

2020 VIOLATIONS SUMMARY

2020 VIOLATION SUMMARY	ADMINISTRATIVE/WELL_SITE	CONVENTIONAL	UNCONVENTIONAL	TOTAL
Administrative	364	2,272	68	2,704
102.4(b)5 - EROSION AND SEDIMENT CONTROL REQUIREMENTS – The E & S Plan did not contain the required drawings and narrative.	30	2		32
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.	9	12		21
102.5(e) - PERMIT REQUIREMENTS – Permittee failed to meet requirements for notifying or conducting a preconstruction meeting.	1			1
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.	33		3	36
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.	8			8
78.11(a) - PERMIT REQUIREMENTS - Drilling or altering a well without first obtaining a permit from the Department.		7		7
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.	2	13		15
78.121(A) - WELL REPORTING – PRODUCTION REPORTING – Conventional operator failed to submit annual conventional production and status report for permitted or registered well.	125	512		637
78.121(B) - WELL REPORTING – PRODUCTION REPORTING – Operator failed to electronically submit production and status report to the Department through its web site.	3	190	2	195
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.		8		8

2020 VIOLATIONS SUMMARY

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.		16		16
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
78.14(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.	1	4		5
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.		8		8
78.51(h) - PROTECTION OF WATER SUPPLIES - Well operator failed to 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
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
78.65(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.		1		1
78.88(a) - OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to inspect each operating well	1	76	1	78

2020 VIOLATIONS SUMMARY

quarterly for compliance with the well construction and operating requirements.				
78.88(A)_ - OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to record inspection results and retain records for at least 5 years for review by the Department.	3	75	1	79
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).	123	667		790
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.			4	4
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.	1	1	5	7
78a52a(a)1 - AREA OF REVIEW - Operator failed to identify the surface and bottom hole locations of active well bore paths within 1,000 feet measured horizontally from the vertical well bore and 1,000 feet measured from the surface above the entire length of a horizontal well bore.			2	2
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).	1			1
78a55(i)3iv - EMERGENCY RESPONSE – Registration - Failure of the operator to register change of well site address with PEMA, the Department, the Public Safety Answering Point and the county emergency management organization.	1			1
78a55(i)3v - EMERGENCY RESPONSE – Registration - Failure of the operator to register change of GPS coordinates for well site entrance to PEMA, the Department, the Public Safety Answering Point and the county emergency management organization due to a change in the well site address or otherwise.	1			1

2020 VIOLATIONS SUMMARY

78a55(i)4i - EMERGENCY RESPONSE – Sign - Failure of the operator to display a reflective sign at the entrance prior to construction of the access road.	1		4	5
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		5	8
78a55(i)4iv - EMERGENCY RESPONSE – Sign - Failure of the operator to position sign a minimum of 3 feet above ground level.	1			1
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(l)___ - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS – Operator failed to report tank deficiencies identified during the inspection to the within 3 days of the inspection.			2	2
78a59b(b) - WELL DEVELOPMENT IMPOUNDMENTS – Operator failed to register, within 60 days from October 8, 2016, the location of the well development impoundment providing the Department, the GPS coordinates, township and county where the well development impoundment is located as well as certification as to whether the impoundment meets the requirements in 25 Pa. Code § 78a.59b subsections (d, e, and h).	1			1
78a64a(h) - SECONDARY CONTAINMENT – Inspection reports and maintenance records failed to be available at the well site for review by the Department.			1	1
78a66(c)2i - REPORTING AND REMEDIATING SPILLS AND RELEASES – Remediating releases - Operator or other, responsible party failed to provide a complete initial written report within 15 business days of the spill or release.			1	1
78a69(e)3 - WATER MANAGEMENT PLANS - Operational Requirements – Person failed to electronically submit reports to the Department consisting of daily withdrawal volumes, in-stream flow measurements and/or water source purchases as required by the Department.	1			1

2020 VIOLATIONS SUMMARY

78a73(c) - GENERAL PROVISION FOR WELL CONSTRUCTION AND OPERATION – Operator conducting hydraulic fracturing failed to follow notification procedures relating to operators of active, inactive, abandoned, and plugged and abandoned wells identified within the area of review conducted under 25 Pa. Code § 78a.52a that likely penetrate the zone of hydraulic fracturing influence.			2	2
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
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
OGA 3222(B3) - WELL REPORTING – COMPLETION REPORT – Operator failed to submit a completion report within 30 days after completion of the well.		4	3	7
OGA3211(F1) - WELL PERMITS - DRILLING - 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	5	6
OGA3211(F2) - WELL PERMITS - DRILLING - 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.			7	7
OGA3211(G) - WELL PERMITS - POSTING - 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.	3	212		215
OGA3211(H) - WELL PERMITS - LABELING - Failure to install, in a permanent manner, the permit number on a completed well.	4	445	9	458
OGA3211(I) - WELL PERMITS - EXPIRATION -Failure to drill with due diligence.	2		5	7

2020 VIOLATIONS SUMMARY

OGA3214(B) - INACTIVE STATUS - MONITORING - Failure to monitor and report the mechanical integrity of an inactive well.		1	1	2
OGA3220(B) - PLUGGING REQUIREMENTS - Failure to notify DEP, the coal operator, lessee and owner prior to plugging a well underlain by coal and submit a plat.			1	1
OGA3220(C) - PLUGGING REQUIREMENTS - Failure to notify DEP, the coal operator, lessee and owner prior to plugging a well and submit a plat.		1		1
OGA3222(B.1) - WELL REPORTING – COMPLETION REPORT – Operator failed to submit a completion report containing all necessary information.			3	3
OGA3223 - NOTIFICATION AND EFFECT OF WELL TRANSFER - Failure to notify DEP sale / transfer of a well within 30 days.		5		5
OGA3225(A) - BONDING - GENERAL RULE -Failure to file application for Bond coverage.	1			1
OGA3252 - PUBLIC NUISANCES - Failure to comply with §§ 3217, 3218, 3219 or 3220 or a regulation, order, term or permit condition, constituting a public nuisance.		7		7
Environmental Health & Safety	3,936	1,695	1,028	6659
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.	453	57	12	522
102.11(A)2 - GENERAL REQUIREMENTS – BMP AND DESIGN STANDARDS - Person failed to design, implement and maintain PCSM BMPs to mimic preconstruction stormwater runoff conditions to protect, maintain, reclaim and restore water quality and existing and designated uses.	12	1	3	16
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.	194	43	12	249
102.22(a)1 - SITE STABILIZATION – PERMANENT STABILIZATION – Permittee failed to remove temporary E & S BMPs once permanent stabilization had been established.	16	9		25

2020 VIOLATIONS SUMMARY

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.	223	13		236
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.	460	64	12	536
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.	9	5		14
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.	220	8		228
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.	1			1
102.5(f) - PERMIT REQUIREMENTS – Person failed to implement the PCSM Plan.	17			17
102.5(l) - PERMIT REQUIREMENTS – Person failed to prepare and implement a PPC Plan when storing, using or transporting materials including: fuels, chemicals, solvents, pesticides, fertilizers, lime, petrochemicals, wastewater, wash water, core drilling wastewater, cement, sanitary wastes, solid wastes or hazardous materials onto, on or from the project site during earth disturbance activities.	1			1
102.5(m)4 - PERMIT REQUIREMENTS – GENERAL PERMITS – Person failed to comply with the terms and conditions of the E & S Control General Permit.	502		5	507

2020 VIOLATIONS SUMMARY

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.	21			21
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.	16		3	19
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.	23			23
105.171(a) - MAINTENANCE – Owner or permittee of a culvert or bridge failed to maintain the structure opening in good repair and assure that flood carrying capacity of the structure is maintained.		1		1
105.171(A)_ - MAINTENANCE – Owner or permittee of a culvert or bridge failed to remove silt and debris which might obstruct the flow of water through the structure.		1	1	2
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.		1		1
105.172(b) - INADEQUATE OR COLLAPSED STRUCTURES – Owner or permittee of a bridge or culvert that has collapsed or is in imminent danger thereof, failed to immediately remove the collapsed portions to an area outside the floodplain of the stream.		1		1
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.	21			21

2020 VIOLATIONS SUMMARY

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.	11			11
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.	20			20
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.	17			17
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.	49		2	51
105.47(b) - REMOVAL OF DAMS AND REMOVAL OR ABANDONMENT OF WATER OBSTRUCTIONS AND ENCROACHMENTS - Permittee failed to remove all or any part of the water obstruction or encroachment prior to discontinuing use or abandonment.	2			2
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.	9		1	10
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.	10	51	2	63

2020 VIOLATIONS SUMMARY

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.	8	56	1	65
78.56(a) - PITS AND TANKS FOR TEMPORARY CONTAINMENT - Operator failed to contain pollutorial 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.			7	7
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 pollutorial substances and wastes during drilling, altering, completing and plugging the well.		1		1
78.56(a)3 - PITS AND TANKS FOR TEMPORARY CONTAINMENT - Operator failed to design, construct and maintain pits or tanks to be structurally sound.		4		4
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.	6	77	9	92
78.60(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 Section 78.53.	1			1
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.	4			4

2020 VIOLATIONS SUMMARY

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.		4		4
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.		3		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.	2	1		3
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.		10		10
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.	1	3	1	5
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.		8		8
78.71(a) - USE OF SAFETY DEVICES - WELL CASING - Operator failed to equip the well with one or more strings of casing of sufficient cemented length and strength to attach proper well control equipment and prevent blowouts, explosions, fires and casing failures during installation, completion and operation.		4		4

2020 VIOLATIONS SUMMARY

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.	1	75		76
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.	1	5	3	9
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.	1			1
78.74 - VENTING OF GAS - Operator vented gas to the atmosphere that produced a hazard to the public health and safety.		12	2	14
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		5	6
78.85(a)5 - CASING AND CEMENTING - CEMENT STANDARDS - The operator failed prevent gas flow in the annulus. In areas of known shallow gas producing zones, gas block additives and low fluid loss slurries shall be used.	1		16	17
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	50	51	102

2020 VIOLATIONS SUMMARY

78.88(b)1-4 - OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to meet minimum requirements for inspections to determine compliance with the well construction and operating requirements.	1	58	1	60
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.		59		59
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).		4		4
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.	1	63	10	74
78.91(d) - PLUGGING - GENERAL PROVISIONS - Operator failed to follow requirements or other method approved by the Department to plug strata bearing or having borne oil, gas, or water for when the production casing could not be retrieved.			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.		4		4
78a103 - INACTIVE STATUS - ANNUAL MONITORING OF INACTIVE WELLS – Owner or operator failed to monitor well integrity (as appropriate) on an annual basis, give prior 3 business day notice, follow required method and submit monitoring reports by March 31.			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.	468	1	13	482

2020 VIOLATIONS SUMMARY

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.	26		46	72
78a55(i)5i - EMERGENCY RESPONSE – Planning - Failure of the operator to develop and implement an emergency response plan that provides for equipment, procedures, training and documentation to properly respond to emergencies that threaten human health and safety for each well site.	1			1
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).			5	5
78a55(i)5iii - EMERGENCY RESPONSE – Planning - Failure of the operator to submit a copy of current emergency response plan for the well site. Operator failed to submit a site-specific emergency response plan for well site.	1			1
78a55(i)5iv - EMERGENCY RESPONSE – Planning - Failure of the operator to review and submit an annual update of the emergency response plan on or before March 1st.	1			1
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.	1		6	7
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.	39		41	80

2020 VIOLATIONS SUMMARY

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.			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.			1	1
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.	2		26	28
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
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.	22		14	36
78a57(c) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS – Operator failed to install secondary containment for new, refurbished, or replaced aboveground primary containment, including their associated manifolds, that contain brine and other fluids produced during operation of the well.			4	4
78A57(C)_ - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS – Operator’s secondary containment area failed to provide capacity sufficient to hold the volume of the largest single aboveground tank, plus an additional 10% of volume for precipitation.	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.			17	17

2020 VIOLATIONS SUMMARY

78A57(D)_ - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS – Operator’s manifolded tanks used to store brine or other fluids produced during operation of the well were not designed in a manner to prevent the uncontrolled discharge of multiple manifolded tanks.	1			1
78a57(f) - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS – Operator failed to comply with the corrosion control requirements in 25 Pa. Code §§ 245.531 – 245.534 (relating to corrosion and deterioration prevention) for new, refurbished or replaced aboveground storage tank(s) that store brine or other fluid produced during operation of the well.		1		1
78A57(I)___ - CONTROL, STORAGE AND DISPOSAL OF PRODUCTION FLUIDS – Operator failed to address and remedy deficiencies noted during an inspection prior to continued use of the tank. Substantial modification(s) to correct deficiencies are not in accordance with manufacturer’s specifications and applicable engineering design criteria.	2		3	5
78A59B(B)_ - WELL DEVELOPMENT IMPOUNDMENTS – Operator’s impoundment failed to be upgraded to meet requirements in 25 Pa. Code § 78a.59b subsections (d, e, and h) or be restored in accordance with subsection 25 Pa. Code § 78a.59b (g) within twelve months from October 8, 2016.	1			1
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.	10			10
78A59B(G)_ - WELL DEVELOPMENT IMPOUNDMENTS - Operator failed to restore the impoundment to approximate original contours without Department waiver and written consent of landowner.	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.			1	1
78a64a(a) - SECONDARY CONTAINMENT – Well site was not designed and constructed using secondary containment.	2		2	4

2020 VIOLATIONS SUMMARY

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.	5		9	14
78a64a(c)3 - SECONDARY CONTAINMENT - Physical and chemical characteristics of all liners, coatings or other materials used as part of the secondary containment, that could potentially come into direct contact with regulated substances being stored, failed to be compatible with the regulated substance and be resistant to physical, chemical and other failure during handling, installation and use.			1	1
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.	3			3
78A64A(E)_ - SECONDARY CONTAINMENT – Operator failed to repair damaged or compromised secondary containment as soon as practicable.	3		4	7
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.	4		3	7
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.	2			2
78A64A(F)_ - SECONDARY CONTAINMENT – Operator failed to notify the Department and remediate the affected area in accordance with 25 Pa. Code § 78a.66, when secondary containment did not completely contain the material.			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.	9		3	12

2020 VIOLATIONS SUMMARY

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.	6		13	19
78a65(a)1iii - SITE RESTORATION - Post Drilling - Drilling supplies and equipment not needed for production were stored on the well site without written consent of the surface landowner.	3			3
78a65(a)3 - SITE RESTORATION – Wells Not Drilled – Well site failed to be restored within 9 months after the expiration of the well permit and an extension for reasons of adverse weather or lack of essential fuel, equipment or labor was not approved by the Department.	1			1
78a65(b) - SITE RESTORATION – Restoration Plan – Operator failed to develop and implement a restoration plan.			1	1
78a65(b)7ii - SITE RESTORATION – Restoration Plan – Operator’s restoration plan failed to be developed and implemented to address the permanent stabilization of the restored areas through implementation of PCSM BMPs as required by 25 Pa Code § 102.8, including § 102.8(a-m).			1	1
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.	2		9	11
78a66(b)1i - REPORTING AND REMEDIATING SPILLS AND RELEASES – Reporting releases – Operator or other responsible party failed to report a spill or release of a regulated substance causing or threatening pollution of the waters of this Commonwealth, in the manner required by 25 Pa. Code § 91.33 (relating to incidents causing or threatening pollution).			1	1
78a66(b)2 - REPORTING AND REMEDIATING SPILLS AND RELEASES – Reporting releases - Operator or other responsible party failed to contact the appropriate regional Department office by telephone or call the Department’s Statewide toll free number as soon as practicable, but no later than 2 hours after discovering the spill or release.			1	1

2020 VIOLATIONS SUMMARY

78A66(B)2_ - REPORTING AND REMEDIATING SPILLS AND RELEASES – Reporting releases – Operator or other responsible party failed to provide required information, to the extent known, during release reporting.			1	1
78a66(c) - REPORTING AND REMEDIATING SPILLS AND RELEASES – Remediating releases - Operator or other responsible party failed to remediate the area polluted by a spill or release.	1		5	6
78a68(a) - OIL AND GAS GATHERING PIPELINES - Construction, installation, use, maintenance, repair and removal of oil and gas gathering pipelines failed to be conducted in accordance with the requirements of 25 Pa. Code Chapters 102 and 105.	297			297
78a68(b) - OIL AND GAS GATHERING PIPELINES - Highly visible flagging, markers or signs failed to be used to identify the shared boundaries of the limit of disturbance, wetlands and locations of threatened or endangered species habitat prior to land clearing.	7			7
78A68(B)_ - OIL AND GAS GATHERING PIPELINES - Highly visible flagging, markers or signs failed to be used and maintained throughout earth disturbance activities and restoration or PCSM activities.	18			18
78a68(c)2 - OIL AND GAS GATHERING PIPELINES – Operator failed to prevent topsoil and subsoil from entering watercourses and bodies of water.	61			61
78a68(e) - OIL AND GAS GATHERING PIPELINES – Equipment was refueled within the floodway or within 50 feet of any body of water.	1			1
78a68(f) - OIL AND GAS GATHERING PIPELINES – Materials staging areas failed to be located outside of a floodway or greater than 50 feet from any body of water without written approval from the Department.	1			1
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
78A68B(D)__ - WELL DEVELOPMENT PIPELINES – Well development pipeline crossing over a watercourse, body of water or wetland failed to have shut off valves installed on both sides of the temporary crossing.	4			4

2020 VIOLATIONS SUMMARY

78a68b(f) - WELL DEVELOPMENT PIPELINES – Highly visible flagging, markers or signs failed to be placed at regular intervals, no greater than 75 feet, along the entire length of the well development pipeline.	2			2
78a69(a)1 - WATER MANAGEMENT PLANS – Person withdrew or used water from a water source within this Commonwealth for drilling or hydraulic fracture stimulation of any unconventional natural gas well governed by 25 Pa. Code Chapter 78a without a water management plan approved by the Department.	2			2
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.			54	54
78A73(C)___ - GENERAL PROVISION FOR WELL CONSTRUCTION AND OPERATION – The operator failed to immediately electronically notify the Department of any change to a well being monitored, of any treatment pressure or volume changes indicative of abnormal fracture propagation at the well being stimulated or if otherwise made aware of a confirmed well communication incident associated with their stimulation activities.			2	2
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.			57	57
78a81(a)3 - CASING AND CEMENTING - GENERAL PROVISIONS - Operator conducted casing and cementing activities that failed to prevent pollution or diminution of fresh groundwater.			50	50
78a83(g) - CASING AND CEMENTING - SURFACE AND COAL PROTECTIVE CASING AND CEMENTING PROCEEDURES - Operator failed to set and cement a coal protective string of casing thru workable coal seams. Failure to install base of coal protective casing at least 30 feet below lowest workable coal seam and install at least two centralizers , one within 50 feet of casing seat and second within 100 feet of surface.			6	6

2020 VIOLATIONS SUMMARY

78a85(a)5 - CASING AND CEMENTING - CEMENT STANDARDS - The operator failed to prevent gas flow in the annulus. In areas of known shallow gas producing zones, gas block additives and low fluid loss slurries shall be used.			50	50
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.			2	2
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.			89	89
78a86_ - CASING AND CEMENTING - DEFECTIVE CASING OR CEMENTING - Operator failed to plug a well under 25 Pa. Code §§ 78.91 and 78.98 after the defect could not be corrected or an alternate method was not approved by the Department.			1	1
78a88(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	6	8
78a88(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.			3	3
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.			13	13

2020 VIOLATIONS SUMMARY

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.	4	12		16
91.33(B) - INCIDENTS CAUSING OR THREATENING POLLUTION - Failure to immediately take steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution.	1	8		9
91.33(B)_ - INCIDENTS CAUSING OR THREATENING POLLUTION - 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.	1	11	4	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.	28	13	19	60
CSL 301 - PROHIBITION AGAINST DISCHARGE OF INDUSTRIAL WASTES - Industrial waste discharged into Waters of the Commonwealth.	70	10	3	83
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.	70	14	4	88
CSL 401 - PROHIBITION AGAINST OTHER POLLUTIONS - Discharged substance of any kind or character resulting in pollution of Waters of the Commonwealth.	98	5	10	113
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.	168	16	82	266

2020 VIOLATIONS SUMMARY

OGA3211(A) - WELL PERMITS - PERMIT REQUIRED - Drilling or altering a well without a well permit or no copy of the well permit at the well site.		3		3
OGA3211(M) - WELL PERMITS - WATER MANAGEMENT - Failure to obtain an approved water management plan for withdrawing or using water during the drilling or hydraulic fracture stimulation of an unconventional well.	2			2
OGA3216(A) - WELL SITE RESTORATIONS - GENERAL RULE - Failure to restore disturbed land surface of a well site.	5	10	13	28
OGA3216(B) - WELL SITE RESTORATIONS - PLAN - Failure to follow E&S control plan during and after earthmoving or soil disturbing activities.	1	1		2
OGA3216(C) - WELL SITE RESTORATIONS - PITS, DRILLING SUPPLIES AND EQUIPMENT - 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.	8	32	3	43
OGA3216(D) - WELL SITE RESTORATIONS - ITEMS RELATED TO PRODUCTION OR STORAGE - Failure to remove production/storage facilities, supplies and equipment and restore the well site within 9 months of plugging a well.		8	3	11
OGA3217(B) - PROTECTION OF FRESH GROUNDWATER AND CASING REQUIREMENTS - CASING - 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.		2		2
OGA3218.2(A) - CONTAINMENT FOR UNCONVENTIONAL WELLS - SITES - Failure to design and construct unconventional well site to prevent spills to the ground surface and off well site.	4		1	5
OGA3218.2(D) - CONTAINMENT FOR UNCONVENTIONAL WELLS - CAPACITY Containment system(s) does not meet 110% capacity requirement.	2			2
OGA3218.4(B) - CORROSION CONTROL REQUIREMENTS - OTHER STRUCTURES - Failure to comply with corrosion control requirements for permanent tanks.	1	57	7	65

2020 VIOLATIONS SUMMARY

OGA3218.4(D) - CORROSION CONTROL REQUIRMENTS - PROCEDURES - Failure to carry out or direct corrosion control requirements by a person qualified in corrosion methods.	1	7	6	14
OGA3219 - USE OF SAFETY DEVICES - Failure to use casing of sufficient strength and other safety devices to prevent blowouts, explosions and fires.		1		1
OGA3220(A) - PLUGGING REQUIREMENTS - Failure to plug the well upon abandoning it.	8	453	12	473
OGA3234(A) - Storage operator failed to comply with locating, plugging or reconditioning requirements.	1			1
OGA3259(1) - UNLAWFUL CONDUCT - 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	51		55
OGA3259(2I) - UNLAWFUL CONDUCT - 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	7	1	11
OGA3259(2II) - UNLAWFUL CONDUCT - Conducting a drilling or production activity in a manner that creates a public nuisance or adversely affects public health, safety, welfare or the environment.		10		10
OGA3259(5) - UNLAWFUL CONDUCT - Causing abandonment of a well by removal of casing or equipment necessary for production without plugging.		3		3
SWMA 301 - MANAGEMENT OF RESIDUAL WASTE - Person operated a residual waste processing or disposal facility without obtaining a permit for such facility from DEP. Person stored, transported, processed, or disposed of residual waste inconsistent with or unauthorized by the rules and regulations of DEP.	98	90	105	293
SWMA 302(A) - DISPOSAL, PROCESSING AND STORAGE OF RESIDUAL WASTE - Person disposed, processed, stored, or permitted the disposal, processing or storage of residual waste in a manner which is contrary to the rules and regulations of DEP or to any permit or to the terms or conditions of any permit or any order issued by DEP.	5	48	8	61

2020 VIOLATIONS SUMMARY

SWMA 302(B)1 - DISPOSAL, PROCESSING AND STORAGE OF RESIDUAL WASTE - Person failed to use methods or facilities necessary to control leachate, runoff, discharges and emissions from residual waste in accordance with DEP regulations.		3		3
SWMA 302(B)3 - DISPOSAL, PROCESSING AND STORAGE OF RESIDUAL WASTE - Person failed to design, construct, operate or maintain facilities and areas in a manner that do not adversely effect affect or endanger public health, safety and welfare or the environment or cause a public nuisance.		8	11	19
SWMA 610(1) - UNLAWFUL CONDUCT - Person dumped or deposited, or permitted the dumping or depositing, of solid waste onto the surface of the ground or underground or into the waters of the Commonwealth, without a permit for the dumping of such solid wastes from DEP.	4	50	7	61
TOTAL	4,300	3,967	1,096	9363