

**Environmental Violations at Marcellus Shale Drilling Sites
Jan. 1, 2010 – Dec. 31, 2010**

Marcellus Shale Wells Drilled (2010): 1,454
 Marcellus Shale Violations (2010): 1,227
 Marcellus Shale Violations (2009): 656
 Marcellus Shale Violations (2008): 206
 % of Wells with Violations in 2010: 18%
 Total # of Marcellus Shale Wells Drilled (2005-10): 2,498
 Total # of Violations at Marcellus Shale sites (2008-10): 2,089

Violations by Type:

Violation Type	Number
Administrative	176
General Violations (Clean Streams Law, Oil and Gas Act, permit conditions)	262
Frac Pit and storage violations (leaks, improper construction, etc.)	303
Spill & illegal disposal & discharge of industrial waste (frac fluid, wastewater, etc.)	209
Stormwater runoff violations (includes erosion and sedimentation)	119
Improper cementing/casing of wells	84
Hazardous well venting	4
Other	70

Philadelphia
 1315 Walnut Street
 Suite 1650
 Philadelphia PA 19107
 Tel: 215.545.0250

Harrisburg
 115 Pine Street
 First Floor
 Harrisburg, PA 17101
 Tel: 717.233.1801

Pittsburgh
 100 Fifth Avenue
 Suite 1108
 Pittsburgh, PA 15222
 Tel: 412.765.3053

Lehigh Valley
 901 North New Street
 Bethlehem, PA 18018
 Tel: 610.691.7395

www.cleanwateraction.org/pa

source: PA Department of Environmental Protection (DEP)

Total violations in 2010 by Marcellus Shale Advisory Commission
Members: 514

Total Corbett donations by Marcellus Shale Advisory Commission
Members: \$790,950

Company	2010 Violations	Commission Member	Corbett Donation
Anadarko E&P	75		
Antero Resources	7		
Atlas/Chevron	16	Yes	\$54,500
Baker Gas	3		
BLX Inc	2		
Burnett Oil Co	3		
Cabot	114		
Carrizo Oil & Gas	2		
Chesapeake	132	Yes	\$11,000
Chief Oil & Gas	174	Yes	\$100,000
Citrus Energy	27		
CNX Gas/Consol Energy	5	Yes	\$56,750
East Resources	74	Yes	\$411,000
Energy Corp of America	10		
Enerplus Resources	5		
EOG resources	22		
EQT	15	Yes	\$56,900
EXCO Resources	17		
Guardian Exploration	7		
Hess	6		
JW Operating	22		
Longfellow Energy	1		
MDS Energy	1		
NOVUS Operating	17		
PA General Energy	41		
Penn Virginia Oil	8		
Phillips Exploration	2		
Range Resources	32	Yes	\$80,800
Rex Energy	5		
Rice Drilling	7		
Samson Resources	2		
Seneca Resources	45		
Southwestern Energy	13		
Stone Energy	5		
Talisman Energy	153		
Tanglewood Exploration	4		
Ultra Resources	47		
William McIntire Coal	1		
Williams Production	37		
XTO Energy/Exxon Mobil	66	Yes	\$20,000