



Department of
Environmental
Conservation

NEW YORK STATE OIL, GAS AND MINERAL RESOURCES 2013

DIVISION OF MINERAL RESOURCES

625 Broadway

Albany, New York 12233-6500

www.dec.ny.gov

Division Mission Statement

The Division of Mineral Resources is responsible for ensuring the environmentally sound, economic development of New York's non-renewable energy and mineral resources for the benefit of current and future generations.

This report was produced by the
NYS Department of Environmental Conservation

Division of Mineral Resources
625 Broadway Albany, NY 12233-6500
(518) 402-8076

Bradley J. Field, Director

Table of Contents

Oil, Gas and Solution Mining	5
2013 Executive Summary & Trends	5
Permits and Completions	6
Oil & Gas Production.....	7
State Land Oil and Gas Leasing.....	8
Underground Gas Storage.....	9
Solution Salt Mining.....	10
Well Plugging	13
Mined Land Reclamation.....	14
2013 Executive Summary & Trends.....	14
Permits and New Mines	16
Mines in New York.....	17
Reclamation	23

Figures

Figure 1 - Drilling Permits and Well Completions, 2004-2013.....	6
Figure 2 - New York State Oil and Gas Production, 2004-2013	7
Figure 3 - Producing Formations for New York Natural Gas, 2008-2013.....	7
Figure 4 - Total Leasing Revenues, 2009-2013.....	8
Figure 5 – Map of Underground Gas Storage and Solution Mining Fields	12
Figure 6 - Chart of New Mines by Commodity, 2013.....	16
Figure 7 – Map of Mines in New York State.....	19

Tables

Table 1 - Mined Land Reclamation Permits, 2009-2013.....	16
Table 2 - Range of Mine Sizes, 2009-2013	18
Table 3 - Counties with Highest Percentage of Acreage Permitted by Mining, 2013.....	18
Table 4 - Number of Permits, Acreage and Reclaimed Acreage by County, 2013	20

Photos

Photo 1 - View from the south looking north of the reclaimed east end of the dredge pond at the Whortlekill Rod & Gun Club mine site.	23
Photo 2 - Grading of side slopes at the Tilcon Suffern Quarry.....	24
Photo 3 - The Tilcon Suffern Quarry during mining operations.....	24
Photo 4 - The Vly Resources mine during active mining operations.....	25
Photo 5 - The Vly site in July 2013 after successful revegetation.....	25

Photo 6 - The pond excavated during mining operations and surrounding grass lands at the Gro
Max-Ostrander Mine..... 26
Photo 7 - Reclaimed area at the Tracy Materials-Windy Hill Bank in June 2013. 27

Appendices

Oil and Gas Summary Statistics, 2004-2013 A
Oil and Gas Production by Town, 2013 B
Drilling Permits Issued During 2013..... C
Drilled Wildcats and Field Extensions, 2013 D
Mined Land Permits, Issued During 2013..... E
Mine Commodities, 2013..... F
Mines With Final Reclamation During 2013 G

Oil, Gas and Solution Mining

2013 Executive Summary & Trends

Production, Market Value and Economic Impact

New York State natural gas production in 2013 was 23.4 billion cubic feet (bcf), down 11% from the previous year. Trenton-Black River production declined 16% to 10.2 bcf, accounting for 44% of 2013 gas production. Gas production from the Herkimer decreased 23% from the previous year to 1.5 bcf in 2013, while gas production from the Medina decreased by 7% to 8.5 bcf. Oil production decreased 5% from the previous year to 375,571 barrels (bbls) in 2013.

The oil and gas produced in New York State in 2013 is valued at an estimated \$136.14 million. Approximately \$4.08 million was generated for local government taxes. Approximately \$17.02 million was generated in royalties for landowners. Oil and gas development occurs in the most western parts of the State and the Finger Lakes region.

Wells

In 2013, New York well owners reported 13,903 wells (all regulated well types). Most of these wells were drilled to explore for and/or produce oil or natural gas. Other well types reported in the 2013 total include underground gas storage, solution salt mining, geothermal, brine disposal and stratigraphic. The total number of wells completed decreased 3% to 176 in 2013.

In 2013 a total of 268 operators reported 2,622 wells with zero production. This is in addition to over 3,500 orphaned and inactive wells in the Department's records.

In 2013, New York held \$25.3 million to guarantee well plugging and site reclamation.

Regulatory Activity

Drilling permits issued decreased 5% to 167 in 2013. Total drilled depth of the wells for the year was approximately 371,714 feet (or 70.4 miles).

No compulsory integration hearings were conducted in 2013, although 4 finalized orders from hearings held in 2012 were issued during the 2013 calendar year.

In 2013, DMN's Oil and Gas staff performed 3,185 inspections and traveled 76,293 miles. Staff inspect well sites:

- during permit application review;
- during drilling and plugging work, with emphasis on cementing operations;
- to ensure regulatory requirements are followed and that violations, if any, are remediated;
- during production and prior to ownership transfers to ensure compliance;
- to ensure that reclamation meets requirements; and
- to investigate complaints.

Permits and Completions

Drilling Permits

DEC issued 167 drilling permits in 2013, down 5% from the previous year:

- 140 oil
- 3 natural gas
- 8 stratigraphic
- 14 brine
- 1 storage
- 1 geothermal.

In 2013 DEC issued permits for wells in 12 counties; the top 3 based on total permits were Cattaraugus (110), Allegany (27), and Wyoming (13).

- Oil well drilling permits were issued for Cattaraugus (110), Allegany (26), and Steuben (4) Counties.
- Gas well drilling permits were issued for Chenango (2) and Erie (1), Counties.

Well Spuds and Completions

- The number of wells spud (started) in 2013 was 149.
- The total number of completions decreased 3% from 182 in 2012 to 176 in 2013.
- Gas well completions decreased 8% from 12 in 2012 to 11 in 2013.
- Oil well completions decreased 7% from 138 in 2012 to 129 in 2013.
- Completions for other regulated well types in 2013 totaled 36.

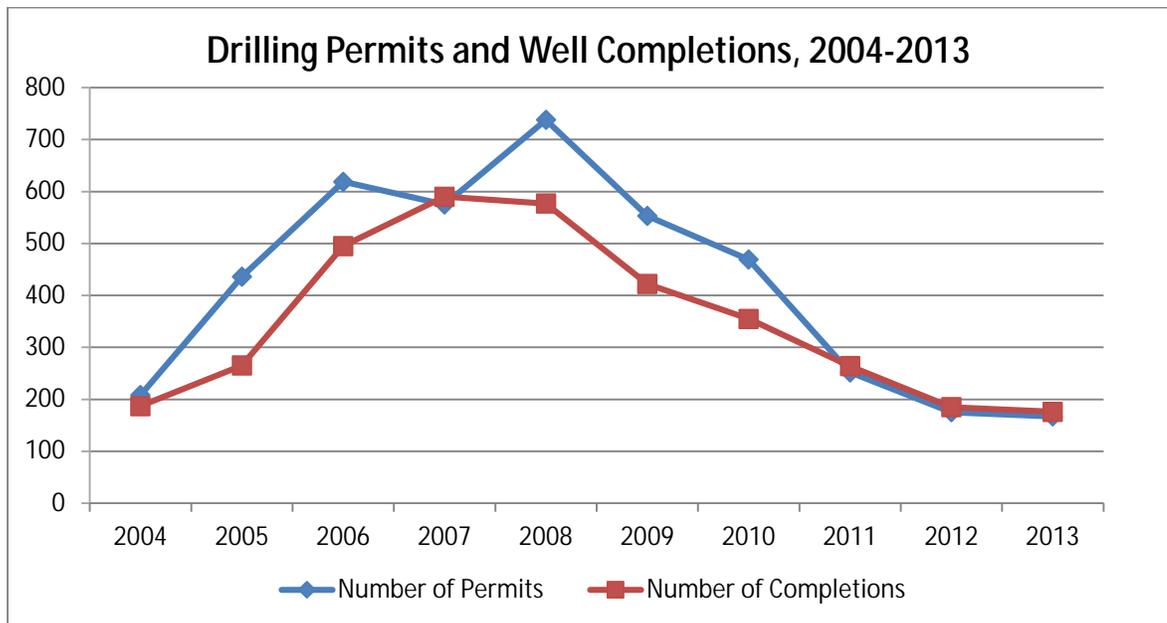


Figure 1 - Drilling Permits and Well Completions, 2004-2013

Oil & Gas Production

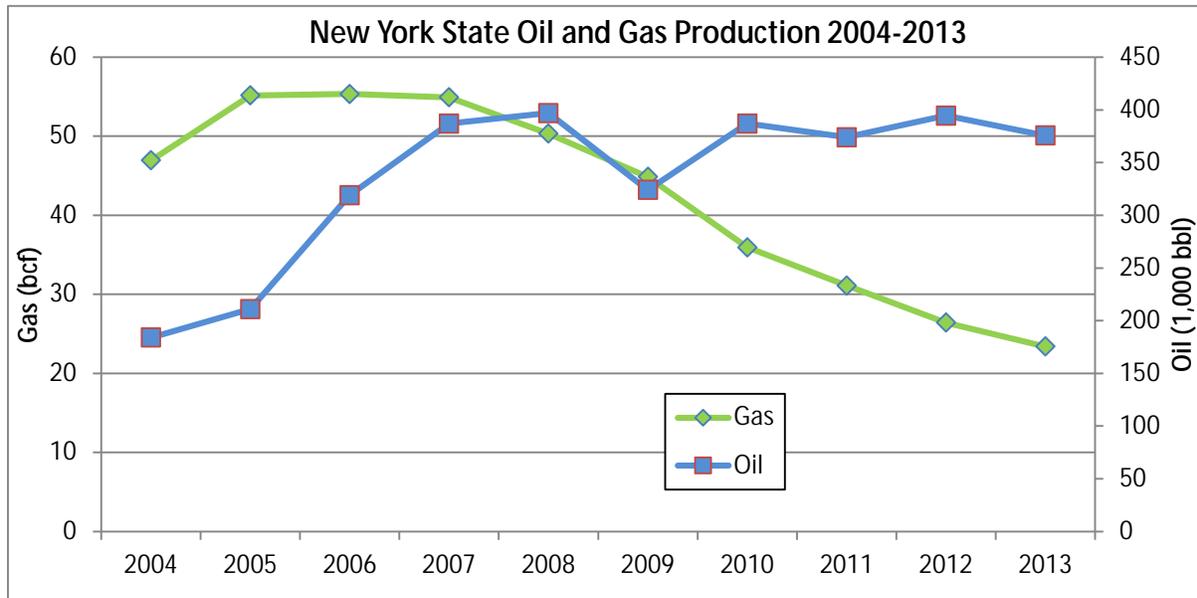


Figure 2 - New York State Oil and Gas Production, 2004-2013

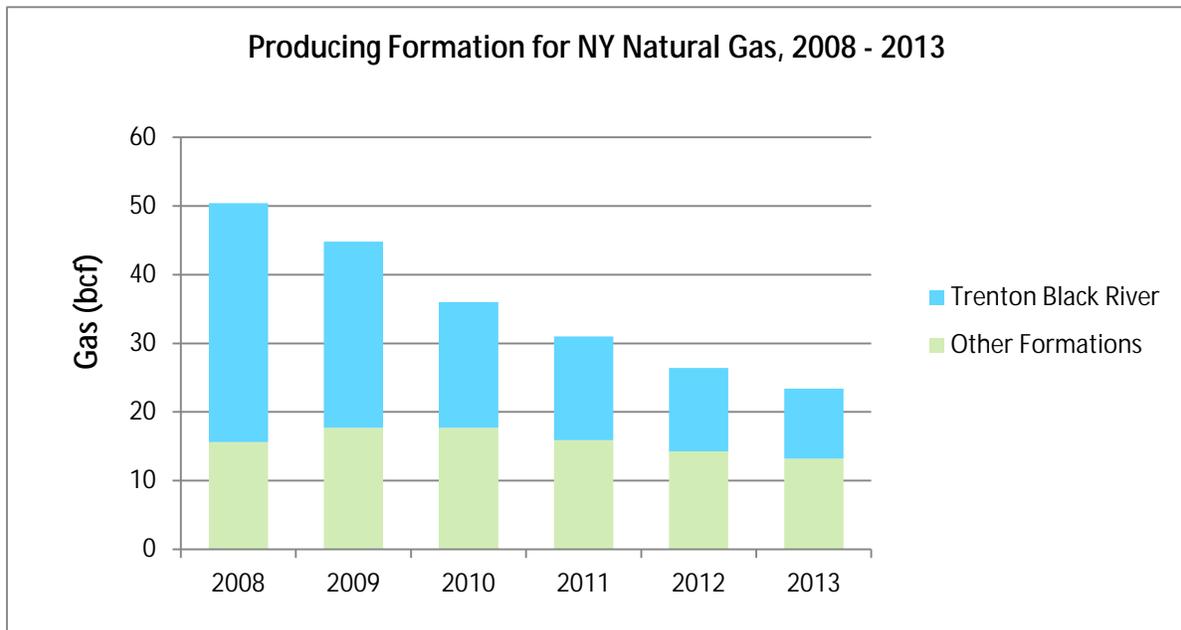


Figure 3 - Producing Formations for New York Natural Gas, 2008-2013

State Land Oil and Gas Leasing

In 2013, DEC administered 79 leases on 44,464 acres of state land in Allegany, Cattaraugus, Cayuga, Chautauqua, Chemung, Erie, Ontario, Schuyler, Seneca, and Steuben Counties. There were 237 wells located on and/or unitized with state land associated with 65 of these leases paying production royalties.

The 44,464 leased acres are unchanged from 2012.

Revenues from oil and gas leases on state lands totaled \$402,640 in 2013, an increase of \$84,031 from 2012. The higher leasing revenues paid to the state can be attributed primarily to the rise in oil and natural gas prices during 2013. The average price of oil increased from \$96.91/bbl in 2012 to \$98.45/bbl in 2013, while the average wellhead price of natural gas increased from \$2.63/mcf in 2012 to \$3.52/mcf in 2013.

Although nearly 59,000 acres of state land have been leased since 1999, only 37 (0.06%) of these acres have been disturbed by well drilling, access road and pipeline construction.

State Acreage under Lease at Year-End 2013

- DEC State Forests - 32,383 acres
- DEC Wildlife Management - 1,059 acres
- Other State Agencies - 11,022 acres

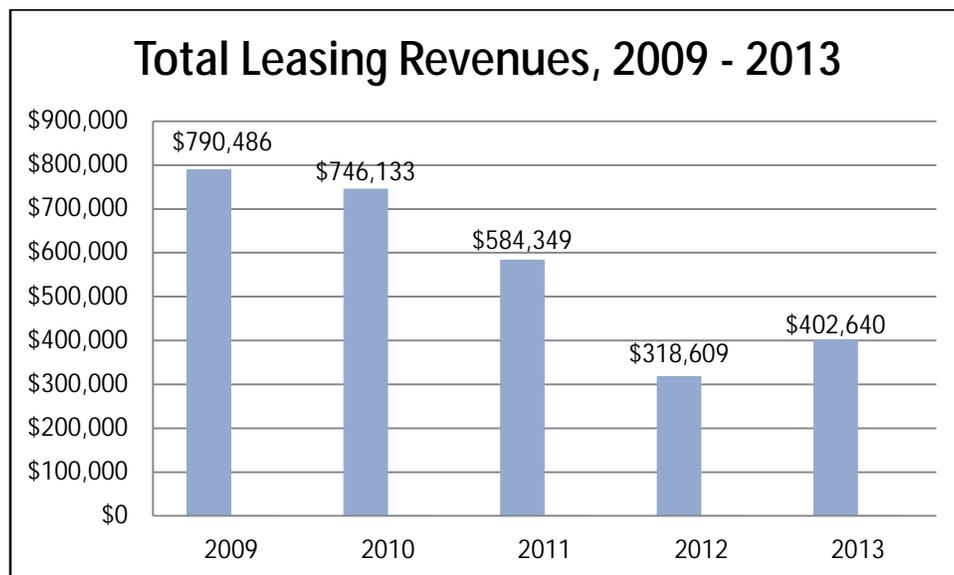


Figure 4 - Total Leasing Revenues, 2009-2013

Underground Gas Storage

Natural gas and liquefied petroleum gas (LPG) are stored underground to help meet seasonal and peak demand for gas while providing a relatively stable market for produced gas. Generally, gas is injected into wells when consumer demand is low and withdrawn when demand increases during times of peak usage over days or seasons. Natural gas is stored in New York in depleted gas reservoirs and salt caverns while LPG is stored in salt caverns and a mined underground cavern.

2013

There are 26 natural gas storage facilities and 3 LPG storage facilities in New York, concentrated in the central and western regions near both gas production fields and gas transmission facilities.

Natural Gas Storage

- Natural gas injection/withdrawal and monitoring/observation wells: 957
- Total storage capacity: 244.8 bcf
- Utilization: 69.7 bcf injected, 80.6 bcf withdrawn
- Maximum daily deliverability: 2.76 bcf
- Working gas capacity: 130.1 bcf
- Storage at year-end: 190.5 bcf
- Storage capacity in use at year-end: 78%

Seven different companies operate the 26 underground natural gas storage fields in New York State, with over half of the storage fields owned by National Fuel Gas Supply. Depleted natural gas reservoirs in the Onondaga, Oriskany and Medina Formations are used by 25 of the facilities, and the remaining one uses a solution-mined cavern in the Syracuse Formation. These formations range in depth from 1,500 to 5,000 feet below the earth's surface.

Liquefied Petroleum Gas Storage

- LPG injection/withdrawal wells: 15
- Total Storage Capacity: 166.2 million gallons
- Utilization: 210.4 million gallons injected, 240.3 million gallons withdrawn

New York's three LPG underground storage facilities are located in Cortland, Steuben, and Schuyler Counties. Finger Lakes LPG Storage, LLC is the owner of the facility in Steuben County and Enterprise Products Operating, LLC is the owner of the facilities in Cortland and Schuyler Counties.

Solution Salt Mining

Salt and How it is Mined

Approximately 8,500 square miles of New York State are underlain by rock salt beds of potential commercial thickness. Salt is mined in New York via two methods: underground rock salt mining and solution mining. New York typically ranks third in total salt mined among the salt-producing states in the United States.

Where the Salt Is Found

New York's salt deposits occur layered with shale, dolomite, and anhydrite in the lower part of the Silurian-aged Salina group. The Salina group outcrops in an east-west band from near Buffalo and Rochester through Syracuse to Herkimer County. The salt is approximately 4,000 feet deep at the New York/Pennsylvania border.

Where Solution Mining Occurs

Solution mining operations for salt recovery currently take place at two fields in Schuyler County and three fields in Wyoming County. The solution mining method has also been used and is planned for future use to create underground caverns for storing natural gas and LPG. This use is not included in the well and production statistics compiled below.

How Solution Mining Works

Fresh water is injected into the salt beds, through wells which are similar in construction to oil and gas wells, to dissolve the salt. The resultant brine is then pumped to the surface.

Solution Mining Statistics - 2013

Well Summary

Plugged wells at current facilities: 237
Unplugged wells at current facilities: 159

Brine Production

Fresh water injected: 1.98 billion gallons
Brine withdrawn: 1.94 billion gallons

How the Salt Is Used

Brine is brought to the surface for evaporation or chemical manufacturing. Salt mined in New York State is used for chlorine and soda ash production as well as for food products and for a

wide range of market segments, including agricultural, water conditioning, industrial and chemical, and packaged ice control. Customers range from home improvement, hardware, grocery and convenience store retailers, to food makers/processors, water conditioning dealers, and food service and general wholesale distribution.

The Department estimates that the annual value of salt production from solution mining in New York is approximately \$100 million.

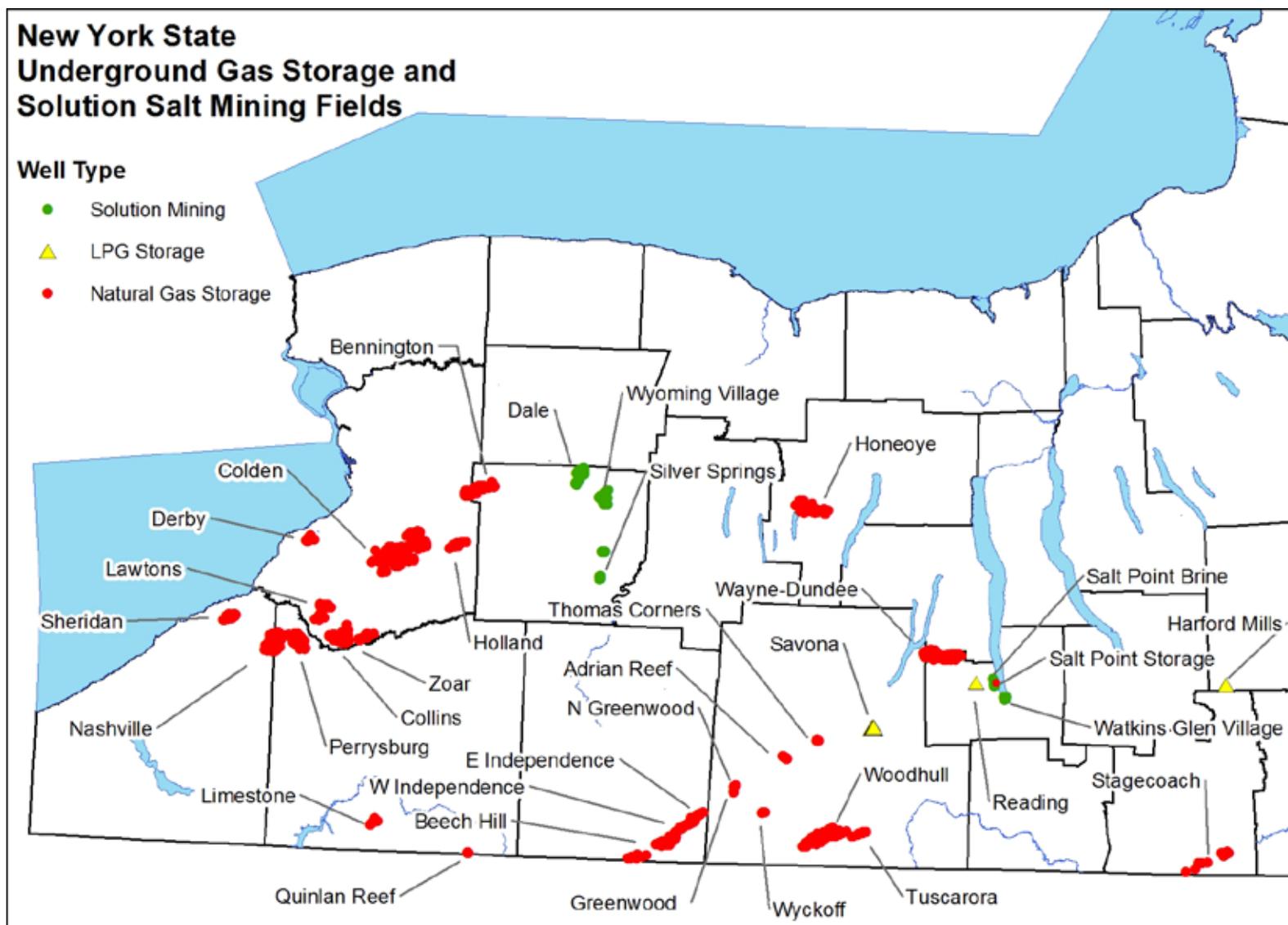


Figure 5 – Map of Underground Gas Storage and Solution Mining Fields

Well Plugging

At the end of their economic life, wells must be plugged in accordance with statutory and regulatory requirements. To ensure the sufficiency of funds for well plugging, the DEC holds financial security in amounts statutorily determined based on an operator's number of wells and their depths. At year-end 2013, DEC held \$25.32 million in financial security to guarantee well plugging and well site reclamation. This represents an increase of \$1.44 million from the amount held at year-end 2012.

In 2013, operators plugged 274 wells in accordance with requirements in DEC-issued plugging permits. Of the 274 wells plugged in 2013:

- 222 (81%) of the plugged wells were oil and secondary recovery wells in the old oilfields of western New York;
- 32 (12%) were gas wells; and
- 20 (7%) were comprised of a mix of other regulated well types.

Plugging occurred in 19 counties with 51% of the plugging jobs in Cattaraugus County and 28% in Allegany County. As noted above, the vast majority of plugging jobs involved old oil wells, particularly in the Richburg and Bradford Fields.

Abandoned Well Plugging

Orphaned wells have been abandoned by their original owners and the majority of these wells were drilled prior to the existence of a regulatory framework in New York. There are over 3,500 orphaned and inactive wells in the Department's records. The DEC's Oil and Gas Account (originally called the Oil and Gas Fund) is dedicated to the plugging of orphaned and abandoned oil and gas wells. The account receives \$100 from every ECL 23 Permit to Drill issued by the DEC. At year-end 2013, this account held \$105,591.

The 2013-14 FY budget included \$2 million for the plugging of abandoned oil and gas wells in the state. This much-needed allocation is part of the New York Works II program, and is referenced as the *New York Works Well Plugging Initiative (NYWWPI)*. In 2013, two contracts were awarded under the NYWWPI for the plugging of nine abandoned gas wells in the City of Rome. The Division continued to inspect and evaluate well sites to support the development of additional well plugging projects.

Additionally, DEC staff continued working with the U.S. Environmental Protection Agency (USEPA) and the U.S. Coast Guard to plug oil wells with federal funds from the Oil Pollution Act of 1990. As a direct result of DEC staff efforts, USEPA has undertaken several plugging projects in New York State.

In 2013 USEPA plugged a total of 26 wells in two counties, as follows:

- Allegany County – 12 wells on the Adrian Oil Lease in the Town of Alma; and
- Cattaraugus County – 14 wells on the Crooks Oil Lease in the Town of Carrollton

In conjunction with the well plugging efforts, the well sites were reclaimed.

Mined Land Reclamation

2013 Executive Summary & Trends

Mineral Production, Market Value and Economic Impact

Mining occurs in every region of New York State except the New York City area, as shown on the map entitled “Mines in New York” (see link below). The U.S. Geological Survey estimated the annual value of New York's mineral production in 2009 at \$1.37 billion. The estimated economic impact from mining in New York in 2011 (the most recent year for which this data is available) is \$4.98 billion.

Production of the State's major mined commodities remains relatively constant from year to year. New York ranks sixteenth nationally in terms of overall nonfuel mineral production. Typically, New York ranks second in industrial garnet production, third in salt, sixth in construction sand and gravel, common clays and dimension stone, and fourteenth in crushed stone. New York remains the sole domestic producer of wollastonite. New York is also a significant producer of masonry cement, portland cement, and peat.

The Center for Governmental Research, Inc. (CGR) document entitled “The Economic Impact of the New York State Mining and Construction Materials Industry, October 2011” prepared for the New York State Geological Survey/New York State Museum states that the majority of mining in New York is for construction materials used to build and maintain the State's infrastructure. The mined commodities, in addition to the hot mixed asphalt, ready mix concrete and cement industries, were responsible for generating \$1.2 to \$1.3 billion in wages and 28,000 to 30,000 jobs in New York State. CGR estimates the mining and construction materials industry contributes about \$100 million in public sector revenues (sales tax, personal income tax, motor fuel tax, corporate franchise tax and Mined Land Reclamation Law fees). The Division assessed \$4.15 million in regulatory program fees in 2013, which is slightly higher than the amount assessed in 2012.

Types of Mines and Mineral Usage

The most common mine types in 2013 were sand and gravel (1,578), limestone (86), and bluestone (75). In 2013, New York had 1,983 active mines, a decrease of 40 mines from 2012. The vast majority of these mines produced sand and gravel or other surficial deposits such as glacial till, clay or topsoil. Sand and gravel mines account for over 80% of DEC-regulated mines and 19 of the new mining permits issued in 2013, or 56%, were for sand and gravel.

There were 320 hardrock mines producing material ranging from bluestone, limestone, shale and salt, to less common products such as wollastonite. Most of New York's hardrock mines are surface quarries, but there are several permitted underground mines.

The Mineral Information Institute reports that “every American born will consume 3.0 million pounds of minerals, metals and fuels in their lifetime”. In addition to recycled materials, nearly 38,212 pounds of new minerals must be provided every year for the things that every person in the United States uses.

Permitting and Reclamation Statistics

The number of permitted mines has declined for 15 consecutive years. Mine operators continued to replace production by expanding current mines, rather than opening new ones. This trend held true for both sand and gravel mines and hardrock quarries. Only 34 of the 459 mined land reclamation permits issued in 2013 were for new facilities.

A total of 47,142 acres were affected by mining in 2013 out of a total approved life-of-mine area of 125,147 acres. All affected acreage must be reclaimed at the conclusion of mining operations. Concurrent reclamation can be accomplished immediately upon completion of a portion or "phase" of a mine while mining occurs elsewhere within the life of mine area, or reclamation of the entire affected area can occur when mining has stopped, known as final reclamation. The Division of Mineral Resources continues to have success promoting concurrent reclamation with 907 acres reclaimed at 104 operating mines. Final reclamation of 380 acres occurred at 64 closed mines bringing the 2013 total to 1,287 acres. Roughly 35,643 acres of land affected by mining have been reclaimed since 1975.

In 2013 New York held \$246.1 million in financial security to guarantee mine site reclamation.

Inspections

In 2013 Mined Land staff performed 2,199 mine inspections and traveled 118,686 miles. Staff inspect mine sites:

- during permit application review;
- during operation for general compliance;
- to ensure that violations are remediated;
- to ensure that reclamation meets requirements; and
- to investigate complaints.

Permits and New Mines

The Division issued 34 permits for new mines and 425 renewals or modifications, for a total of 459 permits. Sand and gravel mines were the most common type of newly-permitted mines in 2013.

Mined land reclamation permits are issued for terms of five years or less and may be renewed. A renewal permit allows continued operation of the mine within approved limits. A modification permit authorizes changes, such as addition of processing equipment or expansion of the mine's surface area or depth beyond the original approved limits.

Table 1 - Mined Land Reclamation Permits, 2009-2013

	2009	2010	2011	2012	2013
New Permits	34	39	26	46	34
Renewals	319	260	266	267	311
Modifications	185	117	102	115	114
Total Permits	538	416	394	428	459

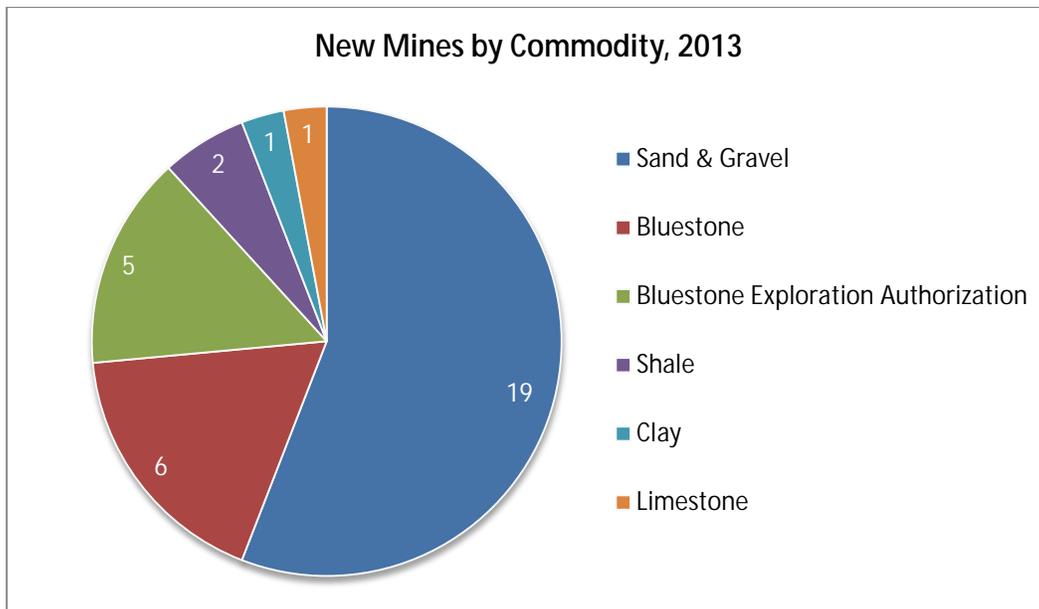


Figure 6 - Chart of New Mines by Commodity, 2013

Mines in New York

Owner Type

There are 1,983 active mines as shown on the following map. In 2013, industry operated 1,580 mines or almost 80% of the mines in New York State. Towns, villages and other small local government entities operated 356 mines, and 40 mines were county-owned and operated. New York State agencies operate 7 mines. Most of the government mines belong to highway departments which use the material for road maintenance.

Trends in Mine Size and Number

Mine renewal and modification permits issued in 2013 ranged in life-of-mine acreage from 1 to 710 acres. However, new mines tend to be smaller; about 44.1% of new mines permitted in 2013 were 10 acres or less in size. The largest new mine was the 120.8-acre Seneca Meadows Inc. Seneca View Surface Mine in Seneca County.

The following tables give 2009-2013 size range information for all active mines, including detailed information on mined land and reclamation permits by county. While the number of mines has been decreasing over time, the rate of decline has been greater for mines under 10 acres in size than those greater than 10 acres. This was due to many operators expanding or combining existing mines rather than seeking permits for new sites combined with final reclamation of mines. This trend began to change, in 2009, when the required regulatory fees were increased for sites with greater than 20 acres affected by mining.

The minor projects in the first row of the below table are always less than 5 acres in size. They are subject to a simpler review process, but must comply with very strict criteria to be considered minor: minimum setbacks from homes and surface waters; a maximum 20-foot mine depth; no mining below water table; no hardrock (consolidated material) mining; and no on-site processing equipment, such as washing or crushing machines.

Table 2 - Range of Mine Sizes, 2009-2013

	2009	2010	2011	2012	2013
Minor Projects	61	61	56	54	48
0 to 5 Acres	631	641	615	614	579
> 5 to 10 Acres	476	453	447	434	434
> 10 to 20 Acres	442	442	435	439	425
> 20 to 30 Acres	156	150	153	154	164
> 30 Acres	356	343	334	328	333
Total Mines	2,122	2,090	2,040	2,023	1,983

Table 3 - Counties with Highest Percentage of Acreage Permitted by Mining, 2013

County	Population Center Nearby	Active Mines	Net Affected Acreage	Land Percent
Albany	Capital/Tri-City	20	1,494.3	0.44%
Genesee	Rochester	18	1,326.3	0.42%
Onondaga	Syracuse	39	2,144.7	0.42%
Rensselaer	Capital/Tri-City	53	1,744.7	0.41%
Ontario	Rochester	41	1,485.6	0.35%
Rockland	New York City	4	424.9	0.33%
Saratoga	Capital/Tri-City	60	1,615.7	0.30%
Dutchess	New York City	52	1,473.1	0.28%
Columbia	Capital/Tri-City	30	1,090.1	0.26%
Wayne	Syracuse	40	998.4	0.26%

Mines in New York State

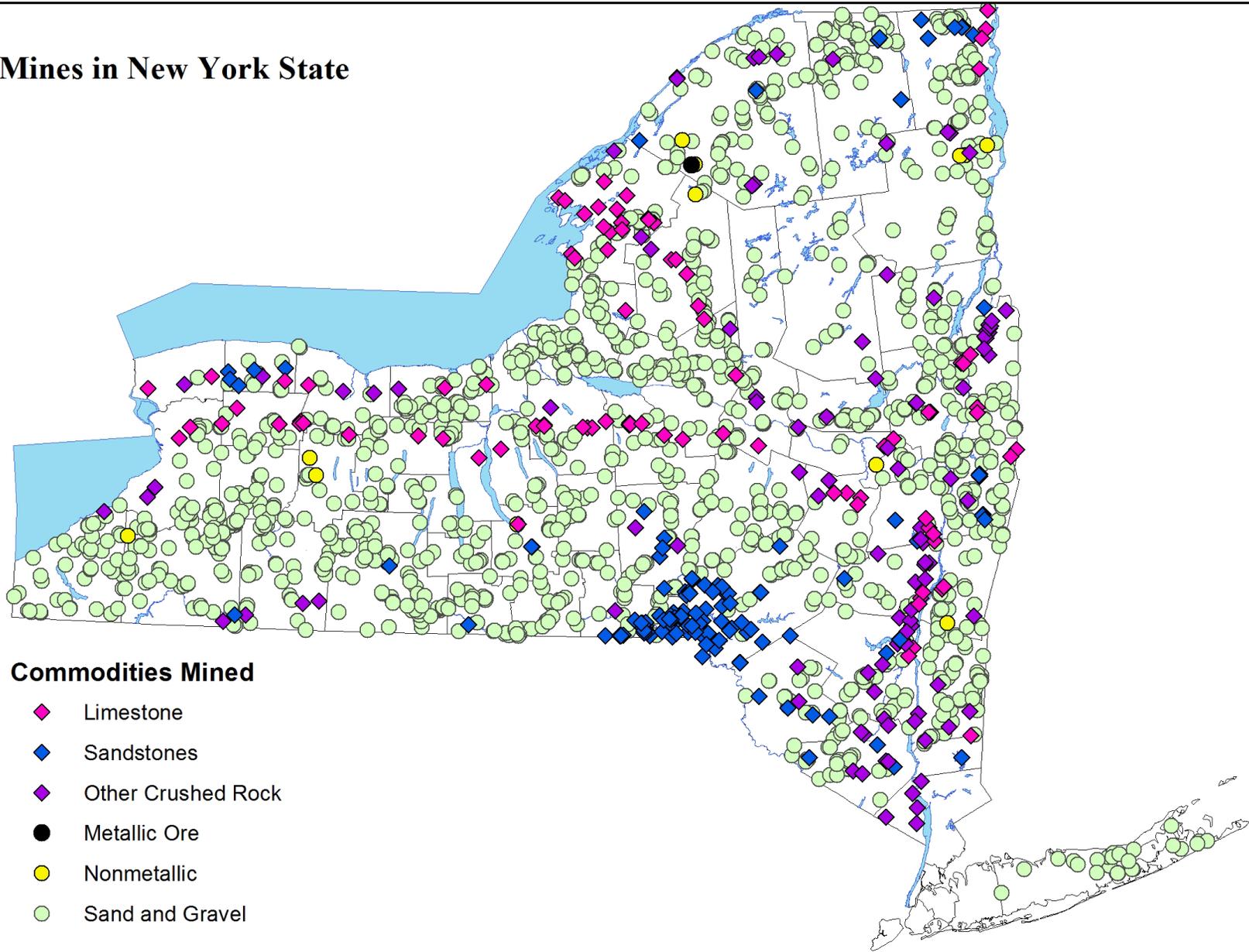


Table 4 - Number of Permits, Acreage and Reclaimed Acreage by County, 2013

County	2013 New Permits		Total Permits		Concurrent Reclamation	Final Reclamation	Total Reclaimed
	Number	Acres ¹	Number	Acres ¹	Acres	Acres	Acres
Albany	0	0	20	1,494.3	0	0	0
Allegany	1	3.5	39	369.8	0	7.3	7.3
Broome	7	43	60	763	0	1	1
Cattaraugus	1	9.7	71	1,389.3	14.9	20	34.9
Cayuga	0	0	16	351.6	0	4.5	4.5
Chautauqua	1	3.3	50	399.1	7.6	13.6	21.2
Chemung	1	20.5	25	389.8	0	11	11
Chenango	2	28.9	39	693.3	0	3.4	3.4
Clinton	2	19.4	66	1,099.6	34.5	3.4	37.9
Columbia	0	0	30	1,090.1	0.2	11	11.2
Cortland	0	0	15	312.4	0	0	0
Delaware	2	3.6	72	765.9	6.5	8.8	15.3
Dutchess	1	5	52	1,473.1	23.8	4	27.8
Erie	1	14.9	43	1,416.5	11	4	15
Essex	1	4.8	44	763.2	8.1	0	8.1
Franklin	1	4.5	67	630.6	7.6	3.75	11.4
Fulton	1	5	26	390.3	24.6	0	24.6
Genesee	0	0	18	1,326.3	15.5	2.5	18
Greene	0	0	21	1,002.9	4.9	0	4.9

County	2013 New Permits		Total Permits		Concurrent Reclamation	Final Reclamation	Total Reclaimed
	Number	Acres ¹	Number	Acres ¹	Acres	Acres	Acres
Hamilton	0	0	21	126.7	14	0	14
Herkimer	0	0	42	1,189.2	36.3	11.5	47.8
Jefferson	1	7.9	66	1,658.9	67.1	29.0	96.1
Lewis	0	0	38	636.4	0	21.7	21.7
Livingston	0	0	20	866.7 ²	27.5	2	29.5
Madison	1	10	23	497.4	0	22.2	22.2
Monroe	0	0	12	698.6	11.1	0	11.1
Montgomery	0	0	7	565.6	0	0	0
Nassau	0	0	0	0	0	0	0
Niagara	0	0	11	666.2	0	30	30
Oneida	1	5	63	1,073.1	28	18.2	46.2
Onondaga	0	0	39	2,144.7	7.7	0	7.7
Ontario	0	0	41	1,485.6	31.7	0	31.7
Orange	0	0	36	568.6	66	3	69
Orleans	0	0	18	514.6	13.2	7	20.2
Oswego	1	6.2	90	1,582.1	39	14	53
Otsego	0	0	34	472.5	7.2	9	16.2
Putnam	0	0	2	59.3	0	0	0
Rensselaer	0	0	53	1,744.7	8.1	21.3	29.4
Rockland	0	0	4	424.9	8	0	8

County	2013 New Permits		Total Permits		Concurrent Reclamation	Final Reclamation	Total Reclaimed
	Number	Acres ¹	Number	Acres ¹	Acres	Acres	Acres
Saratoga	0	0	60	1,615.7	7.9	2	9.9
Schenectady	0	0	10	229.7	0	0	0
Schoharie	0	0	17	538.7	0	0	0
Schuyler	0	0	12	239	0	4.9	4.9
Seneca	1	97.9	5	491.3 ²	0	0	0
St. Lawrence	1	5.0	96	1,886.8	149.2	9.5	158.7
Steuben	2	13.7	74	1,776.3	28.2	14.5	42.7
Suffolk	1	12.2	25	1,142.6	10	12	22
Sullivan	0	0	27	1,060.9	0	17.1	17.1
Tioga	0	0	32	780.7	87.1	0	87.1
Tompkins	0	0	17	576.8 ²	9.3	0	9.3
Ulster	1	5	48	806.9	1	6	7
Warren	0	0	34	661.9	0.5	0	0.5
Washington	1	2	52	862.4	65.2	17.5	82.7
Wayne	0	0	40	998.4	24.8	4	28.8
Westchester	0	0	1	4	0	0	0
Wyoming	1	9.3	27	231.8	0	0	0
Yates	0	0	12	141.9	0	5	5
Statewide	34	340.3	1,983	47,142.1	907.04	379.6	1,286.6

¹ Net affected acreage

² Does not include underground acreage for salt mines in Livingston (847.4 acres), Tompkins and Seneca (9,000 acres).

Reclamation

Every mine must be reclaimed at the end of its productive life and the Department holds significant financial security to ensure that reclamation occurs. The Department also encourages concurrent reclamation as a means to minimize potential negative environmental impacts and to return lands affected by mining back to other productive uses. The permittee benefits from conducting concurrent reclamation in the form of reduced financial security and lower annual regulatory fees. Examples of significant reclamation projects for 2013 include:

Concurrent Reclamation – Region 3: Whortlekill Rod & Gun Club Mine

Town of East Fishkill, Dutchess County (30092)

The permittee has reclaimed the 23-acre sand & gravel mine to a small canoeing area and public beach. While currently no land is affected by mining, the permittee has reserves left and may affect up to 2 acres at any one time.



Photo 1 - View from the south looking north of the reclaimed east end of the dredge pond at the Whortlekill Rod & Gun Club mine site.

Final Reclamation in Progress – Region 3: Tilcon New York-Suffern Quarry

Town of Ramapo, Rockland County (30036)

Tilcon is in the process of actively reclaiming the 38-acre Suffern Quarry. The previous operator mined basalt for use in aggregate for decades prior to Tilcon taking over the mine in the early 2000s. The site has been largely inactive over the last several years and Tilcon has worked with Mined Land staff on completing reclamation at the site. Final reclamation should be completed in 2014.



Photo 2 - Grading of side slopes at the Tilcon Suffern Quarry.



Photo 3 - The Tilcon Suffern Quarry during mining operations.

Final Reclamation – Region 4: Keenan-Vly Resources Mine

Town of Middletown, Delaware County (40761)

Reclamation of the 5-acre Vly Resources sand and gravel mine was completed in July 2013. The permittee successfully returned the site to meadow.



Photo 4 - The Vly Resources mine during active mining operations.



Photo 5 - The Vly site in July 2013 after successful revegetation.

Final Reclamation – Region 4: Gro Max-Ostrander Mine

Town of Ghent, Columbia County (40766)

Final reclamation of the 23-acre peat mine operated by Gro Max was completed in September 2013. The site was reclaimed to a pond surrounded by wildlife habitat.



Photo 6 - The pond excavated during mining operations and surrounding grass lands at the Gro Max-Ostrander Mine.

Concurrent Reclamation – Region 5: Tracy Materials-Windy Hills Bank

Town of Easton, Washington County (50297)

Tracy Materials pursued a course of concurrent reclamation for several years at the 136.9-acre life of mine sand & gravel operation. Final reclamation of the mine was accomplished by the end of 2013. Tracy Materials reduced the area affected by mining from 54 acres in 2004 to 7.9 acres in 2008 to 2.5 acres in 2012. The site was reclaimed to agricultural cropland.



Photo 7 - Reclaimed area at the Tracy Materials-Windy Hill Bank in June 2013.

DIVISION OF MINERAL RESOURCES

OIL AND GAS STATISTICS ¹

(2004 - 2013)

Annual Production	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Oil (1,000 bbl)	184	211	319	387	397	324	387	374	395	375
Gas (mmcf)	46,948	55,156	55,342	54,916	50,320	44,850	35,938	31,109	26,424	23,405
Well Statistics										
Oil	3,153	2,767	3,190	3,559	3,617	3,401	3,866	3,723	3,545	3,694
Gas	6,076	5,957	6,213	6,683	6,675	6,628	6,841	7,188	7,116	7,119
Inactive Oil	1,640	1,401	1,373	1,264	1,527	1,437	1,535	1,759	1,450	1,887
Inactive Gas	886	781	839	640	912	1,122	1,096	774	609	735
Storage	908	932	936	945	952	963	960	956	972	962
Active Brine	113	96	98	123	131	108	127	127	136	110
Inactive Brine	17	40	35	9	11	37	23	23	18	21
Water Injection	656	460	517	498	467	446	451	432	305	211
P&A (During Year)	145	150	213	192	221	242	193	146	322	301
Number of Wells	13,594	12,584	13,414	13,913	14,513	14,384	15,092	15,128	14,473	15,040
Drilling & Completions										
1. Total Wells Spudded	181	314	540	517	562	296	302	227	171	149
2. Total Wildcats	53	31	41	53	69	64	47	7	10	10
3. Discoveries	126	199	369	450	413	246	282	180	4	2
Oil Wildcat	0	0	0	0	3	0	6	0	1	1
Gas Wildcat	14	17	17	35	45	64	41	7	6	5
4. Total Dry Holes	28	18	7	25	21	12	4	4	5	4
5. Oil										
Development	56	93	174	179	163	191	178	152	137	124
Extension	0	2	2	0	0	0	0	0	0	1
6. Gas										
Development	40	82	165	224	186	86	56	20	5	4
Extension	16	5	11	12	16	4	1	1	1	0
7. Injection	0	2	2	19	4	0	0	0	0	0
8. Disposal	0	0	0	0	0	0	0	0	0	0
9. Stratigraphic	9	0	24	0	7	3	1	18	3	9
10. Service	0	0	0	1	0	0	0	0	0	0
11. Brine	15	14	19	14	14	4	7	12	8	12
12. Storage	1	4	16	3	5	19	3	0	3	1
13. Geothermal	6	14	11	14	25	0	0	4	2	0
13a. Suspended wells ²	3	10	5	8	4	32	5	0	9	15
14. Total Completions	188	261	453	534	493	415	302	218	180	176
(3,4,5,6,7,8,9,10,11,12, 13, 13a)										
Footage - Vertical Wells ³	394	673	1,116	1,198	1,173	403	523	337	313	256
- Deviated Wells ³	272	238	327	247	193	109	41	15	31	115
15. Total Footage Drilled³	666	911	1,443	1,444	1,366	512	564	352	344	371
Proven Reserves at Year End										
Gas (mmcf)										
A. In Situ	208,707	190,300	212,766	260,456	303,606	335,794	299,802	318,787	149,670	178,744
B. In Storage Reservoirs	161,723	169,439	183,316	180,986	176,060	181,546	186,396	199,906	196,193	190,530
C. Total	370,430	359,739	396,082	441,442	479,666	517,340	486,198	518,693	345,863	369,274
Oil (1,000 bbls)	1,056	1,205	1,910	2,550	2,960	3,474	3,614	3,912	4,182	4,030

¹ Statistics for lines 2 - 15 are based upon received completion reports from the operators.² Suspended wells: wells drilled to TD but completion category not yet determined.³ In thousands

Oil and Gas Production by Town in Each County, 2013

Town	Gas (mcf)	Oil (bbl)	Water (bbl)	Active Gas Wells	Inactive Gas Wells	Active Oil Wells	Inactive Oil Wells	Active Water Injection Wells	Inactive Water Injection Wells
Allegany County									
Alfred	0	0	0	0	1	0	0	0	0
Allen	0	0	0	0	2	0	0	0	0
Alma	6,544	6,143	1,532	25	0	136	96	0	42
Almond	1,114	0	0	1	0	0	0	0	0
Amity	2	229	472	1	3	12	5	0	0
Andover	98,063	17,124	15,048	2	0	240	41	0	11
Angelica	260	0	0	1	0	0	0	0	0
Bolivar	318	4,901	28,896	0	8	260	433	0	88
Centerville	0	0	0	0	1	0	0	0	0
Clarksville	23	482	480	0	0	21	50	0	8
Cuba	0	0	0	0	0	0	0	0	0
Friendship	0	0	0	0	0	0	1	0	0
Genesee	8	3,670	28,428	4	6	118	64	1	52
Granger	262	0	0	1	0	0	0	0	0
Hume	0	0	0	0	1	0	0	0	0
Independence	132,682	9,865	2,668	6	0	341	3	7	0
New Hudson	0	0	0	0	1	0	0	0	0
Rushford	3	0	0	3	0	0	0	0	0
Scio	0	91	304	0	6	76	155	1	55
Ward	3	0	0	3	0	0	24	0	8
Wellsville	2,686	3,648	883	0	0	50	58	0	8
Willing	1	396	126	1	2	28	28	0	0
Wirt	4,496	796	479	0	2	73	98	0	0
County Total	246,465	47,345	79,316	48	33	1,355	1,056	9	272
Broome County									
Fenton	0	0	0	0	1	0	0	0	0
Kirkwood	0	0	0	0	1	0	0	0	0
Vestal	0	0	0	0	0	0	0	0	0
County Total	0	0	0	0	2	0	0	0	0
Cattaraugus County									
Allegany	157,816	101,003	64,190	5	0	777	249	16	5
Ashford	8,438	839	0	16	5	2	0	0	0
Carrollton	98,589	89,663	42,348	2	2	559	207	10	8
Cold Spring	0	0	0	0	5	0	0	0	0
Conewango	139,136	0	25	79	0	0	0	0	0
Dayton	91,379	324	230	67	3	1	1	0	0
East Otto	78,271	0	10	15	0	0	0	0	0
Ellicottville	3,447	0	2	12	0	0	0	0	0
Farmersville	6	32	23	2	0	4	0	0	0
Freedom	3,285	0	0	10	1	0	1	0	0
Great Valley	1	0	0	1	0	0	0	0	0
Hinsdale	1	9	1	0	0	1	3	0	0
Leon	208,752	0	20	99	2	0	0	0	0
Little Valley	2	0	0	2	0	0	0	0	0
Machias	1	0	0	1	1	0	0	0	0
Mansfield	1	0	0	1	0	0	0	0	0
Napoli	477	0	0	2	0	0	0	0	0
New Albion	4,682	0	0	10	7	0	0	0	0
Olean	86,667	66,637	17,622	5	0	406	63	0	5

Oil and Gas Production by Town in Each County, 2013

Town	Gas (mcf)	Oil (bbl)	Water (bbl)	Active Gas Wells	Inactive Gas Wells	Active Oil Wells	Inactive Oil Wells	Active Water Injection Wells	Inactive Water Injection Wells
Cattaraugus County									
Olean City	99	0	0	0	0	1	0	0	0
Otto	59,870	54	224	69	1	1	0	0	0
Perrysburg	195,693	0	355	55	2	0	0	0	0
Persia	112,301	0	36	101	3	0	0	0	0
Portville	6	138	76	1	0	5	0	0	0
Randolph	71,879	732	145	76	8	2	0	0	0
South Valley	463	0	0	2	0	0	0	0	0
Yorkshire	29,117	0	299	16	8	0	0	0	0
County Total	1,350,379	259,431	125,606	649	48	1,759	524	26	18
Cayuga County									
Auburn City	2,343	0	0	1	0	0	0	0	0
Aurelius	313,227	0	1,131	136	9	0	0	0	0
Cato	0	0	0	0	1	0	0	0	0
Conquest	1	0	0	0	0	0	0	0	0
Fleming	52,566	0	1,086	30	6	0	0	0	0
Ledyard	84	0	0	2	2	0	0	0	0
Owasco	2	0	0	1	1	0	0	0	0
Scipio	1	0	0	1	2	0	0	0	0
Sennett	289	0	0	1	3	0	0	0	0
Springport	322,864	0	4,018	114	6	0	0	0	0
Summerhill	1	0	0	1	0	0	0	0	0
Throop	6,448	0	0	9	0	0	0	0	0
Venice	0	0	0	0	0	0	0	0	0
County Total	697,826	0	6,235	296	30	0	0	0	0
Chautauqua County									
Arkwright	96,657	0	2,136	116	12	0	0	0	0
Busti	203,854	27,151	3,765	125	21	554	15	0	0
Carroll	104,622	3	87	69	9	0	3	0	0
Charlotte	107,859	893	3,834	127	11	1	1	0	0
Chautauqua	442,427	0	5,320	320	13	0	0	0	0
Cherry Creek	142,565	0	977	121	9	0	0	0	0
Clymer	164,572	902	8,856	117	12	3	2	0	0
Dunkirk	68,766	0	864	37	6	0	0	0	0
Dunkirk City	9,992	0	164	7	0	0	0	0	0
Ellery	239,104	733	3,987	131	7	14	5	0	0
Ellicott	210,770	5	713	76	3	1	0	0	0
Ellington	217,491	0	102	167	14	0	0	0	0
French Creek	32,884	0	969	57	6	0	0	0	0
Gerry	235,931	6,084	12,312	157	22	13	7	0	0
Hanover	219,502	0	4,247	161	5	0	0	0	0
Harmony	183,349	188	12,120	115	14	0	0	0	0
Jamestown	2,863	0	0	2	2	0	0	0	0
Kiantone	310,630	0	404	87	1	0	0	0	0
Mina	67,405	0	683	75	2	0	0	0	0
North Harmony	258,048	5,266	42,435	146	21	13	5	0	0
Poland	335,870	0	503	160	5	0	2	0	0
Pomfret	195,193	0	2,899	176	18	0	0	0	0
Portland	220,889	0	755	152	4	0	0	0	0
Ripley	207,173	0	2,279	183	7	0	0	0	0
Sheridan	154,487	0	2,316	91	22	0	0	0	0

Oil and Gas Production by Town in Each County, 2013

Town	Gas (mcf)	Oil (bbl)	Water (bbl)	Active Gas Wells	Inactive Gas Wells	Active Oil Wells	Inactive Oil Wells	Active Water Injection Wells	Inactive Water Injection Wells
Chautauqua County									
Sherman	83,337	323	3,870	85	5	1	0	0	0
Stockton	181,215	0	1,885	122	6	0	0	0	0
Villanova	130,201	0	857	98	3	0	0	0	0
Westfield	357,351	0	3,870	277	5	0	0	0	0
County Total	5,185,007	41,548	123,209	3,557	265	600	40	0	0
Chemung County									
Baldwin	0	0	0	0	3	0	0	0	0
Big Flats	1,057,390	0	7,347	5	1	0	0	0	0
Catlin	537,204	0	1,715	9	0	0	0	0	0
Elmira	0	0	0	0	1	0	0	0	0
Elmira City	1,468	0	0	1	0	0	0	0	0
Erin	605,174	0	7,256	6	5	0	0	0	0
Horseheads	1,409,491	0	8,681	2	1	0	0	0	0
Southport	581,382	0	11,227	5	2	0	0	0	0
Van Etten	1,252,851	0	7,000	11	5	0	0	0	0
Veteran	309,942	0	7,915	4	5	0	0	0	0
County Total	5,754,902	0	51,141	43	23	0	0	0	0
Chenango County									
Plymouth	202,699	0	565	6	0	0	0	0	0
Preston	82,470	0	87	3	1	0	0	0	0
Smyrna	902,871	0	1,828	32	5	0	0	0	0
County Total	1,188,040	0	2,480	41	6	0	0	0	0
Cortland County									
Cortlandville	0	0	0	0	0	0	0	0	0
Homer	0	0	0	0	1	0	0	0	0
Scott	0	0	0	0	1	0	0	0	0
Virgil	0	0	0	0	1	0	0	0	0
County Total	0	0	0	0	3	0	0	0	0
Erie County									
Alden	49,700	0	255	61	8	0	0	0	0
Aurora	28,664	0	0	48	10	0	0	0	0
Boston	81,451	0	2,069	47	2	0	0	0	0
Brant	98,516	0	742	107	8	0	0	0	0
Buffalo	525	0	0	1	0	0	0	0	0
Cheektowaga	4,530	0	0	12	2	0	0	0	0
Clarence	90	0	0	4	3	0	0	0	0
Colden	4,688	0	65	12	0	0	0	0	0
Collins	474,978	0	505	86	3	0	1	0	0
Concord	134,506	0	1,278	85	2	0	0	0	0
Eden	120,654	0	2,099	160	8	0	0	0	0
Elma	56,552	0	27	52	8	0	0	0	0
Evans	87,994	0	447	91	9	0	0	0	0
Hamburg	30,234	0	393	41	10	0	0	0	0
Holland	2	0	0	2	1	0	0	0	0
Lackawanna	1,778	0	0	3	0	0	0	0	0
Lancaster	35,046	0	2	26	5	0	0	0	0
Marilla	21,976	0	15	33	3	0	0	0	0
Newstead	93,244	0	209	70	7	1	0	0	0

Oil and Gas Production by Town in Each County, 2013

Town	Gas (mcf)	Oil (bbl)	Water (bbl)	Active Gas Wells	Inactive Gas Wells	Active Oil Wells	Inactive Oil Wells	Active Water Injection Wells	Inactive Water Injection Wells
Erie County									
North Collins	339,965	0	4,791	154	12	0	0	0	0
Orchard Park	23,585	50	1	33	9	1	0	0	0
Sardinia	272,865	0	2,569	21	0	0	0	0	0
Tonawanda	0	0	0	0	1	0	0	0	0
Tonawanda City	0	0	0	0	1	0	0	0	0
Wales	69,230	0	12,811	51	5	0	0	0	0
West Seneca	8,487	0	0	3	1	0	0	0	0
County Total	2,039,260	50	28,278	1,203	118	2	1	0	0
Genesee County									
Alabama	17,754	0	222	21	0	0	0	0	0
Alexander	39,323	0	412	42	0	0	0	0	0
Batavia	35,183	0	584	39	2	0	0	0	0
Bergen	1	0	0	1	0	0	0	0	0
Bethany	15,838	0	448	28	2	0	0	0	0
Darien	292,764	0	1,006	231	5	0	0	0	0
Elba	795	0	2	2	0	0	0	0	0
Le Roy	9,951	0	81	10	2	0	0	0	0
Oakfield	13,334	0	98	13	0	0	0	0	0
Pavilion	8,970	0	200	18	6	0	0	0	0
Pembroke	165,994	0	834	128	1	0	0	0	0
Stafford	1	0	0	1	1	0	0	0	0
County Total	599,908	0	3,887	534	19	0	0	0	0
Herkimer County									
Stark	0	0	0	0	0	0	0	0	0
County Total	0	0	0	0	0	0	0	0	0
Livingston County									
Avon	13,734	0	90	17	1	0	0	0	0
Caledonia	26,625	0	996	48	1	0	0	0	0
Groveland	0	0	0	0	2	0	0	0	0
Leicester	18,200	0	0	18	4	0	0	0	0
Nunda	1	0	0	1	0	0	0	0	0
Ossian	0	0	0	0	1	0	0	0	0
Portage	1	0	0	1	1	0	0	0	0
Sparta	2	0	0	2	0	0	0	0	0
West Sparta	204	0	0	5	1	0	0	0	0
York	16,706	0	874	45	8	0	0	0	0
County Total	75,473	0	1,960	137	19	0	0	0	0
Madison County									
Brookfield	1	0	0	1	0	0	0	0	0
Eaton	1,558	0	0	4	0	0	0	0	0
Lebanon	571,871	0	148	49	3	0	0	0	0
County Total	573,430	0	148	54	3	0	0	0	0
Niagara County									
Lewiston	1	0	0	1	0	0	0	0	0
County Total	1	0	0	1	0	0	0	0	0

Oil and Gas Production by Town in Each County, 2013

Town	Gas (mcf)	Oil (bbl)	Water (bbl)	Active Gas Wells	Inactive Gas Wells	Active Oil Wells	Inactive Oil Wells	Active Water Injection Wells	Inactive Water Injection Wells
Oneida County									
Sangerfield	1	0	0	1	0	0	0	0	0
County Total	1	0	0	1	0	0	0	0	0
Onondaga County									
Lysander	1	0	0	1	0	0	0	0	0
Marcellus	0	0	0	0	7	0	0	0	0
Spafford	0	0	0	0	1	0	0	0	0
Tully	0	0	0	0	0	0	0	0	0
County Total	1	0	0	1	8	0	0	0	0
Ontario County									
Bristol	2	0	0	2	0	0	0	0	0
Canandaigua	1	0	0	1	1	0	0	0	0
East Bloomfield	35,656	0	0	15	2	0	0	0	0
Geneva	591	0	0	2	1	0	0	0	0
Hopewell	0	0	0	0	0	0	0	0	0
Phelps	0	0	0	0	1	0	0	0	0
Richmond	1	0	0	1	0	0	0	0	0
Seneca	0	0	0	0	1	0	0	0	0
West Bloomfield	1	0	0	1	1	0	0	0	0
County Total	36,252	0	0	22	7	0	0	0	0
Oswego County									
Richland	1	0	0	1	1	0	0	0	0
Schroeppel	0	0	0	0	1	0	0	0	0
West Monroe	1	0	0	1	0	0	0	0	0
Williamstown	0	0	0	0	1	0	0	0	0
County Total	2	0	0	2	3	0	0	0	0
Schuyler County									
Dix	13	0	0	1	5	0	0	0	0
Hector	0	0	0	0	2	0	0	0	0
Orange	332,999	0	576	5	6	0	0	0	0
Reading	0	0	0	0	6	0	0	0	0
Tyrone	0	0	0	0	1	0	0	0	0
County Total	333,012	0	576	6	20	0	0	0	0
Seneca County									
Fayette	635,213	0	8,107	151	4	0	0	0	0
Junius	8,771	0	0	5	0	0	0	0	0
Seneca Falls	37,264	0	1,078	8	0	0	0	0	0
Tyre	4,361	0	0	3	1	0	0	0	0
Varick	177,568	0	2,090	51	0	0	0	0	0
County Total	863,177	0	11,275	218	5	0	0	0	0
Steuben County									
Avoca	619	0	0	2	0	0	0	0	0
Bath	61,675	0	74	1	0	0	0	0	0
Bradford	489,008	0	1,109	4	1	0	0	0	0
Campbell	81,029	0	98	4	1	0	0	0	0
Canisteo	0	0	0	0	1	0	0	0	0

Oil and Gas Production by Town in Each County, 2013

Town	Gas (mcf)	Oil (bbl)	Water (bbl)	Active Gas Wells	Inactive Gas Wells	Active Oil Wells	Inactive Oil Wells	Active Water Injection Wells	Inactive Water Injection Wells
Steuben County									
Caton	1,134,437	0	3,133	4	3	0	0	0	0
Cohocton	0	0	0	0	4	0	0	0	0
Corning	2,084,338	0	9,808	11	2	0	0	0	0
Dansville	1	0	0	1	0	0	0	0	0
Erwin	0	0	0	0	1	0	0	0	0
Fremont	0	0	0	0	1	0	0	0	0
Greenwood	2	176	0	2	0	4	0	0	0
Hartsville	1	0	0	1	1	0	0	0	0
Hornby	238,193	0	860	6	0	0	0	0	0
Howard	0	0	0	0	1	0	0	0	0
Jasper	0	0	0	0	3	0	0	0	0
Prattsburg	0	0	0	0	6	0	0	0	0
Pulteney	0	0	0	0	12	0	0	0	0
Thurston	3,445	0	0	1	0	0	0	0	0
Troupsburg	7,506	0	0	2	1	0	0	0	0
Urbana	0	0	0	0	1	0	0	0	0
Wayne	0	0	0	0	1	0	0	0	0
West Union	79,811	16,843	20,455	1	1	227	7	12	5
Woodhull	1,139	0	0	1	0	0	0	0	0
County Total	4,181,204	17,019	35,537	41	41	231	7	12	5
Tioga County									
Barton	0	0	0	0	1	0	0	0	0
Nichols	0	0	0	0	1	0	0	0	0
Owego	0	0	0	0	2	0	0	0	0
Spencer	20,462	0	90	1	1	0	0	0	0
Tioga	0	0	0	0	0	0	0	0	0
County Total	20,462	0	90	1	5	0	0	0	0
Tompkins County									
Ulysses	0	0	0	0	1	0	0	0	0
County Total	0	0	0	0	1	0	0	0	0
Wayne County									
Butler	175	0	0	2	0	0	0	0	0
Galen	6,180	0	0	2	0	0	0	0	0
County Total	6,355	0	0	4	0	0	0	0	0
Wyoming County									
Arcade	41,656	869	567	38	3	1	0	0	0
Attica	760	0	0	2	2	0	0	0	0
Bennington	79,698	0	689	91	1	0	0	0	0
Castile	7,496	0	0	4	0	0	0	0	0
Covington	41,204	0	145	36	3	0	0	0	0
Eagle	0	0	0	0	0	0	0	0	0
Gainesville	0	0	0	0	1	0	0	0	0
Genesee Falls	0	0	0	0	1	0	0	0	0
Java	13,497	0	4	25	0	0	0	0	0
Middlebury	4,668	0	655	5	3	0	0	0	0
Perry	25,641	0	85	44	4	0	0	0	0
Pike	1	0	0	1	0	0	0	0	0
Sheldon	33,799	0	714	41	0	0	0	0	0

Oil and Gas Production by Town in Each County, 2013

Town	Gas (mcf)	Oil (bbl)	Water (bbl)	Active Gas Wells	Inactive Gas Wells	Active Oil Wells	Inactive Oil Wells	Active Water Injection Wells	Inactive Water Injection Wells
Wyoming County									
Warsaw	764	0	0	4	1	0	0	0	0
County Total	249,184	869	2,859	291	19	1	0	0	0
Yates County									
Barrington	1	0	0	0	6	0	0	0	0
Benton	1,271	0	0	8	2	0	0	0	0
Jerusalem	0	0	0	0	3	0	0	0	0
Middlesex	1	0	0	1	0	0	0	0	0
Milo	2,713	0	0	1	1	0	0	0	0
Potter	0	0	0	0	1	0	0	0	0
Starkey	0	0	0	0	2	0	0	0	0
Torrey	487	0	0	1	1	0	0	0	0
County Total	4,473	0	0	11	16	0	0	0	0
State Total	23,404,814	366,262	472,597	7,161	694	3,948	1,628	47	295

Drilling Permits Issued During 2013

Town	Company	API Number	Well Name	Issue Date	Spud Date
Allegany					
Alfred	Otis Eastern Service, Inc.	3100328100000	Kent 1	08/2/2013	01/15/2014
Alfred	Otis Eastern Service, Inc.	31003281010000	McMichael 1	08/2/2013	
Alma	SK Enterprises	31003280830000	Hoffman 1	01/10/2013	03/18/2013
Alma	Zlomek, John	31003281450000	Zlomek 6	10/1/2013	10/9/2013
Andover	Western New York Drilling Associ	31003280430000	Gunner 1	04/8/2013	
Andover	Western New York Drilling Associ	31003280430001	Gunner 1	10/24/2013	10/25/2013
Andover	Western New York Drilling Associ	31003280450001	Gunner 3	06/25/2013	
Andover	Western New York Drilling Associ	31003280470001	Gunner 5	06/25/2013	10/30/2013
Andover	Otis Eastern Service, Inc.	31003281390000	Camilla Joyce 3	08/8/2013	08/19/2013
Andover	Otis Eastern Service, Inc.	31003281400000	Camilla Joyce 4	08/8/2013	08/28/2013
Andover	Otis Eastern Service, Inc.	31003281410000	Camilla Joyce 5	08/8/2013	09/3/2013
Andover	Otis Eastern Service, Inc.	31003281420000	Camilla Joyce 6	08/8/2013	08/22/2013
Andover	Otis Eastern Service, Inc.	31003281430000	Camilla Joyce 7	08/8/2013	09/12/2013
Andover	Western New York Drilling Associ	31003281690000	Gunner 9	10/25/2013	11/11/2013
Andover	Western New York Drilling Associ	31003281700000	Wallace 2	10/30/2013	11/5/2013
Bolivar	Bull Dog Oil	31003281480000	Bull Dog 10	09/3/2013	10/21/2013
Bolivar	Plants and Goodwin, Inc.	31003281680000	Evingham 1	10/17/2013	11/6/2013
Genesee	Benson Oil Co.	31003281070000	Benson 779	05/13/2013	
Independence	Nathan Petroleum, Yahn & Yahn a	31003281570000	Austin 27Y	09/20/2013	12/18/2013
Independence	Nathan Petroleum, Yahn & Yahn a	31003281580000	Austin 28Y	09/20/2013	11/6/2013
Independence	Nathan Petroleum, Yahn & Yahn a	31003281590000	Austin 29Y	09/20/2013	12/2/2013
Independence	Nathan Petroleum, Yahn & Yahn a	31003281600000	Austin 30Y	09/20/2013	11/18/2013
Independence	Nathan Petroleum, Yahn & Yahn a	31003281610000	Austin 31Y	09/20/2013	10/23/2013
Willing	National Fuel Gas Supply Corp.	31003252860001	Dean, EF 2058	01/4/2013	01/8/2013
Wirt	Empire Energy E&P LLC	31003281720000	Eddy 3	11/14/2013	
Wirt	Empire Energy E&P LLC	31003281730000	Eddy 6	11/14/2013	12/16/2013
Wirt	Empire Energy E&P LLC	31003281740000	Eddy 1	11/14/2013	12/23/2013
Cattaraugus					
Allegany	Snyder Brothers, Inc.	31009280400001	James 108	05/22/2013	08/6/2013
Allegany	Snyder Brothers, Inc.	31009280410001	James 111	05/22/2013	07/29/2013
Allegany	Burlingame Oil, LLC	31009281040000	Burlingame 105	04/10/2013	05/10/2013
Allegany	Burlingame Oil, LLC	31009281050000	Burlingame 111	04/10/2013	05/21/2013
Allegany	Snyder Brothers, Inc.	31009281120000	Nichols Run SBNR 48	04/30/2013	07/15/2013
Allegany	Snyder Brothers, Inc.	31009281130000	Nichols Run SBNR 55	04/30/2013	06/5/2013
Allegany	Snyder Brothers, Inc.	31009281140000	Nichols Run SBNR 61	04/30/2013	06/26/2013
Allegany	Snyder Brothers, Inc.	31009281150000	Nichols Run SBNR 62	04/30/2013	06/17/2013
Allegany	Snyder Brothers, Inc.	31009281160000	Nichols Run SBNR 63	04/30/2013	06/13/2013
Allegany	Snyder Brothers, Inc.	31009281170000	Nichols Run SBNR 65	04/30/2013	07/8/2013
Allegany	Snyder Brothers, Inc.	31009281200000	James 114	08/6/2013	08/14/2013
Allegany	Burlingame Oil, LLC	31009281220000	Burlingame 102	06/7/2013	07/3/2013

Drilling Permits Issued During 2013

Town	Company	API Number	Well Name	Issue Date	Spud Date
Cattaraugus					
Allegany	Burlingame Oil, LLC	31009281230000	Burlingame 114	06/7/2013	07/15/2013
Allegany	Burlingame Oil, LLC	31009281240000	Burlingame 117	06/7/2013	06/10/2013
Allegany	Burlingame Oil, LLC	31009281340000	Burlingame 115	08/7/2013	08/21/2013
Allegany	Burlingame Oil, LLC	31009281350000	Burlingame 116	08/7/2013	08/8/2013
Allegany	Copper Ridge Oil, Inc.	31009281530000	Kodiak K-1	09/13/2013	11/4/2013
Allegany	Drillers LLC	31009281620000	DW-2	10/18/2013	
Allegany	Drillers LLC	31009281630000	DG-3	10/18/2013	10/30/2013
Allegany	Drillers LLC	31009281640000	DG-4	10/18/2013	12/15/2013
Allegany	Drillers LLC	31009281650000	DG-5	10/11/2013	10/15/2013
Allegany	McCracken Oil & Gas, LLC	31009300280000	Truman #5	11/18/2013	01/21/2014
Allegany	McCracken Oil & Gas, LLC	31009300330000	Neff #18	11/18/2013	02/4/2014
Carrollton	Dallas Energy, LLC	31009280260001	Potter Lumber 2 1H	01/15/2013	04/1/2013
Carrollton	Dallas Energy, LLC	31009280580000	Potter Lumber 2 #2	01/10/2013	02/21/2013
Carrollton	Cochran, Alvin L.	31009280860000	Neece 1	01/30/2013	03/11/2013
Carrollton	Cochran, Alvin L.	31009280870000	Neece 2	01/30/2013	03/18/2013
Carrollton	Case Brothers Inc.	31009281250000	Campbell 1	06/24/2013	08/20/2013
Carrollton	Case Brothers Inc.	31009281260000	Campbell 2	06/24/2013	08/22/2013
Carrollton	Case Brothers Inc.	31009281270000	Wahl 31	06/24/2013	07/29/2013
Carrollton	Case Brothers Inc.	31009281280000	Wahl 32	06/24/2013	07/26/2013
Carrollton	Case Brothers Inc.	31009281290000	Wahl 33	06/24/2013	08/12/2013
Carrollton	Dallas Energy, LLC	31009281440000	Rossignol 1	08/23/2013	09/2/2013
Carrollton	Dallas Energy, LLC	31009300170000	Potter Lumber # PL35	09/17/2013	10/15/2013
Carrollton	Dallas Energy, LLC	31009300180000	Trimble # 1	10/18/2013	10/18/2013
Carrollton	Dallas Energy, LLC	31009300190000	Trimble West # 1	10/18/2013	11/14/2013
Carrollton	Dallas Energy, LLC	31009300200000	Potter Lumber # PL36	10/18/2013	
Carrollton	Dallas Energy, LLC	31009300210000	Trimble # 2	10/24/2013	12/2/2013
Carrollton	Dallas Energy, LLC	31009300220000	Trimble # 5	10/24/2013	12/9/2013
Carrollton	Dallas Energy, LLC	31009300230000	Potter Lumber 2 # 3	10/24/2013	03/27/2014
Carrollton	Dallas Energy, LLC	31009300240000	Potter Lumber 2 # 4	10/24/2013	03/29/2014
Carrollton	Dallas Energy, LLC	31009300250000	Potter Lumber 2 # 5	10/24/2013	04/1/2014
Carrollton	Dallas Energy, LLC	31009300260000	Potter Lumber 2 # 6	10/24/2013	04/7/2014
Carrollton	Dallas Energy, LLC	31009300270000	Potter Lumber 2 # 7	10/24/2013	11/6/2013
Carrollton	McCracken Oil & Gas, LLC	31009300290000	Goodman #028	11/18/2013	02/3/2014
Carrollton	McCracken Oil & Gas, LLC	31009300300000	Clark #036	11/18/2013	02/7/2014
Carrollton	McCracken Oil & Gas, LLC	31009300310000	Woodard #2	11/18/2013	03/12/2014
Carrollton	McCracken Oil & Gas, LLC	31009300320000	Bovaird #34	11/18/2013	02/21/2014
Carrollton	McCracken Oil & Gas, LLC	31009300340000	Bovaird #27	11/18/2013	02/26/2014
Carrollton	McCracken Oil & Gas, LLC	31009300350000	Lot 39 #15	12/19/2013	05/28/2014
Carrollton	McCracken Oil & Gas, LLC	31009300360000	Lot 39 #16	12/19/2013	05/21/2014
Carrollton	McCracken Oil & Gas, LLC	31009300370000	Lot 39 #11	12/19/2013	06/5/2014
Carrollton	McCracken Oil & Gas, LLC	31009300380000	Bovaird #19	12/19/2013	03/6/2014
Hinsdale	Copper Ridge Oil, Inc.	31009281780000	Kennedy 1	12/6/2013	12/30/2013

Drilling Permits Issued During 2013

Town	Company	API Number	Well Name	Issue Date	Spud Date
Cattaraugus					
Olean	McKellpee Energy Corp.	31009280340001	Potter 35-1	04/1/2013	04/22/2013
Olean	Shag Bark Land and Cattle Co. LL	31009280530001	DiCerbo 6	05/10/2013	06/4/2013
Olean	Copper Ridge Oil, Inc.	31009280660000	Harrington 11	01/9/2013	02/22/2013
Olean	Copper Ridge Oil, Inc.	31009280670000	Harrington 12	01/9/2013	03/11/2013
Olean	Copper Ridge Oil, Inc.	31009280680000	Harrington 14	01/9/2013	01/22/2013
Olean	Copper Ridge Oil, Inc.	31009280690000	Harrington 15	03/25/2013	04/30/2013
Olean	Copper Ridge Oil, Inc.	31009280700000	Harrington 13	01/9/2013	03/29/2013
Olean	Copper Ridge Oil, Inc.	31009280710000	Harrington 16	04/25/2013	06/15/2013
Olean	Vertical Energy, Inc.	31009280720000	Mallery MLY 7	01/16/2013	05/16/2013
Olean	Vertical Energy, Inc.	31009280730000	Mallery MLY 8	01/16/2013	
Olean	Vertical Energy, Inc.	31009280740000	Mallery MLY 9	01/16/2013	
Olean	Vertical Energy, Inc.	31009280750000	Mallery MLY 10	01/16/2013	06/18/2013
Olean	Vertical Energy, Inc.	31009280760000	Mallery MLY 11	01/16/2013	04/16/2013
Olean	Vertical Energy, Inc.	31009280770000	Mallery MLY 19	01/16/2013	03/25/2013
Olean	Vertical Energy, Inc.	31009280780000	Mallery MLY 20	01/16/2013	03/12/2013
Olean	Vertical Energy, Inc.	31009280790000	Mallery MLY 21	01/16/2013	02/19/2013
Olean	Vertical Energy, Inc.	31009280800000	Mallery MLY 23	01/16/2013	05/7/2013
Olean	Vertical Energy, Inc.	31009280810000	Mallery MLY 25	01/16/2013	04/29/2013
Olean	Vertical Energy, Inc.	31009280820000	Mallery MLY 28	01/16/2013	05/24/2013
Olean	Vertical Energy, Inc.	31009280840000	Scheminger SCH 3	01/15/2013	07/2/2013
Olean	Vertical Energy, Inc.	31009280850000	Scheminger SCH 4	01/15/2013	06/25/2013
Olean	McKellpee Energy Corp.	31009280880000	JJ 53-1	02/14/2013	05/17/2013
Olean	Shag Bark Land and Cattle Co. LL	31009280890000	Gazmont 1	02/15/2013	05/28/2013
Olean	Shag Bark Land and Cattle Co. LL	31009280900000	Gazmont 2	02/15/2013	05/13/2013
Olean	Shag Bark Land and Cattle Co. LL	31009280910000	Gazmont 3	02/15/2013	05/8/2013
Olean	Shag Bark Land and Cattle Co. LL	31009280920000	Gazmont 4	02/15/2013	04/18/2013
Olean	Shag Bark Land and Cattle Co. LL	31009280930000	Gazmont 5	02/15/2013	04/24/2013
Olean	Vertical Energy, Inc.	31009280940000	Mallery MLY 15	02/22/2013	06/10/2013
Olean	Vertical Energy, Inc.	31009280950000	Mallery MLY 27	02/22/2013	06/4/2013
Olean	McKellpee Energy Corp.	31009281020000	DM 17-1	04/1/2013	09/19/2013
Olean	McKellpee Energy Corp.	31009281030000	NB 16-1	04/1/2013	06/20/2013
Olean	Vertical Energy, Inc.	31009281080000	Stimson STM 1	04/16/2013	07/17/2013
Olean	Vertical Energy, Inc.	31009281090000	Stimson STM 2	04/16/2013	07/24/2013
Olean	Vertical Energy, Inc.	31009281100000	Stimson STM 3	04/16/2013	08/12/2013
Olean	Vertical Energy, Inc.	31009281110000	Stimson STM 4	04/16/2013	08/1/2013
Olean	Copper Ridge Oil, Inc.	31009281210000	Harrington 17	06/4/2013	07/6/2013
Olean	Copper Ridge Oil, Inc.	31009281320000	PY 67	07/11/2013	08/6/2013
Olean	Copper Ridge Oil, Inc.	31009281330000	PY 70	07/11/2013	07/25/2013
Olean	Copper Ridge Oil, Inc.	31009281360000	Harrington 20	07/22/2013	08/16/2013
Olean	Copper Ridge Oil, Inc.	31009281370000	Harrington 21	07/22/2013	08/21/2013
Olean	Copper Ridge Oil, Inc.	31009281380000	Harrington 22	07/22/2013	08/30/2013
Olean	Copper Ridge Oil, Inc.	31009281460000	Weis 100	08/20/2013	08/29/2013

Drilling Permits Issued During 2013

Town	Company	API Number	Well Name	Issue Date	Spud Date
Cattaraugus					
Olean	Copper Ridge Oil, Inc.	31009281470000	Weis 101	08/20/2013	09/9/2013
Olean	Minard Run Oil Co.	31009281490000	Rose Estate T1	09/11/2013	11/26/2013
Olean	Minard Run Oil Co.	31009281500000	Rose Estate T2	09/11/2013	12/2/2013
Olean	Minard Run Oil Co.	31009281510000	Rose Estate T3	09/11/2013	12/11/2013
Olean	Minard Run Oil Co.	31009281520000	Rose Estate T4	09/11/2013	12/18/2013
Olean	Copper Ridge Oil, Inc.	31009281540000	PY 61	09/13/2013	10/21/2013
Olean	Copper Ridge Oil, Inc.	31009281550000	PY 71	09/13/2013	09/30/2013
Olean	McKellpee Energy Corp.	31009281560000	MG 28-1	09/18/2013	
Olean	McKellpee Energy Corp.	31009281660000	FS 37-1	10/3/2013	10/7/2013
Olean	West River Energy, LLC	31009281670000	FS 39-1	10/10/2013	10/10/2013
Olean	McKellpee Energy Corp.	31009281710000	DS 27-2	11/6/2013	11/8/2013
Olean	Copper Ridge Oil, Inc.	31009281750000	Harrington 19	12/18/2013	04/21/2014
Olean	Copper Ridge Oil, Inc.	31009281770000	Harrington 25	12/18/2013	05/9/2014
Portville	West River Energy, LLC	31009281060000	Andrews 5	08/28/2013	
Chenango					
Plymouth	EmKey Resources, LLC	31017238900003	Buffa 2-439	12/4/2013	05/27/2014
Preston	EmKey Resources, LLC	31017260490002	Blood 1	09/25/2013	08/29/2013
Erie					
Concord	U S Energy Development Corp.	31029256780004	Henry Unit 3	01/18/2013	
Livingston					
Leicester	American Rock Salt Co. LLC	31051265160000	ARSC 1301	12/2/2013	
Leicester	American Rock Salt Co. LLC	31051265170000	ARSC 1303	12/2/2013	04/28/2014
Leicester	American Rock Salt Co. LLC	31051265180000	ARSC 1302	12/2/2013	04/11/2014
New York					
Manhattan	Bond 23 LLC	31061270190001	Geothermal Well W-1	07/22/2013	
Orange					
Newburgh	New York City Dept. of Environm	31071300060000	RB 14	06/24/2013	10/23/2013
Newburgh	New York City Dept. of Environm	31071300070000	RB 15	06/24/2013	08/8/2013
Newburgh	New York City Dept. of Environm	31071300080000	RB 16	06/24/2013	08/30/2013
Rockland					
Orangetown	Trustees of Columbia University -	31087300000000	Test Well 4 (TW-4)	06/4/2013	07/15/2013
Schuyler					
Reading	US Salt LLC	31097265110000	Well 65	04/11/2013	04/16/2013
Steuben					
West Union	Nathan Petroleum Corp.	31101265120000	Edlind 19	09/4/2013	02/24/2014
West Union	Nathan Petroleum Corp.	31101265130000	Edlind 20	09/4/2013	02/25/2014
West Union	Nathan Petroleum Corp.	31101265140000	Edlind 21	09/4/2013	03/1/2014
West Union	Nathan Petroleum Corp.	31101265150000	Edlind 17	09/4/2013	02/7/2014
Tompkins					
Lansing	Cargill, Incorporated	31109265090000	Cargill 18	04/17/2013	05/13/2013

Drilling Permits Issued During 2013

Town	Company	API Number	Well Name	Issue Date	Spud Date
Wyoming					
Covington	Texas Brine Company, LLC	31121300020000	Texas Brine Company, LLC No 134	03/26/2013	
Covington	Texas Brine Company, LLC	31121300030000	Texas Brine Company, LLC No 135	03/26/2013	
Middlebury	Texas Brine New York, LLC	31121279890100	Texas Brine Company 109-1H	07/11/2013	08/5/2013
Middlebury	Texas Brine Company, LLC	31121279910100	Texas Brine Company 123-1H	07/11/2013	
Middlebury	Texas Brine Company, LLC	31121279910200	Texas Brine Company 123-2H	07/11/2013	
Middlebury	Texas Brine New York, LLC	31121281300000	Texas Brine Company 132	06/12/2013	06/13/2013
Middlebury	Texas Brine New York, LLC	31121281300100	Texas Brine Company 132-1H	07/22/2013	08/14/2013
Middlebury	Texas Brine New York, LLC	31121281310000	Texas Brine Company 130	06/13/2013	06/25/2013
Middlebury	Texas Brine New York, LLC	31121281310100	Texas Brine Company 130-1H	07/11/2013	08/19/2013
Middlebury	Texas Brine New York, LLC	31121300000000	Texas Brine Company, LLC No. 131	03/26/2013	07/8/2013
Middlebury	Texas Brine New York, LLC	31121300010000	Texas Brine Company, LLC No. 133	03/26/2013	06/3/2013
Middlebury	Texas Brine New York, LLC	31121300040000	Texas Brine Company, LLC No 122	07/9/2013	07/16/2013
Middlebury	Texas Brine New York, LLC	31121300040001	Texas Brine Company 122-1H	07/17/2013	08/11/2013

Drilled Wildcats and Field Extensions, 2013

Town	Company	API Number	Well Name	TVD	Total Depth Date	Orig Well Type	Field	Objective Formation
Chenango County								
Preston	EmKey Resources, LLC	31017260490002	Blood 1	1,500	8/29/2013	GW	New Field Wildcat	Hamilton
Smyrna	EmKey Resources, LLC	31017300050000	TK DAVIS 2H	550		GW	New Field Wildcat	Herkimer
Smyrna	EmKey Resources, LLC	31017300060000	COLE, J 1H	3,095	10/16/2013	GW	New Field Wildcat	Herkimer
Smyrna	EmKey Resources, LLC	31017300080000	PARRY B 2H	2,325		GW	New Field Wildcat	Herkimer
Smyrna	EmKey Resources, LLC	31017300090000	Parry B 1H	2,326		GW	New Field Wildcat	Herkimer
Erie County								
Collins	U S Energy Development Corp.	31029300110000	Johnson Unit 7	5,655	9/11/2013	GW	New Field Wildcat	Theresa
Wales	U S Energy Development Corp.	31029259180000	Kopp 3	2,157	7/6/2009	GW	New Field Wildcat	Medina
Madison County								
Lebanon	EmKey Resources, LLC	31053261050000	Mulligan 1	5,796	6/3/2008	GW	New Field Wildcat	Potsdam
Steuben County								
Campbell	Talisman Energy USA Inc.	31101238440000	Congdon R 1	9,334	7/20/2006	GW	New Field Wildcat	Black River
West Union	SWEPI LP	31101238460000	Cryder Creek Test Well	2,417	7/17/2006	OW	Cryder Creek	Devonian Shale

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Albany							
Cohoes	Norlite LLC	MINE	40002	Norlite-Cohoes Shale/Clay Pit	3/20/2013	Renewal	78.0
Allegany							
Alfred	New Enterprise Stone & Lime C	MINE	90004	Alfred Sand And Gravel	3/15/2013	Renewal	114.0
Almond	Almond, Town of	MINE	90088	Bishopville Gravel Pit #3	10/4/2013	Renewal	10.0
Almond	Birdsall, Town of	MINE	90295	Wyant Pit	8/6/2013	Renewal	4.0
Almond	Karr Valley Road Associates LL	MINE	90003	Almond Pit	5/6/2013	Renewal	28.7
Belfast	Allen, Town of	MINE	90998	Town of Allen Gravel Mine	7/9/2013	Renewal	10.6
Belfast	Belfast Gravel Products Inc	MINE	90679	Belfast Road Site	7/24/2013	Renewal	51.0
Clarksville	Clarksville, Town of	MINE	90033	Town Gravel Pit	11/12/2013	Renewal	16.0
Hume	Edelweiss Farm, dba/Edelrock	MINE	90982	Hodnett Pit	9/24/2013	Renewal	10.0
Scio	Potter, John L.	MINE	90620	Jopo Pit	7/1/2013	Modification	7.0
Wellsville	Otis Eastern Service Inc	MINE	90911	Trapping Brook	4/5/2013	Renewal	4.0
Willing	Antes, Steve	MINE	91049	Mapes Road Pit	8/26/2013	New	3.5
Broome							
Chenango	Alfred Gorick Co Inc	MINE	70498	Route 12 Mine	3/4/2013	Renewal	23.9
Conklin	Decker, Harvey	MINE	70952	Decker Bluestone Quarry	4/25/2013	New	13.6
Conklin	Roberts, Joseph	MINE	70951	State Line Quarry	7/18/2013	New	23.4
Sanford	Bellospirito, Robert	AUTH	71005	Tusca Ridge Quarry	6/21/2013	New	1.0
Sanford	Devonian Stone Of New York I	MINE	71000	Dew Dec Farms Quarry	10/15/2013	Modification	7.7
Sanford	Kilmer, Herbert	MINE	70660	Marsh Pond Quarry	11/12/2013	Renewal	33.2
Sanford	Simply Stone LLC	MINE	70909	Struble Quarry #1	10/25/2013	Renewal	5.0
Sanford	Stanton, Derek	AUTH	71002	Bronson Quarry	1/15/2013	New	1.0
Windsor	Balducci Bluestone LLC	MINE	70890	Anne Road Quarry	4/17/2013	Renewal	8.0
Windsor	Bishop, David	AUTH	71009	Hall Quarry	12/3/2013	New	1.0
Windsor	Blewett, Brett	AUTH	70986	BB Quarry	1/30/2013	Renewal	1.0
Windsor	Burnett, Todd	MINE	70902	Burnett Quarry	3/12/2013	Renewal	5.0
Windsor	Cramer, Chris	AUTH	71007	Ladue Quarry	7/9/2013	New	1.0
Windsor	Decker, Kenneth	MINE	70943	Osterman Quarry	8/21/2013	Modification	5.0
Windsor	Grosvenor, Clifford	MINE	70987	EB Quarry	9/20/2013	New	2.0
Windsor	Kohlbach, Norm	MINE	71003	Norm's Quarry	10/25/2013	Modification	5.0
Windsor	Nor-EL Blew LLC	AUTH	70987	EB Quarry	2/5/2013	Renewal	2.0
Windsor	Star Stone Quarries Inc	MINE	70883	Cascade Valley Quarry	8/27/2013	Modification	11.1
Windsor	Windsor, Town of - Highway D	MINE	70117	Town Of Windsor Gravel Pit	7/29/2013	Renewal	13.4

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Cattaraugus							
Allegany	I A Construction Corp	MINE	90019	Lippert Gravel Pit	6/11/2013	Renewal	169.7
Dayton	Country Side Sand & Gravel Inc	MINE	90044	Country Side Site	10/24/2013	Renewal	633.0
Dayton	Country Side Sand & Gravel Inc	MINE	90676	Wesley Gravel Pit	8/27/2013	Modification	7.0
Dayton	Hanson Aggregates New York L	MINE	90002	South Dayton S&G - Wesley	4/29/2013	Renewal	1.0
Farmersville	New Enterprise Stone & Lime C	MINE	90569	Lake Chenango	8/30/2013	Renewal	1.0
Freedom	Lafarge North America Inc	MINE	90028	Freedom Pit	4/15/2013	Renewal	221.0
Great Valley	Frederick and Alice Perkins	MINE	90682	Corey Brown Gravel Pit	6/5/2013	Modification	7.3
Great Valley	Gernatt Asphalt Products Inc	MINE	90248	Bedrock Gravel Pit	7/5/2013	Modification	113.0
Great Valley	Gernatt Asphalt Products Inc	MINE	90547	Nannen Gravel Mine	9/10/2013	Renewal	21.8
Ischua	Ischua, Town of	MINE	90544	Kellner Pit	9/10/2013	Renewal	4.0
Machias	Lafarge North America Inc	MINE	90656	Shenk Mine	12/26/2013	Modification	5.0
Machias	Lafarge North America Inc	MINE	90656	Shenk Mine	4/4/2013	Renewal	5.0
Olean	Benson Construction and Devel	MINE	91048	Homer Street Exit Mine	6/26/2013	New	9.7
Persia	Gernatt Asphalt Products Inc	MINE	90061	Point Peter Road Pit	6/5/2013	Renewal	22.0
Portville	I A Construction Corp	MINE	90120	Portville Sand And Gravel	6/12/2013	Renewal	151.4
Randolph	Beaver, Donald	MINE	90250	Donald Beaver Gravel Pit	4/29/2013	Renewal	13.3
Yorkshire	Yorkshire Materials Inc	MINE	90556	Yorkshire Materials Mine	6/27/2013	Renewal	1.0
Cayuga							
Locke	Cemento LLC	MINE	70738	Mine 2 - NYS Route 38	6/24/2013	Modification	42.0
Springport	Hanson Aggregates New York L	MINE	70025	Oakwood Quarry	5/23/2013	Modification	63.7
Chautauqua							
Charlotte	Lebaron, Teddy & Beverly	MINE	90720	Snobelt Farms Gravel Mine	10/18/2013	Renewal	6.5
Chautauqua	Bittinger, Joseph Jr	MINE	90683	Bittinger Pit #1	4/29/2013	Renewal	5.0
Chautauqua	L W Parker Enterprises Inc	MINE	90378	Perry Site	2/20/2013	Renewal	5.7
Clymer	Clymer, Town of	MINE	90211	Bakerink Pit	3/26/2013	Renewal	10.0
Clymer	Tewinkle, Tracy	MINE	90510	Tewinkle Pit	6/27/2013	Renewal	7.0
Ellington	Desborough, Philip A	MINE	90217	Ellington Gravel Products	7/24/2013	Renewal	1.0
French Creek	Wassink, Randy	MINE	90492	Rajaw Gravel Mine	2/27/2013	Renewal	19.6
Kiantone	Tri-James Services Inc	MINE	90112	Kiantone Gravel Pit	9/24/2013	Renewal	25.0
Mina	Beckerink, Matthew R	MINE	90580	Beckerink Gravel Pit	6/11/2013	Renewal	7.5
Mina	Beckerink, Matthew R	MINE	90580	Beckerink Gravel Pit	12/13/2013	Modification	7.5
North Harmony	Sundlov Construction Inc	MINE	90287	Aber Pit	4/15/2013	Modification	14.0
Pomfret	Country Side Sand & Gravel Inc	MINE	90315	Hubbard Pit	2/13/2013	Renewal	7.5

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Chautauqua							
Sheridan	Munch, John	MINE	90900	Pond	8/13/2013	New	3.3
Stockton	Masiker, Emery R	MINE	90493	Masiker Sand & Gravel Mine	7/23/2013	Renewal	13.8
Chemung							
Big Flats	Smith, Michael M	MINE	80827	Smith Pit	1/25/2013	Renewal	1.0
Big Flats	Vanderhoff, Larry	MINE	80662	Big Flats Pit	7/22/2013	Renewal	11.4
Chemung	Chemung, Town of	MINE	80306	Calvin Cole Pit	9/19/2013	Modification	9.0
Erin	Chemung County DPW	MINE	80357	Chemung Co, Farm	5/20/2013	Renewal	8.6
Southport	Hurley Farms Inc	MINE	80822	Hurley Pit	5/16/2013	New	28.0
Van Etten	Porter's Concrete Service Inc	MINE	80834	Pompa's Mine	10/21/2013	Modification	9.5
Chenango							
Afton	Syracusa Sand & Gravel Corp	MINE	70906	Afton Mine	7/9/2013	New	16.3
Afton	Tompkins, Town of	MINE	70700	Tompkins Gravel Bank - NYS Route 7	1/30/2013	Renewal	7.7
Greene	Saunders Concrete Company In	MINE	70019	Brisben Bank #1 & #2	8/15/2013	Renewal	67.0
Greene	Saunders Concrete Company In	MINE	70552	Brisben Mine	1/25/2013	Modification	24.0
North Norwich	Burrell's Excavating Inc	MINE	70820	KMC II Gravel Mine	4/17/2013	Renewal	41.5
Preston	Preston Stone LLC	MINE	70998	Sylstra Quarry	6/6/2013	New	12.6
Preston	Preston Stone LLC	MINE	70998	Sylstra Quarry	12/24/2013	Modification	12.6
Smyrna	Nelson, Dale	MINE	70936	Nelson Gravel Mine	9/4/2013	Renewal	3.9
Clinton							
Altona	Deyo, Todd E	MINE	50948	Deyo Mine-Altona	7/10/2013	Renewal	32.5
Ausable	Jay, Town of	MINE	50299	Harkness Pit	1/27/2013	Renewal	4.9
Ausable	Miller, Gary E	MINE	51042	Miller Sand Pit	6/3/2013	New	3.1
Champlain	Beeman, Roswell	MINE	51024	Beeman's Clay Pit	9/11/2013	Modification	2.0
Champlain	Beeman, Roswell	MINE	51024	Beeman's Clay Pit	5/9/2013	Modification	2.0
Champlain	Graymont Materials NY Inc	MINE	51004	Bedard Mine	6/20/2013	Renewal	5.0
Champlain	R Deso Inc	MINE	50759	Prospect Hill Quarry	2/2/2013	Renewal	9.7
Chazy	Kalvaitas, Willi O	MINE	50982	Kalvaitis Mine	1/29/2013	Modification	17.1
Mooers	Chazy, Town of	MINE	50223	Big Hill Road Pit	3/28/2013	Renewal	11.5
Mooers	Lafave, Anthony and Kimberly	MINE	50840	Cannon Corners Road Mine	2/5/2013	Renewal	39.7
Mooers	Mooers, Town of	MINE	51032	Davison Road Pit	1/31/2013	New	16.3
Peru	Deyo, Todd E	MINE	50830	L & R Landscaping Gravel Pit	10/30/2013	Modification	42.5
Plattsburgh	Beekmantown, Town of	MINE	50899	Beekmantown Sand Pit	2/21/2013	Modification	7.0
Plattsburgh	Graymont Materials NY Inc	MINE	50062	Plattsburgh Quarry	5/7/2013	Renewal	127.0

Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Clinton							
Plattsburgh	Graymont Materials NY Inc	MINE	50062	Plattsburgh Quarry	12/31/2013	Modification	127.0
Plattsburgh	Graymont Materials NY Inc	MINE	50452	Gratto Pit	4/9/2013	Renewal	39.6
Plattsburgh	Graymont Materials NY Inc	MINE	50518	Norm Baker Pit	6/21/2013	Modification	16.8
Plattsburgh	Morrisonville Construction Inc	MINE	50444	Morrisonville Construction Pit	3/17/2013	Renewal	17.3
Plattsburgh	Plattsburgh, Town of	MINE	50302	Town of Plattsburgh Sand Pit	4/19/2013	Renewal	22.8
Schuyler Falls	Graymont Materials NY Inc	MINE	50026	Morrisonville Pit	6/14/2013	Renewal	122.0
Schuyler Falls	New England Waste Services of	MINE	50306	Adcock Pit	11/20/2013	Renewal	47.0
Schuyler Falls	Way, Harold L	MINE	50376	Rock Pit	5/7/2013	Modification	17.2
Columbia							
Gallatin	Vaill, Lloyd	MINE	40544	Vaill Mine	2/19/2013	Renewal	20.4
Gallatin	Vaill, Lloyd	MINE	40544	Vaill Mine	12/5/2013	Modification	20.4
Livingston	Elizaville Sand & Gravel Inc	MINE	40309	Elizaville Sand & Gravel Site	11/6/2013	Renewal	23.3
New Lebanon	New Lebanon, Town of	MINE	40717	Sherman Pit	3/12/2013	Modification	13.3
Cortland							
Cuyler	Cuyler, Town of	MINE	70832	Cuyler - West Keeney Road	1/10/2013	Renewal	5.0
Harford	Cortland County Highway Dept	MINE	70444	Kimmich Pit - NYS Route 38	5/8/2013	Modification	21.8
Homer	Andersen, Arthur	MINE	70332	Burhans Pit - West Scott Road	7/31/2013	Modification	6.0
Homer	Suit-Kote Corp	MINE	70400	South Homer Mine -Nys Rt 11	8/31/2013	Renewal	45.5
Homer	T H Kinsella Inc	MINE	70630	E-Z Acres	1/23/2013	Modification	30.5
Truxton	Suit-Kote Corp	MINE	70575	Truxton Mine - NYS Route 13	4/29/2013	Renewal	19.4
Willet	T & C Mobile Home & Constru	MINE	70590	Donnelly's Communities -D.C. Vi (Will	1/15/2013	Renewal	10.2
Delaware							
Colchester	Johnston & Rhodes Bluestone C	MINE	40661	Shinhopple Quarry	1/29/2013	Modification	13.8
Deposit	Brainard, David L	MINE	40871	Brainard Bluestone Mine	5/22/2013	Modification	13.5
Deposit	Sanford Stone LLC	MINE	40864	Sohonyay Quarry old Schaefer Explorat	5/9/2013	New	2.6
Kortright	Burton F Clark Inc	MINE	40386	Clark Pit	1/17/2013	Renewal	36.0
Stamford	Burton F Clark Inc	MINE	40850	Bloomville Mine	7/24/2013	Renewal	7.0
Walton	Logs Unlimited LLC	MINE	40779	Walton #1 Quarry	1/9/2013	Renewal	16.0
Walton	MSR Inc	MINE	40788	Constable Quarry	10/10/2013	Renewal	2.5
Walton	Northeast Bluestone LLC	AUTH	40918	Kissane Authorization	10/15/2013	New	1.0
Dutchess							
Amenia	Harlem Valley Sand & Gravel In	MINE	30001	Wassaic Mine	12/3/2013	Renewal	70.0
Amenia	Harlem Valley Sand & Gravel In	MINE	30001	Wassaic Mine	8/27/2013	Modification	70.0

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Dutchess							
Amenia	Ridgecrest Farms Inc	MINE	30668	Ridgecrest Farms Mine	1/29/2013	New	5.0
Beekman	The Estate of Charles J Andrews	MINE	30139	Clapp Hill Gravel Bank	7/18/2013	Renewal	41.0
Dover	Palumbo Sand & Gravel Inc	MINE	30100	Sherman Hill Rd Site	6/28/2013	Renewal	80.5
East Fishkill	Jackson, Verne	MINE	30647	Jackson Mine	8/16/2013	Renewal	7.7
Fishkill	West Hook Sand And Gravel In	MINE	30079	West Hook Sand And Gravel Mine	8/28/2013	Modification	113.5
LaGrange	Richard Ryan Excavating Inc	MINE	30237	Ryan's Gravel Bank	5/20/2013	Modification	37.0
Northeast	Palmer, Florien A	MINE	30106	Northeast mine	4/30/2013	Renewal	8.0
Pine Plains	Murphy, James A.	MINE	30425	Murphy Gravel Bank	11/1/2013	Renewal	11.0
Pine Plains	Murphy, James A.	MINE	30425	Murphy Gravel Bank	11/1/2013	Renewal	11.0
Pine Plains	The Durst Buildings Corporatio	MINE	30114	The Durst Buildings Corp Mine	4/30/2013	Modification	7.0
Pine Plains	The Durst Buildings Corporatio	MINE	30114	The Durst Buildings Corp Mine	6/19/2013	Renewal	7.0
Rhinebeck	Kinlan, Vincent P	MINE	30393	Rhinebeck Mine	3/27/2013	Modification	37.5
Rhinebeck	Red Wing Properties Inc	MINE	30393	Rhinebeck Mine	7/29/2013	Modification	37.5
Stanford	Kading, Edward	MINE	30232	Darling Mine	6/7/2013	Modification	32.5
Washington	Dutchess Quarry & Supply Co I	MINE	30028	Shunpike Rd. Mine	12/6/2013	Renewal	40.0
Erie							
Cheektowaga	New Enterprise Stone & Lime C	MINE	90052	Cheektowaga Stone Plant #21	4/11/2013	Renewal	187.0
Clarence	10,001 Grand Corp	MINE	90032	Shisler Road Pit	5/10/2013	Renewal	10.6
Clarence	Emeritus Holdings Corp	MINE	90558	Wehrle Drive Gravel Pit	9/24/2013	Renewal	54.8
Colden	Kaefer, Alfred F	MINE	90188	Kaefer Gravel Pit	5/15/2013	Modification	12.3
Collins	Dan Gernatt Asphalt Products In	MINE	90089	Vail Road	10/3/2013	Modification	29.4
Collins	Dan Gernatt Gravel Products Inc	MINE	90042	Feltz Gravel Pit	5/3/2013	Renewal	72.0
Collins	Gernatt Asphalt Products Inc	MINE	90062	Strickland Deposit	2/13/2013	Renewal	1.5
Collins	Reale, Carl	MINE	90008	Vail Road Pit	9/24/2013	Modification	20.0
Concord	Gernatt Asphalt Products Inc	MINE	90511	Zylinski Clay Mine	8/6/2013	Renewal	20.0
Concord	Lafarge North America Inc	MINE	90540	Springville Site	5/13/2013	Renewal	1.0
Eden	Brenner, Norman	MINE	90513	Brenner Shale Mine	8/2/2013	Renewal	4.0
Lancaster	PM Peppermint Inc	MINE	90331	South Peppermint Site	12/13/2013	New	14.9
Newstead	County Line Stone Co Inc	MINE	90093	Akron Quarry	4/4/2013	Renewal	335.0
Newstead	County Line Stone Co Inc	MINE	90564	Siehl Road Pit	10/4/2013	Renewal	17.0
Orchard Park	Orchard Park, Town of	MINE	90067	Yard Waste Reclamation Center	5/10/2013	Renewal	32.0
Sardinia	Woodruff, Charles David	MINE	90500	Woodruff Chaffee Gravel Pit	11/13/2013	Renewal	16.8

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Essex							
Chesterfield	Chesterfield, Town of	MINE	50175	Martin Pit	10/7/2013	Renewal	17.0
Crown Point	Adirondack Site Development L	MINE	50113	Adirondack Sand And Gravel Pit	4/6/2013	Renewal	13.0
Jay	Jay, Town of	MINE	50108	Straight Pit	7/18/2013	Renewal	13.7
Lewis	Ferguson-Guttenberg, Nancy	MINE	51037	Foxrun Construction Co.	4/23/2013	New	4.8
Lewis	Graymont Materials NY Inc	MINE	50056	Lewis Quarry	1/31/2013	Renewal	61.9
Lewis	Graymont Materials NY Inc	MINE	50639	Hale Hill Mine	9/11/2013	Renewal	13.5
Lewis	Morse, James R	MINE	50700	Morse Mine	7/16/2013	Renewal	12.7
Lewis	NYCO Minerals Inc	MINE	50111	Lewis Mine	1/18/2013	Modification	89.9
North Elba	Lake Placid, Village of	MINE	50448	Village Sand Pit	5/30/2013	Renewal	4.8
North Hudson	Caza, Bruce & Brenda	MINE	50859	Caza Mine	10/1/2013	Renewal	5.3
North Hudson	Koller, Larry	MINE	50185	Koller Pit	4/18/2013	Renewal	14.0
Ticonderoga	Armstrong, Patrick	MINE	50946	North Ti Sand & Gravel Mine	3/2/2013	Renewal	12.3
Ticonderoga	Huestis Family Trust	MINE	50008	Upper Pit And Gibbs Pit	4/17/2013	Modification	75.0
Westport	Westport, Town of	MINE	50614	Munson Pit	11/25/2013	Renewal	4.9
Willsboro	Sheehan, John Jr	MINE	50866	Sheehan Mine	12/8/2013	Renewal	2.4
Wilmington	Wilmington, Town of	MINE	50857	Town of Wilmington Mine	6/17/2013	Renewal	4.2
Franklin							
Bangor	Rabideau, Stephen	MINE	51049	Martin Pit	7/17/2013	New	4.5
Bellmont	Adirondack Quarries Inc	MINE	50415	North Adirondack Quarry	1/28/2013	Renewal	11.0
Brandon	Graymont Materials NY Inc	MINE	50303	Malone Quarry	4/8/2013	Renewal	77.0
Brandon	Moira, Town of	MINE	50425	Tuttle Pit	9/12/2013	Renewal	19.0
Chateaugay	Collins, Patrick W	MINE	50668	Collins Construction Pit	9/18/2013	Modification	8.5
Dickinson	Waverly, Town of	MINE	51005	Clookey Road Mine	2/27/2013	Modification	1.2
Fort Covington	Fort Covington, Town of	MINE	50477	Fort Covington Gravel Pit	12/3/2013	Renewal	9.9
Malone	Jacobs Excavation Inc	MINE	51010	Crestline Sand and Gravel	9/2/2013	Renewal	5.0
Malone	Jacobs Excavation Inc	MINE	51010	Crestline Sand and Gravel	6/4/2013	Modification	5.0
Moira	Moira, Town of	MINE	50424	Moira Sand Pit	4/15/2013	Modification	9.5
Santa Clara	Bay Pond Condominium	MINE	50543	Stone Ledge Pit	10/2/2013	Renewal	3.0
Waverly	Waverly, Town of	MINE	50683	South River Road Pit	4/4/2013	Renewal	5.3
Waverly	Waverly, Town of	MINE	50706	Dexter Road Pit	3/3/2013	Renewal	4.0
Westville	Snyder, Gaylord R	MINE	50832	Snyder Sand Pit	4/22/2013	Modification	4.5
Westville	Stark, Judith A	MINE	50620	Stark's Gravel Pit	7/3/2013	Renewal	61.2
Westville	Stark, Judith A	MINE	50855	Stark's Clay Pit	4/8/2013	Modification	25.8

Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Franklin							
Westville	Stark, Judith A	MINE	51001	Little Briggs Pit	2/20/2013	Renewal	14.3
Westville	Westville, Town of	MINE	50450	Westville Pit	9/27/2013	Renewal	9.0
Fulton							
Ephratah	Ephratah, Town of	MINE	50022	Ephratah Mine	11/15/2013	Renewal	17.0
Johnstown	Fulmont Ready Mix Co	MINE	50019	Fulmont Ready Mix Sand	11/14/2013	Modification	54.1
Johnstown	R & R Farms LLC	MINE	51048	Maloney Road Pit	9/16/2013	New	5.0
Johnstown	Tanner and Sons Inc C G	MINE	50371	Meco Gravel Pit	1/22/2013	Modification	9.9
Genesee							
Batavia	Hanson Aggregates New York L	MINE	80095	St. John's Pit (Batavia S&G Mine)	3/25/2013	Renewal	121.4
Batavia	Pembroke Sand & Gravel Inc	MINE	80466	Gorecki Pit	10/1/2013	Renewal	11.3
Darien	Moore, Mark	MINE	80829	Landshapers	5/22/2013	Renewal	5.0
Le Roy	Hanson Aggregates New York L	MINE	80073	Leroy Quarry	12/26/2013	Renewal	211.3
Stafford	Hanson Aggregates New York L	MINE	80075	Stafford Quarry	2/7/2013	Renewal	196.9
Greene							
Catskill	Peckham Materials Corp	MINE	40028	Catskill Quarry - former Holcim	9/23/2013	Modification	368.7
Durham	Borwegen, Ralph	MINE	40862	Teator Mine	7/3/2013	Renewal	5.3
Hunter	Craig Bates Trucking and Excav	MINE	40578	Craig Bates Trucking & Excavating Pit	9/3/2013	Renewal	14.4
Lexington	Evergreen Mountain Contractin	MINE	40823	Beech Ridge #2	9/4/2013	Modification	8.3
New Baltimore	R J Valente Gravel Inc	MINE	40168	New Baltimore Pit	3/26/2013	Renewal	21.5
Hamilton							
Arietta	CD Rhodes Construction Co Inc	MINE	50035	Evergreen Pit	5/16/2013	Renewal	11.3
Lake Pleasant	Lake Pleasant, Town of	MINE	50080	Town of Lake Pleasant Pit	10/24/2013	Renewal	3.5
Long Lake	Roblee, James C	MINE	50713	Jim Farr Pit #1	6/17/2013	Renewal	4.9
Wells	Graymont Materials NY Inc	MINE	50636	Wells Pit #3	2/19/2013	Renewal	35.0
Herkimer							
Fairfield	Hanson Aggregates New York L	MINE	60042	Middleville Quarry	5/27/2013	Renewal	37.1
Herkimer	Route 5 Sand and Gravel LLC	MINE	60938	Talarico Sand & Gravel Mine	6/1/2013	Renewal	64.5
Litchfield	Barrett Paving Materials Inc	MINE	60049	Litchfield Quarry	7/23/2013	Renewal	136.9
Litchfield	Ferdula Gravel Products Inc	MINE	60090	Ilion Gorge Pit	9/13/2013	Modification	6.7
Newport	Herkimer Diamond Mines Inc	MINE	60598	Quartz Diamond Mine	11/20/2013	Renewal	5.0
Norway	Clifford, Charles Jr	MINE	60097	Clifford Sand & Gravel Pit	3/26/2013	Renewal	8.9
Norway	Folsbee, Earl	MINE	60815	Hurricane Road Pit	9/10/2013	Modification	17.5
Ohio	Weakley, Brett	MINE	60562	Price Mine	7/1/2013	Renewal	2.5

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Herkimer							
Russia	Hanson Aggregates New York L	MINE	60040	Barneveld (Gravesville) S&G	6/16/2013	Renewal	105.3
Russia	Hanson Aggregates New York L	MINE	60196	Bienick Pit	3/24/2013	Renewal	49.8
Russia	Russia, Town of	MINE	60744	Hinkley Road Pit	5/2/2013	Renewal	4.0
Russia	Weakley, Bruce dba Weakley Sa	MINE	60417	Worden Mine	1/18/2013	Renewal	9.8
Salisbury	Bauder, Bruce	MINE	60218	Salisbury Sand And Gravel	6/1/2013	Renewal	7.0
Salisbury	Dolgeville, Village of	MINE	60748	Irondale Mine	11/25/2013	Renewal	2.0
Salisbury	Salisbury, Town of	MINE	60683	Route 29 Pit	12/12/2013	Renewal	12.6
Webb	Webb, Town of	MINE	61012	Big Moose Road Pit	6/16/2013	Renewal	4.0
Winfield	Burton F Clark Inc	MINE	60495	Boss Mine	8/21/2013	Renewal	33.0
Winfield	Ferris, Robert E.	MINE	61005	Ferris Stone Products	8/20/2013	Renewal	10.8
Jefferson							
Adams	R G King General Construction	MINE	61086	Kellogg Hill Mine	9/24/2013	Modification	8.9
Champion	Rutland, Town of	MINE	60948	Eddy Road Mine	5/28/2013	Renewal	13.5
Ellisburg	Coffin, Robert E	MINE	61113	Tennant Sand Pit	2/28/2013	New	7.9
Ellisburg	Coffin, Robert E	MINE	61113	Tennant Sand Pit	6/24/2013	Modification	7.9
Ellisburg	Ellenburg, Town of	MINE	60753	Parsons Gravel	5/17/2013	Renewal	17.5
Ellisburg	R G King General Construction	MINE	60318	King-Williams Sand Pit	4/2/2013	Modification	9.9
Ellisburg	R G King General Construction	MINE	61089	Joss Gravel Pit	5/13/2013	Modification	9.0
Leray	Murrock, Darryl	MINE	61053	Lafave Mine	7/3/2013	Modification	47.0
Leray	TJ Clement Construction Co Inc	MINE	60061	Route 342 Pit	4/2/2013	Renewal	5.0
Orleans	Johnson's Sand & Gravel Inc	MINE	60072	Flick Mine	1/29/2013	Modification	41.0
Pamelia	Barrett Paving Materials Inc	MINE	60517	Pamelia Quarry	7/2/2013	Renewal	129.9
Pamelia	Hanson Aggregates New York L	MINE	60038	Watertown Quarry	6/4/2013	Renewal	263.0
Watertown	Watertown Sand & Gravel Inc	MINE	60055	Watertown Sand & Gravel	5/1/2013	Renewal	55.5
Lewis							
Diana	Vanderbilt Minerals LLC	MINE	60140	No. 4 Mine	2/21/2013	Renewal	46.5
Greig	Greig, Town of	MINE	60009	Fish Creek Road Mine	11/20/2013	Renewal	30.0
Harrisburg	Harrisburg, Town of	MINE	60449	Woodbattle Pit	4/16/2013	Renewal	3.0
Leyden	Barrett Paving Materials Inc	MINE	61080	Port Leyden Quarry	4/23/2013	Modification	15.2
Lowville	MJL Crushing LLC	MINE	61069	Rte 26 North Lowville	3/6/2013	Renewal	26.0
Lyonsdale	Leyden, Town of	MINE	61109	County Border Pit	5/2/2013	Modification	9.8
Lyonsdale	O'Brien Brothers	MINE	60681	River Road Mine	1/22/2013	Renewal	4.0
Osceola	Osceola, Town of	MINE	61010	Mysliviceck Gravel Pit	3/13/2013	Renewal	4.0

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Lewis							
Watson	V S Virkler & Son Inc	MINE	60082	Gate #1 Gyore Road Pit	9/23/2013	Renewal	69.6
Livingston							
Lima	Hanson Aggregates New York L	MINE	80030	Rochester Plant (Honeoye Falls Quarry)	3/6/2013	Modification	302.1
Nunda	Lawson Sand & Gravel Inc	MINE	80250	Lawson S & G	1/10/2013	Renewal	47.2
Portage	Ayers, Thomas	MINE	80721	Portage Pit	11/5/2013	Modification	20.4
Springwater	Springwater, Town of	MINE	80530	Highway Pit	11/19/2013	Renewal	14.0
Madison							
Cazenovia	Nick W Zupan & Sons Inc	MINE	70198	Zupan Gravel Bed - East Road	3/29/2013	Modification	27.6
Hamilton	Cossitt Concrete Products Inc	MINE	70201	Earlville Gravel Bed - Clyde Street	12/26/2013	Modification	16.5
Lebanon	Payne Construction & Excavatin	MINE	70761	Smith Gravel Bed	11/1/2013	Modification	18.8
Lebanon	Rasmussen Gravel Products LL	MINE	70914	Rivington Gravel Mine	10/28/2013	Renewal	4.5
Lincoln	RB Marketing Group Inc	MINE	70252	Boyles Borrow Pit - Creek Road	6/28/2013	Modification	4.9
Smithfield	Madison County Hwy Dept	MINE	70582	Dahlems's Gravel Bed - May Road	7/10/2013	Modification	34.1
Stockbridge	Snyder Construction Co Inc	MINE	70106	Munnsville Gravel Bed - Pratts Road	5/1/2013	Modification	15.0
Stockbridge	Stockbridge Stone Products LL	MINE	70864	Munnsville Mine	8/23/2013	New	10.0
Sullivan	Callanan Industries Inc	MINE	70045	Worlock Quarry, Quarry Road	6/7/2013	Renewal	79.0
Sullivan	Katzenstein, Kenneth	MINE	70420	Bolivar Road Mine - Bolivar Road	2/8/2013	Renewal	8.6
Sullivan	T H Kinsella Inc	MINE	70875	Worlock Acres Quarry	11/1/2013	Modification	5.0
Monroe							
Gates	Dolomite Products Company Inc	MINE	80020	Gates Quarry	12/6/2013	Renewal	90.5
Hamlin	Elliott, Randall J	MINE	80532	Moscow Road Pit	8/13/2013	Renewal	24.4
Penfield	Dolomite Products Company Inc	MINE	80021	Penfield Quarry	6/6/2013	Renewal	154.0
Wheatland	Syracuse Sand & Gravel LLC	MINE	80563	A & R Pit	8/1/2013	Modification	19.7
Montgomery							
St Johnsville	Hanson Aggregates Brd	MINE	40054	St. Johnsville Quarry	7/25/2013	Renewal	85.4
St Johnsville	Rifenburg Construction Inc	MINE	40024	Pit #2 (Former Burgess Pit)	5/29/2013	Renewal	46.7
Niagara							
Lockport	Redland Quarries NY Inc	MINE	90017	Lockport Quarry	9/16/2013	Modification	373.2
Newfane	George, Kenneth M	MINE	91021	Murphy Road site	10/10/2013	Renewal	1.0
Oneida							
Boonville	Hanson Aggregates New York L	MINE	60039	Boonville Pit	9/22/2013	Renewal	96.3
Boonville	Hanson Aggregates New York L	MINE	60204	Sperry Hill S&G	1/2/2013	Renewal	35.3
Forestport	Kratzenberg, Robert J	MINE	61117	Kratzenberg Sand & Gravel Mine	1/18/2013	New	5.0

Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Oneida							
Marshall	Peck, Gary R	MINE	60710	Maxwell Road Gravel Pit	7/2/2013	Renewal	5.0
Paris	Ludlow, G Kevin	MINE	60073	Ludlow Sand & Gravel	10/3/2013	Renewal	17.7
Part	Hanson Aggregates New York L	MINE	60041	Oriskany Falls Quarry	8/15/2013	Renewal	271.8
Remsen	Harvey Materials Corp	MINE	60964	Remsen Mine	9/13/2013	Renewal	10.8
Rome	Aikens Construction Of Rome I	MINE	60200	Gifford Road Pit	11/1/2013	Renewal	48.2
Rome	Lanz Construction Inc	MINE	60471	Rickmeyer Road	2/5/2013	Renewal	3.0
Western	Alliance Paving Materials Inc	MINE	60430	Anderegg Mine	1/7/2013	Renewal	43.9
Western	Alliance Paving Materials Inc	MINE	60976	River Road Mine	9/3/2013	Modification	29.5
Western	Western, Town of	MINE	61011	Hoke Pit	7/22/2013	Renewal	4.0
Whitestown	Fred Burrows Trucking & Exca	MINE	60160	Route 69 Pit	10/1/2013	Renewal	22.0
Onondaga							
Cicero	Gerber, Janet F	MINE	70466	Gerber Topsoil - Oxbow Road	11/29/2013	Renewal	45.0
Clay	Syracuse Sand & Gravel LLC	MINE	70740	Black Creek Road Mine,Black Creek R	4/16/2013	Modification	59.0
Onondaga	W F Saunders & Sons Inc	MINE	70648	Griffin Mine	7/26/2013	Renewal	5.0
Ontario							
Hopewell	Willow Bend Farm LLC	MINE	80811	Yates Clay Mine #2	12/3/2013	Renewal	2.4
Manchester	Dolomite Products Company Inc	MINE	80043	Manchester Quarry	4/1/2013	Renewal	171.1
Phelps	Dendis Sand & Gravel Inc	MINE	80037	Oaks Corners Pit	12/19/2013	Modification	89.5
Phelps	Syracuse Sand & Gravel LLC	MINE	80025	Gifford Road Pit	10/3/2013	Modification	38.4
Phelps	Syracuse Sand & Gravel LLC	MINE	80634	Lake Road Pit	10/1/2013	Modification	60.3
Phelps	Syracuse Sand & Gravel LLC	MINE	80634	Lake Road Pit	8/1/2013	Modification	60.3
Victor	Hanson Aggregates New York L	MINE	80050	Victor S&G Mine	3/26/2013	Renewal	153.5
Victor	J G Turner Inc	MINE	80197	Turner Pit	4/10/2013	Modification	8.0
Orange							
Blooming Grove	Steel Style Inc	MINE	30445	Blooming Grove Mine	1/7/2013	Renewal	12.9
Goshen	E Tetz & Sons Inc	MINE	30552	Echo Lake Mine	2/1/2013	Renewal	8.5
Goshen	Tilcon New York Inc	MINE	30034	Goshen Quarry	8/22/2013	Modification	55.4
Montgomery	Crist Brothers Orchards Inc	MINE	30499	Crist Bros. Mine	1/16/2013	Renewal	21.0
Wallkill	E Tetz & Sons Inc	MINE	30493	Phillipsburg Road Mine	7/24/2013	Renewal	3.3
Wawayanda	E Tetz & Sons Inc	MINE	30246	Slate Hill Site	7/19/2013	Modification	86.0
Wawayanda	E Tetz & Sons Inc	MINE	30246	Slate Hill Site	6/25/2013	Renewal	86.0
Orleans							
Barre	Eagle Harbor Sand and Gravel I	MINE	80171	Eagle Harbor Mine	6/3/2013	Modification	180.9

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Orleans							
Barre	Keeler Construction Co Inc	MINE	80166	Wilson Quarry	3/4/2013	Modification	202.2
Murray	Hanson Aggregates New York L	MINE	80072	Hulberton Quarry	3/26/2013	Renewal	68.3
Oswego							
Amboy	Syracuse Sand & Gravel LLC	MINE	70781	Birmingham Gravel Pit	8/15/2013	Renewal	21.3
Constantia	North Country Concrete & Bloc	MINE	70353	Constantia Center Mine - Co. Rt. 17	9/10/2013	Renewal	89.6
Granby	Syracuse Sand & Gravel LLC	MINE	70465	Granby Mine, County Route 85	7/25/2013	Renewal	91.5
Granby	WD Malone Trucking & Excava	MINE	70551	Granby Pit	2/15/2013	Modification	13.1
Hannibal	Oswego County DPW	MINE	70999	Beckwith Pit	5/7/2013	New	6.2
Hannibal	Wheats' Backhoe and Snow Re	MINE	70970	Wheats' Pit	12/9/2013	Modification	6.8
Hastings	A J Montclair Inc	MINE	70559	Hogsback Road Mine	7/23/2013	Renewal	10.6
Hastings	Cemento LLC	MINE	70535	Barker Road Mine	5/8/2013	Renewal	14.6
Hastings	Weaver, Robert L	MINE	70763	Hogs Back Pit - Hogsback Road	8/9/2013	Modification	10.3
Palermo	Bresnahan, Robert	MINE	70818	Roberta Rice Mine	12/23/2013	Renewal	7.4
Palermo	Bresnahan, Robert	MINE	70893	Bresnahan Topsoil Mine	4/11/2013	Renewal	32.1
Palermo	North Country Concrete & Bloc	MINE	70306	Stephen Geer Gravel Bed	2/4/2013	Renewal	17.0
Richland	Coffin, Robert E	MINE	70813	Coffin Topsoil Mine - Peck Road	10/4/2013	Modification	25.4
Schroepfel	BLC Aggregates LLC	MINE	70305	Bates Bed	5/7/2013	Modification	14.4
Schroepfel	Brown, Connie	MINE	70381	Gilbert Mills Road Facility	7/16/2013	Renewal	16.8
Schroepfel	Gabor, Donald J	MINE	70568	Gabor Mine	10/30/2013	Renewal	5.0
Scriba	Lazarek Inc	MINE	70339	Scriba Pit	10/30/2013	Renewal	29.0
Volney	H & R Topsoil Inc	MINE	70612	H&R Topsoil	7/3/2013	Modification	35.0
Volney	Northern Aggregates Inc	MINE	70260	Snyder Mine	1/2/2013	Renewal	34.7
Volney	Northern Aggregates Inc	MINE	70409	Baldwin Road - Ives	5/7/2013	Renewal	45.7
West Monroe	Cemento LLC	MINE	70212	Jack Brown And Sons 49 pit	2/25/2013	Renewal	51.1
West Monroe	Cemento LLC	MINE	70803	Hildreth - Bisbo Mine	3/12/2013	Renewal	14.8
Williamstown	Williamstown, Town of	MINE	70586	Kasoag Mine	6/18/2013	Renewal	13.3
Otsego							
Middlefield	Milford, Town of	MINE	40645	New Joe Kriz Pit - North Pit	5/1/2013	Renewal	6.3
Milford	Burton F Clark Inc	MINE	40596	Peterson Mine	5/3/2013	Modification	14.0
Milford	Seward Sand & Gravel Inc	MINE	40046	Seward Sand & Gravel (Hemlock Road)	7/5/2013	Modification	61.0
Unadilla	Barnes, Michael	MINE	40652	Zupan/Barnes Prop. Pit	5/8/2013	Renewal	13.0
Unadilla	Waste Recovery Enterprises LL	MINE	40798	Earl Road Gravel Mine	11/19/2013	Modification	18.6

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Rensselaer							
East Greenbush	James H Maloy Inc	MINE	40413	Hayes Road Clay Pit	9/18/2013	Renewal	2.6
Grafton	R J Valente Gravel Inc	MINE	40693	Grafton Quarry	6/3/2013	Modification	45.9
Grafton	R J Valente Gravel Inc	MINE	40693	Grafton Quarry	9/17/2013	Renewal	45.9
Hoosick	William E Dailey Inc	MINE	40670	Hoosick Quarry	8/1/2013	Renewal	55.4
Nassau	Smith, Daniel G	MINE	40677	Teasdale Mine	1/10/2013	Renewal	7.0
North Greenbush	Callanan Industries Inc	MINE	40019	Wynantskill Pit	12/19/2013	Renewal	411.9
Sand Lake	Troy Sand & Gravel Co Inc	MINE	40701	Reichards Lake Pit	10/26/2013	Renewal	1.3
Schaghticoke	Troy Sand & Gravel Co Inc	MINE	40566	Dyer Lease Pit	12/10/2013	Renewal	8.4
Schaghticoke	Warren W Fane Inc	MINE	40738	Ward Bank	7/23/2013	Renewal	41.7
Rockland							
Ramapo	Tilcon New York Inc	MINE	30036	Suffern Quarry	4/2/2013	Renewal	38.0
Saratoga							
Clifton Park	Hicks, Thomas A	MINE	50933	Sugar Hill Bank	10/2/2013	Renewal	15.7
Corinth	Pallette Stone Corp	MINE	50364	South Corinth Bank	5/15/2013	Renewal	121.0
Corinth	Pompa Bros Inc	MINE	50264	Wells Rd Pit	7/29/2013	Renewal	5.8
Edinburg	Edinburg, Town of	MINE	50285	Dimick Sand Pit	4/8/2013	Modification	3.0
Greenfield	Ballston and Greenfield, Towns	MINE	50290	Greenfield Gravel Bed	9/24/2013	Renewal	32.0
Greenfield	Pompa Bros Inc	MINE	50263	Coy Rd Pit	7/29/2013	Renewal	115.2
Hadley	Hadley, Town of	MINE	50007	Hadley Mine	10/24/2013	Renewal	5.0
Halfmoon	R J Valente Gravel Inc	MINE	50507	Ruchlicki Pit	3/8/2013	Modification	65.0
Moreau	Cranesville Aggregate Compani	MINE	50039	Hudson Valley Sand and Stone	12/3/2013	Modification	74.6
Moreau	Lehigh Northeast Cement Co	MINE	50021	Glens Falls Quarry	7/29/2013	Renewal	286.0
Northumberland	James H Maloy Inc	MINE	50214	Wells Bank	10/24/2013	Renewal	6.0
Northumberland	Scott Finch Landfill Partnership	MINE	50834	Shale Pit	6/25/2013	Renewal	2.1
Providence	Saratoga County DPW	MINE	50746	Saratoga County Gravel Pit #2	9/24/2013	Renewal	19.0
Providence	Troy Sand & Gravel Co Inc	MINE	50187	Providence Mining Pit	10/24/2013	Renewal	9.0
Saratoga Spring	Pallette Stone Corp	MINE	50044	Saratoga Springs Quarry	7/29/2013	Renewal	80.0
Stillwater	The Luther Forest Corp	MINE	50049	Luther Forest Mine	5/15/2013	Renewal	51.0
Schenectady							
Rotterdam	William M Larned & Sons Inc	MINE	40564	Iovinella/Larned Feuz Rd. Subdivision	8/28/2013	Modification	10.7
Schoharie							
Broome	Broome, Town of	MINE	40628	Kelly Pit	9/26/2013	Renewal	5.0
Carlisle	Chichester, Everett R Jr	MINE	40635	Hunt Carlisle Shale Mine	4/5/2013	Renewal	7.2

Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Schoharie							
Conesville	Carver Sand & Gravel LLC	MINE	40692	Conesville Pit	2/22/2013	Renewal	18.5
Gilboa	Platterkill Sand & Gravel Inc	MINE	40481	Platterkill Gravel Mine	2/15/2013	Renewal	14.0
Schuyler							
Montour	Catharine, Town of	MINE	80723	Reynolds Pit	2/7/2013	Renewal	9.9
Seneca							
Waterloo	Seneca Meadows Inc	MINE	80837	Seneca ViewSurface Mine	7/19/2013	New	97.9
St. Lawrence							
Colton	Northeast Drainage LLC	MINE	61122	Northeast Colton Mine	11/26/2013	New	5.0
Gouverneur	Stiles, Ronald	MINE	60350	Process Sand And Gravel	1/23/2013	Renewal	29.5
Hammond	Greystone Quarries Inc	MINE	61015	North Country Mine	10/3/2013	Renewal	4.9
Lisbon	Curran Logging Inc	MINE	60867	Lisbon Topsoil Mine	9/6/2013	Renewal	56.9
Louisville	Seaway Timber Harvesting Inc	MINE	61100	Louisville Sand Mine	1/24/2013	Modification	20.7
Morristown	Stout's Ready Mix Ltd	MINE	60527	Gravel Pit 2	9/9/2013	Renewal	3.8
Oswegatchie	Seaway Timber Harvesting Inc	MINE	61051	Livingston Topsoil Mine	1/24/2013	Renewal	40.0
Pierrepont	Canton, Town of - Highway De	MINE	60126	Beech Plains Gravel Pit	2/7/2013	Renewal	16.0
Pitcairn	Mr Grant Contr Inc	MINE	61009	Grant Pit	7/2/2013	Modification	6.4
Pitcairn	Mr Grant Contr Inc	MINE	61009	Grant Pit	8/2/2013	Renewal	6.4
Russell	Russell, Town of	MINE	60696	Town Of Russell Gravel Pit	3/20/2013	Renewal	12.3
Waddington	Waddington, Town of	MINE	60076	Hunter Pit	11/29/2013	Renewal	5.0
Steuben							
Avoca	Steuben County	MINE	80845	Mitchell Pit	9/19/2013	New	8.7
Bradford	Machuga, Edward J	MINE	80039	Machuga Mine	2/15/2013	Renewal	27.1
Bradford	Schuyler County	MINE	80571	Machuga Pit	1/15/2013	Renewal	8.0
Campbell	Austin Construction LLC	MINE	80777	Campbell Mine	3/26/2013	Modification	34.2
Campbell	Dalrymple Gravel & Contractin	MINE	80796	Smith Gravel Mine	9/23/2013	Renewal	77.6
Coming	Gridley Excavating, LLC	MINE	80851	Gridley River Road Gravel Mine	5/8/2013	New	5.0
Coming City	Swartz, Wayne	MINE	80824	Swartz Mine	10/17/2013	Renewal	4.0
Erwin	Dalrymple Gravel & Contractin	MINE	80769	Smith Hill Road Pit	10/24/2013	Renewal	93.7
Erwin	Erwin, Town of	MINE	80302	Erwin Mine	3/22/2013	Renewal	16.0
Erwin	Erwin, Town of	MINE	80730	Town Of Erwin Gravel Pit	2/5/2013	Renewal	11.8
Erwin	Syracuse Sand & Gravel LLC	MINE	80586	Gang Mills Pit/Hakes Construction	8/1/2013	Modification	7.7
Fremont	Dansville, Town of	MINE	80739	Eisman Road #1 Mine	8/16/2013	Renewal	13.0
Lindley	Glenn O Hawbaker Inc	MINE	80153	Presho Pit	4/10/2013	Renewal	45.6

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Steuben							
Rathbone	Tuscarora, Town of	MINE	80728	Tuscarora Gravel Pit	3/27/2013	Renewal	37.9
Suffolk							
Brookhaven	Stargazer Constuction Corp	MINE	10123	Hamptons Club @ Eastport	5/17/2013	Renewal	6.7
Riverhead	Riverhead, Town of	MINE	10125	Manor Lane Basin	10/4/2013	New	12.2
Riverhead	Suffolk Cement Products Inc	MINE	10011	Suffolk Cement Osborne Ave	6/21/2013	Renewal	15.0
Smithtown	All Island Mason Supply Inc	MINE	10076	All Island Mason Supply Inc Mine	10/30/2013	Renewal	16.0
Smithtown	R Schleider Contracting Corp	MINE	10061	R Schleider Contracting	10/28/2013	Renewal	21.0
Southampton	Sand Land Corp	MINE	10033	Sand Land Mining	11/5/2013	Renewal	31.5
Southampton	Wainscott Properties Inc	MINE	10041	Wainscott Properties Flanders Site	4/29/2013	Renewal	3.0
Sullivan							
Callicoon	Callicoon, Town of	MINE	30075	Youngsville Gravel Pit	8/16/2013	Renewal	4.9
Mamakating	E Tetz & Sons Inc	MINE	30084	Winterton Rd./Bloomingburg Mine	9/20/2013	Modification	60.0
Mamakating	JML Quarries Inc	MINE	30007	Masten Lake Mine	2/6/2013	Renewal	230.0
Thompson	Lancaster Development Inc	MINE	30669	Foss Road Borrow Pit	11/14/2013	Renewal	4.1
Tioga							
Barton	State Line Auto Auction Inc	MINE	70656	State Line Mine - Chapel Road	5/1/2013	Renewal	4.9
Candor	Candor, Town of	MINE	70940	Candor Catatonk Mine	12/3/2013	Renewal	15.5
Candor	Whetzel, Kim K	MINE	70704	Willseyville Mine -White Church Road	1/19/2013	Renewal	23.1
Nichols	F S Lopke Contracting Inc	MINE	70028	Nichols-Barrett Site	4/30/2013	Renewal	112.0
Owego	Barney And Dickenson Inc	MINE	70856	Truman Pit	2/25/2013	Modification	44.8
Owego	Syracuse Sand & Gravel LLC	MINE	70733	Dellapenna Pit	5/20/2013	Renewal	15.0
Tompkins							
Dryden	RMS Gravel Inc	MINE	70174	RMS Gravel - Bartlett Pit, Mott Road	10/23/2013	Renewal	60.8
Dryden	RMS Gravel Inc	MINE	70748	South Mine	10/16/2013	Renewal	55.3
Ithaca	Rancich, John	MINE	70849	Marshall	10/7/2013	Renewal	4.8
Newfield	Eddy, Alfred C	MINE	70560	Sayles Gravel Mine	2/12/2013	Renewal	9.0
Ulster							
Rochester	Bell, Gordon	MINE	30489	Gordon Bell Mine	3/19/2013	Renewal	6.7
Rochester	Frank Kortright Excavating Inc	MINE	30144	Rochester Center Road Pit	9/3/2013	Renewal	18.2
Rochester	Rochester, Town of	MINE	30077	Airport Rd.	2/4/2013	Renewal	18.0
Rochester	Rochester, Town of	MINE	30077	Airport Rd.	2/4/2013	Renewal	18.0
Rochester	Rochester, Town of	MINE	30311	Krum Rd.	7/25/2013	Renewal	13.5
Shawangunk	Stap, Robert	MINE	30659	Stap Farm Mine	7/10/2013	New	5.0

Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Ulster							
Ulster	Thomas Slattery Dba Duke's Pit	MINE	30153	Duke's Pit	6/19/2013	Renewal	45.1
Warren							
Bolton	In The Woods Group LLC	MINE	50807	Bolton Gravel Pit	1/22/2013	Renewal	9.7
Chester	Bennett, Edward W	MINE	50983	Bennett Pit	12/9/2013	Modification	3.9
Chester	Gilma Enterprises	MINE	50250	Gilma Site	6/12/2013	Renewal	15.2
Johnsburg	Bateman, Joseph A	MINE	50418	Bateman Pit	6/12/2013	Modification	2.0
Johnsburg	Peck Properties LLC	MINE	50694	Holland Road Mine Site	4/26/2013	Renewal	5.0
Queensbury	Great Escape Theme Park LLC	MINE	50619	Great Escape Sand Pit	10/24/2013	Renewal	3.3
Warrensburg	Adk Rock Farm Inc	MINE	50523	Lambert Pit	6/25/2013	Modification	10.3
Washington							
Dresden	Dedrick, Richard	MINE	50819	Dedrick's Dresden Station Sand Pit	3/14/2013	Renewal	2.2
Dresden	Dresden, Town of, Highway De	MINE	50833	Steele Gravel Mine	9/24/2013	Renewal	4.7
Dresden	Rozell, William	MINE	50986	Rozell Gravel & Topsoil Pit	6/12/2013	Renewal	4.0
Easton	Peckham Materials Corp	MINE	50034	Middle Falls Quarry	10/2/2013	Renewal	7.4
Fort Ann	Jointa Galusha LLC	MINE	50159	Fort Ann Bank	7/29/2013	Renewal	85.0
Fort Ann	Kingsbury, Town of	MINE	50071	Tripoli Pit	9/24/2013	Renewal	15.3
Fort Ann	Markie, Ronald	MINE	50794	Deweys Bridge Quarry	10/28/2013	Renewal	2.8
Fort Ann	Peckham Materials Corp	MINE	50504	Washington County Mine	12/9/2013	Renewal	38.2
Fort Ann	Schermerhorn Construction LL	MINE	50572	Yole Sand Pit	6/12/2013	Renewal	15.0
Fort Ann	Terra Materials Group LLC/Mo	MINE	50985	Fort Ann Quarry	6/12/2013	Modification	6.5
Fort Ann	Washington County Dept of Pub	MINE	50002	Tripoli Sand & Gravel Pit	6/12/2013	Renewal	41.0
Greenwich	Higgins, Wendy P	MINE	50925	Higgins Gravel Mine	6/5/2013	New	2.0
Jackson	Belton Farms Inc	MINE	50846	Murray Hollow	10/28/2013	Renewal	5.0
Kingsbury	Peckham Materials Corp	MINE	50033	Hudson Falls Quarry	11/15/2013	Renewal	109.3
Kingsbury	Yolam Construction Inc	MINE	50467	Rich Clay Pit	10/2/2013	Renewal	41.8
Salem	Peckham Materials Corp	MINE	50328	E. Perry Bank	9/24/2013	Renewal	11.6
Whitehall	Wood Construction	MINE	50944	Wood's Shale Mine	11/15/2013	Renewal	4.0
Wayne							
Butler	Butler, Town of	MINE	80396	T Hwy Pit	5/22/2013	Renewal	25.5
Butler	Syracuse Sand & Gravel LLC	MINE	80531	Bond's Sand and Gravel Pit	10/28/2013	Modification	19.2
Galen	Montemorano Bros	MINE	80787	The Flats Turf and Gravel	2/7/2013	Renewal	39.5
Huron	Furnaceville Holding LLC	MINE	80544	Alton Pit	9/27/2013	Renewal	7.4
Macedon	Smith, Gregory P	MINE	80605	Smith Gravel Pit	11/13/2013	Renewal	25.0

New York State Oil, Gas and Mineral Resources, 2013
Mined Land Permits Issued During 2013

1/2/2014

Town	Company	Type	MineID	Mine Name	Issue Date	Type	Acres Affected
Wayne							
Palmyra	Marion, Town of	MINE	80128	Lyon Gravel Mine	10/19/2013	Renewal	35.3
Wyoming							
Bennington	Kissell, Raymond & Joan	MINE	90355	Kissell's Gravel Pit	9/10/2013	Renewal	14.5
Eagle	Davis, James F	MINE	90995	Davis Gravel Mine	6/12/2013	Renewal	8.3
Eagle	Wyco Construction Inc	MINE	90625	Wyco Gravel Pit	10/4/2013	Modification	2.0
Gainesville	Hulme, Edward	MINE	90686	Johnson Gravel Pit	5/9/2013	Renewal	10.0
Java	Java Materials Inc	MINE	90433	Hackett Pit	6/27/2013	Renewal	10.0
Orangeville	Orangeville, Town of	MINE	90535	Wright Pit	7/12/2013	Renewal	8.0
Orangeville	Wyco Construction Inc	MINE	91052	Quakertown Road Mine	10/23/2013	New	9.3
Pike	Earth Operations LLC	MINE	90718	Fisher Pit	2/15/2013	Renewal	1.0
Pike	Walkley, Lincoln	MINE	90172	Westwind Aggregates Mine	11/12/2013	Renewal	28.0
Pike	Walkley, Lincoln	MINE	90207	TV Pit	5/30/2013	Renewal	16.0
Yates							
Torrey	City Hill Excavating Inc	MINE	80229	Hansen Pit	7/3/2013	Modification	22.7

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Albany						
Bluestone	2	0	80	42	6	36
Clay	1	5	72	75	56	19
Dolostone	1	0	7	7	0	7
Limestone	3	0	1,708	1,191	27	1,164
Sand and Gravel	11	23	489	449	264	185
Shale	2	4	108	110	27	83
Topsoil	0	1	22	22	22	0
County Totals	20	33	2,486	1,896	402	1,494
Allegany						
Clay	1	1	7	7	6	1
Glacial Till	0	2	3	2	2	0
Sand and Gravel	36	56	1,617	817	456	361
Sandstone	0	1	8	8	8	0
Shale	2	0	8	8	0	8
Topsoil	0	1	8	2	2	0
County Totals	39	61	1,652	844	474	370
Broome						
Bluestone	36	16	399	296	50	246
Clay	0	2	34	6	6	0
Glacial Till	0	3	19	19	19	0
Sand and Gravel	23	28	1,263	1,201	699	502
Shale	1	0	15	15	0	15
Topsoil	0	1	3	3	3	0
County Totals	60	50	1,733	1,540	777	763
Cattaraugus						
Clay	0	2	16	16	16	0
Glacial Till	0	2	8	8	8	0
Peat	1	0	6	5	0	5
Sand and Gravel	68	54	4,833	2,715	1,343	1,372
Shale	2	4	34	34	21	13
Topsoil	0	1	15	15	15	0
County Totals	71	63	4,912	2,792	1,403	1,389
Cayuga						
Clay	0	4	31	31	31	0
Glacial Till	1	1	26	26	6	20
Limestone	1	0	225	64	0	64
Sand and Gravel	14	45	1,002	595	327	268
Shale	0	1	0	0	0	0
County Totals	16	51	1,284	716	364	352

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Chautauqua						
Clay	1	2	82	82	80	2
Glacial Till	0	2	35	28	28	0
Sand and Gravel	48	84	1,774	1,072	678	393
Sandstone	0	1	28	12	12	0
Shale	1	0	3	3	0	3
Topsoil	0	3	24	31	31	0
County Totals	50	92	1,946	1,228	829	399
Chemung						
Clay	0	1	4	4	4	0
Glacial Till	0	8	0	54	54	0
Sand and Gravel	24	42	920	846	457	389
Topsoil	1	2	59	35	34	1
County Totals	25	53	983	939	549	390
Chenango						
Bluestone	4	2	69	50	17	33
Clay	0	1	13	1	1	0
Sand and Gravel	30	50	1,364	1,009	403	606
Sandstone	2	0	129	34	0	34
Shale	2	6	28	28	14	14
Topsoil	1	1	18	6	0	6
County Totals	39	60	1,622	1,128	435	693
Clinton						
Clay	1	3	16	9	7	2
Limestone	4	1	200	166	3	163
Sand and Gravel	54	68	2,153	1,467	649	817
Sandstone	6	0	252	126	32	94
Stone	1	0	69	23	0	23
Topsoil	0	4	25	37	37	0
County Totals	66	76	2,715	1,828	728	1,100
Columbia						
Clay	0	6	48	111	111	0
Limestone	2	0	1,288	508	0	508
Peat	1	11	63	75	68	7
Sand and Gravel	27	30	1,227	941	365	575
Shale	0	1	3	3	3	0
County Totals	30	48	2,629	1,637	547	1,090
Cortland						
Glacial Till	0	2	9	5	5	0
Sand and Gravel	15	33	982	824	511	312
Shale	0	1	1	1	1	0
County Totals	15	36	992	830	517	312

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Delaware						
Bluestone	39	20	458	364	83	282
Clay	0	1	5	4	4	0
Sand and Gravel	33	59	855	740	376	364
Sandstone	1	0	131	131	0	131
County Totals	73	80	1,449	1,239	462	777
Dutchess						
Dolostone	3	0	833	568	11	557
Glacial Till	0	1	0	0	0	0
Granite	2	0	353	114	5	109
Peat	0	1	0	140	140	0
Sand and Gravel	47	80	2,737	2,485	1,678	807
Shale	0	1	0	5	5	0
Stone	0	1	70	70	70	0
County Totals	52	84	3,993	3,382	1,909	1,473
Erie						
Clay	2	13	302	236	226	10
Glacial Till	0	3	72	65	65	0
Limestone	3	0	1,357	1,122	400	722
Sand and Gravel	36	36	2,624	1,680	1,001	679
Shale	2	0	11	6	0	6
Topsoil	0	4	226	141	141	0
County Totals	43	56	4,592	3,250	1,833	1,417
Essex						
Clay	0	1	3	3	3	0
Granite	4	0	443	178	1	177
Iron Ore	0	1	138	138	138	0
Limestone	0	2	2	4	4	0
Sand and Gravel	36	44	947	585	242	344
Topsoil	1	1	17	27	10	17
Wollastonite	3	0	227	227	2	225
County Totals	44	49	1,777	1,163	400	763
Franklin						
Clay	1	0	51	26	6	20
Granite	1	0	108	77	0	77
Sand and Gravel	63	58	1,166	852	344	508
Sandstone	2	0	56	26	0	26
Topsoil	0	3	10	30	30	0
County Totals	67	61	1,391	1,011	380	631
Fulton						
Glacial Till	0	1	0	2	2	0
Granite	2	0	243	109	2	107
Sand and Gravel	24	26	941	514	230	283
Topsoil	0	1	8	7	7	0
County Totals	26	28	1,192	632	241	390

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Genesee						
Clay	0	2	17	6	6	0
Gypsum	1	0	15	15	15	0
Limestone	5	0	1,230	875	0	875
Marl	0	2	29	29	29	0
Sand and Gravel	13	20	1,692	881	423	458
County Totals	19	24	2,983	1,806	473	1,333
Greene						
Clay	0	1	12	12	12	0
Glacial Till	0	1	10	10	10	0
Limestone	3	0	2,274	687	0	687
Sand and Gravel	9	17	307	263	154	109
Sandstone	1	1	129	18	4	14
Shale	8	3	303	215	22	193
Topsoil	0	1	8	8	8	0
County Totals	21	24	3,043	1,213	210	1,003
Hamilton						
Dolostone	1	0	35	35	0	35
Sand and Gravel	20	25	232	212	120	92
Stone	0	1	0	4	4	0
County Totals	21	26	267	251	124	127
Herkimer						
Clay	0	8	66	66	66	0
Dolostone	2	0	68	42	0	42
Limestone	3	0	728	477	6	471
Sand and Gravel	36	70	1,625	1,070	398	671
Topsoil	1	1	17	9	4	5
County Totals	42	79	2,504	1,663	474	1,189
Jefferson						
Clay	0	8	83	120	120	0
Granite	1	0	15	9	0	9
Limestone	17	7	1,340	1,040	117	923
Peat	0	2	23	14	14	0
Sand and Gravel	45	127	2,268	1,718	1,002	716
Shale	1	0	2	2	0	2
Topsoil	1	11	246	234	227	7
County Totals	65	155	3,977	3,137	1,480	1,657
Lewis						
Clay	0	3	6	6	6	0
Limestone	4	1	239	121	3	118
Sand and Gravel	31	84	831	725	373	352
Shale	1	11	59	58	55	3
Topsoil	0	1	0	3	3	0
Wollastonite	1	0	54	47	8	38
County Totals	37	100	1,190	960	448	511

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Livingston						
Glacial Till	0	2	0	11	11	0
Limestone	1	0	429	302	0	302
Peat	0	1	3	3	3	0
Salt	2	0	9,055	975	30	945
Sand and Gravel	18	29	1,254	1,065	584	481
County Totals	21	32	10,741	2,356	628	1,728
Madison						
Clay	0	1	10	1	1	0
Glacial Till	0	1	18	18	18	0
Limestone	5	0	447	265	0	265
Peat	0	1	70	5	5	0
Sand and Gravel	18	25	867	520	288	232
Topsoil	0	1	49	0	0	0
County Totals	23	29	1,461	809	312	497
Monroe						
Dolostone	2	0	245	245	67	178
Glacial Till	0	6	25	71	71	0
Limestone	1	0	298	298	10	288
Sand and Gravel	9	23	1,081	759	526	233
County Totals	12	29	1,648	1,372	673	699
Montgomery						
Clay	0	1	4	4	4	0
Dolostone	2	0	308	281	0	281
Limestone	1	1	207	175	7	168
Sand and Gravel	4	6	238	191	75	116
Shale	0	1	0	3	3	0
County Totals	7	9	757	655	89	566
Multicounty						
Limestone	1	0	159	158	33	125
Sand and Gravel	0	1	2	2	2	0
County Totals	1	1	161	160	35	125
Multi-Region						
Salt	1	0	13,417	9,260	0	9,260
County Totals	1	0	13,417	9,260	0	9,260
Nassau						
Sand and Gravel	0	5	334	334	334	0
County Totals	0	5	334	334	334	0

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Niagara						
Clay	6	13	564	404	310	94
Dolostone	1	0	435	373	89	284
Glacial Till	0	1	10	10	10	0
Limestone	2	0	634	367	87	280
Sand and Gravel	1	13	172	166	159	7
Topsoil	1	1	6	6	5	1
County Totals	11	28	1,821	1,326	660	666
Oneida						
Clay	0	3	20	25	25	0
Granite	1	0	100	100	0	100
Industrial Sand	1	1	525	29	5	24
Limestone	1	0	342	272	14	258
Sand and Gravel	59	83	2,682	1,459	772	687
Shale	0	2	6	6	6	0
Topsoil	1	1	8	8	3	5
County Totals	63	90	3,683	1,898	825	1,073
Onondaga						
Clay	2	1	69	69	18	51
Glacial Till	0	15	178	185	185	0
Limestone	7	1	2,076	1,687	115	1,572
Sand and Gravel	27	28	1,298	998	530	468
Shale	1	3	76	52	8	44
Topsoil	2	4	174	126	116	10
County Totals	39	52	3,869	3,117	973	2,145
Ontario						
Clay	2	2	57	57	46	11
Glacial Till	0	1	0	9	9	0
Limestone	2	0	665	396	0	396
Sand and Gravel	36	26	2,851	1,962	898	1,064
Topsoil	0	1	0	8	8	0
County Totals	40	30	3,574	2,433	961	1,472
Orange						
Dolostone	1	1	80	80	25	55
Glacial Till	0	1	3	2	2	0
Limestone	1	1	0	36	6	30
Sand and Gravel	27	62	1,521	1,378	1,049	329
Sandstone	1	0	95	43	0	43
Shale	5	1	311	194	94	100
Topsoil	0	1	10	10	10	0
County Totals	35	67	2,020	1,743	1,186	558

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Orleans						
Clay	0	4	64	60	60	0
Dolostone	1	0	318	202	38	165
Glacial Till	0	3	0	8	8	0
Limestone	1	0	140	81	34	47
Sand and Gravel	11	13	690	391	272	119
Sandstone	4	0	253	186	8	178
County Totals	17	20	1,464	928	420	508
Oswego						
Glacial Till	0	4	25	21	21	0
Industrial Sand	0	1	1	1	1	0
Limestone	1	0	7	4	0	4
Sand and Gravel	87	87	4,957	2,882	1,331	1,551
Topsoil	2	4	131	98	71	28
County Totals	90	96	5,122	3,006	1,424	1,582
Otsego						
Bluestone	0	1	5	5	5	0
Clay	0	3	7	10	10	0
Sand and Gravel	32	30	946	867	402	465
Shale	1	2	10	6	1	5
Topsoil	1	1	7	3	0	3
County Totals	34	37	975	891	418	472
Putnam						
Limestone	1	0	56	56	0	56
Sand and Gravel	0	11	49	79	79	0
Stone	1	0	8	4	0	4
County Totals	2	11	113	139	79	59
Rensselaer						
Clay	1	3	20	19	16	2
Limestone	1	0	60	55	0	55
Sand and Gravel	46	50	2,383	1,824	468	1,356
Sandstone	3	0	277	149	0	149
Shale	1	1	149	142	6	136
Stone	1	0	46	46	0	46
County Totals	53	54	2,934	2,235	491	1,745
Rockland						
Basalt	1	0	38	38	8	30
Dolostone	1	0	184	145	0	145
Sand and Gravel	0	1	0	0	0	0
Trap Rock	2	0	386	250	0	250
County Totals	4	1	608	433	8	425

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Saratoga						
Clay	4	5	72	53	29	24
Granite	2	0	559	204	13	191
Industrial Sand	0	2	90	95	95	0
Limestone	3	0	521	433	30	403
Sand and Gravel	50	54	2,155	1,440	444	996
Shale	1	1	13	3	1	2
Topsoil	0	3	52	39	39	0
County Totals	60	65	3,462	2,266	650	1,616
Schenectady						
Clay	0	1	15	15	15	0
Limestone	1	0	3	3	0	3
Peat	1	0	107	13	0	13
Sand and Gravel	7	7	342	299	91	208
Shale	1	1	26	12	6	6
County Totals	10	9	493	342	112	230
Schoharie						
Limestone	4	0	532	390	0	390
Sand and Gravel	11	12	205	194	59	135
Shale	2	5	27	24	10	14
County Totals	17	17	764	607	69	539
Schuyler						
Clay	0	1	0	20	20	0
Glacial Till	0	1	0	2	2	0
Sand and Gravel	12	22	500	414	175	239
Shale	0	1	0	1	1	0
Topsoil	0	1	2	2	2	0
County Totals	12	26	502	439	200	239
Seneca						
Clay	2	1	230	207	101	106
Limestone	1	0	515	336	0	336
Sand and Gravel	2	4	184	121	72	50
Shale	0	1	2	2	2	0
County Totals	5	6	931	666	175	491
St. Lawrence						
Clay	1	8	132	128	120	8
Dolostone	5	0	793	409	85	324
Granite	2	0	32	16	0	16
Marble	1	0	173	70	2	68
Sand and Gravel	82	143	2,933	2,165	1,136	1,029
Sandstone	2	0	34	11	0	11
Talc	1	1	194	190	147	43
Topsoil	2	19	480	380	331	49
Zinc	1	3	1,441	881	540	341
County Totals	97	174	6,210	4,250	2,361	1,889

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Steuben						
Clay	0	1	0	25	25	0
Glacial Till	0	6	11	55	55	0
Sand and Gravel	72	76	3,089	2,593	909	1,684
Sandstone	1	0	92	91	0	91
Topsoil	1	2	17	17	16	1
County Totals	74	85	3,209	2,781	1,005	1,776
Suffolk						
Sand and Gravel	25	55	1,966	1,949	806	1,143
County Totals	25	55	1,966	1,949	806	1,143
Sullivan						
Sand and Gravel	21	46	767	720	454	267
Sandstone	4	1	1,189	792	2	790
Shale	2	1	12	7	3	4
County Totals	27	48	1,968	1,519	458	1,061
Tioga						
Glacial Till	0	2	3	5	5	0
Sand and Gravel	30	36	1,980	1,530	765	765
Topsoil	2	1	81	30	14	16
County Totals	32	39	2,065	1,565	784	781
Tompkins						
Bluestone	2	0	20	17	0	17
Clay	0	1	4	4	4	0
Glacial Till	0	3	19	11	11	0
Limestone	1	0	126	126	103	23
Sand and Gravel	13	23	588	444	167	277
Topsoil	0	2	2	5	5	0
County Totals	16	29	759	607	290	317
Ulster						
Bluestone	2	0	9	9	0	9
Clay	2	4	53	46	41	5
Dolostone	1	0	397	11	0	11
Glacial Till	0	1	0	9	9	0
Limestone	2	1	364	334	26	308
Sand and Gravel	28	48	1,191	893	564	329
Sandstone	2	1	63	44	4	40
Shale	12	20	278	218	102	116
Topsoil	0	1	0	10	10	0
County Totals	49	76	2,355	1,574	756	818

Mine Commodities 2013

Mineral	Active Mines	Reclaimed Mines	Life Of Mine Acres	Affected Acres	Reclaimed Acres	Net Affected Acres
Warren						
Garnet	1	1	194	192	55	137
Granite	1	0	183	159	0	159
Limestone	1	0	21	21	0	21
Sand and Gravel	31	24	814	479	133	346
County Totals	34	25	1,212	850	188	662
Washington						
Clay	1	2	52	52	50	2
Dolostone	1	0	197	60	0	60
Glacial Till	0	1	0	1	1	0
Granite	8	0	607	120	0	120
Limestone	3	0	233	153	0	153
Sand and Gravel	36	53	1,364	951	457	494
Sandstone	1	1	134	31	1	30
Shale	2	1	18	10	6	4
Slate	0	1	25	5	5	0
Topsoil	0	3	75	60	60	0
County Totals	52	62	2,704	1,442	580	862
Wayne						
Clay	0	1	28	28	28	0
Dolostone	2	0	647	323	18	305
Glacial Till	0	5	25	25	25	0
Limestone	1	0	72	57	0	57
Sand and Gravel	37	64	2,514	1,411	774	637
Topsoil	0	1	1	1	1	0
County Totals	40	71	3,286	1,844	846	998
Westchester						
Emery	0	2	15	15	15	0
Glacial Till	0	1	8	8	8	0
Sand and Gravel	0	7	22	32	32	0
Shale	1	0	4	4	0	4
County Totals	1	10	49	59	55	4
Wyoming						
Clay	0	1	8	8	8	0
Sand and Gravel	27	27	967	501	269	232
Topsoil	0	1	15	15	15	0
County Totals	27	29	990	524	292	232
Yates						
Clay	1	1	35	23	19	4
Glacial Till	0	2	0	2	2	0
Salt	0	1	0	50	50	0
Sand and Gravel	11	9	336	280	147	138
County Totals	12	13	371	354	217	142
State Totals	1,984	2,819	139,306	91,818	34,822	57,001

Mines With Final Reclamation During 2013

1/2/2014

Town	Company	MineID	Mine Name	Commodity	Date	AcresAffected
Allegany						
Genesee	Genesee, Town of	90013	Genesee Gravel Pit	Sand and Gravel	6/14/2013	7.0
New Hudson	New Hudson, Town of	90629	Wakefield Gravel Pit	Sand and Gravel	6/19/2013	3.3
Broome						
Windsor	Liepinis, William	70974	Tisbe Quarry	Bluestone	11/13/2013	1.0
Cattaraugus						
Allegany	Allegany, Town of	90054	Old Lippert Pit	Sand and Gravel	11/12/2013	19.0
Franklinville	Franklinville, Town of	90271	Waites Pit	Sand and Gravel	7/8/2013	4.0
Cayuga						
Aurelius	Marcy Excavation Services LLC	70938	Cunningham Clay Mine	Clay	3/7/2013	4.5
Chautauqua						
Arkwright	Fairbanks, Douglas L	90573	Putnam Road Gravel Mine	Sand and Gravel	5/14/2013	10.0
Ellicott	Ray Burgun Trucking Co Inc	90879	Route 380 Site	Sand and Gravel	9/12/2013	8.0
Pomfret	Ron Morse Trucking & Excavating	90388	Farel Road Site	Sand and Gravel	8/21/2013	0.0
Sherman	Sherman, Town of	90987	Rater Pit	Sand and Gravel	9/12/2013	1.6
Chemung						
Ashland	Thomas, Roland	80537	Thomas Soil Excavation	Topsoil	8/8/2013	17.0
Chenango						
Smithville	Clark, Dane M	70865	Stone Quarry Road Mine	Bluestone	7/24/2013	3.4
Clinton						
Beekmantown	Marcy Excavation Services LLC	51040	Fessette Clay Pit	Clay	10/30/2013	3.4
Columbia						
Ghent	Gro Max LLC	40766	Ostrander Humus Mine	Peat	9/25/2013	23.0
Livingston	V R Saulpaugh And Sons	40274	Pleasant Vale Road Pit	Sand and Gravel	10/22/2013	12.0
Delaware						
Delhi	Moseman, Shannon	40857	Moseman BS Authorization	Bluestone	8/1/2013	1.0
Hancock	Johnston & Rhodes Bluestone Co	40752	Kerryville/Mason Quarry	Bluestone	12/9/2013	2.8
Middletown	Keenan, Daniel	40761	Vly Resources	Sand and Gravel	7/12/2013	5.0
Dutchess						
Fishkill	Jo-Mo Realty I Corp	30350	Carey Road Sand & Gravel Bank	Sand and Gravel	10/3/2013	7.5

New York State Oil, Gas and Mineral Resources, 2013
Mines With Final Reclamation During 2013

1/2/2014

Town	Company	MineID	Mine Name	Commodity	Date	AcresAffected
Franklin						
Bellmont	Carter, Gilberta	50954	Carter Pit West	Sand and Gravel	7/31/2013	2.8
Westville	Fleury, Theresa	50563	Fleury Sand Pit	Sand and Gravel	6/6/2013	18.0
Genesee						
Batavia	Dunham, Wayne	80778	Dunham Pond	Clay	5/21/2013	2.5
Herkimer						
Frankfort	Nicastro, Mark	60438	Nicastro Gravel Pit	Sand and Gravel	6/18/2013	5.0
Little Falls	Korce, Dennis	60561	Korce's Pit	Sand and Gravel	7/15/2013	4.5
Salisbury	Nichols, Roderick	60991	Nichols Sand & Gravel Pit	Sand and Gravel	7/15/2013	5.0
Jefferson						
Alexandria	DEC Properties Inc	60998	Alexandria Bay Pit	Sand and Gravel	8/1/2013	6.2
Clayton	Lyme, Town of	60032	Tiffys Pit	Sand and Gravel	4/5/2013	5.0
Rutland	Zahn's Sand And Gravel	60500	Rutland Hollow Road Site	Sand and Gravel	8/20/2013	8.0
Wilna	Tug Hill Construction Inc	61062	Farr Gravel Mine	Sand and Gravel	4/28/2013	9.8
Lewis						
Diana	Tug Hill Construction Inc	60821	Farr Site	Sand and Gravel	9/24/2013	5.7
Lewis	Lewis, Town of	60920	Fey Mine	Sand and Gravel	6/13/2013	10.0
Martinsburg	Lehman, Wendell	60802	Sand Pit	Sand and Gravel	8/1/2013	4.0
Martinsburg	Lehman, Wendell	60808	Gravel Pit	Sand and Gravel	8/1/2013	2.0
Livingston						
Groveland	Bickle, Leonard	80497	Bickle Pit	Sand and Gravel	5/13/2013	2.0
Madison						
Eaton	Madison County Hwy Dept	70513	Melvins Gravel Bed - Brown Road	Sand and Gravel	9/17/2013	19.0
Stockbridge	Otis Marshall Farms Inc	70614	Pratts Road	Sand and Gravel	9/17/2013	12.6
Niagara						
Wheatfield	Haseley Construction Company	90689	Witmer Road Site	Clay	1/24/2013	30.0
Oneida						
Paris	W H Stephan Sand & Gravel Inc	60484	Latus Road North Pit	Sand and Gravel	6/27/2013	14.7
Rome	JKR Holdings LLC	61059	Mapledale Materials	Sand and Gravel	7/15/2013	3.5

Mines With Final Reclamation During 2013

1/2/2014

Town	Company	MineID	Mine Name	Commodity	Date	AcresAffected
Orange						
Montgomery	Crist Brothers Orchards Inc	30499	Crist Bros. Mine	Sand and Gravel	8/19/2013	21.0
Orleans						
Barre	Domoy, Francis M	80318	Domoy Pit	Sand and Gravel	12/5/2013	7.0
Murray	Shampine, Mark	80502	Shampine Pit	Sand and Gravel	6/18/2013	2.0
Oswego						
Granby	J K Tobin Construction Co Inc	70564	South Granby Pit	Sand and Gravel	5/1/2013	17.0
Volney	Vickery Construction Inc	70852	Whitaker Road Topsoil Mine	Topsoil	6/26/2013	5.0
Otsego						
Maryland	Maryland, Town of	40748	County Rte 34 / Whiteman Pit	Sand and Gravel	9/24/2013	9.0
Rensselaer						
Pittstown	Bulson, Kenneth	40226	Bulson Mine	Sand and Gravel	8/20/2013	7.0
Poestenkill	R J Valente Gravel Inc	40057	Vanslyke Pit	Sand and Gravel	8/1/2013	14.3
Saratoga						
Malta	Perlman, Robert	50969	Perl Pit	Sand and Gravel	9/12/2013	2.0
Schuyler						
Catharine	Wickham, John & Jackie	80800	Maple Terrace Farm Gravel Mine	Sand and Gravel	6/18/2013	4.9
St. Lawrence						
Brasher	Brasher, Town of	61044	Burnell-Bush Road Pit	Sand and Gravel	7/22/2013	4.5
Pierrepont	Royce, Philip A	61115	Royce Topsoil Mine	Topsoil	9/13/2013	5.0
Steuben						
Bradford	Schuyler County	80571	Machuga Pit	Sand and Gravel	8/12/2013	8.0
Canisteo	Canisteo, Town of	80482	Campbell Pit	Sand and Gravel	10/28/2013	2.5
Wayland	Carl Myers Enterprises Inc	80785	Werth Pit	Sand and Gravel	7/2/2013	4.0
Suffolk						
Smithtown	Santilli Land Development LLC	10056	Santilli Land Development LLC	Sand and Gravel	5/7/2013	12.0
Sullivan						
Bethel	Nastro Contracting Corp	30551	Mongaup Game Preserve, Gale Rd. Min	Sand and Gravel	5/9/2013	1.5
Callicoon	Zieres, Kevin & Kathleen	30643	North Branch Sand and Gravel	Sand and Gravel	7/26/2013	16.0
Tusten	Tusten, Town of	30591	Town mine #1	Sand and Gravel	11/22/2013	4.0

New York State Oil, Gas and Mineral Resources, 2013
Mines With Final Reclamation During 2013

1/2/2014

Town	Company	MineID	Mine Name	Commodity	Date	AcresAffected
Ulster						
Marbletown	Sun Creek Excavating & Construction	30389		Sand and Gravel	8/21/2013	4.0
Rochester	Ulster County Lime Products	30132		Limestone	8/21/2013	3.0
Washington						
Easton	Tracy Materials Inc	50297	Windy Hill Bank	Sand and Gravel	6/26/2013	136.9
Fort Edward	WCC LLC	50912	Fort Edward Mine	Topsoil	10/10/2013	45.0
Wayne						
Galen	David Fisk Jr.	80688	M & J Gravel Pit	Sand and Gravel	6/19/2013	4.0
Yates						
Starkey	Perry, David	80205	Former Spence Pit	Sand and Gravel	7/23/2013	0.0