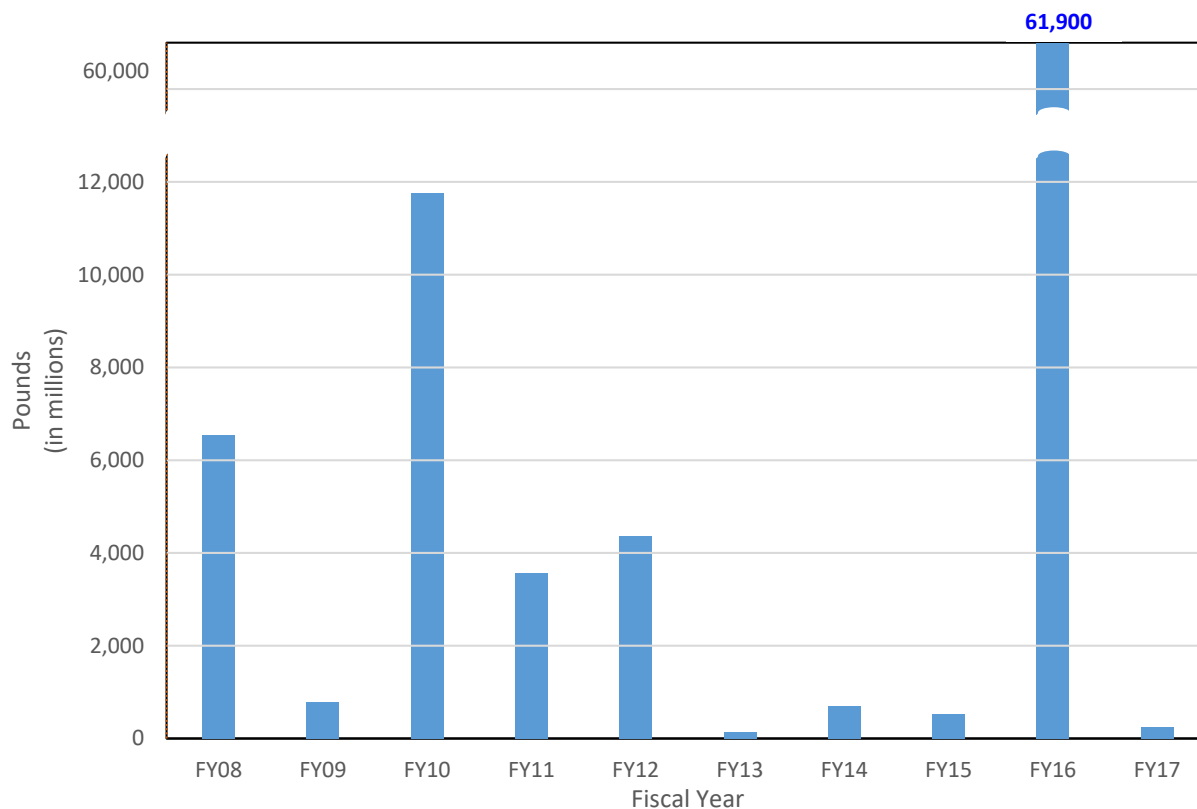


# FY2017 Enforcement and Compliance Annual Results

## Estimated Environmental Benefits

### Hazardous Waste Treated, Minimized, or Properly Disposed

FY 2008 – FY 2017



➤ In FY 2017, EPA enforcement actions required companies to commit to treat, minimize, or properly dispose of an estimated 245 million pounds of hazardous waste.

➤ Annual totals for environmental benefits are often strongly influenced by the existence of one or two extremely large cases.

❖ In FY 2017, Municipality of Toa Alta committed to treat, minimize, or properly dispose of an estimated 199 million pounds of hazardous waste.

❖ In FY 2016, the IMC Phosphates Co. (Mosaic Fertilizer), a RCRA case, accounted for over 99% of the hazardous waste total of 62 billion pounds.

Data Source: Integrated Compliance Information System (ICIS)

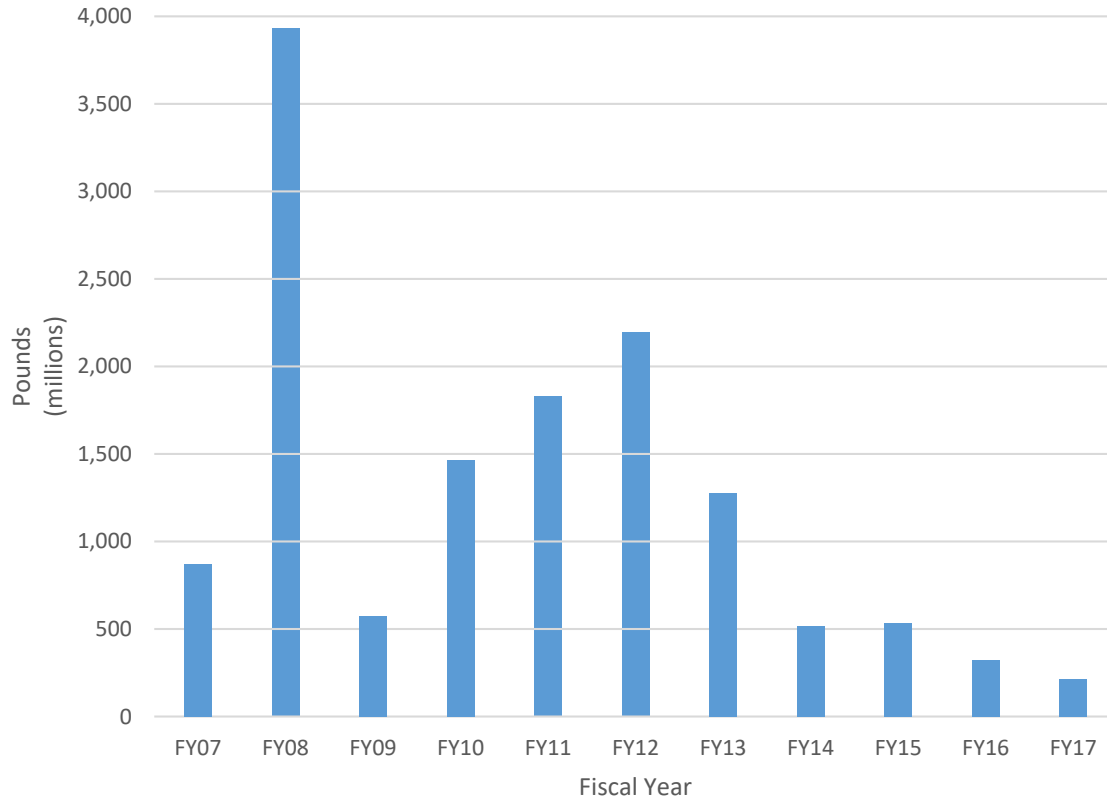


# FY 2017 Enforcement and Compliance Annual Results

## Estimated Environmental Benefits

### Commitments to Reduce, Treat, or Eliminate Pollution (Air, Toxics, and Water)

FY 2007 – FY 2017



- In FY 2017, EPA enforcement actions required companies to commit to reduce, treat, or eliminate pollution by an estimated 217 million pounds per year.
- The estimated environmental benefits in past years came from largely conventional pollution emissions from coal fired power plants and municipal waste water systems. EPA addressed the largest of these systems first, so later cases in these sectors generally involved less pollution. In recent years we have increased our focus on reducing toxic pollution, which involves more toxic pollutants in smaller amounts.

#### Notes

1. Pounds of hazardous waste reduced are **not** included in this Environmental Benefits graph. They are reflected on a separate graph.

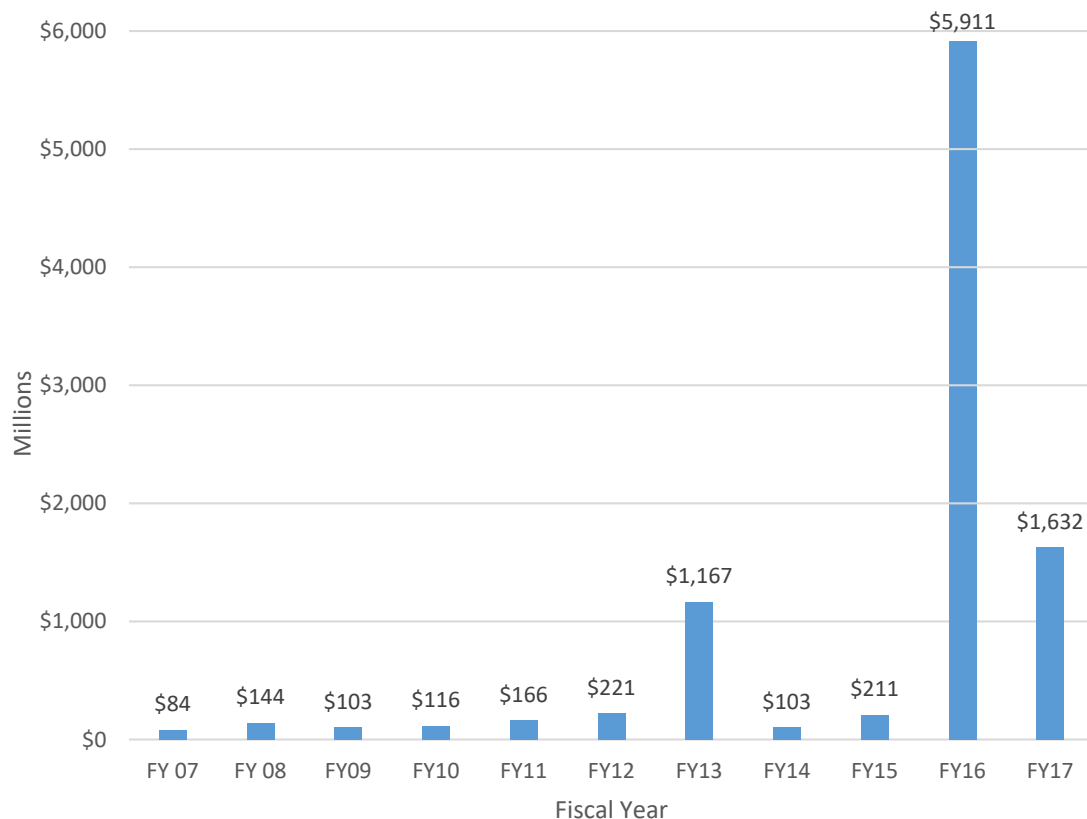
Data Source: Integrated Compliance Information System (ICIS)



# FY 2017 Enforcement and Compliance Annual Results

## Administrative and Civil Judicial Penalties Assessed

### FY 2007 – FY 2017



➤ In FY 2017, EPA assessed nearly \$1.6 billion in federal administrative and civil judicial penalties.

➤ Annual total penalties assessed are often strongly influenced by the existence of one or two extremely large cases.

❖ The FY 2017 results were dominated by the record-setting \$1.45 billion Clean Air Act – Mobile Source penalty in the Volkswagen case.

❖ The large penalty value achieved in FY 2016 includes the \$5.7 billion BP action.

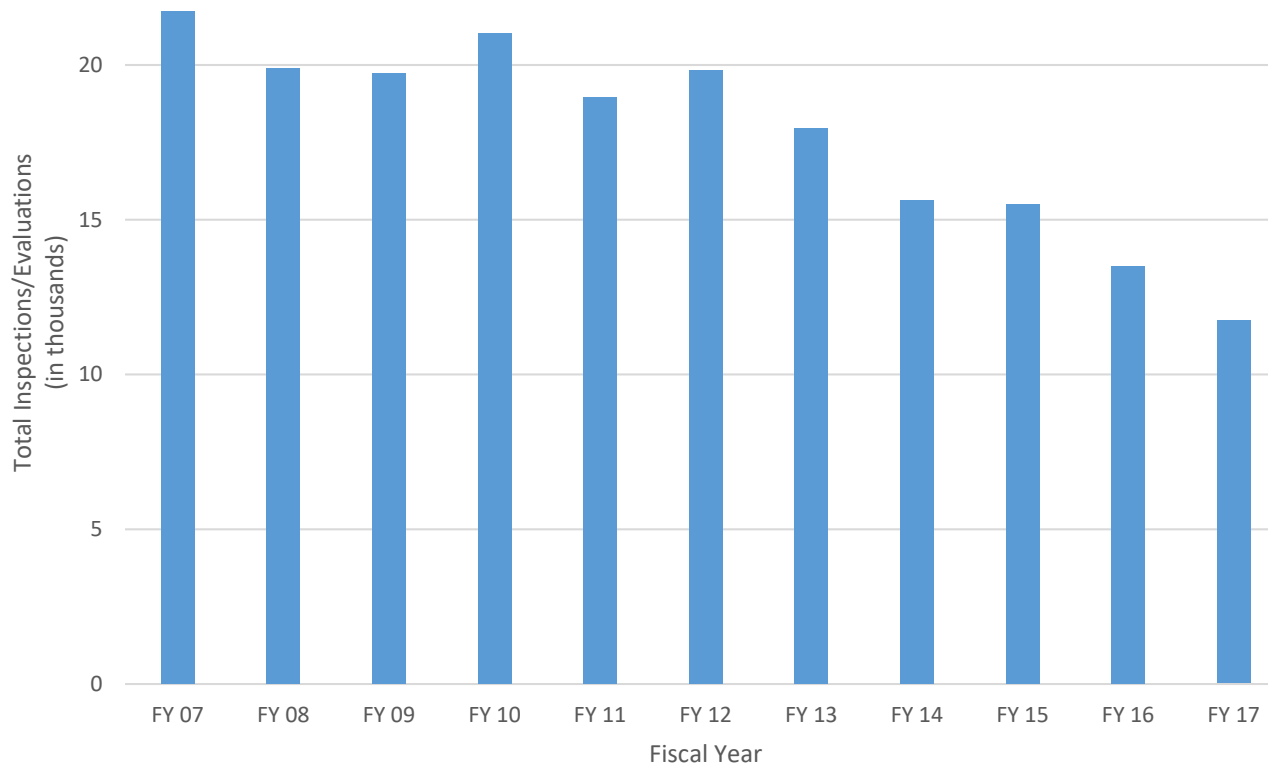
#### Notes

1. All prior FY dollar figures in this report are adjusted to reflect the current value in FY 2017 dollars based on the monthly rate of inflation/deflation as determined by the U.S. Department of Labor Consumer Price Index for All Urban Consumers.
2. Dollar figures referenced in the bullets are nominal values. They are **not** adjusted to reflect inflation/deflation.

Data Source: Integrated Compliance Information System (ICIS)

# FY 2017 Enforcement and Compliance Annual Results

Federal Inspections and Evaluations  
(Conducted by EPA)  
FY 2007 – FY 2017



➤ In FY 2017, EPA conducted approximately 11,700 inspections/evaluations.

➤ Additional compliance monitoring activities conducted each year but not included on this graph, include, for example, inspections conducted by state and local agencies.

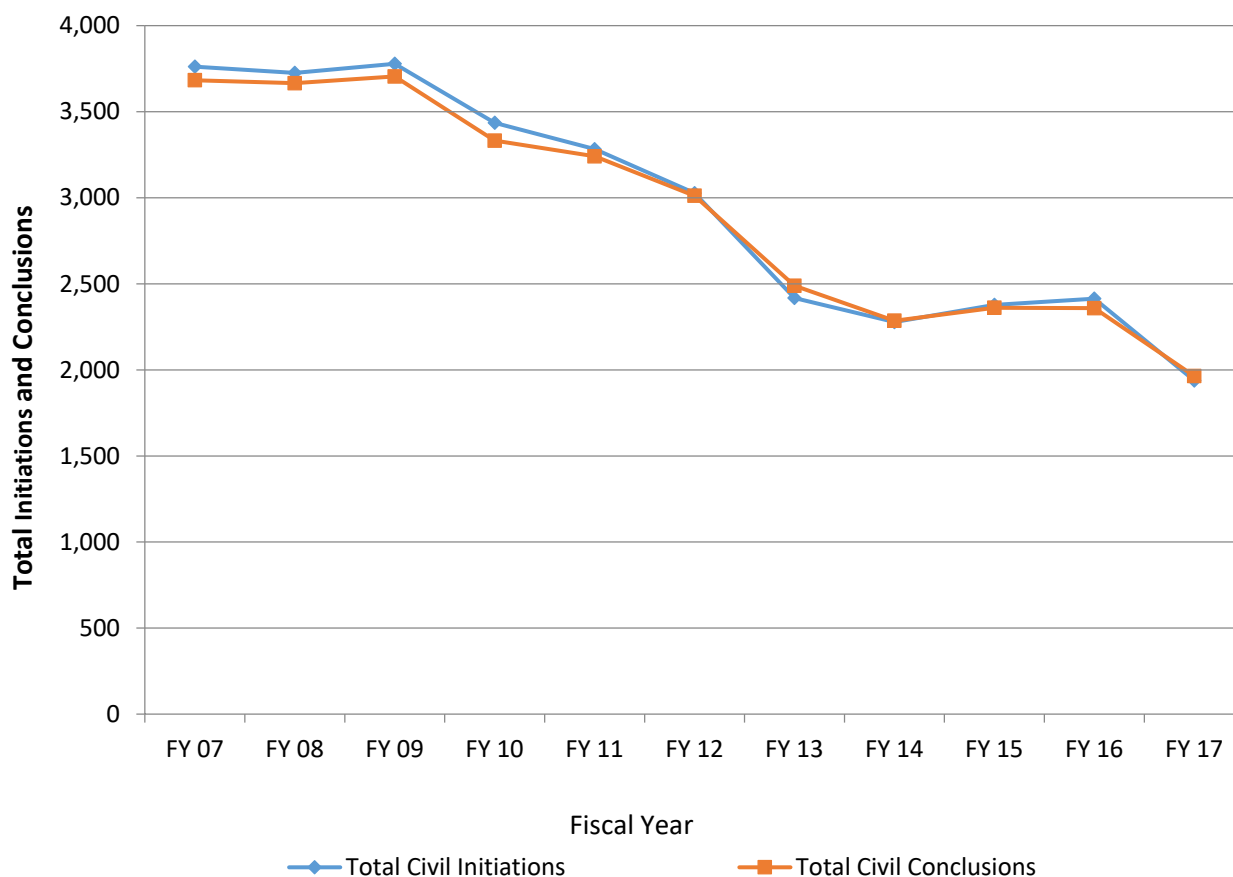
Data Source: Integrated Compliance Information System (ICIS), ICIS-NPDES, ICIS-AIR, RCRAInfo, and manual reporting.



# FY2017 Enforcement and Compliance Annual Results

## Total Civil Enforcement Case Initiations and Conclusions

FY 2007 – FY 2017



➤ In FY 2017, EPA initiated more than 1,900 civil judicial and administrative cases, and concluded nearly 2,000 civil judicial and administrative cases.

### Notes

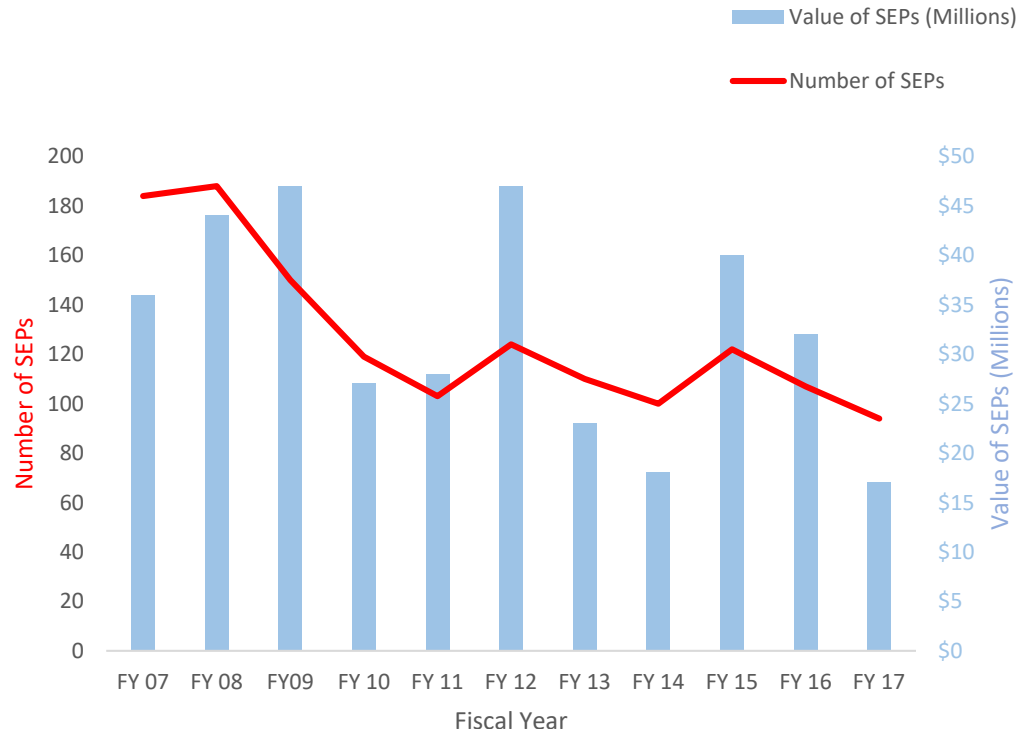
1. Totals include CERCLA Initiations and Conclusions.

Data Source: Integrated Compliance Information System.

# FY 2017 Enforcement and Compliance Annual Results



## Supplemental Environmental Projects (SEPs) FY 2007 – FY 2017



➤ In FY 2017, EPA enforcement settlements included voluntary agreements to undertake an estimated \$17 million in Supplemental Environmental Projects (SEPs).

➤ Annual totals of the value of SEPs are often strongly influenced by the existence of one or two extremely large cases.

❖ FY 2009 includes \$10 million in SEPs from the Memphis Light, Gas and Water case, and \$6 Million in SEPs from a BP North America case.

❖ FY 2012 includes \$20 million in SEPs from the BP Exploration case.

### Notes

1. SEPs are projects that are not otherwise legally required that have a close nexus to the violations and that a defendant/respondent agrees to undertake to benefit the community affected by the violations.
  2. All prior FY dollar figures in this report are adjusted to reflect the current value in FY 2017 dollars based on the monthly rate of inflation/deflation as determined by the U.S. Department of Labor Consumer Price Index for All Urban Consumers.
  3. Dollar figures referenced in the bullets are nominal values. They are **not** adjusted to reflect inflation/deflation.
- Data Source: Integrated Compliance Information System.

# FY 2017 Enforcement and Compliance Annual Results

## Acronyms and Descriptions for Statutes/Sections



CAA	Clean Air Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act ("Superfund")
CWA	Clean Water Act
EPCRA	Emergency Planning & Community Right-to-Know Act
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
MPRSA	Marine Protection, Research, and Sanctuaries Act
RCRA	Resource Conservation & Recovery Act
SDWA	Safe Drinking Water Act
TSCA	Toxic Substances Control Act
Title 18	U.S. Criminal Code - Crimes and Criminal Procedure