

Drinking Water Well Investigations Conducted by CCDOH Potentially Impacted by Gas and Oil Well Activity

Abbreviations: petro=petroleum by-products; 503.1=VOCs; Cl=chloride; IOC=primary drinking water inorganics; oil & gas indicators=Na,Ca,K,Cl1,Fe,Mg,Mn,pH,SO4,Alk,TDS,Pb,Sr,Ba,meth/eth,bact;

Complaint & Investigation Information												Well Information				Comments
Township	Complaint Date	Complaint	Investigation	Water Sampled	Analyses	Results	Conclusion	Type	Year Drilled	Depth	Depth to Rock					
	9/21/1961	water cloudy ever since gas well drilled 1 y.a.; odor and grit		yes	TC and HPC	<1 TC; 5700 HPC										
Chautauqua	5/1/1983	Gas and Oil odor and taste	6/30/1986	yes	petro,503.1	negative for parameters tested	inconclusive	driven	1952	55			No abnormal levels for parameters tested			
Poland	11/1/1983	Methane gas in water well and house	11/1/1983	yes	petro,503.1, methane - numerous times	high methane	Methane contamination						Problem reportedly impacted 12 homes in area; Short residence was worst. This is a very large file containing several consultant reports and a report by Dr. Harrison, hydrogeologist. Homeowner contacted NYDEC, Local, State and Federal representatives. Many Public meetings held. Methane tests show National Fuel lines are not the source of problem. Soil around house and in basement and well casing was vented to resolve problem. Data showed no abnormal levels for parameters tested except methane.			
Ellicott	11/18/1983	Possible Gas well contamination in water well	11/18/1983	yes	petro,503.1	negative for parameters tested	inconclusive						Advised to contact NYDEC for further investigation			
Ellicott	5/18/1984	Gas in water	5/18/1986	yes	chloride,turbidity, bact, methane	positive for chloride and methane	inconclusive	drilled		113			Water tested in May and Nov. Both times chloride levels were above MCL (412 and 396)			
Ellington	5/29/1984	Methane gas in water	5/29/1984	yes	petro,503.1	negative for parameters tested	inconclusive	drilled	1960	113			No abnormal levels for parameters tested			
Gerry	6/1/1984	Odor, bad taste,Methane Gas in spring supply	1/21/1987	yes	petro,503.1,fe/mn,bact,Clorides,loc's (numerous)	Mn-2.0to4.0mg/l,Fe-3.9mg/l,Ba-1.4mg/l, benzene, toluene & other VOCs present in low levels	well impacted by minerals in soil	dug			8		Hydrogeo study Phase 1&2 by Dr. Sam Harrison. Very large file, water testing many different times. Inorganic testing found high Ba,Cl, Fe,Mn. Harrison report concludes Mn is from soil. Owner contacted many different agencies for resolution. HD smapled from 1987-1993.			
Ellington	7/16/1984	Odor, taste and color problems	7/16/1984	yes	bact, chloride, iron, turbidity, methane	negative for parameters tested	no methane detected	drilled	1967	100			No abnormal levels for parameters tested			
Harmony	11/30/1984	Brine spreading on Stevens Road		no			inconclusive						Letter of concern written to NYDEC(Robert Wozniak) on 11/30/84. Respond by saying any complaints must be directed to the Town Of Harmony			
Carroll	7/16/1985	Possible Gas well contamination in water well		no			inconclusive						No investigation on this complaint			
Cherry Creek	12/9/1985	gas in water	12/9/1985	yes	loc's	negative for parameters tested	inconclusive						No abnormal levels for parameters tested			
Clymer	1/13/1986	Brine in well	2/5/1986	yes	Chloride and loc's	Positive for chloride,calcium, sodium and Hardness,	well possibly impacted by brine						Barium, Hardness and Chloride levels (very high 968mg/L) all exceed NY State MCL's			
Ellery	1/30/1986	Cloudy water that tastes like gas which burns his mouth	11/30/1986	yes	petro,503.1	negative for parameters tested	inconclusive						No abnormal levels for parameters tested			
Hanover	2/4/1986	Methane gas in water	2/4/1986	no			None						No water test, no conclusions, no answers			
Cherry Creek	2/7/1986	Taste and oder problems	2/10/1986	yes	petro,503.1	negative for parameters tested	inconclusive						No abnormal levels for parameters tested			
Ripley	2/11/1986	Odor in well water, possible gas well contamination	2/25/1986	yes	bact	negative for parameters tested	inconclusive	drilled		42			No abnormal levels for parameters tested			
Sheridan	2/13/1986	Experiencing a bubbling, foamy and scum problems with their water well	2/25/1986	yes	bact	Bacteria Levels high	Advised to boil water used for consumption						Disinfection need of well			
Sheridan	2/21/1986	Drinking water contamination from local gas well drilling	2/25/1986	yes	bact	Bacteria levels high	inconclusive						Disinfection need of well			
Arkwright	2/24/1986	Water turbid with oily sheen	2/25/1986	yes	bact	negative for parameters tested	inconclusive						No abnormal level for parameter tested. Next door neighbors have no problems with water			
Poland	3/12/1986	Oily film on surface of water	3/13/1986	yes	petro,503.1	negative for parameters tested	inconclusive	drilled					No abnormal levels for parameters tested			
Poland	3/31/1986	Petroleum smell to water. Faucets spit and sputter	4/8/1986	yes	petro,503.1,bact	negative for parameters tested	inconclusive	drilled	pre-1950	100			No abnormal levels for parameters tested. Upon inspection, homeowner said that there was an oil spill around the well pump			
Pomfret	4/11/1986	Water tasting terrible	5/5/1988	yes	bact	Bacteria levels high	Advised to boil water used for consumption						Disinfection need of well			
Ellery	4/14/1986	Water contains clay contamination	4/14/1986	yes	bact	negative for parameters tested	inconclusive	drilled	1940's	147			No abnormal levels for parameter tested			
Poland	4/25/1986	Problems with water	4/29/1986	yes	bact	negative for parameters tested	inconclusive	drilled	1967	170			No abnormal levels for parameters tested			
Sherman	4/25/1986	Salty taste in well water possible gas well contamination	5/9/1986	yes	Ca, Na, TDS, Cl,petro,503.1,Fe/Mn	Ca-72mg/L, Na-840mg/L, TDS-2613mg/L, Cl-1270mg/L	well impacted by brine						No recommendation given to the homeowner about what to do with well water			
Villanova	5/5/1986	Water has bad oder	5/21/1986	yes	petro,503.1,bact	Bacteria Levels high, Negative for other parameters	Surface contamination around well casing	drilled	1923	30			Large file. Homeowner contacted NYDEC(Allen Alexander), Senator Moynihan & Present.CCDOH recommended that a chlorination system be installed			
Stockton	5/7/1986	Gas odor and taste from well water	6/9/1987	yes	bact	Bacteria Levels high	Advised to boil water used for consumption						Disinfection need of well			

Villanova	5/20/1986	Water has bad odor	5/29/1986	yes	petro,503.1,bact	Benzene-140mcg/L Toluene-1mcg/L	No impact from the surrounding gas wells	drilled	1977	50	Large file. Homeowner contacted NYDEC(Allen Alexander), along with the CCDOH. Well tested again 2/23/1987 w/ no presence of Benzene or Toluene
Chautauqua	6/2/1986	Salty taste to water possible due to local gas drilling	6/2/1986	yes	chloride,loc's	Cl-309mg/L,Ca-66mg/L,TDS's-744mg/L	well possibly impacted by brine	drilled	1976	106	Cl and other IOC's very high which exceed NY State MCL's
Villanova	6/10/1986	Possible well water contamination from local gas well drilling	6/30/1986	yes	petro,503.1	negative for parameters tested	inconclusive	drilled		30	No abnormal levels for parameters tested
Villanova	6/12/1986	Possible Gas well contamination	6/12/1986	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Villanova	6/12/1986	Possible well water contamination from local gas well drilling	6/30/1986	yes	petro,503.1	negative for parameters tested	inconclusive	drilled		60	No abnormal levels for parameters tested
Villanova	6/12/1986	Possible well water contamination from local gas well drilling	6/30/1986	yes	petro,503.1	negative for parameters tested	inconclusive	driven		32	No abnormal levels for parameters tested
Ellery	6/26/1986	grey water coming to ground surface in her yard	6/30/1986	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Clymer	7/7/1986	brown color of water and particles in it since gas well fractured on adjoining property	7/7/1986	yes	petro, purgeable aromatics	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Portland	7/11/1986	Gasoline tasting water	7/21/1986	yes	petro,503.1,bact	negative for parameters tested	inconclusive	drilled	1974	93	No abnormal levels for parameters tested
Busti	7/22/1986	Gas in water	7/22/1986	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Chautauqua	7/24/1986	Water is cloudy and dirty. Drilling rig has just pulled out of the area earlier	7/24/1986	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Gerry	8/18/1986		8/18/1986	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Dunkirk	8/21/1986	Sulfer smell	8/22/1986	yes	petro,503.1	negative for parameters tested	H2S problem				No abnormal levels for parameters tested
Chautauqua	8/29/1986	Taste and oder problems	8/29/1986	yes	petro,503.1, loc's and chlorides	negative for parameters tested	inconclusive	drilled	1980	74	No abnormal levels for parameters tested
Sherman	9/18/1986	Water has oily sheen and foul odor and taste	9/18/1986	no			inconclusive				No noticable color, odor, sheen when water is drawn into a clear glass, Not strong enough to sample
Ellery	9/24/1986	Oil in water	9/24/1986	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Busti	10/6/1986	Gas in water	10/7/1986	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Busti	10/15/1986	Water is cloudy, smells and tastes funny. Gas well located 200 feet from water well	10/20/1986	yes	petro,503.1,bact	negative for parameters tested	inconclusive	drilled	1984	178	No abnormal levels for parameters tested
Carroll	10/20/1986	Oil noted in drinking water	10/20/1986	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Gerry	11/7/1986	Water has bad smell	11/10/1986	yes	petro,503.1,bact	negative for parameters tested	inconclusive	drilled	1961	70	No abnormal levels for parameters tested.Neighbors with similar problems
Westfield	12/9/1986	Oily and blackish color to water	12/30/1986	yes	petro,503.1,TDS's and chlorides	Bacteria levels high, Negative for other parameters	Advised to boil water used for consumption	drilled	1968	40	Disinfection need of well
Ellington	12/18/1986	Brown oily film on water	12/28/1986	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Busti	1/6/1987	Oily film on water and smells like gas	1/13/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Stockton	1/14/1987	Water taste like it has petroleum in it	1/13/1987	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Gerry	1/21/1987	Petroleum smell to water	1/21/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Chautauqua	1/26/1987	Gas and Oil oder and taste	1/28/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Pomfret	1/28/1987	Water tastes like salt, smells and killed tropical fish	1/28/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Ripley	1/28/1987	Odor in well water, possible gas well contamination	2/11/1987	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Busti	1/28/1987	Oily film on water in humidifer pan and strong oder of water	2/12/1987	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
North Harmony	2/3/1987	Water smells like Oil City, children at residence ill	2/5/1986	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Ellery	2/13/1987	Oil in water supply	2/13/1987	yes	petro,503.1	Elevated levels of Hydrocarbons found in test results	Thin layer of oil found during inspection	drilled		104	Inspector suggest oil was coming from submersible pump. On 2/17/1987 homeowner confirmed that he contacted well driller and that there was oil in pump
Stockton	2/17/1987	Kerosene oder in water	2/17/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive	drilled		120	No abnormal levels for parameters tested
Carroll	2/18/1987	Increase sulfur smell and changes is taste	2/23/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested.
Gerry	2/24/1987	Oil in water	3/19/1987	yes	petro,503.1	negative for parameters tested	inconclusive	drilled			No abnormal levels for parameters tested

Gerry	2/24/1987	Oily film on water	3/19/1987	yes	petro,503.1	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Ellington	3/10/1987	Odor and taste, black stain in sink and dishes	3/10/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive	drilled	1970's	90		No abnormal levels for parameters tested
Stockton	3/19/1987	No complaint form in file	3/19/1987	yes	petro,503.1	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Chautauqua	3/25/1987	Get water from pond and is chlorinated. Funny taste and odor. Fish kill	3/27/1987	yes	petro,503.1	negative for parameters tested	inconclusive					No abnormal levels for parameters tested. No dead fish observed and duck's observed swimming on pond
Ripley	3/30/1987	Fish dying in pond possible gas well contamination	4/13/1987	yes	petro,503.1	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Chautauqua	3/30/1987	Water is foul tasting	4/9/1987	yes	petro,503.1,fe/mn,OCSS-1	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Stockton	4/6/1987	problems with drinking water	4/9/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Harmony	4/17/1987	Suspect brine from nearby gas well is contaminating their well	4/21/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive	drilled		9		No abnormal levels for parameters tested
Chautauqua	4/23/1987	Rilley water with Methane in water. Can light faucet with match.	4/27/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive	drilled	1971	107		No abnormal levels for parameters tested
Ellery	5/26/1987	Oily taste in water	5/27/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Mina	5/28/1987	Possible oil in water	6/4/1987	yes	petro,503.1,PCB's	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Gerry	6/9/1987		6/9/1987	yes	petro,503.1	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Ellery	6/10/1987	Blackish water	6/10/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Ripley	6/25/1987	Problems with salt and sulphur in water well	7/13/1987	yes	Ca, Na, TDS, Cl	Bacteria levels high, Cl- 244mg/L, TDS- 575mg/L, Na-200mg/L, Ca 9.7mg/L	well possibly impacted by brine					Bacteriological sample was unsatisfactory (disinfection of well recommended), TDS slightly over recommended levels, Na and Cl- high. Treatment recommendations given to homeowner.
Ellicott	6/26/1987	oil in water and odor	8/17/1987	yes	petro,503.1,bact	Positive for Bact. Negative for other parameters tested	inconclusive					Advised to boil water for consumption until corrective measures have been taken
Poland	6/30/1987	Petroleum smell to water	8/5/1987	yes	petro,503.1,bact	Bacterial levels high, all other parameters tested were negative	inconclusive					Advised to boil water for consumption until corrective measures have been taken. Disinfecting the well
North Harmony	7/23/1987	Strange odor. Would like it tested for Bacteria, Gas/Oil and other chemicals	8/5/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Harmony	7/29/1987	Gas/Oil in water due to neighbors gas well	8/5/1987	yes	petro,503.1,bact	Low levels of hydrocarbon contamination	Not safe for water consumption					Low levels of hydrocarbon contamination, not recommended for human consumption
Gerry	8/3/1987	Sediment in water, odor & tastes bad	8/5/1987	yes	petro,503.1,fe/mn,bact	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Westfield	8/3/1987	Having problems with water	8/6/1987	yes	petro,503.1, TDS's and chlorides	Na-2140mg/L, Ca-620mg/L, TOC's- 8675mg/L, Cl-5250mg/L	well impacted by brine					Advised not to use water - recommended that they contact the NYSDEC for further advice
Stockton	8/10/1987	Water appears contaminated by leachate- Red in color	8/17/1987	yes	petro,503.1,fe/mn,bact	Bacteria Levels high	Advised to boil water used for consumption					No abnormal levels for other parameters tested
Ellington	8/10/1987	Turbidity in water (for 2 weeks) maybe due to gas well contamination	8/10/1987	yes	petro,503.1	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Stockton	8/24/1987	Salty taste to water	8/25/1987	yes	petro,503.1,bact,IOC's, Chlorides	Cl-725mg/L, Na-490mg/L, Ca-33mg/L, TDS- 1460mg/L	well impacted by brine					Recommended that continuous chlorination be installed. No recommendation on how to remedy the high levels of IOC's
Gerry	8/31/1987	Staining in sink and tub	9/1/1987	yes	petro,503.1,fe/mn,bact	Fe/Mn high, negative for petro & 503.1	inconclusive					No abnormal levels for parameters tested except Fe & Mn. Water treatment advised
Gerry	8/31/1987	Staining in sink	9/1/1987	yes	petro,503.1,fe/mn,bact	Fe/Mn high, Bact level 248, negative for petro & 503.1	inconclusive	spring				No abnormal levels for parameters tested except Fe & Mn. Water treatment advised
Gerry	8/31/1987	Sulfer smell	9/1/1987	yes	petro,503.1,fe/mn,bact	negative for parameters tested	inconclusive	drilled		75	38	No abnormal levels for parameters tested
Gerry	9/1/1987	Oder	9/1/1987	yes	petro,503.1,fe/mn,bact	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Ellery	9/8/1987	Water smells and appears bad	9/14/1987	yes	petro,503.1,bact	No results in file	inconclusive					No results in file
Stockton	10/22/1987	Cattle getting sick from creek water being consumed	10/22/1987	yes	petro,503.1,bact,TDS	negative for parameters tested	inconclusive					No abnormal levels for parameters tested
Sheridan	11/2/1987	Salty taste in well water maybe from runoff from salt piles located at town barns	12/7/1987	yes	Ca, Na, TDS, Cl	Ca-60mg/L, Na-330mg/L	inconclusive					No abnormal levels for parameters tested. Recommended that individuals on low Na diets should use caution if drinking water

Sheridan	11/2/1987	Salty taste in well water	11/2/1987	yes	Ca, Na, TDS, Cl	Ca-170mg/L, Na-230mg/L	inconclusive	drilled		36	No abnormal levels for parameters tested. Recommended that individuals on low Na diets should use caution if drinking water
Stockton	11/12/1987	Oil or kerosene in well	11/12/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Westfield	12/22/1987	Gas or oil entering well serving barn and house trailer	12/28/1987	yes	petro,503.1,bact	negative for parameters tested	inconclusive	drilled	1960's	58	No abnormal levels for parameters tested
Stockton	1/21/1988	Oily smell in the water	1/26/1988	yes	petro,503.1,bact	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
North Harmony	3/7/1988	Taste and oder of gas in well water	12/14/1989	yes			unable to contact homeowner				No contact with homeowner
Ripley	3/10/1988	Well water yellowish in color possible contamination from local gas well drilling	3/10/1988	yes	petro,503.1,fe/mn,IOC's	Ba-0.12mg/l,Fe-0.35mg/l,Mn-0.06mg/l,Strontium-0.11mg/l	inconclusive				No abnormal levels for parameters tested
Clymer	3/22/1988		3/22/1988	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Ellery	3/22/1988	Water tap gives off strong gas smell	4/11/1988	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Busti	3/23/1988	Gas in water, can light faucet with a match		no			inconclusive				Called to set time to investigate, no answer
Poland	3/28/1988	Water has slight chemical odor and taste, possible gas well contamination	4/12/1988	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Mina	4/4/1988	No complaint written in file	4/4/1988	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Ripley	4/11/1988	Smell of gas coming from faucet	4/11/1988	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Busti	5/24/1988	Oily sheen on tap water	11/28/1988	yes	bact	negative for parameters tested	inconclusive	drilled	1967		Suspect surface water infiltration. Well cap is present but loose. Significant pooling of surface water around casing
Westfield	6/1/1988	Water tastes very salty, killing the house plants	6/1/1988	yes	petro,503.1,bact,TDS, Na,Ca,Cl	Ca-77mg/L, Na-410mg/L	inconclusive			80	Na and Ca were higher than recommended. Given info on how to treat water
Mina	7/18/1988	Wants water sampled for Pb per her doctor	7/18/1988	yes	petro,503.1,bact, Pb	Bacteria Levels high, Negative for other parameters	Advised to boil water used for consumption	drilled	1969	110	Disinfection need of well
Ripley	7/29/1988	Possible well water contamination form local gas well drilling	7/28/1988	yes	Ca, Na, TDS, Cl,petro,503.1,bact,Fe/Mn,bact	Ba-2.1mg/l,Fe-0.345mg/l,Mn-0.05mg/l,Na-160mg/L,Ca-64mg/L	inconclusive				Also investigated by NYDEC(Allen Alexander). TDS slightly over recommended levels, high Na. No direct link in local gas well to homeowners well
Poland	9/7/1988	Oily black film with strong petroleum odor.	12/5/1988	yes	petro,503.1,fe/mn,IOC's	Ba-0.25mg/l,Cu-0.068mg/l,Fe-1.66mg/l,Mn-0.128mg/l,Strontium-0.095mg/l/L	Methane contamination				Large file. Homeowner contacted NYDEC,Local, State and Federal representatives. CCDOH sent 2 informational packets regarding Iron
Chautauqua	10/25/1988	Water smells like lighter fluid	10/26/1988	yes	petro,503.1	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Pomfret	2/2/1989	Water smells like petroleum, staining of sinks and toilet	2/6/1989	yes	petro,503.1,fe/mn	Ba-260mg/L,Fe-663mg/L,Mn-404mg/L,Zn-241mg/L	inconclusive Fe+MN				Fe and Mn is what is staining sinks and toilet. Other parameters meet State Drinking Water Standards
Ripley	5/8/1989	Retesting water for bacteria and investigate chemical test in water	5/25/1989	yes	Ca, Na, TDS, Cl,petro,503.1,bact,Fe/Mn	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Harmony	8/23/1989	Gas oder and taste from well water		no			Needs water treatment system				No water test done.Given options of identifying and/or correcting the problems such as filtration
Poland	12/13/1989	Oil in well and in pond		no			inconclusive	driven		14	No samples taken. When homeowner was talked to, they stated that there was no problem with the well water put with the pond
North Harmony	5/24/1990	Gas and oil complaint	5/24/1990	yes	petro,503.1,fe/mn, Chlorides	negative for parameters tested	inconclusive				No abnormal levels for parameters tested
Sheridan	7/5/2001	Terrible odor coming from neighbor's gas well, possible spill	7/5/2001	no			Chemical spill				Neighbor spilled Cl2 on wood floor of his trailer. Upon inspection odor greatly reduced
Ellicott	1/14/2003	Deisel odor in tap water	1/22/2003	no			abandoned well in basement thought to allow SW to contaminate GW				Advised to properly disinfect and cap abandoned well
Pomfret	5/19/2003	Unusual taste suddently appeared in tap water	1/22/2003	yes	Pb, NO3, NO2, Bact, Chlorides	all good except chlorides-5,670mg/l	well impacted by brine				Only source of Cl- in area are gas wells located upgrade ~750 ft; water well drilled into bedrock
Gerry	2/17/2004	Unusual taste in tap water	2/17/2004	yes	Na, Fe, Mn, Ba, Chlorides	all good except chlorides-1,880mg/l	well impacted by brine or raod salt				need water well info
Ellington	9/28/2005	Pre-Gas well drilling analysis	10/6/2005	yes	pH, Hardness, TDS, Bact, Cl, Methane/Ethane,IOC	Levels for all parameters tested were below MCL's	No impact from the surrounding gas wells				No abnormal levels for parameters tested
Ellery	8/11/2006	New well has stong odor and bad taste	7/20/2006	yes	petro,VOC,SOC,IOC, PCBs,Chlorides, metals	Cl:2550-3140mg/l, Ba:4.4-5.2mg/l, TDS:3290-4280mg/l, Na:1070-1200mg/l	well impacted by brine; odor is H2S	drilled	2006	100	46.5 Extensive testing and chemical fingerprinting completed that shows well is contaminated with brine.

	1/16/2007	Possible Gas well contamination in two water wells	1/16/2007	yes	TDS, Cl, Fe/Mn,503.1	negative for parameters tested	No impact from the surrounding gas wells			125&77.5		Homeowner has good water quality
Hanover	5/11/2007	Contaminants in water including methane causing skin irritation/rash		yes	Chloride,Na, TDS,	Cl-800mg/l, Na-50mg/l, TDS-1600mg/l	well impacted by brine					Tested and investigated by Diefenbach Water Systems
Hanover	5/11/2007	Possible Gas well contamination in water well. Water causing skin irritation and burning		yes	TDS, Cl, Na	TDS-1200-1600mg/L, Cl-800mg/L, Na-500mg/L	well possibly impacted by brine					RO is the only way to remove Na and Cl from water
Kiantone	5/14/2007	Possible Gas well contamination in water well. Sample taken before and after gas well	1/9/2008	yes	pH, Hardness, TDS, Bact, Cl, Methane/Ethane	Levels for all parameters tested increased after gas well was drilled	Gas well impact	drilled	2/2/2005	85		Contact the gas drilling company for additional samples
Ellery	6/6/2008	Pre-Gas well drilling analysis										
	7/7/2008	Pre-Gas well drilling analysis	7/7/2008	yes	pH, Hardness, TDS, Bact, Cl, Methane/Ethane	pH-7.51,Hardness-268,TDS-372mg/L,Cl-79mg/L, No bact or Methane/Ethane						No abnormal levels for parameters tested
	7/7/2008	Pre-Gas well drilling analysis	7/7/2008	yes	pH, Hardness, TDS, Bact, Cl, Methane/Ethane	pH-7.77,Hardness-138,TDS-182mg/L,Cl-18mg/L, No bact or Methane/Ethane						No abnormal levels for parameters tested
	7/7/2008	Pre-Gas well drilling analysis	7/7/2008	yes	pH, Hardness, TDS, Bact, Cl, Methane/Ethane	pH-7.09,Hardness-254,TDS-382mg/L,Cl-79mg/L,bact-Present,No Methane/Ethane						Advised to boil water for consumption until corrective measures have been taken. Disinfecting the well
	7/7/2008	Pre-Gas well drilling analysis	7/7/2008	yes	pH, Hardness, TDS, Bact, Cl, Methane/Ethane	pH-7.48,Hardness-142,TDS-163mg/L,Cl-11mg/L,bact-Present,No Methane/Ethane						Advised to boil water for consumption until corrective measures have been taken. Disinfecting the well
Hanover	8/7/2008	Rotten egg smell to water		no								Recommended to contact Oil and Gas drilling company and request water testing
Poland	8/8/2008	Gas in water	8/8/2008	no		low methane	Methane contamination	drilled	1967			Presence of gas bubbles in the water. Referring complaint to the NY Dept. of Conservation Mineral Resource Division for further investigation
Poland	5/13/2009	methane in water	5/20/2009	yes	oil&gas indicators	normal-reviewed results over phone	low amount of methane in water	drilled	1988			when tap first opened it pops a little methane but does not ignite; this case is associated with Marring (next door) and with Knapp across street who had to evacuate due to extremely high methane levels.
Hanover	6/15/2009	well went dry	6/16/2009	no			pond dug by gas well driller upstream of water well cut off recharge and caused well to go dry	drilled	~100 yo	46		Water well located 100 ft from small creek that was dammed up to provide source of frac water for gas well located upstream. DEC ECO Gowan phoned in complaint to CCDOH and to Div Minerals. Pond removed and water eventually restored. Gas drilling co. offered to pay for cleaning water well.
Chautauqua	10/9/2009	Rotten egg smell to water coincident to nearby gas drilling		no			H2S problem					Discussed situation - recommended testing
Poland	10/12/2010	well dry-what little water there is is black and plugging fixtures	10/13/10	yes	oil&gas indicators	normal except contains low methane	severe iron bacteria	drilled	1990	103	12	before and after tests similar; water observed to contain biofilm masses, met US Energy rep on site during investigation; sample collected for microscopic exam of microbes on 4/5/11, anal reported 1 amoeba/100 ml and confirmed iron bacteria.
Chautauqua	1/13/2011	gas in hot water - can light on fire - past 7 years	unable to set up appt									
Gerry	5/5/2011	via DEC R9 - gas in water	5/10/2011	yes	flame tested tap and sampled for bacteria	would not ignite; TC bacteria pos	visually confirmed gas in water	drilled	~1990	100	unknown	water contains lots of gas but could not ignite; problem started ~1 y.a. and gradually getting worse; well is drilled into shale rock; discussed treatment of methane and recommended sampling for standrad list of O&G indicators. Referred to DEC for further investigation 5/31/11