
HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

NOTE: THIS LAND USE INCLUDES BARNYARDS, EXERCISE LOTS, MACHINERY STORAGE AND REPAIR AREAS, FEED STORAGE AND MIXING AREAS, CALF REARING AREAS, AND OTHERS DEPENDING ON THE BUSINESS.

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
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
601	Vegetative Barrier
620	Underground Outlet
638	Water and Sediment Control Basin

Streambank

382	Fence
462	Precision Land Forming
472	Access Control
555	Rock Barrier
580	Streambank and Shoreline Protection
584	Stream Channel Stabilization
601	Vegetative Barrier

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

Irrigation Induced

Not an applicable natural resource concern
headquarters in New York State

(Intensively Used Land-Soil Erosion continued next page)

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

Mass Movement

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

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

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

SOIL CONDITION

Organic Matter Depletion

Not an applicable natural resource concern on headquarters 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

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

391 Riparian Forest Buffer
393 Filter Strip
590 Nutrient Management
592 Feed Management
633 Waste Utilization
635 Vegetated Treatment Area

Contaminants – Animal Waste and Other Organics - P

391 Riparian Forest Buffer
393 Filter Strip
590 Nutrient Management
592 Feed Management
633 Waste Utilization
635 Vegetated Treatment Area

Contaminants – Animal Waste and Other Organics - K

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 - N

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

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

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

(Headquarters-Soil Condition continued next page)

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

Contaminants – Residual Pesticides

309	Agrichemical Mixing Facility
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

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

WATER QUANTITY

Excessive Seepage

362	Diversion
412	Grassed Waterway
462	Precision Land Forming
468	Lined Waterway or Outlet
521A	Pond Sealing or Lining, Flexible Membrane
521B	Pond Sealing or Lining, Soil Dispersant
521C	Pond Sealing or Lining, Bentonite Sealant
521D	Pond Sealing or Lining, Compacted Clay Treatment
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
558	Roof Runoff Management
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

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

Inadequate Outlets

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 headquarters in New York State

Inefficient Water Use on Non-Irrigated Land

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

Reduced Capacity of Conveyances by Sediment Deposition

348	Dam, Diversion
572	Spoil Spreading
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
640	Waterspreading

(Headquarters-Water Quantity continued next page)

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

**Reduced Storage of Water Bodies by
Sediment Accumulation**

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
640	Waterspreading

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

WATER QUALITY – GROUNDWATER

Harmful Levels of Pesticides

309	Agrichemical Mixing Facility
353	Monitoring Well
355	Well Water Testing
391	Riparian Forest Buffer
393	Filter Strip
490	Tree/Shrub Site Preparation
595	Pest Management
612	Tree/Shrub Establishment
635	Vegetated Treatment Area

Excessive Nutrients and Organics

313	Waste Storage Facility
353	Monitoring Well
382	Fence
391	Riparian Forest Buffer
393	Filter Strip
472	Access Control
490	Tree/Shrub Site Preparation
590	Nutrient Management
592	Feed Management
612	Tree/Shrub Establishment
633	Waste Utilization
635	Vegetated Treatment Area

Excessive Salinity

353	Monitoring Well
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Harmful Levels of Heavy Metals

313	Waste Storage Facility
351	Well Decommissioning
353	Monitoring Well
382	Fence
391	Riparian Forest Buffer
393	Filter Strip
457	Mine Shaft and Adit Closing
472	Access Control
490	Tree/Shrub Site Preparation
612	Tree/Shrub Establishment
633	Waste Utilization
635	Vegetated Treatment Area

Harmful Levels of Pathogens

313	Waste Storage Facility
316	Animal Mortality Facility
351	Well Decommissioning
353	Monitoring Well
382	Fence
391	Riparian Forest Buffer
393	Filter Strip
457	Mine Shaft and Adit Closing
472	Access Control
490	Tree/Shrub Site Preparation
590	Nutrient Management
612	Tree/Shrub Establishment
633	Waste Utilization
635	Vegetated Treatment Area
783	Pathogen Management

Harmful Levels of Petroleum

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

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

WATER QUALITY – SURFACE WATER

Harmful Levels of Pesticides

309	Agrichemical Mixing Facility
313	Waste Storage Facility
382	Fence
391	Riparian Forest Buffer
391	Riparian Forest Buffer
393	Filter Strip
472	Access Control
490	Tree/Shrub Site Preparation
590	Nutrient Management
592	Feed Management
595	Pest Management
601	Vegetative Barrier
612	Tree/Shrub Establishment
633	Waste Utilization
635	Vegetated Treatment Area

Excessive Nutrients and Organics

313	Waste Storage Facility
382	Fence
390	Riparian Herbaceous Cover
391	Riparian Forest Buffer
391	Riparian Forest Buffer
393	Filter Strip
462	Precision Land Forming
472	Access Control
490	Tree/Shrub Site Preparation
555	Rock Barrier
590	Nutrient Management
592	Feed Management
601	Vegetative Barrier
612	Tree/Shrub Establishment
633	Waste Utilization
635	Vegetated Treatment Area

Excessive Suspended Sediment and Turbidity

362	Diversion
390	Riparian Herbaceous Cover
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

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

(Headquarters-Surface Water Quality continued next page)

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

Harmful Levels of Pathogens

- 312 Waste Management System
 - 313 Waste Storage Facility
 - 316 Animal Mortality Facility
 - 391 Riparian Forest Buffer
 - 393 Filter Strip
 - 472 Access Control
 - 490 Tree/Shrub Site Preparation
 - 555 Rock Barrier
 - 601 Vegetative Barrier
 - 612 Tree/Shrub Establishment
 - 633 Waste Utilization
 - 635 Vegetated Treatment Area
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Harmful Levels of Petroleum

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

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

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 Gases
CO₂ (carbon dioxide)**

316	Animal Mortality Facility
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

**Excessive Greenhouse Gas
CH₄ (methane)**

316	Animal Mortality Facility
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
442	Irrigation System - Sprinkler
449	Irrigation Water Management
595	Pest Management
601	Vegetative Barrier
603	Herbaceous Wind Barriers
650	Windbreak\Shelterbelt Renovation

(Headquarters-Air Quality continued next page)

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

Objectionable Odors

- 316 Animal Mortality Facility
 - 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
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Reduced Visibility

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

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

PLANTS - CONDITION

Not Adapted or Suited

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

Productivity, Health and Vigor

Not an applicable natural resource concern on headquarters 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 headquarters 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
-

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

ANIMAL – FISH AND WILDLIFE

Inadequate Food

327	Conservation Cover
380	Windbreak\Shelterbelt Establishment
386	Field Border
390	Riparian Herbaceous Cover
391	Riparian Forest Buffer
472	Access Control
490	Tree/Shrub Site Preparation
612	Tree/Shrub Establishment
644	Wetland Wildlife Habitat Management
645	Upland Wildlife Habitat Management
650	Windbreak\Shelterbelt Renovation
660	Tree/Shrub Pruning
666	Forest Stand Improvement

Inadequate Cover/Shelter

327	Conservation Cover
380	Windbreak\Shelterbelt Establishment
382	Fence
390	Riparian Herbaceous Cover
391	Riparian Forest Buffer
395	Stream Habitat Improvement and Management
472	Access Control
490	Tree/Shrub Site Preparation
612	Tree/Shrub Establishment
644	Wetland Wildlife Habitat Management
645	Upland Wildlife Habitat Management
650	Windbreak\Shelterbelt Renovation
666	Forest Stand Improvement

Inadequate Water

378	Pond, Embankment
378	Pond, Excavated
516	Pipeline
521A	Pond Sealing or Lining, Flexible Membrane
521B	Pond Sealing or Lining, Soil Dispersant
521C	Pond Sealing or Lining, Bentonite Sealant
521D	Pond Sealing or Lining, Compacted Clay Treatment
574	Spring Development
638	Watering Facility
644	Wetland Wildlife Habitat Management

Inadequate Space

327	Conservation Cover
378	Pond, Embankment
378	Pond, Excavated
390	Riparian Herbaceous Cover
391	Riparian Forest Buffer
395	Stream Habitat Improvement and Management
490	Tree/Shrub Site Preparation
521A	Pond Sealing or Lining, Flexible Membrane
521B	Pond Sealing or Lining, Soil Dispersant
521C	Pond Sealing or Lining, Bentonite Sealant
521D	Pond Sealing or Lining, Compacted Clay Treatment
612	Tree/Shrub Establishment
644	Wetland Wildlife Habitat Management
645	Upland Wildlife Habitat Management
666	Forest Stand Improvement

(Headquarters-Animals-Fish and Wildlife continued next page)

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

Habitat Fragmentation

327	Conservation Cover
380	Windbreak/Shelterbelt Establishment
382	Fence
395	Stream Habitat Improvement and Management
472	Access Control
490	Tree/Shrub Site Preparation
612	Tree/Shrub Establishment
644	Wetland Wildlife Habitat Management
645	Upland Wildlife Habitat Management
650	Windbreak/Shelterbelt Renovation
666	Forest Stand Improvement

Threatened and Endangered Species: Declining Species, Species of Concern

327	Conservation Cover
395	Stream Habitat Improvement and Management
472	Access Control
490	Tree/Shrub Site Preparation
612	Tree/Shrub Establishment
644	Wetland Wildlife Habitat Management
645	Upland Wildlife Habitat Management
650	Windbreak/Shelterbelt Renovation
666	Forest Stand Improvement

Imbalance Among and Within Populations

327	Conservation Cover
380	Windbreak/Shelterbelt Establishment
395	Stream Habitat Improvement and Management
472	Access Control
490	Tree/Shrub Site Preparation
612	Tree/Shrub Establishment
644	Wetland Wildlife Habitat Management
645	Upland Wildlife Habitat Management
650	Windbreak/Shelterbelt Renovation
666	Forest Stand Improvement

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

327	Conservation Cover
395	Stream Habitat Improvement and Management
472	Access Control
490	Tree/Shrub Site Preparation
612	Tree/Shrub Establishment
644	Wetland Wildlife Habitat Management
645	Upland Wildlife Habitat Management
650	Windbreak/Shelterbelt Renovation
666	Forest Stand Improvement

HEADQUARTERS (INCLUDING BARNYARDS AND PRODUCTION AREAS)

ANIMALS - DOMESTIC

Inadequate Quantities of Feed and Forage

592 Feed Management

Inadequate Shelter

560 Access Road
575 Animal Trails and Walkways
382 Fence
561 Heavy Use Area Protection
570 Runoff Management System
612 Tree/Shrub Establishment
490 Tree/Shrub Site Preparation
472 Access Control
380 Windbreak\Shelterbelt Establishment
650 Windbreak\Shelterbelt Renovation

Inadequate Stock Water

575 Animal Trails and Walkways
382 Fence
561 Heavy Use Area Protection
516 Pipeline
378 Pond
574 Spring Development
578 Stream Crossing
472 Access Control
642 Water Well
614 Watering Facility
351 Well Decommissioning

Stress and Mortality

316 Animal Mortality Facility
575 Animal Trails and Walkways
592 Feed Management
382 Fence
561 Heavy Use Area Protection
472 Access Control
574 Spring Development
612 Tree/Shrub Establishment
490 Tree/Shrub Site Preparation
380 Windbreak\Shelterbelt Establishment
650 Windbreak\Shelterbelt Renovation
