
MINED LAND

NOTE: THE MINED LAND USE INCLUDES AREAS SUCH AS BORROW PITS, GRAVEL PITS, PEAT EXCAVATION AREAS, QUARRIES, AND OTHERS SIMILAR OPERATIONS.

SOIL EROSION

Sheet and Rill

327	Conservation Cover
362	Diversion
382	Fence
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
555	Rock Barrier
561	Heavy Use Area Protection
572	Spoil Spreading
601	Vegetative Barrier

Wind

490	Tree/Shrub Site Preparation
601	Vegetative Barrier
612	Tree/Shrub Establishment
650	Windbreak/Shelterbelt Renovation
380	Windbreak and Shelterbelt Establishment

Ephemeral Gully

342	Critical Area Planting
362	Diversion
382	Fence
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
555	Rock Barrier
572	Spoil Spreading
601	Vegetative Barrier
620	Underground Outlet
638	Water and Sediment Control Basin

Classic Gully

342	Critical Area Planting
362	Diversion
382	Fence
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
555	Rock Barrier
572	Spoil Spreading
601	Vegetative Barrier
620	Underground Outlet
638	Water and Sediment Control Basin

Streambank

348	Dam, Diversion
382	Fence
462	Precision Land Forming
472	Access Control
555	Rock Barrier
572	Spoil Spreading
580	Streambank and Shoreline Protection
584	Stream Channel Stabilization
601	Vegetative Barrier

(Mined Land-Soil Erosion continued next page.)

MINED LAND

Shoreline

327	Conservation Cover
342	Critical Area Planting
348	Dam, Diversion
362	Diversion
380	Windbreak/Shelterbelt Establishment
382	Fence
395	Stream Habitat Improvement and Management
410	Grade Stabilization Structure
462	Precision Land Forming
472	Access Control
490	Tree/Shrub Preparation
555	Rock Barrier
560	Access Road
561	Heavy Use Area Protection
575	Animal Trails and Walkways
587	Structure for Water Control
601	Vegetative Barrier
603	Herbaceous Wind Barriers
612	Tree/Shrub Establishment
650	Windbreak/Shelterbelt Renovation

Road, Roadsides, and Construction Sites

342	Critical Area Planting
362	Diversion
382	Fence
412	Grassed Waterway
462	Precision Land Forming
472	Access Control
555	Rock Barrier
560	Access Road
561	Heavy Use Area Protection
572	Spoil Spreading
601	Vegetative Barrier

Irrigation Induced

Not an applicable natural resource concern on mined land in New York State

Mass Movement

342	Critical Area Planting
362	Diversion
382	Fence
412	Grassed Waterway
453	Land Reclamation, Landslide Treatment
468	Lined Waterway or Outlet
555	Rock Barrier
620	Underground Outlet
638	Water and Sediment Control Basin

MINED LAND

SOIL CONDITION

Organic Matter Depletion

Not an applicable natural resource concern on mined land in New York State

Compaction

560 Access Road
561 Heavy Use Area Protection
606 Subsurface Drain

Subsidence

Not an applicable natural resource concern on headquarters in New York State

Contaminants – Salts and Other Chemicals

390 Riparian Herbaceous Cover
391 Riparian Forest Buffer
393 Filter Strip
554 Drainage Water Management
590 Nutrient Management
592 Feed Management
633 Waste Utilization
635 Vegetated Treatment Area

Contaminants – Animal Waste and Other Organics - N

Not an applicable natural resource concern on mined land in New York State

Contaminants – Animal Waste and Other Organics - P

Not an applicable natural resource concern on mined land in New York State

Contaminants – Animal Waste and Other Organics - K

Not an applicable natural resource concern on mined land in New York State

Contaminants – Commercial Fertilizer - N

390 Riparian Herbaceous Cover
391 Riparian Forest Buffer
393 Filter Strip
490 Tree/Shrub Site Preparation
590 Nutrient Management
612 Tree/Shrub Establishment
633 Waste Utilization
635 Vegetated Treatment Area
783 Pathogen Management

Contaminants – Commercial Fertilizer - P

390 Riparian Herbaceous Cover
391 Riparian Forest Buffer
393 Filter Strip
490 Tree/Shrub Site Preparation
590 Nutrient Management
612 Tree/Shrub Establishment
633 Waste Utilization
635 Vegetated Treatment Area
783 Pathogen Management

Contaminants – Commercial Fertilizer - K

390 Riparian Herbaceous Cover
391 Riparian Forest Buffer
393 Filter Strip
490 Tree/Shrub Site Preparation
590 Nutrient Management
612 Tree/Shrub Establishment
633 Waste Utilization
635 Vegetated Treatment Area

(Mined Land-Soil Condition continued next page)

MINED LAND

Contaminants – Residual Pesticides

309	Agrichemical Mixing Facility
390	Riparian Herbaceous Cover
391	Riparian Forest Buffer
393	Filter Strip
490	Tree/Shrub Site Preparation
590	Nutrient Management
595	Pest Management
612	Tree/Shrub Establishment
633	Waste Utilization
635	Vegetated Treatment Area

Damage from Sediment Deposition

362	Diversion
391	Riparian Forest Buffer
393	Filter Strip
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
490	Tree/Shrub Site Preparation
555	Rock Barrier
572	Spoil Spreading
612	Tree/Shrub Establishment
620	Underground Outlet
630	Vertical Drain
638	Water and Sediment Control Basin
640	Waterspreading

MINED LAND

WATER QUANTITY

Excessive Seepage

362	Diversion
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
554	Drainage Water Management
606	Subsurface Drain
620	Underground Outlet

Excessive Runoff, Flooding, or Ponding

362	Diversion
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
554	Drainage Water Management
555	Rock Barrier
570	Runoff Management System
572	Spoil Spreading
606	Subsurface Drain
620	Underground Outlet
640	Waterspreading

Excessive Subsurface Water

362	Diversion
462	Precision Land Forming
554	Drainage Water Management
555	Rock Barrier
572	Spoil Spreading
606	Subsurface Drain
620	Underground Outlet
640	Waterspreading

Drifted Snow

422	Hedgerow Planting
612	Tree/Shrub Establishment
490	Tree/Shrub Site Preparation
380	Windbreak/Shelterbelt Establishment
650	Windbreak/Shelterbelt Renovation

Inadequate Outlets

348	Dam, Diversion
382	Open Channel
554	Drainage Water Management
555	Rock Barrier
620	Underground Outlet
630	Vertical Drain
640	Waterspreading

Inefficient Water Use on Irrigated Land

Not an applicable natural resource concern on mined land in New York State

Inefficient Water Use on Non-Irrigated Land

Not an applicable natural resource concern on mined land in New York State

Reduced Capacity of Conveyances by Sediment Deposition

348	Dam, Diversion
362	Diversion
391	Riparian Forest Buffer
393	Filter Strip
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
490	Tree/Shrub Site Preparation
554	Drainage Water Management
555	Rock Barrier
561	Heavy Use Area Protection
572	Spoil Spreading
601	Vegetative Barrier
612	Tree/Shrub Establishment
620	Underground Outlet

(Mined Land-Water Quantity continued next page)

MINED LAND

Reduced Storage of Water Bodies by Sediment Accumulation

348	Dam, Diversion
362	Diversion
391	Riparian Forest Buffer
393	Filter Strip
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
490	Tree/Shrub Site Preparation
554	Drainage Water Management
555	Rock Barrier
561	Heavy Use Area Protection
572	Spoil Spreading
601	Vegetative Barrier
612	Tree/Shrub Establishment
620	Underground Outlet

MINED LAND

WATER QUALITY – GROUNDWATER

Harmful Levels of Pesticides

- 351 Well Decommissioning
 - 353 Monitoring Well
 - 391 Riparian Forest Buffer
 - 393 Filter Strip
 - 490 Tree/Shrub Site Preparation
 - 595 Pest Management
 - 612 Tree/Shrub Establishment
-

Excessive Nutrients and Organics

- 351 Well Decommissioning
 - 353 Monitoring Well
 - 391 Riparian Forest Buffer
 - 393 Filter Strip
 - 490 Tree/Shrub Site Preparation
 - 612 Tree/Shrub Establishment
-

Excessive Salinity

- 351 Well Decommissioning
 - 353 Monitoring Well
-

Harmful Levels of Heavy Metals

- 351 Well Decommissioning
 - 391 Riparian Forest Buffer
 - 393 Filter Strip
 - 457 Mine Shaft and Adit Closing
 - 490 Tree/Shrub Site Preparation
 - 612 Tree/Shrub Establishment
-

Harmful Levels of Pathogens

- 457 Mine Shaft and Adit Closing
 - 351 Well Decommissioning
 - 353 Monitoring Well
-

Harmful Levels of Petroleum

This resource concern is not addressed by NRCS in New York State.

MINED LAND

WATER QUALITY – SURFACE WATER

Harmful Levels of Pesticides

393	Filter Strip
595	Pest Management
391	Riparian Forest Buffer
490	Tree/Shrub Site Preparation
601	Vegetative Barrier
612	Tree/Shrub Establishment

Excessive Nutrients and Organics

390	Riparian Herbaceous Cover
393	Filter Strip
391	Riparian Forest Buffer
462	Precision Land Forming
490	Tree/Shrub Site Preparation
555	Rock Barrier
601	Vegetative Barrier
612	Tree/Shrub Establishment

Excessive Suspended Sediment and Turbidity

348	Dam, Diversion
362	Diversion
390	Riparian Herbaceous Cover
391	Riparian Forest Buffer
391	Riparian Forest Buffer
393	Filter Strip
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
490	Tree/Shrub Site Preparation
555	Rock Barrier
561	Heavy Use Area Protection
572	Spoil Spreading
601	Vegetative Barrier
612	Tree/Shrub Establishment
620	Underground Outlet

Excessive Salinity

390	Riparian Herbaceous Buffer
391	Riparian Forest Buffer
393	Filter Strip
462	Precision Land Forming
555	Rock Barrier
572	Spoil Spreading
601	Vegetative Barrier
635	Vegetated Treatment Area

Harmful Levels of Heavy Metals

391	Riparian Forest Buffer
393	Filter Strip
555	Rock Barrier
572	Spoil Spreading

Excessive Salinity

390	Riparian Herbaceous Buffer
391	Riparian Forest Buffer
393	Filter Strip
462	Precision Land Forming
555	Rock Barrier
572	Spoil Spreading
601	Vegetative Barrier
635	Vegetated Treatment Area
490	Tree/Shrub Site Preparation
561	Heavy Use Area Protection
612	Tree/Shrub Establishment

Harmful Levels of Heavy Metals

351	Well Decommissioning
393	Filter Strip
561	Heavy Use Area Protection
391	Riparian Forest Buffer
462	Precision Land Forming
490	Tree/Shrub Site Preparation
555	Rock Barrier
572	Spoil Spreading
601	Vegetative Barrier
612	Tree/Shrub Establishment
635	Vegetated Treatment Area

Harmful Levels of Pathogens

Not an applicable natural resource concern on mined land in New York State

Harmful Levels of Petroleum

This resource concern is not addressed by NRCS in New York State.

MINED LAND

AIR (QUALITY)

Particulate Matter Less than 10 Microns in Diameter (PM 10)

- 327 Conservation Cover
- 342 Critical Area Planting
- 370 Atmospheric Resources Quality Management
- 380 Windbreak\Shelterbelt Establishment
- 490 Tree/Shrub Site Preparation
- 612 Tree/Shrub Establishment
- 650 Windbreak\Shelterbelt Renovation

Particulate Matter Less than 2.5 Microns in Diameter (PM 2.5)

- 327 Conservation Cover
- 342 Critical Area Planting
- 370 Atmospheric Resources Quality Management
- 380 Windbreak\Shelterbelt Establishment
- 490 Tree/Shrub Site Preparation
- 612 Tree/Shrub Establishment
- 650 Windbreak\Shelterbelt Renovation

Excessive Ozone

- 327 Conservation Cover
- 370 Atmospheric Resources Quality Management
- 380 Windbreak\Shelterbelt Establishment
- 490 Tree/Shrub Site Preparation
- 612 Tree/Shrub Establishment
- 650 Windbreak\Shelterbelt Renovation

Excessive Greenhouse Gas NH₃ (ammonia)

- 327 Conservation Cover
- 370 Atmospheric Resources Quality Management
- 380 Windbreak\Shelterbelt Establishment
- 490 Tree/Shrub Site Preparation
- 612 Tree/Shrub Establishment
- 650 Windbreak\Shelterbelt Renovation

Excessive Greenhouse Gas N₂O (nitrous oxide)

- 327 Conservation Cover
- 370 Atmospheric Resources Quality Management
- 380 Windbreak\Shelterbelt Establishment
- 490 Tree/Shrub Site Preparation
- 612 Tree/Shrub Establishment
- 650 Windbreak\Shelterbelt Renovation

Reduced Visibility

- 327 Conservation Cover
- 370 Atmospheric Resources Quality Management
- 380 Windbreak\Shelterbelt Establishment
- 490 Tree/Shrub Site Preparation
- 612 Tree/Shrub Establishment
- 650 Windbreak\Shelterbelt Renovation

Excessive Greenhouse Gas NH₃ (ammonia)

- 327 Conservation Cover
- 370 Atmospheric Resources Quality Management
- 380 Windbreak\Shelterbelt Establishment
- 490 Tree/Shrub Site Preparation
- 612 Tree/Shrub Establishment
- 650 Windbreak\Shelterbelt Renovation

Chemical Drift

- 370 Atmospheric Resources Quality Management
- 380 Windbreak\Shelterbelt Establishment
- 422 Hedgerow Planting
- 490 Tree/Shrub Site Preparation
- 595 Pest Management
- 601 Vegetative Barrier
- 603 Herbaceous Wind Barriers
- 612 Tree/Shrub Establishment
- 650 Windbreak\Shelterbelt Renovation

(Mined Land-Air Quality continued next page.)

MINED LAND

Objectionable Odors

- 370 Atmospheric Resources Quality Management
 - 327 Conservation Cover
 - 380 Windbreak\Shelterbelt Establishment
 - 490 Tree/Shrub Site Preparation
 - 612 Tree/Shrub Establishment
 - 650 Windbreak\Shelterbelt Renovation
-

Reduced Visibility

- 370 Atmospheric Resources Quality Management
 - 327 Conservation Cover
 - 342 Critical Area Planting
 - 380 Windbreak\Shelterbelt Establishment
 - 490 Tree/Shrub Site Preparation
 - 601 Vegetative Barrier
 - 612 Tree/Shrub Establishment
 - 650 Windbreak\Shelterbelt Renovation
-

MINED LAND

PLANTS - CONDITION

Not Adapted or Suited

- 314 Brush Management
 - 338 Prescribed Burning
 - 460 Land Clearing
 - 595 Pest Management
-

Productivity, Health and Vigor

Not an applicable natural resource concern on mined land in New York State

Noxious and Invasive Plants

- 314 Brush Management
 - 338 Prescribed Burning
 - 460 Land Clearing
 - 595 Pest Management
-

Forage Quality and Palatability

Not an applicable natural resource concern on mined land in New York State

Threatened or Endangered Plant Species: Plant Species Listed or Proposed for Listing under the Endangered Species Act

- 382 Fence
 - 472 Access Control
-

Threatened or Endangered Plant Species: Declining Species and Species of Concern

- 382 Fence
 - 472 Access Control
-

Wildfire Hazard

- 394 Firebreak
-

MINED LAND

ANIMAL – FISH AND WILDLIFE

Inadequate Food

- 386 Field Border
 - 327 Conservation Cover
 - 490 Tree/Shrub Site Preparation
 - 612 Tree/Shrub Establishment
 - 645 Upland Wildlife Habitat Management
 - 472 Access Control
 - 380 Windbreak\Shelterbelt Establishment
 - 650 Windbreak\Shelterbelt Renovation
-

Inadequate Cover/Shelter

- 382 Fence
 - 327 Conservation Cover
 - 490 Tree/Shrub Site Preparation
 - 612 Tree/Shrub Establishment
 - 645 Upland Wildlife Habitat Management
 - 472 Access Control
 - 380 Windbreak\Shelterbelt Establishment
 - 650 Windbreak\Shelterbelt Renovation
-

Inadequate Water

Not an applicable natural resource concern on mined land in New York State

Inadequate Space

Not an applicable natural resource concern on mined land in New York State

Habitat Fragmentation

- 382 Fence
 - 612 Tree/Shrub Establishment
 - 490 Tree/Shrub Site Preparation
 - 645 Upland Wildlife Habitat Management
 - 472 Access Control
 - 380 Windbreak/Shelterbelt Establishment
 - 650 Windbreak/Shelterbelt Renovation
-

Imbalance Among and Within Populations

- 382 Fence
 - 645 Upland Wildlife Habitat Management
 - 472 Access Control
-

Threatened and Endangered Species: Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act

- 382 Fence
 - 645 Upland Wildlife Habitat Management
 - 472 Access Control
-

Threatened and Endangered Species: Declining Species, Species of Concern

- 382 Fence
 - 645 Upland Wildlife Habitat Management
 - 472 Access Control
-

MINED LAND

ANIMALS – DOMESTIC

Inadequate Quantities of Feed and Forage

Not an applicable natural resource concern on mined land in New York State

Inadequate Shelter

Not an applicable natural resource concern on mined land in New York State

Inadequate Stock Water

Not an applicable natural resource concern on mined land in New York State

Stress and Mortality

Not an applicable natural resource concern on mined land in New York State
