

2017 Violation Summary

Violation Description	Violation Category			Total
	Client/Site	Conventional Well	Unconventional Well	
Administrative	78	1470	67	1615
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.	9	1	1	11
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.	11	31	1	43
102.5(e) - PERMIT REQUIREMENTS – Permittee failed to meet requirements for notifying or conducting a preconstruction meeting.	5			5
102.5(H) - PERMIT REQUIREMENTS – Failure to identify operator as co-permittee.	2			2
102.5_(I) - PERMIT REQUIREMENTS – The PPC Plan was not made available upon request by the Department.	2			2
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.	11		2	13
105.42(c) - TERMS AND CONDITIONS OF DEPARTMENT PERMITS AND APPROVALS - Permittee failed to make available a copy of the permit or other Department approval at the work site.	2	1		3
210UNPLUG - Failure to plug a well upon abandonment		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.	5	319	1	325

78.121(B) - WELL REPORTING – PRODUCTION REPORTING – Operator failed to electronically submit production and status report to the Department through its web site.	1	197	1	199
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.		16	2	18
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.		21		21
78.124(B) - WELL REPORTING – CERTIFICATE OF PLUGGING – Owner or Operator failed to submit the certificate of plugging containing information required by the Department on a form provided by the Department.		2		2
78.124(C) - WELL REPORTING – CERTIFICATE OF PLUGGING – Certificate of Plugging was not prepared and signed by two experienced and qualified people who participated in the work and also signed by Owner or Operator of the well.		2		2
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.		1		1
78.55(f)3i - EMERGENCY RESPONSE FOR UNCONVENTIONAL WELL SITES - Failure of the unconventional well operator to request a street address for the well site from the county or municipality prior to construction of an access road to a well site.	2			2
78.55(f)4i - EMERGENCY RESPONSE FOR UNCONVENTIONAL WELL SITES - Failure of the unconventional well operator to display a reflective sign at the entrance prior to construction of the access road.	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.	3			3
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.		6		6
78.65(3)* - Failure to submit or submitting an inadequate well site restoration report within 60 days of restoration of the well site		1	2	3
78.86* - Failure to report defective, insufficient, or improperly cemented casing w/in 24 hrs or submit plan to correct w/in 30 days		1		1
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.	2	142		144

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).	3	249		252
78a12 - COMPLIANCE WITH PERMITS – Person failed to comply with terms and conditions of permit or registration while drilling, altering or operating an oil or gas well.			23	23
78a121(a) - WELL REPORTING – PRODUCTION REPORTING – Well operator failed to electronically submit a monthly production and status report for each well on an individual basis, within 45 calendar days of the close of each monthly reporting period.	2	1	1	4
78a55(a) - CONTROL AND DISPOSAL PLANNING - PPC Plan - Person conducting oil and gas operations failed to prepare and implement a site specific PPC plans according to 25 Pa. Code §§ 91.34 and 102.5(l).	5		2	7

78a55(c) - CONTROL AND DISPOSAL PLANNING – PPC Plan - Containment Practices - Operator’s PPC plan failed to describe the containment practices to be utilized and the area of the well site where primary and secondary containment will be employed as required under 25 Pa. Code § 78a.64a.			1	1
78a55(h) - EMERGENCY RESPONSE – Emergency Contacts –Operator’s PPC plan failed to contain a list of emergency contact phone numbers for the area in which the well site is located.			1	1
78a55(i)3iii - EMERGENCY RESPONSE – Registration - Failure of the operator to register the well site name, address & GPS coordinates and entrance GPS coordinates with PEMA, the Department, the Public Safety Answering Point and the county emergency management organization.	3			3
78a55(i)4ii - EMERGENCY RESPONSE – Sign - Failure of the operator to meet requirements of site entrance sign fabrication, color, size, lettering, wording, numbering, format, information and location.	3		4	7
78a55(i)4vi - EMERGENCY RESPONSE – Sign - Failure of the operator to post sign without being obstructed from view by vegetation, equipment, vehicles or other obstruction.	1			1
78a57_(i) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS – Operator failed to document inspections on tanks storing brine or other fluids produced during operation of the well.			2	2

78a58(d) - ONSITE PROCESSING - Operator failed to develop a radioactive material action plan.	1			1
78a65(f) - SITE RESTORATION – Post plugging restoration reports – Operator failed to electronically submit a restoration report to the Department within 60 calendar days after post-plugging restoration under 25 Pa. Code § 78a.65 (a)(2).			1	1
78a68a(c) - HORIZONTAL DRILLING FOR OIL AND GAS PIPELINES - Department was not electronically notified at least 24 hours prior to beginning of any horizontal directional drilling activities, including conventional boring, beneath any body of water or watercourse.	1			1

78a88(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 § 78a.73 (c)		1		1
ACT 359.6(A) - OIL AND GAS CONSERVATION LAW – DRILLING PERMITS – Operator failed to obtain permit and/or prepare and file plat prior to drilling conservation well.			1	1
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.		1	13	14
OGA 3211(F2) - Failure to notify DEP 24 hours prior to cementing casing strings, pressure testing of production casing, stimulation of well or plugging of an unconventional 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.	1	79	2	82
OGA 3211(H) - Failure to install, in a permanent manner, the permit number on a completed well.		363	3	366
OGA 3211(I) - Failure to drill with due diligence.			2	2
OGA 3213(C) - Failure to install, in a permanent manner, registration number on well 60 days after issuance.	1	12		13
OGA 3220(C) - Failure to notify DEP, the coal operator, lessee and owner prior to plugging a well and submit a plat.		2		2
OGA 3220(D) - Failure to notify the DEP, the coal operator, lessee and owner 24 hour prior to plugging a well abandoned upon completion.		2		2
OGA 3222(A) - Failure to submit annual conventional well production report.		3		3

OGA 3222(B3) - WELL REPORTING – COMPLETION REPORT – Operator failed to submit a completion report within 30 days after completion of the well.		14		14
OGA3222(B.1) - WELL REPORTING – COMPLETION REPORT – Operator failed to submit a completion report containing all necessary information.		1		1
Environmental Health and Safety	870	1803	754	3427
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.	42	53	4	99
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.	24	15	1	40
102.22(a)1 - SITE STABILIZATION – PERMANENT STABILIZATION – Permittee failed to remove temporary E & S BMPs once permanent stabilization had been established.	0	5		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.	22	18		40
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	54	2	129
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.	3	2		5
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.	4			4

102.4(d) - EROSION AND SEDIMENT CONTROL REQUIREMENTS – Person conducting earth disturbance activity failed to obtain other necessary permits and authorizations from the Department or conservation district, related to the earth disturbance activity, before commencing the earth disturbance activity, including the well permit.	1			1
102.4_(c) - EROSION AND SEDIMENT CONTROL REQUIREMENTS – Person proposing or conducting earth disturbance failed to comply with Department directive to use alternate BMPs.	1			1
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.	12			12
102.5(f) - PERMIT REQUIREMENTS – Person failed to implement the PCSM Plan.	16			16
102.5(m)4 - PERMIT REQUIREMENTS – GENERAL PERMITS – Person failed to comply with the terms and conditions of the E & S Control General Permit.	49		1	50
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.	9			9
102.8(m)1 - PCSM REQUIREMENTS – LONG TERM OPERATION AND MAINTENANCE REQUIREMENTS – Permittee or co-permittee failed to be responsible for long term O & M of PCSM BMPs and no different person was identified on the NOT.	6		2	8
105.11 - Person constructed, operated, maintained, modified, enlarged or abandoned a water obstruction or encroachment but failed to obtain Chapter 105 permit.	0	5		5
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.	19	1	1	21

105.172(a) - INADEQUATE OR COLLAPSED STRUCTURES – Owner or permittee of a bridge or culvert failed to immediately notify the Department of the collapse of the structure or a portion thereof or of the existence of unusual conditions that threaten structural integrity of the bridge or culvert.	0	1	1
105.313(a) - PIPELINES UNDER STREAM BEDS – Owner or permittee failed to meet the minimum amount required for cover between the top of the pipe or encasement and the lowest point in the stream bed.	1	1	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.	13		13
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.	2		2
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.	7		7
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.	1		1
301CSL - Stream discharge of IW, includes drill cuttings, oil, brine and/or silt	0	1	1
307CSL - Discharge of industrial waste to waters of Commonwealth without a permit.	0	1	1
78.104 - INACTIVE STATUS - TERM OF INACTIVE STATUS – After 5 years inactive status term, owner or operator failed to return well to active status, obtain a one year inactive status extension, apply for renewal of inactive status or plug the well.	0	4	4

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.	30	29	1	60
78.54 - GENERAL REQUIREMENTS - Operator failed to control and dispose of fluids, residual waste and drill cuttings, including top hole 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.	63	134	30	227
78.54* - Failure to properly control or dispose of industrial or residual waste to prevent pollution of the waters of the Commonwealth.	0	1		1
78.56(a) - PITS AND TANKS FOR TEMPORARY CONTAINMENT - Operator failed to contain pollutional 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.	6		8	14
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.	0	2		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.	0	2		2
78.56(a)4i - PITS AND TANKS FOR TEMPORARY CONTAINMENT - Pit's synthetic liner did not meet required coefficient of permeability, lacked sufficient strength and thickness or was improperly designed, constructed and maintained.	0		1	1
78.56(a)4iv - PITS AND TANKS FOR TEMPORARY CONTAINMENT - Operator failed to manage pit to prevent contents from leaking due to liner being torn or loss of integrity.	0		1	1

78.56_(d) - Operator failed to remove or fill pit used for servicing, plugging or recompleting a well within 90 days of construction.	0	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.	26	146	17	189

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
78.62(a)11 - DISPOSAL OF RESIDUAL WASTE - PITS - Pit liner failed to be designed, constructed and maintained so that the physical and chemical characteristics of the liner are not adversely affected by the waste and the liner is resistant to physical, chemical and other failure during transportation, handling, installation and use.	0	2		2
78.62(a)15 - DISPOSAL OF RESIDUAL WASTE - PITS - Owner or operator failed to fold over or add additional liner to completely cover and shape waste and to prevent water from infiltrating pit or being confined above the liner.	0	1		1
78.62(a)16 - DISPOSAL OF RESIDUAL WASTE - PITS - Owner or operator punctured or perforated the pit liner.	0	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.	0	4		4
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.	2	10		12

78.64(b) - 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 provide sufficient capacity within dike or other method of secondary containment to hold the volume of the largest single tank, plus a reasonable allowance for precipitation.	2	1	3
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.	0	4	4
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.	1	17	19

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.	0	16	16
78.66(c) - REPORTING RELEASES - Owner or operator failed to properly report and describe a reportable release of brine by telephone, including pertinent information on: name, address and telephone number of the company and person reporting the incident, date & time of the incident or when it was detected, location and cause of the incident, quantity of brine released, impacts to soil, groundwater or surface water, and remedial actions.	0	2	2
78.66(e) - REPORTING RELEASES - Owner or operator failed to take necessary corrective actions during release to prevent substance from reaching waters of this Commonwealth, recover or remove the released substance, and properly dispose of the substance in accordance with this subchapter or as approved by the Department.	1	1	2
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.	0	24	24

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.	0	9	5	14
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.	0	5		5
78.74 - VENTING OF GAS - Operator vented gas to the atmosphere that produced a hazard to the public health and safety.	0	3		3
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.	0	3		3
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.	0		5	5

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.	0	1		1
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.	0	4		4
78.85(a) - CASING AND CEMENTING - CEMENT STANDARDS - Operator failed to use cement that meets or exceeds the ASTM international C 150, Type I, II or III Standard or API Specification 10 while cementing surface or coal protective casing.	0	3		3

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.	0	11	10	21
78.85(e) - CASING AND CEMENTING - CEMENT STANDARDS - Operator failed to notify the Department a minimum of 1 day before beginning cementing of the surface casing for cementing operations after 72 hours of commencement of drilling.	0	1		1
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.	0	49	41	90
78.88(d) - OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to immediately notify the Department and take corrective actions to repair or replace defective equipment or casing for wells exhibiting progressive corrosion, rusting or other signs of equipment deterioration that compromise the integrity of the well.	0	4		4
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.	3	2		5

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.	0	35	16	51
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.	0	1		1

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.	0	6		6
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.	31		1	32
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.	4		11	15
78a55(i)5iA - EMERGENCY RESPONSE – Planning – Operator’s emergency response plan failed to include the emergency contact information, including phone numbers, for the well operator’s local representative for the well site and the well operator’s 24-hour emergency phone number.	0		4	4
78a55(i)5iD - EMERGENCY RESPONSE – Planning – Operator’s emergency response plan failed to include a description of the procedure to be used to provide the most current information to emergency responders in the event of an emergency. Including the current Safety Data Sheet (SDS) required under law to be present at the well site, the location of the SDSs at the well site, the name of the position in the operator’s organization responsible for providing the information in sub clauses (I) and (II).	0		4	4
78a55(i)5iE - EMERGENCY RESPONSE – Planning – Operator’s emergency response plan failed to include a list containing the location of any fire suppression and spill control equipment maintained by the well operator at the well site.	0		4	4
78a55(i)5iF - EMERGENCY RESPONSE – Planning – Operator’s emergency response plan failed to include a description of any emergency equipment available to the operator that is located off of the well site.	0		4	4

78a55(i)5iG - EMERGENCY RESPONSE – Planning – Operator’s emergency response plan failed to include a summary of the risks and hazards to the public within 1/2 mile of the well site and the associated planning assumptions.	0		4	4
78a55(i)5iH - EMERGENCY RESPONSE – Planning – Operator’s emergency response plan failed to include an outline of the emergency response training plan that the operator has established.	0		4	4
78a55(i)5il - EMERGENCY RESPONSE – Planning - Failure of the operator to include the location of and monitoring plan for any emergency shut off valves located along well development pipelines.	0		4	4
78a55(i)5v - EMERGENCY RESPONSE – Planning - Failure of the operator to submit a copy of the emergency response plan and subsequent updates to PEMA, the Department, county emergency agency and the Public Safety answering point.	20			20
78a55(i)5vi - EMERGENCY RESPONSE – Planning - Failure of the unconventional well operator to have a copy of the emergency response plan at the well site during all phases of operation.	5		4	9
78a56(a) - TEMPORARY STORAGE - Operator failed to contain regulated substances and wastes used at or generated at a well site in a tank, series of tanks or other storage structures approved by the Department.	11		20	31
78a56(a)6 - TEMPORARY STORAGE – Operator’s tank or other approved storage structure failed to be designed, constructed and maintained to be structurally sound and reasonably protected from unauthorized acts of third parties.	1			1
78a56(a)8 - TEMPORARY STORAGE - Operator failed to display a sign on the tank or other approved storage structure identifying the contents and an appropriate warning of the contents such as flammable, corrosive or a similar warning.	0		2	2

78a56_(a)5 - TEMPORARY STORAGE – After violation(s) of 25 Pa. Code § 78a.56, operator failed to take the necessary measures to ensure the structural stability of the tank or other storage structure, prevent spills and restore the 2 feet of freeboard.	2			2
78a56_(d) - TEMPORARY STORAGE – Operator failed to close pit used for temporary storage in accordance with appropriate restoration standards within six months from October 8, 2016.	3			3
78a57(a) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS - Operator failed to collect brine and other fluids produced during operation of the well in a tank, series of tanks, or other device approved by the Department for subsequent disposal or reuse.	1		8	9
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	2
78a57(d) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS – Primary containment used to store brine or other fluids produced during operation of the well was not designed, constructed and maintained to be structurally sound in accordance with sound engineering practices adhering to nationally recognized industry standards and the manufacturer’s specifications.	0		2	2
78a57(i) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS – Operator failed to conduct inspections on tanks storing brine or other fluids produced during operation of the well at least once per calendar month.	0		5	5
78a57___(a) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS - Operator discharged brine and other fluids on or into the ground or into the waters of this Commonwealth.	2		4	6
78a58(a) - ONSITE PROCESSING - Operator failed to obtain Department approval to process fluids generated by the development, drilling, stimulation, alteration, operation or plugging of oil or gas wells or mine influenced water at the well site where the fluids were generated or at the well site where all of the fluid is intended to be beneficially used to develop, drill or stimulate a well.	2			2

78a59b(g) - WELL DEVELOPMENT IMPOUNDMENTS - Operator failed to properly restore the impoundment within 9 months of completion of hydraulic fracturing of the last well serviced by the impoundment.	6			6
78a60(a) - DISCHARGE REQUIREMENTS - Operator discharged a substance, fill or dredged material into waters of the Commonwealth contrary to 25 Pa. Code Chapters 91, 93, 95,102 and 105, The Clean Streams Law, Dam Safety and Encroachments Act and the 2012 Oil and Gas Act.	3			3
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 µmhos/cm) and no sheen from oil and grease.	0		4	4
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.	0		1	1
78a64(b) - SECONDARY CONTAINMENT AROUND OIL AND CONDENSATE TANKS - Owner or operator failed to provide sufficient capacity within dike or other method of secondary containment to hold the volume of the largest single tank, plus a reasonable allowance for precipitation.	0		1	1
78a64(d)2 - SECONDARY CONTAINMENT AROUND OIL AND CONDENSATE TANKS - The secondary containment drain valve was opened and resealed, or other drainage procedure conducted, as applicable, without responsible supervision.	0	1		1
78a64(e) - SECONDARY CONTAINMENT AROUND OIL AND CONDENSATE TANKS - Owner or operator failed to meet requirements of 25 Pa. Code § 78a.64 when an existing tank is replaced, refurbished or repaired or within two years from effective date of this regulation, whichever is sooner.	0		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.	4		1	5

78a64a(d) - SECONDARY CONTAINMENT - Secondary containment failed to have storage capacity sufficient to hold the volume of the largest single aboveground primary containment, plus an additional 10% of volume for precipitation.	0		1	1
78a64a(f) - SECONDARY CONTAINMENT – Operator failed to remove regulated substances that escaped from primary containment or otherwise spilled onto secondary containment as soon as possible and inspect the secondary containment after removal.	0		1	1

78a64a_(e) - SECONDARY CONTAINMENT – Operator failed to repair damaged or compromised secondary containment as soon as practicable.	0		1	1
78a64a__(d) - SECONDARY CONTAINMENT – Double walled tanks used to fulfill secondary containment requirements in 25 Pa. Code § 78a.64a failed to be capable of detecting a leak in primary containment.	0		1	1
78a64a___(e) - SECONDARY CONTAINMENT – Operator failed to remove stormwater as soon as possible and prior to the capacity of secondary containment being reduced by 10% or more.	0		1	1
78a65(a)1 - SITE RESTORATION - Post Drilling - Owner or operator failed to restore the land surface within 9 months after completion of drilling a well, in accordance with a restoration plan and remove all drilling supplies, equipment, primary containment and secondary containment not necessary for production or needed to safely operate the well.	4		9	13
78a65(a)1i - SITE RESTORATION - Post Drilling - Owner or operator failed to restore the land surface within 9 months after completion of drilling all permitted wells on the well site or 9 months after the expiration of all existing well permits on the well site, whichever is later.	1		1	2
78a65(a)2 - SITE RESTORATION - Post Plugging – Owner or operator failed to restore the land surface within 9 months after plugging the final well on the well site, remove all production or storage facilities, supplies and equipment and restore the well site to approximate original conditions and restore stormwater runoff rate, volume and quality to preconstruction condition in accordance with 25 Pa. Code § 102.8 (relating to PCSM requirements).	9			9

78a65(b) - SITE RESTORATION – Restoration Plan – Operator failed to develop and implement a restoration plan.	9			9
78a66(b)1 - REPORTING AND REMEDIATING SPILLS AND RELEASES – Reporting releases – Operator or other responsible party failed to report spills and releases of regulated substances to the Department.	5		3	8
78a68a(h) - HORIZONTAL DRILLING FOR OIL AND GAS PIPELINES - Horizontal directional drilling activities resulted in a discharge of drilling fluids to waters of the Commonwealth.	6			6
78a68b(a) - WELL DEVELOPMENT PIPELINES - The construction, installation, use, maintenance, repair, and removal of well development pipelines failed to meet applicable requirements in 25 Pa. Code Chapters 102 and 105.	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.	0		7	7
78a73(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.	0		40	40
78a74 - VENTING OF GAS - Operator vented gas to the atmosphere that produced a hazard to the public health and safety.	0	1	3	4
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.	1		42	43
78a81(a)3 - CASING AND CEMENTING - GENERAL PROVISIONS - Operator conducted casing and cementing activities that failed to prevent pollution or diminution of fresh groundwater.	1		17	18

78a85(a)4 - CASING AND CEMENTING - CEMENT STANDARDS - Operator failed to protect the casing from corrosion from, and degradation by, the geochemical, lithologic and physical conditions of the surrounding wellbore while cementing surface or coal protective casing.	0		1	1
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.	0		56	56
78a85(c)2 - CASING AND CEMENTING - CEMENT STANDARDS - After casing cement was placed and cementing operations were completed, the operator disturbed casing within 8 hours by nipping up on or in conjunction to the casing.	0		30	30
78a85(c)4 - CASING AND CEMENTING - CEMENT STANDARDS - After casing cement was placed and cementing operations were completed, operator disturbed casing within 8 hours by running drill pipe or other mechanical devices into or out of the wellbore.	0		8	8

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.	0		27	27
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.	0	1	34	35
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.	15	11	5	31
91.33_(B) - Failure to remove from the ground and from the affected waters of this Commonwealth the residual substances contained thereon or therein within 15 days from a pollution or a danger of pollution incident.	0	3		3

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.	12	5	7	24
CSL 301 - PROHIBITION AGAINST DISCHARGE OF INDUSTRIAL WASTES - Industrial waste discharged into Waters of the Commonwealth.	10	17	4	31
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.	1	25	6	32
CSL 401 - PROHIBITION AGAINST OTHER POLLUTIONS - Discharged substance of any kind or character resulting in pollution of Waters of the Commonwealth.	59	14	13	86
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.	89	44	56	189
CSL401 - CSL - Unauthorized, unpermitted discharge of polluting substances to waters of the Commonwealth resulting in pollution	1	1	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	7		8
OGA 3216(A) - Failure to restore disturbed land surface of a well site.	10	28	9	47
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.	7	17	4	28
OGA 3216(D) - Failure to remove production/storage facilities, supplies and equipment and restore the well site within 9 months of plugging a well.	0	1		1
OGA 3220(A) - Failure to plug the well upon abandoning it.	6	745	49	800
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.	0	30		30

OGA3218.2(A) - Failure to design and construct unconventional well site to prevent spills to the ground surface and off well site.	2		11	13
OGA3218.2(D) - Containment system(s) does not meet 110% capacity requirement.	1			1
OGA3258(A.1) - Drilling commenced without pre-operation 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.	1	9		10
SWMA 301 - Failure to properly store, transport, process or dispose of a residual waste.	80	145	65	290
SWMA301 - Failure to properly store, transport, process or dispose of a residual waste.	1	2		3
Total	948	3273	821	5042