

## 2016 Violation Summary

Violation Type & Violation Code	Site/Client	Conventional Well	Unconventional Well	Total
<b>Administrative</b>	<b>81</b>	<b>960</b>	<b>18</b>	<b>1059</b>
102.4(b)5 - EROSION AND SEDIMENT CONTROL REQUIREMENTS – The E & S Plan, for earth disturbance activities not required to obtain a permit under 25 Pa. Code § 102.5(c), did not contain the required drawings and narrative.	3	1	2	6
102.4(b)8 - EROSION AND SEDIMENT CONTROL REQUIREMENTS – E & S plan, inspection reports and monitoring records were not available at the project site during all stages of earth disturbance activity.	3	6		9
102.7(a) - PERMIT TERMINATION – Permittee failed to submit a notice of termination (NOT) to the Department or conservation district after site restoration, including permanent stabilization and site restoration.	10		2	12
78.11(b) - PERMIT REQUIREMENTS - Operating a well without a permit or the well was not properly registered.	2			2
78.12 - COMPLIANCE WITH PERMITS - Failure to comply with terms and conditions of permit or registration while drilling, altering or operating an oil or gas well.	1	4		5
78.12_ - COMPLIANCE WITH PERMITS - Failure to keep a copy of the permit at the well site during drilling or altering a well.	1			1
78.121(A) - WELL REPORTING – PRODUCTION REPORTING – Conventional operator failed to submit annual conventional production and status report for permitted or registered well.	1	7	1	9
78.121(B) - WELL REPORTING – PRODUCTION REPORTING – Operator failed to electronically submit production and status report to the Department through its web site.		2		2
78.122 - Drillers Log not on site		28	1	29
78.122(A) - WELL REPORTING – WELL RECORD – Operator failed to keep a detailed drillers log at well site or submit a complete well record, on a form provided by the Department, within 30 days of cessation of drilling or altering.	1			1

78.123(A) - WELL REPORTING – LOGS AND ADDITIONAL DATA – Operator failed to submit a copy of electrical, radioactive or other standard industry logs run on the well, copy of drill stem test charts, formation water analyses, porosity, permeability or fluid saturation measurements, core analyses and lithologic log or sample description or other similar data as compiled when requested by the Department within the prescribed timeframe.		30		30
78.124 - Failure to submit plugging certificate 30 days after well plugged		15		15
78.124(A) - WELL REPORTING – CERTIFICATE OF PLUGGING – Owner or Operator failed to submit a certificate of plugging to the Department and each coal operator, lessee or owner who was sent notice, by certified mail, of intent to plug, within 30 days after well has been plugged.		4		4
78.13(a) - PERMIT TRANSFERS - Failure to obtain prior written approval from the Department for permit or registration transfer, assignment or sale of rights.		8		8
78.14(a) - TRANSFER OF WELL OWNERSHIP OR CHANGE OF ADDRESS - Failure of the new owner or operator to notify the Department, in writing, within 30 days after the sale, assignment, transfer, conveyance or exchange of well ownership.	4	8		12
78.14(b) - TRANSFER OF WELL OWNERSHIP OR CHANGE OF ADDRESS - Failure of the new owner or operator to provide the names, addresses and telephone numbers of the former and new owner, and the agent (if applicable), the well permit or registration number, effective date of the transfer of ownership and an application for a well permit transfer, if there is a change in the well operator.	3	8		11
78.14(c) - TRANSFER OF WELL OWNERSHIP OR CHANGE OF ADDRESS - Failure of the permittee to notify the Department of a change in address or name within 30 days of the change.		8		8
78.18(a) - DISPOSAL AND ENHANCED RECOVERY WELL PERMITS - Drilling or altering a disposal or enhanced recovery well without obtaining a well permit under 25 Pa. Code section 78.11.	1			1
78.55(a) - CONTROL AND DISPOSAL PLANNING - Operator failed to prepare and implement a plan under 25 Pa. Code Section 91.34 for the control and disposal of fluids, residual waste and drill cuttings, including tophole water, brines, drilling fluids, additives, drilling muds, stimulation fluids, well servicing fluids, oil, and production fluids from the drilling, alteration, production, plugging or other activity associated with oil and gas wells.	1			1

78.55(d) - CONTROL AND DISPOSAL PLANNING - Operator failed to have a copy of the control and disposal plan at the well site during drilling and completion activities and upon Department request.		2		2
78.55(f)4ii - EMERGENCY RESPONSE FOR UNCONVENTIONAL WELL SITES - Failure of the unconventional well operator to meet requirements of site entrance sign fabrication, color, size, lettering, wording, numbering, format, information and location.	1			1
78.65(3) - SITE RESTORATION - Owner or operator failed to submit a well site restoration report to the Department within 60 days after restoration of the well site.	2	1	2	5
78.65(3)ii - SITE RESTORATION - Operator's well site restoration report failed to include a description of the method used for disposal or reuse of the free liquid fraction of the waste, and the name of the hauler and disposal facility.		1		1
78.65(3)v - SITE RESTORATION - Operator's well site restoration report failed to identify waste type and volume produced and name and address of the waste disposal facility and waste hauler.		1		1
78.83a.(a)2 - CASING AND CEMENTING PLAN - Operator's casing and cementing plan failed to include information on diameter of the borehole.		13		13
78.88(a) - OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to inspect each operating well quarterly for compliance with the well construction and operating requirements.	1	9	1	11
78.88(e) - OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to submit an annual report to the Department identifying the compliance status of each well with the mechanical integrity requirements for structurally sound wells in compliance with 25 Pa. Code Section 78.73(c).	15	1	1	17
78a51(h) - PROTECTION OF WATER SUPPLIES - Well operator failed to electronically notify the Department within 24 hours of receiving notification from a landowner, water purveyor, or affected person that a water supply has been affected by pollution or diminution.	1			1
78a55(b) - CONTROL AND DISPOSAL PLANNING – PPC Plan - Operator failed to prepare and develop a site specific PPC plan prior to storing, using, or generating regulated substances on a well site from the drilling, alteration, production, plugging or other activity associated with a gas well or transporting those regulated substances to, on or from a well site.			1	1

91.33A - Failure to notify DEP of pollution incident. No phone call made forthwith	6	3	1	10
91.34(B) - ACTIVITIES UTILIZING POLLUTANTS - Failure to submit a report or plan, within the time specified in the Department's notice, setting forth the nature of the activity and the nature of the preventative measures taken to prevent the substances from directly or indirectly reaching waters of this Commonwealth, through accident, carelessness, maliciousness, hazards of weather or from another cause.			1	1
ACT173 - Failure to file monthly unconventional production data with the Department within 45 days after the close of the reporting period.	8			8
OGA 3211(F1) - Failure to notify DEP or surface landowner or local political subdivision 24 hours prior to commencement of drilling. Failure to electronically notify DEP. Failure to re-notify DEP.		2		2
OGA 3211(F5) - Failure to notify DEP prior to skidding a well.		1		1
OGA 3211(G) - Failure to post the well permit number and the operator's name, address and phone number at the well site during construction of the access road, site preparation and during drilling, operating or alteration of well.	2	102		104
OGA 3211(H) - Failure to install, in a permanent manner, the permit number on a completed well.	7	222	2	231
OGA 3211(I) - Failure to drill with due diligence.			1	1
OGA 3213(C) - Failure to install, in a permanent manner, registration number on well 60 days after issuance.		3		3
OGA 3220(B) - Failure to notify DEP, the coal operator, lessee and owner prior to plugging a well underlain by coal and submit a plat.			1	1
OGA 3220(C) - Failure to notify DEP, the coal operator, lessee and owner prior to plugging a well and submit a plat.		1		1
OGA 3222(A) - Failure to submit annual conventional well production report.	6	274		280
OGA 3222(B) - Failure to submit well record / completion report.		18	1	19
OGA 3222(B3) - WELL REPORTING – COMPLETION REPORT – Operator failed to submit a completion report within 30 days after completion of the well.	1	4		5
OGA 3223 - Failure to notify DEP sale / transfer of a well within 30 days.		166		166
OGA 3252 - Failure to comply with §§ 3217, 3218, 3219 or 3220 or a regulation, order, term or permit condition, constituting a public nuisance.		6		6
OGA3222(B.1) - WELL REPORTING – COMPLETION REPORT – Operator failed to submit a completion report containing all necessary information.		1		1

Environmental Health & Safety	697	874	438	2009
102.11(a)1 - GENERAL REQUIREMENTS – BMP AND DESIGN STANDARDS - Person failed to design, implement and maintain E & S BMPs to minimize the potential for accelerated erosion and sedimentation to protect, maintain, reclaim and restore water quality and existing and designated uses.	66	11	8	85
102.22(a) - SITE STABILIZATION – PERMANENT STABILIZATION – Permittee failed to have site permanently stabilized and protected from accelerated erosion and sedimentation upon final completion of earth disturbance activity.	4	3	3	10
102.22(a)1 - SITE STABILIZATION – PERMANENT STABILIZATION – Permittee failed to remove temporary E & S BMPs once permanent stabilization had been established.	2	2	1	5
102.22(b)1 - SITE STABILIZATION – TEMPORARY STABILIZATION – Permittee failed to temporarily stabilize the site to protect it from accelerated erosion and sedimentation where cessation of earth disturbance activities exceeded 4 days.	48	2	1	51
102.4(b)1 - EROSION AND SEDIMENT CONTROL REQUIREMENTS - Person conducting earth disturbance activity failed to implement and maintain E & S BMPs to minimize the potential for accelerated erosion and sedimentation.	73	5	5	83
102.4(b)2 - EROSION AND SEDIMENT CONTROL REQUIREMENTS - Person conducting earth disturbance activity failed to develop and implement a required written E & S Plan.	1	2		3
102.4(b)4 - EROSION AND SEDIMENT CONTROL REQUIREMENTS - Person failed to plan and implement earth disturbance activities to minimize duration & extent of earth disturbance, minimize soil compaction, maximize protection of drainage features and vegetation, and utilize other measures or controls that prevent or minimize the generation of increased stormwater runoff.	41		1	42
102.5(c) - PERMIT REQUIREMENTS – Person conducting earth disturbance activity associated with oil and gas activities involving 5 acres or more of earth disturbance over the life of the project failed to obtain an E & S Permit prior to commencing the earth disturbance activity.	6		4	10
102.5(f) - PERMIT REQUIREMENTS – Person failed to implement the PCSM Plan.	1		1	2
102.5(m)4 - PERMIT REQUIREMENTS – GENERAL PERMITS – Person failed to comply with the terms and conditions of the E & S Control General Permit.	64		16	80
102.7(c) - PERMIT TERMINATION – Permittee failed to remain in compliance with permit terms and conditions on the project site until receiving written approval of the notice of termination (NOT) from the Department or conservation district.	1		1	2

105.11(a) - PERMIT REQUIREMENTS – Person failed to obtain a permit from the Department prior to construction, operation, maintenance, modification, enlargement or abandonment of a water obstruction or encroachment.	6	1	3	10
105.44 - Permittee has failed to perform work according to specifications as approved.	2			2
105.44(a) - IMPLEMENTATION OF WORK ACCORDING TO SPECIFICATIONS – Permittee failed to conduct work in accordance with the maps, plans, profiles and specifications as approved by the Department for work undertaken under a permit or other Department approval.	9	3		12
105.44(b) - IMPLEMENTATION OF WORK ACCORDING TO SPECIFICATIONS – Permittee failed to obtain written Department approval for changes in the maps, plans, profiles and specifications for work covered by a permit or other Department approval which would affect the waterway area or structural stability of the project.	1			1
105.449 - COMPLIANCE WITH PERMIT CONDITIONS, REGULATIONS AND LAWS – Person or permittee failed to comply with the general permit terms and conditions while constructing, maintaining, modifying, enlarging or abandoning a water obstruction or encroachment.	6		1	7
105.46(a) - IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROL PLANS – During construction of water obstruction or encroachment, permittee failed to follow the erosion and sediment control plan prepared in accordance with Chapter 102 (relating to erosion and sediment control) and submitted as part of the application.	28			28
105.46(b) - IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROL PLANS – Permittee failed to conduct construction in a manner to minimize erosion of banks and bed of the stream and disturbance of the regimen of the stream.	28		1	29
105.51 - OPERATION AND MAINTENANCE - Permittee or owner of a water obstruction or encroachment failed to operate and maintain the facility and appurtenant structures in a safe condition in accordance with permit terms and conditions.	2			2
691.401WPD - Failure to prevent sediment or other pollutant discharge into waters of the Commonwealth.	1			1

78.51(a) - PROTECTION OF WATER SUPPLIES - Operator failed to restore or replace a private or public water supply affected by pollution or diminution with an alternate source of water adequate in quantity and quality for the purposes served by the supply as determined by the Department.	1			1
78.53 - EROSION AND SEDIMENT CONTROL - Operator failed to design, implement and maintain best management practices and an erosion and sediment control plan in accordance with 25 Pa. Code Chapter 102, during and after earthmoving or soil disturbing activities, including the activities related to siting, drilling, completing, producing, servicing and plugging, constructing, utilizing and restoring the site and access road.	23	7	6	36
78.54 - GENERAL REQUIREMENTS - Operator failed to control and dispose of fluids, residual waste and drill cuttings, including tophole water, brines, drilling fluids, drilling muds, stimulation fluids, well servicing fluids, oil, and production fluids in a manner that prevents pollution of the waters of the Commonwealth.	20	54	21	95
78.56(a) - PITS AND TANKS FOR TEMPORARY CONTAINMENT - Operator failed to contain pollutant substances and wastes from the drilling, altering, completing, recompleting, servicing and plugging the well, including brines, drill cuttings, drilling muds, oils, stimulation fluids, well treatment and servicing fluids, plugging and drilling fluids other than gases in a pit, tank or series of pits and tanks.	10	9	10	29
78.56(a)1 - PITS AND TANKS FOR TEMPORARY CONTAINMENT - Operator's temporary containment pit, tank or series of pits and tanks was not constructed and maintained with sufficient capacity to contain all pollutant substances and wastes during drilling, altering, completing and plugging the well.			4	4
78.56(a)2 - PITS AND TANKS FOR TEMPORARY CONTAINMENT - Operator failed to design, construct, and maintain at least 2 feet of freeboard in a pit or open top tank.	1	1		2
78.56(a)3 - PITS AND TANKS FOR TEMPORARY CONTAINMENT - Operator failed to design, construct and maintain pits or tanks to be structurally sound.	1	1		2
78.56_(d) - Operator failed to remove or fill pit used for servicing, plugging or recompleting a well within 90 days of construction.		1		1

78.57(a) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS - Operator failed to collect the brine and other fluids produced during operation, service and plugging of the well in a tank, pit or a series of pits or tanks, or other device approved by the Department or Operator discharged brine or other fluids on or into the ground or into waters of the Commonwealth.	12	31	17	60
78.57(b) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS - Operator used an unauthorized pit for the control, handling, or storage of brine and other fluids produced during operation, service or plugging of a well.	1			1
78.60(a) - DISCHARGE REQUIREMENTS - Operator discharged a substance into waters of the Commonwealth contrary to 25 Pa. Code Chapters 91, 93, 95 and 102, The Clean Streams Law and the 2012 Oil and Gas Act.	1			1
78.60(b)1 - DISCHARGE REQUIREMENTS - Owner or operator land applied tophole water or precipitation water from a pit that contained additives, drilling muds, pollutional materials or drilling fluids without approval by the Department.	1			1
78.62(a)17 - DISPOSAL OF RESIDUAL WASTE - PITS - Owner or operator failed to stabilize, grade and backfill pit area with at least 18 inches over the top of liner to promote runoff and prevent water to accumulate or pond on the surface.		1		1
78.62(a)9 - DISPOSAL OF RESIDUAL WASTE - PITS - Owner or operator disposed of residual waste, in a pit, that was not designed, constructed and maintained to be structurally sound and impermeable.		1		1
78.64(a) - CONTAINMENT AROUND OIL TANKS - For a tank capacity of at least 660 gallons or tanks with a combined capacity of at least 1,320 gallons, the owner or operator failed to construct and maintain a dike or other method of secondary containment which satisfies requirements under 40 CFR 112.	3	2		5
78.65(2) - SITE RESTORATION - Owner or operator failed to restore the constructed well site within 30 days after the expiration of the well permit, at a well site a well was not drilled. No extension was granted by the Department.		22		22
78.66(a) - REPORTING RELEASES - Owner or operator failed to comply with the reporting and corrective action requirements of 25 Pa. Code Section 91.33 when a release of a substance caused or threatened pollution to the Waters of the Commonwealth.	2	9		11
78.66(b) - REPORTING RELEASES - Owner or operator failed to report a reportable release of brine on or into the ground at the well site within 2 hours after detecting or discovering the releases.		3		3

78.73(a) - GENERAL PROVISION FOR WELL CONSTRUCTION AND OPERATION - Operator failed to construct and operate the well in accordance with 25 Pa. Code Chapter 78 and ensure that the integrity of the well is maintained and health, safety, environment and property are protected.		6	4	10
78.73(b) - GENERAL PROVISION FOR WELL CONSTRUCTION AND OPERATION - Operator failed to prevent gas, oil, brine, completion and servicing fluids, and any other fluids or materials from below the casing seat from entering fresh groundwater, and prevent pollution or diminution of fresh groundwater.		2	1	3
78.73(c) - GENERAL PROVISION FOR WELL CONSTRUCTION AND OPERATION - Operator failed to prevent excessive surface shut-in pressure and surface producing back pressure inside the surface casing or coal protective casing after a well has been completed, recompleted, reconditioned or altered.		2		2
78.74 - VENTING OF GAS - Operator vented gas to the atmosphere that produced a hazard to the public health and safety.		5		5
78.81(a)1 - CASING AND CEMENTING - GENERAL PROVISIONS - Operator conducted casing and cementing activities that failed to allow for effective control of the well at all times.		2		2
78.81(a)2 - CASING AND CEMENTING - GENERAL PROVISIONS - Operator conducted casing and cementing activities that failed to prevent migration of gas or other fluids into sources of fresh groundwater.	1			1
78.81(a)3 - CASING AND CEMENTING - GENERAL PROVISIONS - Operator conducted casing and cementing activities that failed to prevent pollution or diminution of fresh groundwater.	1			1
78.83(a) - CASING AND CEMENTING - SURFACE AND COAL PROTECTIVE CASING AND CEMENTING PROCEDURES - Operator utilized the surface casing or casing functioning as the water protection casing as the production casing for a well(s) drilled, altered, reconditioned or recompleted after 2/5/2011 that did not meet the Department's exceptions for such wells.		2		2
78.83(b) - CASING AND CEMENTING - SURFACE AND COAL PROTECTIVE CASING AND CEMENTING PROCEDURES - Operator failed to drill a hole at least one inch greater than the outside diameter of the casing collar or casing coupling.		5		5

78.83(c) - CASING AND CEMENTING - SURFACE AND COAL PROTECTIVE CASING AND CEMENTING PROCEDURES - Operator failed to drill to approximately 50 feet below the deepest fresh groundwater or at least 50 feet into consolidated rock, whichever is deeper, and immediately set and permanently cement a string of surface casing to that depth.			2	2
78.83b.(a) - CASING AND CEMENTING - LOST CIRCULATION - Operator failed to follow one of the approved requirements and notify the Department after cement used to permanently cement the surface or coal protective casing failed to surface despite pumping a volume of cement equal to or greater than 120% of the calculated annular space.		13		13
78.85(a)3 - CASING AND CEMENTING - CEMENT STANDARDS - Operator failed to contain any pressure from drilling, completion and production with cement while cementing surface or coal protective casing.		2		2
78.85(a)5 - CASING AND CEMENTING - CEMENT STANDARDS - Operator failed prevent gas flow in the annulus and use gas block additives and low fluid loss slurries in areas of known shallow gas producing zones.			6	6
78.86 - CASING AND CEMENTING - DEFECTIVE CASING OR CEMENTING - Operator failed to report defect in a well that has defective, insufficient or improperly cemented casing to the Department within 24 hours of discovery. Operator failed to correct defect or failed to submit a plan to correct the defect for approval by the Department within 30 days.	1	15	39	55
78.88_(d) - OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to immediately notify the Department and follow required hierarchy for corrective actions to mitigate excess pressure on the surface casing seat or coal protective casing seat for wells not in compliance with 25 Pa. Code ? 78.73(c).		1		1
78.89(a) - OPERATING WELLS - GAS MIGRATION RESPONSE - Owner or operator failed to immediately conduct an investigation to determine nature of the incident, assess potential hazards to public health and safety, and mitigate any hazard posed by the concentrations of stray gas after being notified or otherwise made aware of a potential natural gas migration incident.		1		1
78.91(a) - PLUGGING - GENERAL PROVISIONS - Upon abandoning a well, the owner or operator failed to plug the well to stop the vertical flow of fluids or gas within the well bore under 25 Pa. Code ?? 78.92 ? 78.98 or an approved alternate method.		20	1	21

78.94(A) - PLUGGING – WELLS IN NONCOAL AREAS – SURFACE CASING IS NOT CEMENTED OR NOT PRESENT - Owner or operator failed to follow requirements or other method approved by the Department to plug a well, where the surface casing and production casing are not cemented, or is not present.		9		9
78.95(A) - PLUGGING – WELLS IN NONCOAL AREAS – SURFACE CASING IS CEMENTED – Owner or operator failed to follow requirements or other method approved by the Department to plug a well, where the surface casing is cemented and the production casing is not cemented or not present.		4		4
78.96 - PLUGGING – MARKING THE LOCATION OF A PLUGGED WELL – Upon completion of plugging or replugging a well, the operator failed to erect a permanent marker with permit or registration number.		8	1	9
78.98 - PLUGGING - RESTRICTING SURFACE WATER FROM THE WELL BORE – Operator failed to permanently fill the area between the casings or the casing and the well bore to the surface with nonporous material in order to restrict surface water from the well bore.			1	1
78a53 - EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT - Person proposing or conducting earth disturbance activities associated with oil and gas operations failed to comply with 25 Pa. Code § 102.	1			1
78a54 - GENERAL REQUIREMENTS - Operator failed to control and dispose of fluids, residual waste and drill cuttings, including tophole water, brines, drilling fluids, drilling muds, stimulation fluids, well servicing fluids, oil, and production fluids in a manner that prevents pollution of the waters of the Commonwealth and in accordance with 25 Pa. Code §§ 78a.55 – 78a.58 and 78a.60 – 78a.63.		1		1
78A57(A) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS - Operator used open top structure(s) to store brine and other fluids produced during operation of the well.			1	1
78a60(b)2-4 - DISCHARGE REQUIREMENTS - Owner or operator land applied tophole water or precipitation water from a pit that did not meet the requirements for pH (6 to 9), conductivity (less than 1,000 $\mu$ hos/cm) and no sheen from oil and grease.			1	1
78a60(b)5 - DISCHARGE REQUIREMENTS - Owner or operator failed to spread tophole water or precipitation water from a pit over an undisturbed, vegetated area capable of absorbing the tophole water and filtering solids in the discharge, and spread in a manner that prevents a direct discharge to surface waters and complies with 25 Pa. Code § 78a.53.			1	1

78a64a(b) - SECONDARY CONTAINMENT – All regulated substances, including solid wastes and other regulated substances in equipment or vehicles, failed to be managed within secondary containment on the well site.	1			1
78a73(a) - GENERAL PROVISION FOR WELL CONSTRUCTION AND OPERATION - Operator failed to construct and operate the well in accordance with 25 Pa. Code Chapter 78a and ensure that the integrity of the well is maintained and health, safety, environment and property are protected.			8	8
78a81(a)2 - CASING AND CEMENTING - GENERAL PROVISIONS - Operator conducted casing and cementing activities that failed to prevent migration of gas or other fluids into sources of fresh groundwater.			8	8
78a81(a)3 - CASING AND CEMENTING - GENERAL PROVISIONS - Operator conducted casing and cementing activities that failed to prevent pollution or diminution of fresh groundwater.			8	8
78a85(a)5 - CASING AND CEMENTING - CEMENT STANDARDS - Operator failed prevent gas flow in the annulus and use gas block additives and low fluid loss slurries in areas of known shallow gas producing zones.			1	1
78a86 - CASING AND CEMENTING - DEFECTIVE CASING OR CEMENTING - Operator failed to report defect in a well that has defective, insufficient or improperly cemented casing to the Department within 24 hours of discovery. Operator failed to correct defect or failed to submit a plan to correct the defect for approval by the Department within 30 days.			9	9
78a91(a) - PLUGGING - GENERAL PROVISIONS - Upon abandoning a well, the owner or operator failed to plug the well to stop the vertical flow of fluids or gas within the well bore under § 3221 of the 2012 Oil & Gas Act, 25 Pa. Code §§ 78a.92—78a.98 or an approved alternate method.			2	2
91.33(A) - INCIDENTS CAUSING OR THREATENING POLLUTION - Failure to notify the Department of an accident or other activity or incident, a toxic substance or another substance which would endanger downstream users of the waters, result in pollution or create a danger of pollution of the waters of this Commonwealth, or would damage property.	2	11	3	16
91.34(A) - ACTIVITIES UTILIZING POLLUTANTS - Failure to take necessary measures to prevent the substances from directly or indirectly reaching waters of this Commonwealth, through accident, carelessness, maliciousness, hazards of weather or from another cause.	7	1	5	13

91.34A - Failure to take all necessary measures to prevent spill. Inadequate diking, potential pollution	9		5	14
CSL 301 - PROHIBITION AGAINST DISCHARGE OF INDUSTRIAL WASTES - Industrial waste discharged into Waters of the Commonwealth.	2	4	8	14
CSL 307(a) - INDUSTRIAL WASTE DISCHARGES - Industrial waste discharged, directly or indirectly, into Waters of the Commonwealth, without a permit, authorization, or contrary to rules and regulations of the Department.	4	7	8	19
CSL 401 - PROHIBITION AGAINST OTHER POLLUTIONS - Discharged substance of any kind or character resulting in pollution of Waters of the Commonwealth.	78	4	13	95
CSL 402(b) - POTENTIAL POLLUTION - Conducting an activity regulated by a permit issued pursuant to Section 402 of The Clean Streams Law to prevent the potential of pollution to waters of the Commonwealth without a permit or contrary to a permit issued under that authority by the Department.	36	20	37	93
CSL301 - CSL - Unauthorized, unpermitted discharge of industrial wastes to waters of the Commonwealth		1		1
CSL401 - CSL - Unauthorized, unpermitted discharge of polluting substances to waters of the Commonwealth resulting in pollution	2		1	3
OGA 3211(A) - Drilling or altering a well without a well permit or no copy of the well permit at the well site.	1	1		2
OGA 3215(A) - Failure to maintain gas/oil well distances restrictions from a building, private water well or from a water well, surface water intake, reservoir, water extraction point of water purveyor without DEP variance or written consent of owner or water purveyor.			1	1
OGA 3216(A) - Failure to restore disturbed land surface of a well site.	2	8		10
OGA 3216(C) - Failure to fill all pits used to contain produced fluids or industrial wastes and remove unnecessary drilling supplies/equipment not needed for production within 9 months from completion of drilling of well.	3	18	91	112
OGA 3217(A) - Failure to control and dispose of brines produced from the drilling, alteration or operation of a well consistent with the Clean Streams Law.			1	1
OGA 3217(B) - Failure to prevent migration of gas or fluids into sources of fresh water causing pollution or diminution. Failure to properly case and cement well through a fresh water-bearing strata in regulated manner or depth.			1	1
OGA 3220(A) - Failure to plug the well upon abandoning it.	3	439	14	456
OGA 3258(B) - Failure to provide free and unrestricted access.			1	1

OGA 3259(1) - Drilling, altering or operating a well without a permit. Failure to comply with rules or regulations adopted under the 2012 Oil and Gas Act, DEP order, or a term or condition of the well permit.	4	2		6
OGA 3259(5) - Causing abandonment of a well by removal of casing or equipment necessary for production without plugging.		4		4
OGA3218.2(A) - Failure to design and construct unconventional well site to prevent spills to the ground surface and off well site.	10		9	19
OGA3218.2(C) - Failure to use containment systems for (1) drilling mud, (2) hydraulic oil, (3) diesel fuel, (4) drilling mud additives, (5) hydraulic fracturing additives, (6) hydraulic fracturing flowback.	1			1
OGA3218.2(D) - Containment system(s) does not meet 110% capacity requirement.			2	2
OGA3258(A.1) - Drilling commenced without preoperation inspection.	1			1
OGA3259(2I) - Conducting a drilling or production activity that is contrary to the 2012 Oil and Gas Act, 25 Pa. Code Chapter 78, DEP order, or a term or condition of the well permit.	3			3
SWMA 301 - Failure to properly store, transport, process or dispose of a residual waste.	28	59	20	107
SWMA 501 - Unlawful use, or continued use, of land as a solid waste processing, storage, treatment, or disposal area without first obtaining a permit from the Department as required by the SWMA.			1	1
SWMA301 - Failure to properly store, transport, process or dispose of a residual waste.	30	26	19	75
<b>Grand Total</b>	<b>778</b>	<b>1834</b>	<b>456</b>	<b>3068</b>