

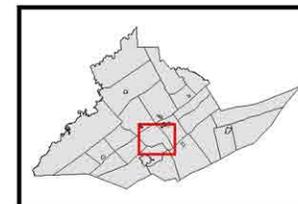
Appendix E2

ClearWater Conservancy Analysis Maps



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Spring Creek Valley Biological Diversity Area



-  Proposed Divestment
-  Spring Creek Valley BDA
-  Other Biological Diversity Areas
-  Central Mountains IMA*
-  Bald Eagle Ridge IBA**

IMA* - Important Mammal Areas
IBA** - Important Bird Areas



0 0.5 1 Miles
1:45,000

Map Created by
ClearWater Conservancy
February 2009

Data Sources:
Western PA Conservancy, PA Audubon,
PA Mammal Technical Committee,
PSU Cooperative Wetlands Center

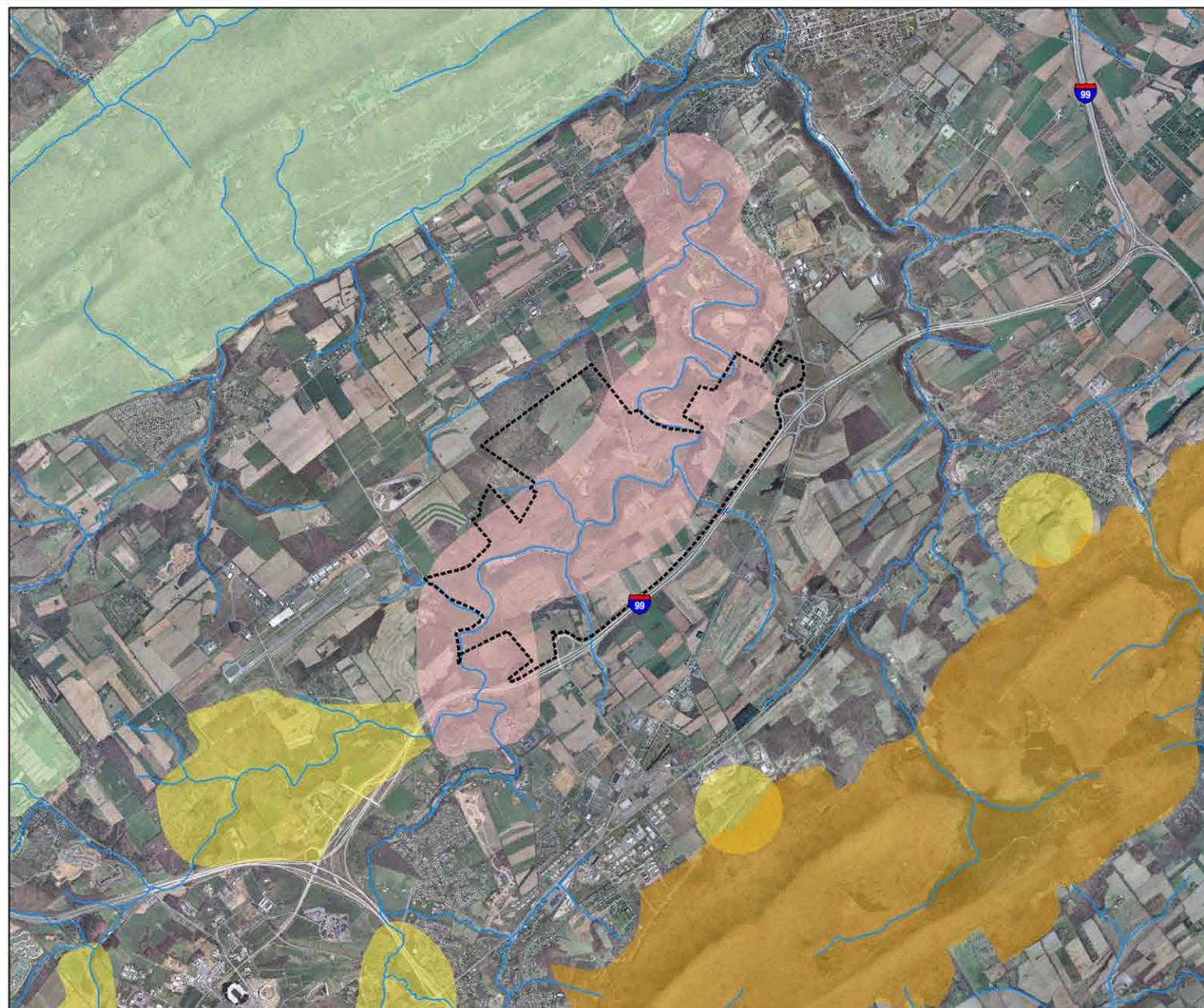
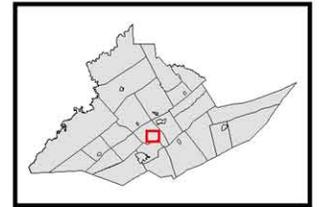
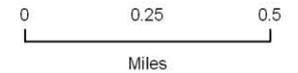


Figure 2. Spring Creek Valley Biological Diversity Area (BDA).

**SCI Rockview
Proposed Divestment:
Bedrock Geology**



-  PA Fish & Boat Commission
 -  Penn State University
 -  SCI Rockview
- Geology Formations**
-  Loysburg (Ol)
 -  Bellefonte (Ob)
 -  Axemann (Oa)
 -  Nittany (On)
 -  Stonehedge (Os)
 -  Gatesburg Mines Member (Cgm)
 -  Gatesburg Upper Sandy Mem. (Cgus)



1:16,000

Map Created by
ClearWater Conservancy
January 2009

Data Sources:
Centre County Planning Office,
Dr. Richard Parizek

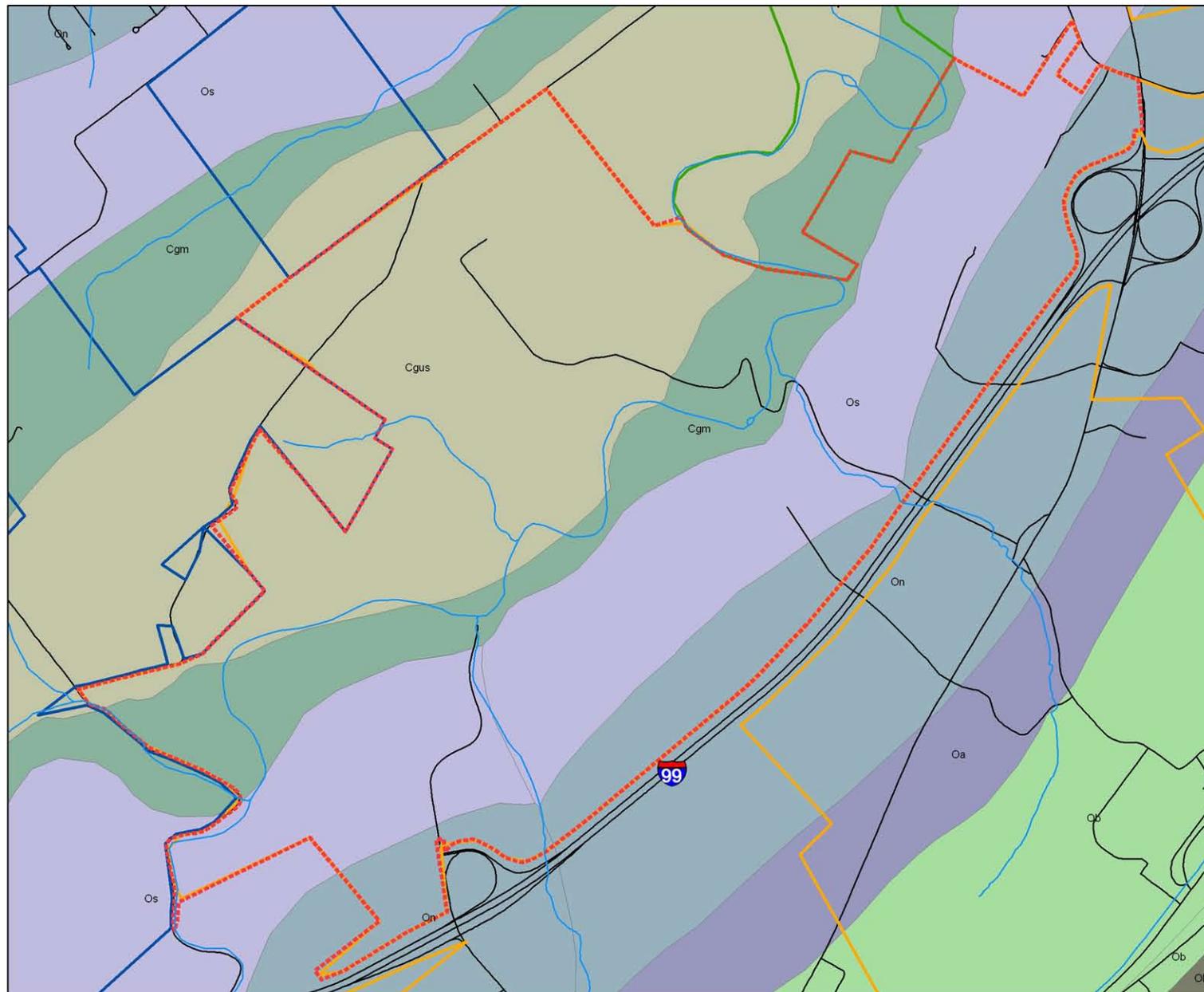
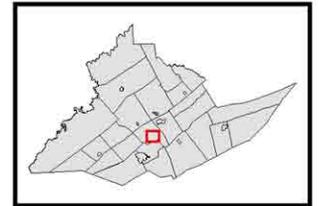


Figure 3. Geology formations of the Rockview Divestment Lands.

SCI Rockview Proposed Divestment: Water Resources



-  Streams
-  Floodplain - 100 year
-  Minimum Riparian Corridor



0 0.25 0.5
Miles

1:16,000

Map Created by
ClearWater Conservancy
January 2009

Data Sources:
DCNR, USGS

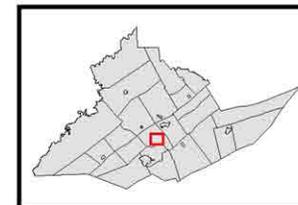


Figure 4. Water resources of the Rockview Divestment Lands.

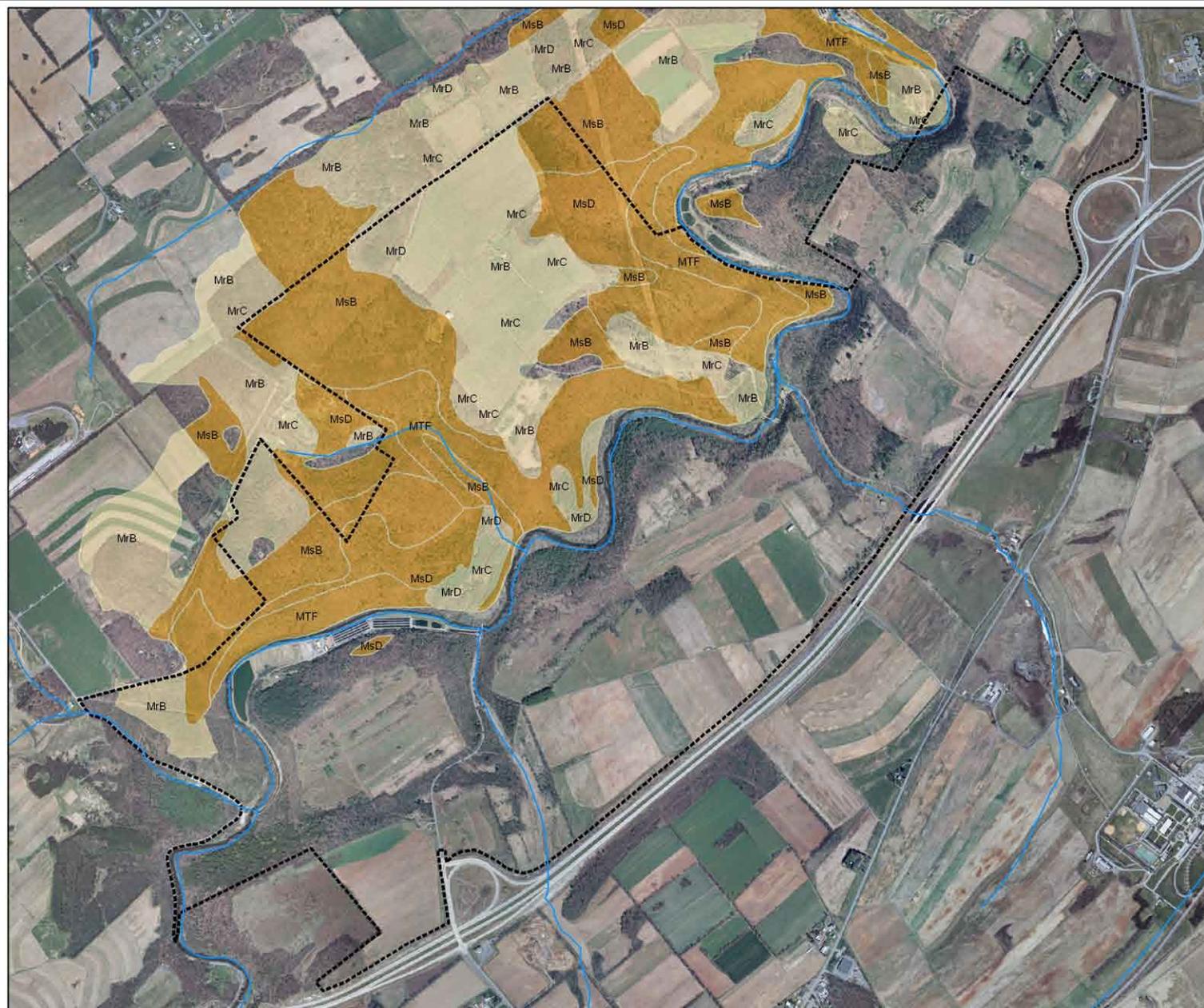


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SCI Rockview Proposed Divestment: Morrison Soils



-  Streams
-  Proposed Divestment
- Morrison Soils**
 -  Sandy Mapping Units
 -  Stoney Mapping Units



0 0.25 0.5

Miles

1:16,000

Map Created by
ClearWater Conservancy
January 2009

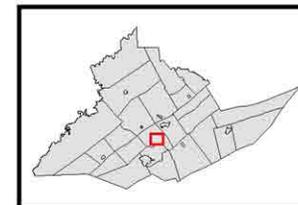
Data Sources:
Centre County Planning Office,
USDA/NRCS

Figure 5. Morrison Soils of the Rockview Divestment Lands.



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SCI Rockview
Proposed Divestment:
Shallow Limestone Soils



-  Proposed Divestment
-  Streams
-  Opequon-Hagerstown
-  Opequon-Rock Outcrop



Miles
1:16,000

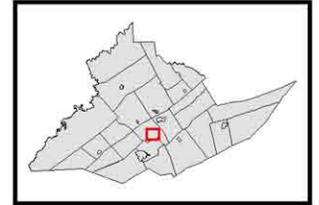
Map Created by
ClearWater Conservancy
January 2009

Data Sources:
Centre County Planning Office,
USDA/NRCS, PADCNR



Figure 6. Shallow Limestone Soils of the Rockview Divestment Lands.

**SCI Rockview
Proposed Divestment:
Alluvial & Hydric Soils**



 Proposed Divestment

 Streams

Soils

 Alluvial Soils

 Hydric Soils

 Hydric & Alluvial Soils

 Hydric & Erodable Soils

 Minimum Riparian Buffer

 Minimum Wetland Buffer



0 0.25 0.5

Miles

1:16,000

Map Created by
ClearWater Conservancy
January 2009

Data Sources:
Centre County Planning Office,
USDA/NRCS & DEP

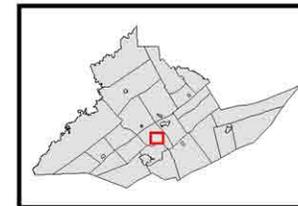


Figure 8. Alluvial and Hydric Soils of the Rockview Divestment Lands.



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SCI Rockview Proposed Divestment: Erodible Soils



-  Proposed Divestment
-  8-15% Slopes: Erodible (BrC; HaC; HcC; HuC; MrC; MuC; OhC)
-  15-25% Slopes: Highly Erodible (HcD; HuD; MrD; MsD; OhD; OxD)
-  >35%: Steep Slopes (HTF; MTF; ORF)
-  Water



0 0.25 0.5
Miles

1:16,000

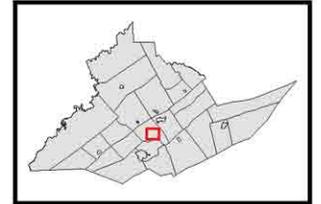
Map Created by
ClearWater Conservancy
February 2009

Data Sources:
Centre County Planning Office,
USDA/NRCS, PA DCNR



Figure 9. Erodible Soils of the Rockview Divestment Lands.

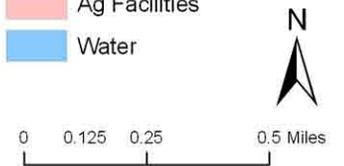
SCI Rockview
Proposed Divestment:
Land Use



- Proposed Divestment
- EPD Boundary 20090204

Land Use

- Agriculture
- Commercial
- Fish Hatchery
- Forest
- Old Field
- Roads
- Ag Facilities
- Water



1:16,000

Map Created by
ClearWater Conservancy
January 2009

Data Sources:
PA DGS & PA DCNR
PSU Cooperative Wetlands Center

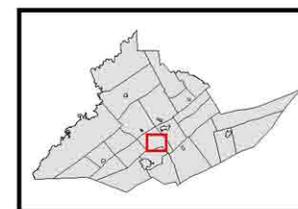


Figure 10. Land use of the Rockview Divestment Lands (Final boundary data not available at time of printing).



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SCI Rockview Proposed Divestment: Connectivity and Adjacent Public Lands



-  Proposed Divestment
-  PA Fish & Boat Comm.
-  Penn State University
-  SCI Rockview
-  Ag Security Area
-  Purchased Ag Easement



0 0.25 0.5 Miles



1:24,000

Map Created by
ClearWater Conservancy
January 2009

Data Sources:
PA DGS, PA DCNR,
Centre County Planning Office,
PSU Cooperative Wetlands Center

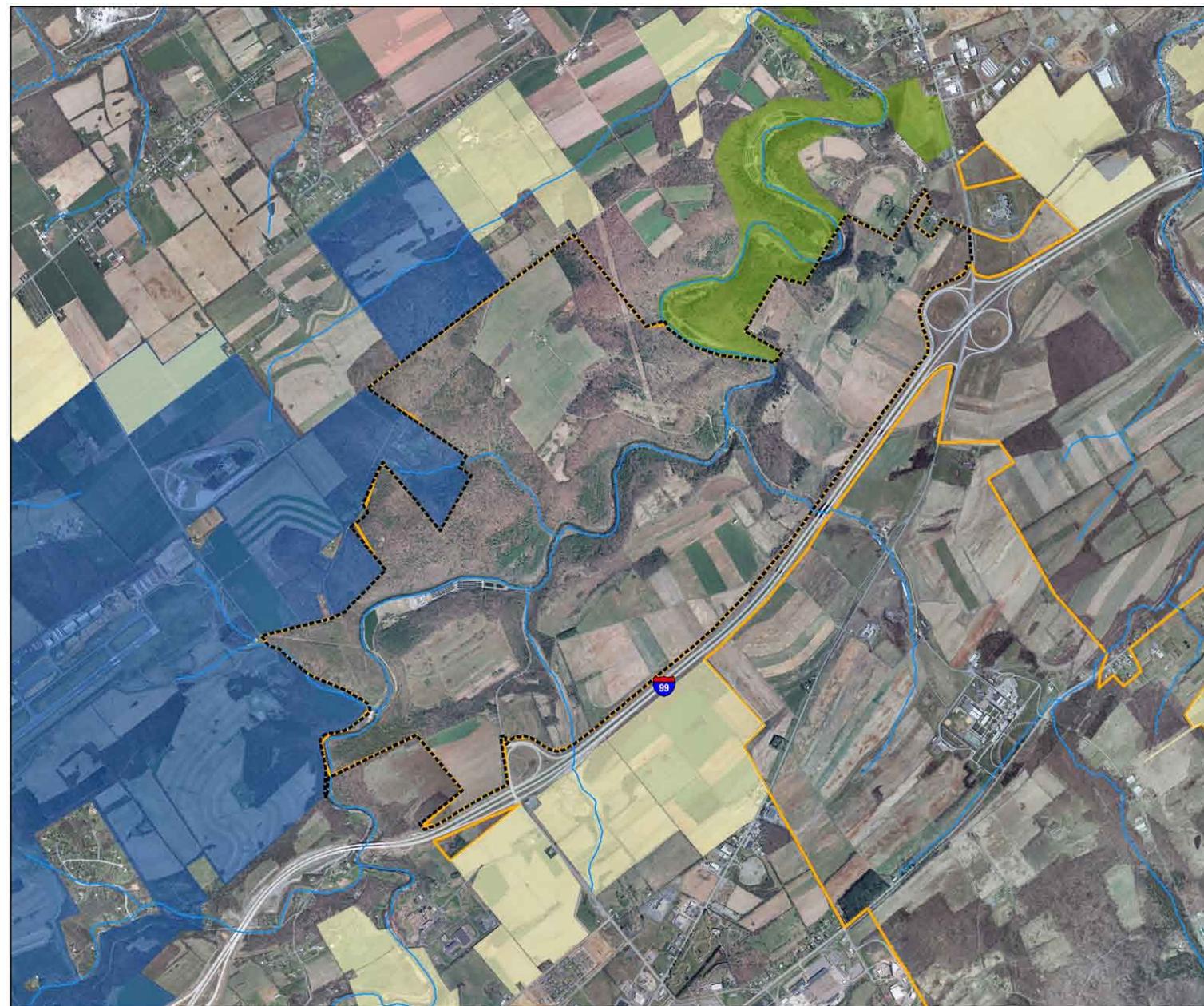
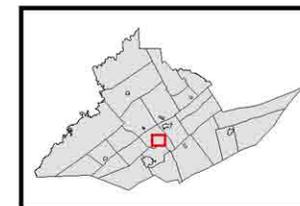


Figure 11. Connectivity and Adjacent Public Landowners of the Rockview Divestment Lands.



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SCI Rockview
Proposed Divestment:
Current Core vs. Edge
Forest



Land Use

-  Agriculture
-  Core Forest
-  Edge Forest
-  Fish Hatchery
-  Old Field
-  Roads & Parking
-  Powerline
-  Facilities
-  Water

0 0.125 0.25 0.5 Miles

1:16,000

Map Created by
ClearWater Conservancy
January 2009

Data Sources:
PA DGS, PA DCNR,
PSU Cooperative Wetlands Center



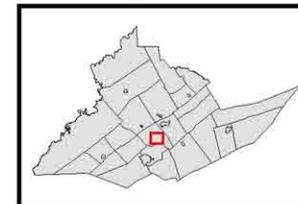
Figure 12. Current Core vs. Edge Forest of the Rockview Divestment Lands.



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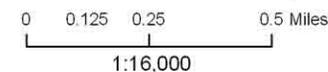
SCI Rockview

Proposed Divestment:
Current Core vs. Edge
Forest (Scenario 1)



Land Use (Scenario 1)

-  Agriculture
-  Core Forest
-  Edge Forest
-  Fish Hatchery
-  Roads & Parking
-  Powerline
-  Facilities
-  Water



Map Created by
ClearWater Conservancy
February 2009

Data Sources:
PA DGS, PA DCNR,
PSU Cooperative Wetlands Center



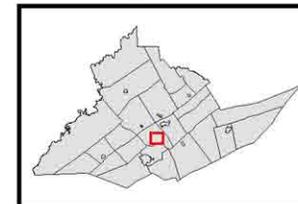
Figure 13. Core vs. edge forest of the Rockview Divestment Lands: restoration of old field habitat (Scenario 1).



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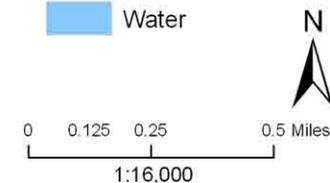
SCI Rockview

Proposed Divestment:
Current Core vs. Edge
Forest (Scenario 2)



Land Use (Scenario 2)

-  Agriculture
-  Core Forest
-  Edge Forest
-  Fish Hatchery
-  Roads & Parking
-  Powerline
-  Facilities
-  Water



Map Created by
ClearWater Conservancy
February 2009

Data Sources:
PA DGS, PA DCNR,
PSU Cooperative Wetlands Center



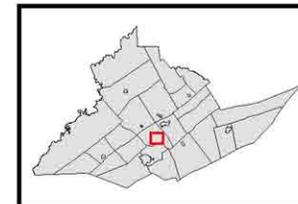
Figure 14. Core vs. edge forest of the Rockview Divestment Lands: restoration of old field habitat, riparian buffers, and sensitive soils (Scenario 2).



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SCI Rockview

Proposed Divestment:
Current Core vs. Edge
Forest (Scenario 3)



Land Use (Scenario 3)

-  Agriculture
-  Core Forest
-  Edge Forest
-  Fish Hatchery
-  Roads & Parking
-  Powerline
-  Facilities
-  Water



0 0.125 0.25 0.5 Miles

1:16,000

Map Created by
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February 2009

Data Sources:
PA DGS, PA DCNR,
PSU Cooperative Wetlands Center



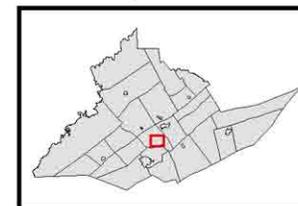
Figure 15. Core vs. edge forest of the Rockview Divestment Lands: restoration of old field habitat, riparian buffers, sensitive soils, and smoothed edges (Scenario 3).



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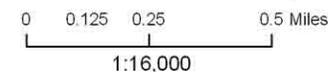
SCI Rockview

Proposed Divestment:
Current Core vs. Edge
Forest (Scenario 4)



Land Use (Scenario 4)

-  Core Forest
-  Edge Forest
-  Fish Hatchery
-  Roads & Parking
-  Powerline
-  Facilities
-  Water



Map Created by
ClearWater Conservancy
February 2009

Data Sources:
PA DGS, PA DCNR,
PSU Cooperative Wetlands Center

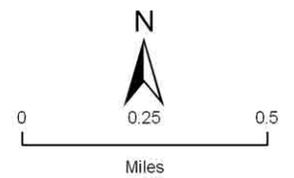


Figure 16. Core vs. edge forest of the Rockview Divestment Lands: restoration of all Rockview Divestment Lands (Scenario 4).

**SCI Rockview
Proposed Divestment:
High-Quality Soils**



-  Proposed Divestment
-  SCI Rockview
-  Chagrin (Ch)
-  Hagerstown (HaA, HaB, HcB)
-  Hublersburg (HuA, HuB)
-  Lindside (Lx)
-  Morrison (MrB)
-  Nolin (No)



1:16,000

Map Created by
ClearWater Conservancy
February 2009

Data Sources:
Centre County Planning Office,
USDA/NRCS, PA DCNR

Figure 17. High-Quality Soils of the Rockview Divestment Lands. These soils are commonly called Class I and Class II soils.