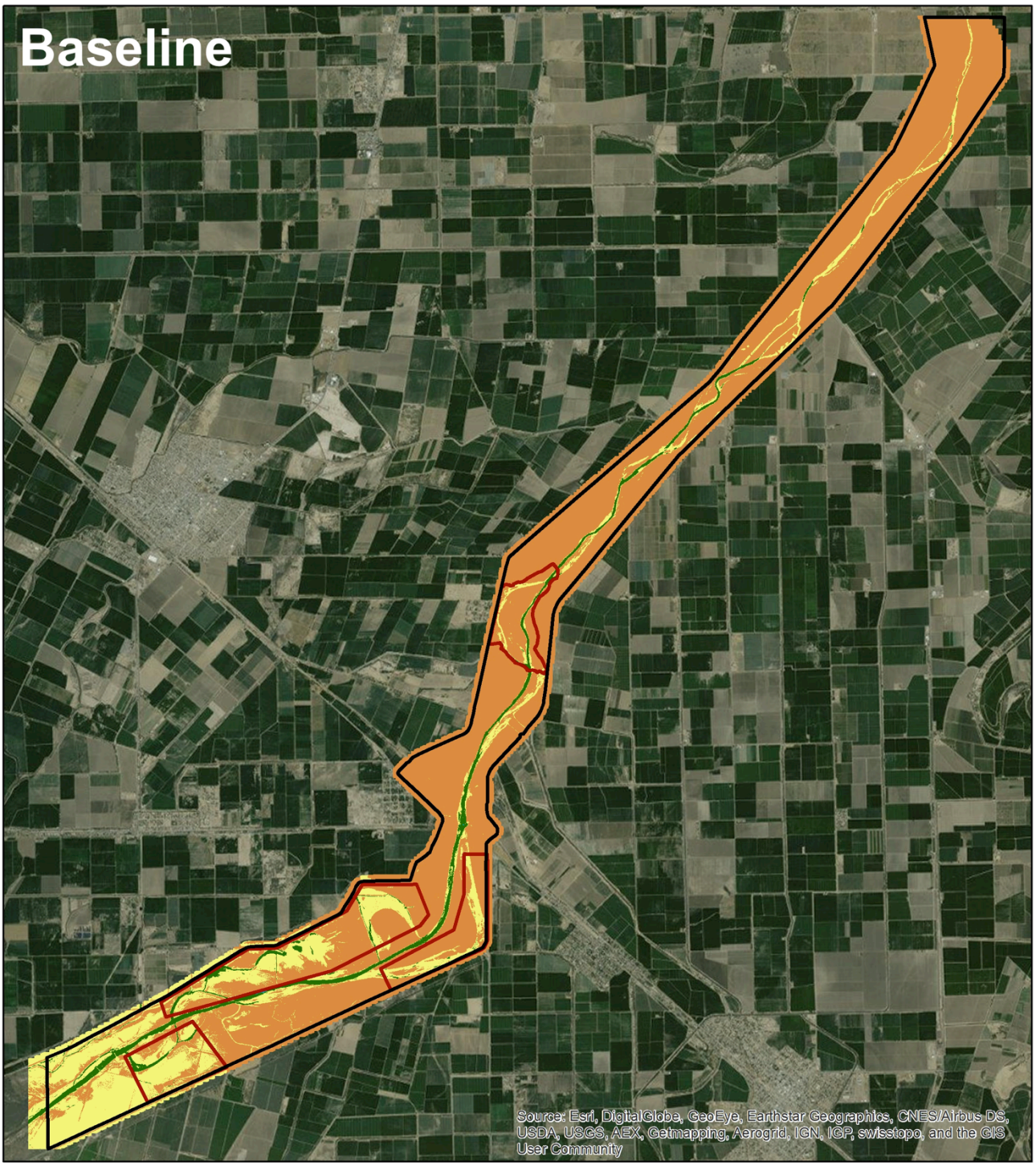
Appendix 4:

Reach 4 Habitat Potential Figures



Legend

Habitat Classification

- Aquatic
- Cottonwood-willow
- Mesquite bosque
- Non-riparian
- Reach 4
- Restoration Sites

0 0.5 1 2 3 4 Miles

N

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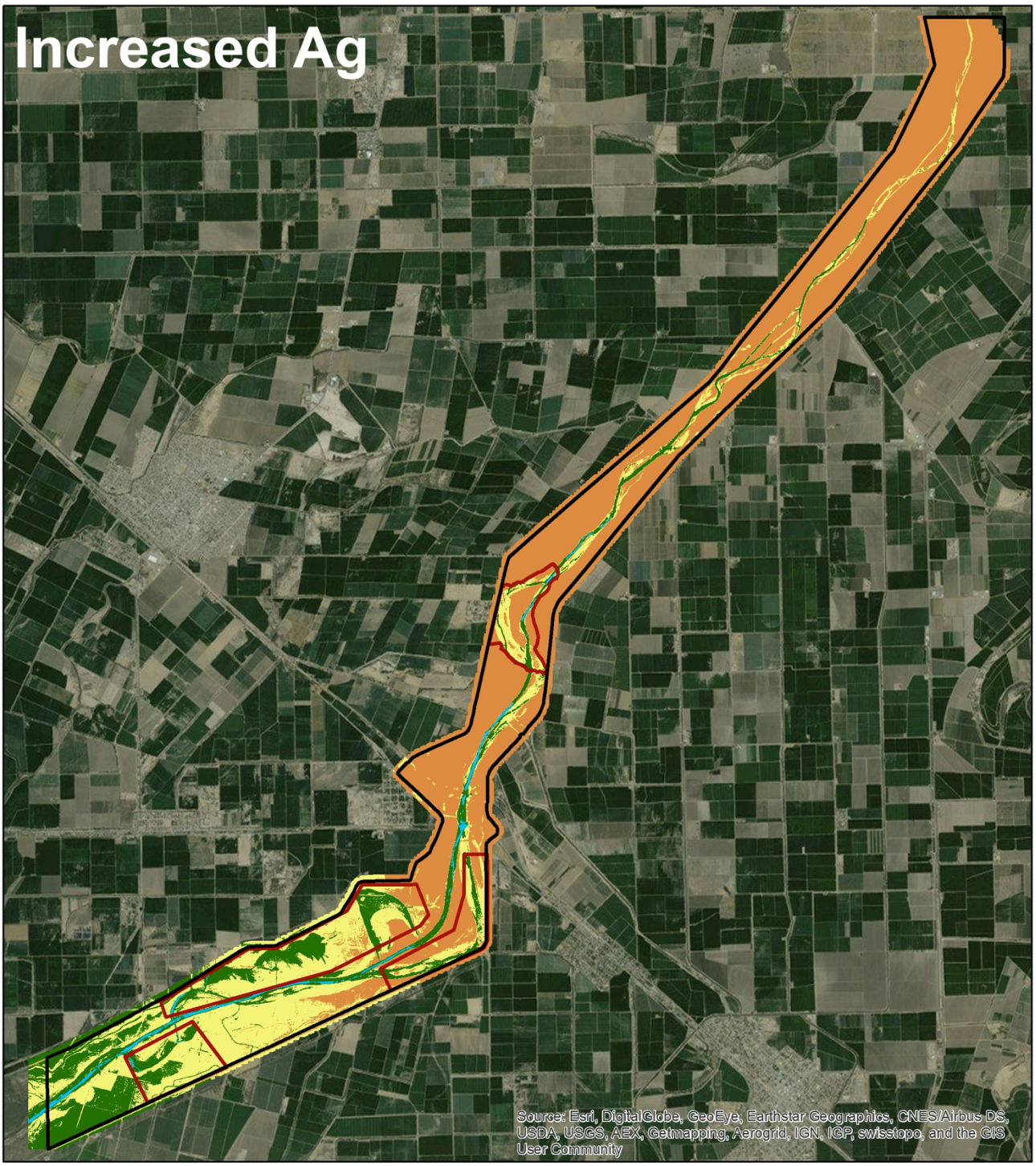
Scenario 1: Baseline



Legend

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0 0.5 1 2 3 4 Miles

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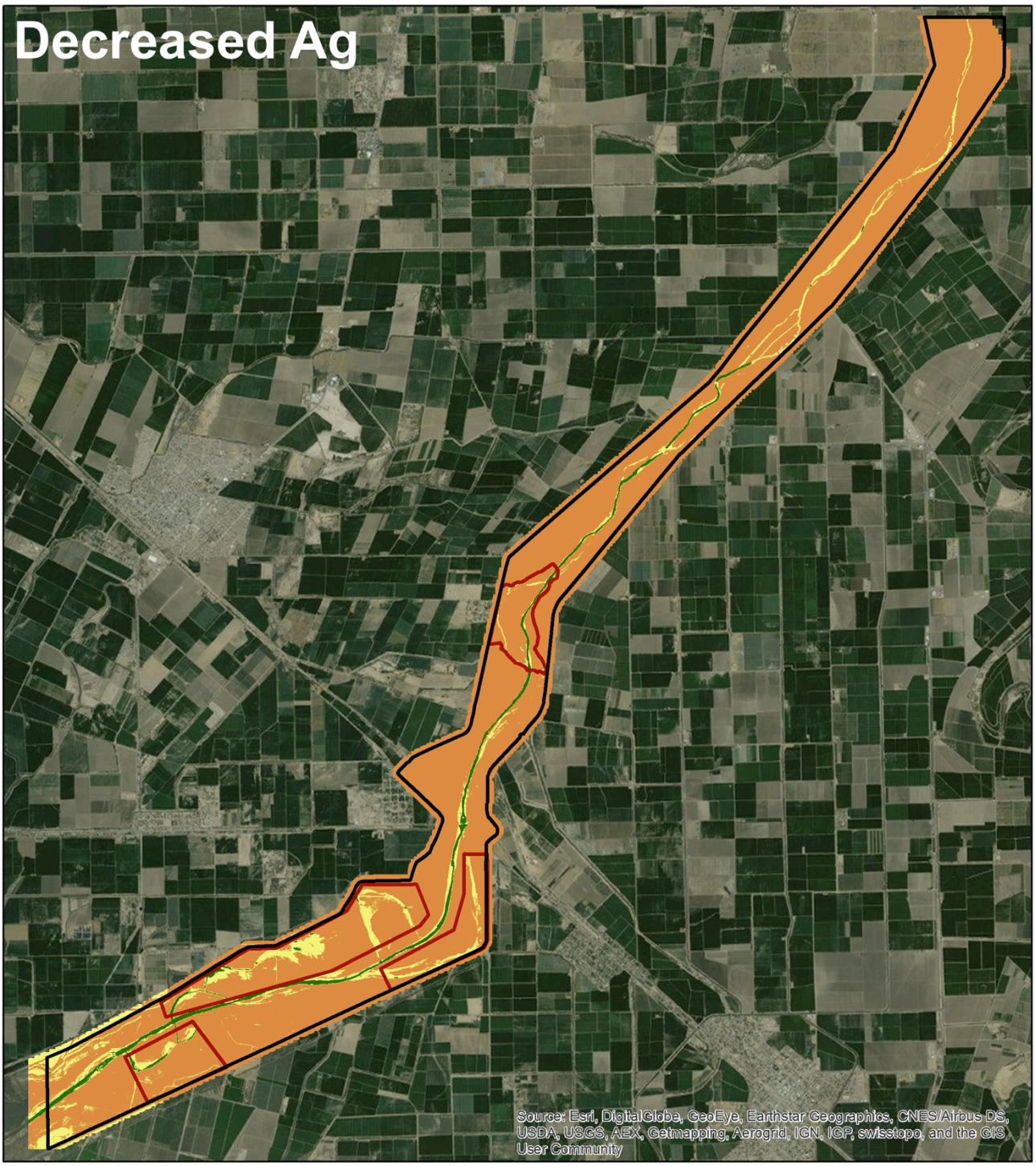
Scenario 2: Increased agricultural return flows



Legend

Habitat Classification

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0 0.5 1 2 3 4 Miles

N

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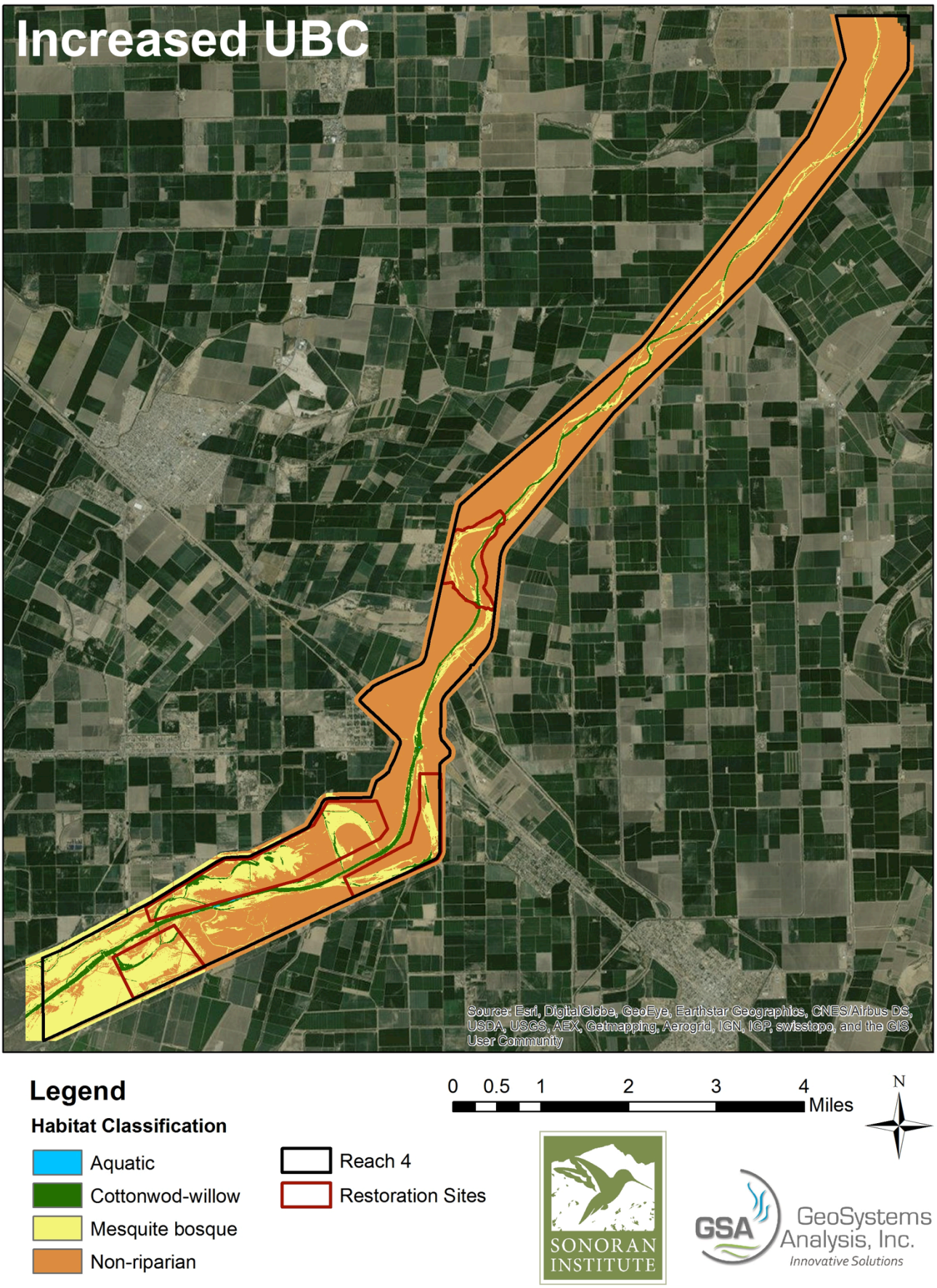
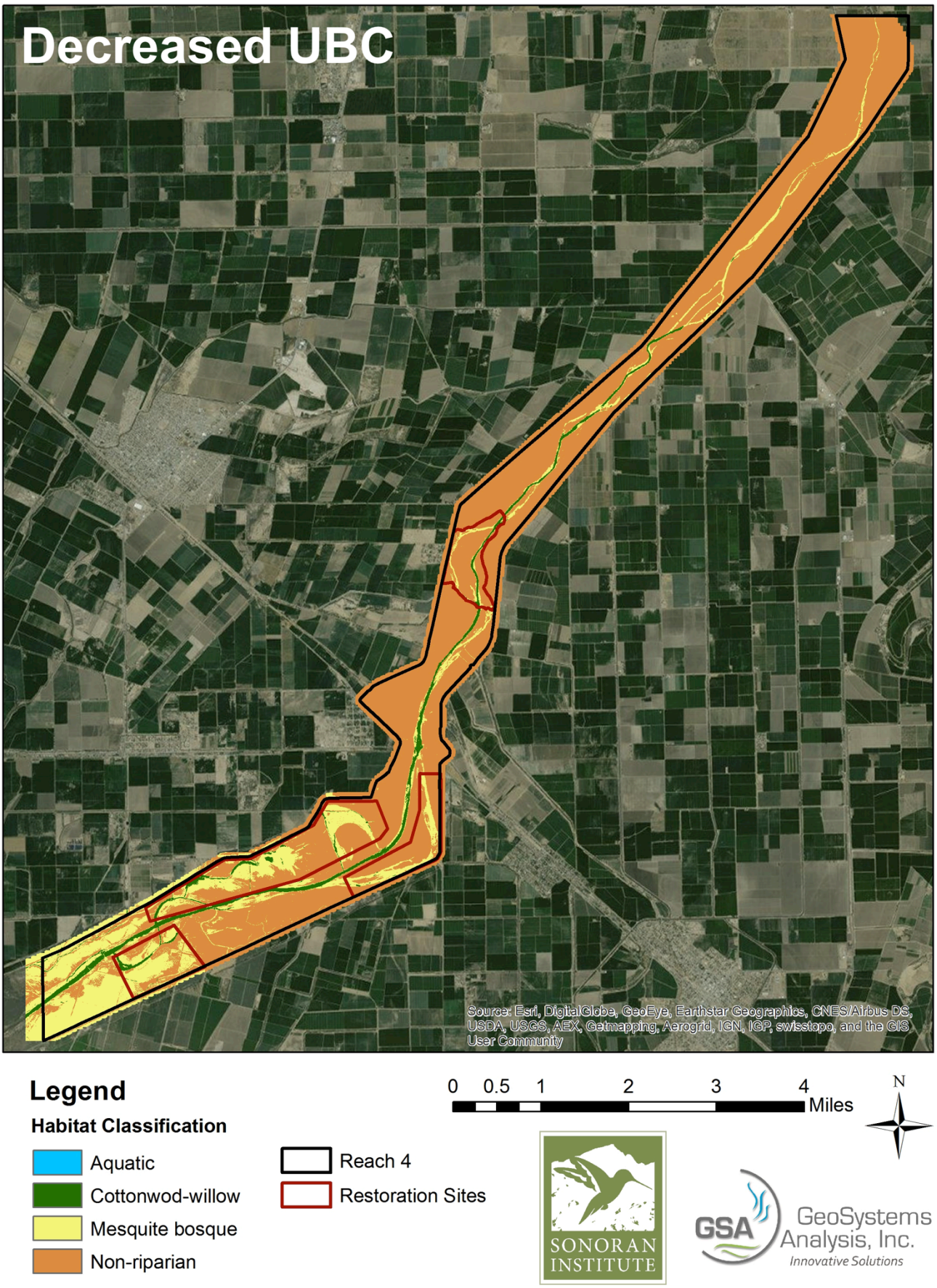
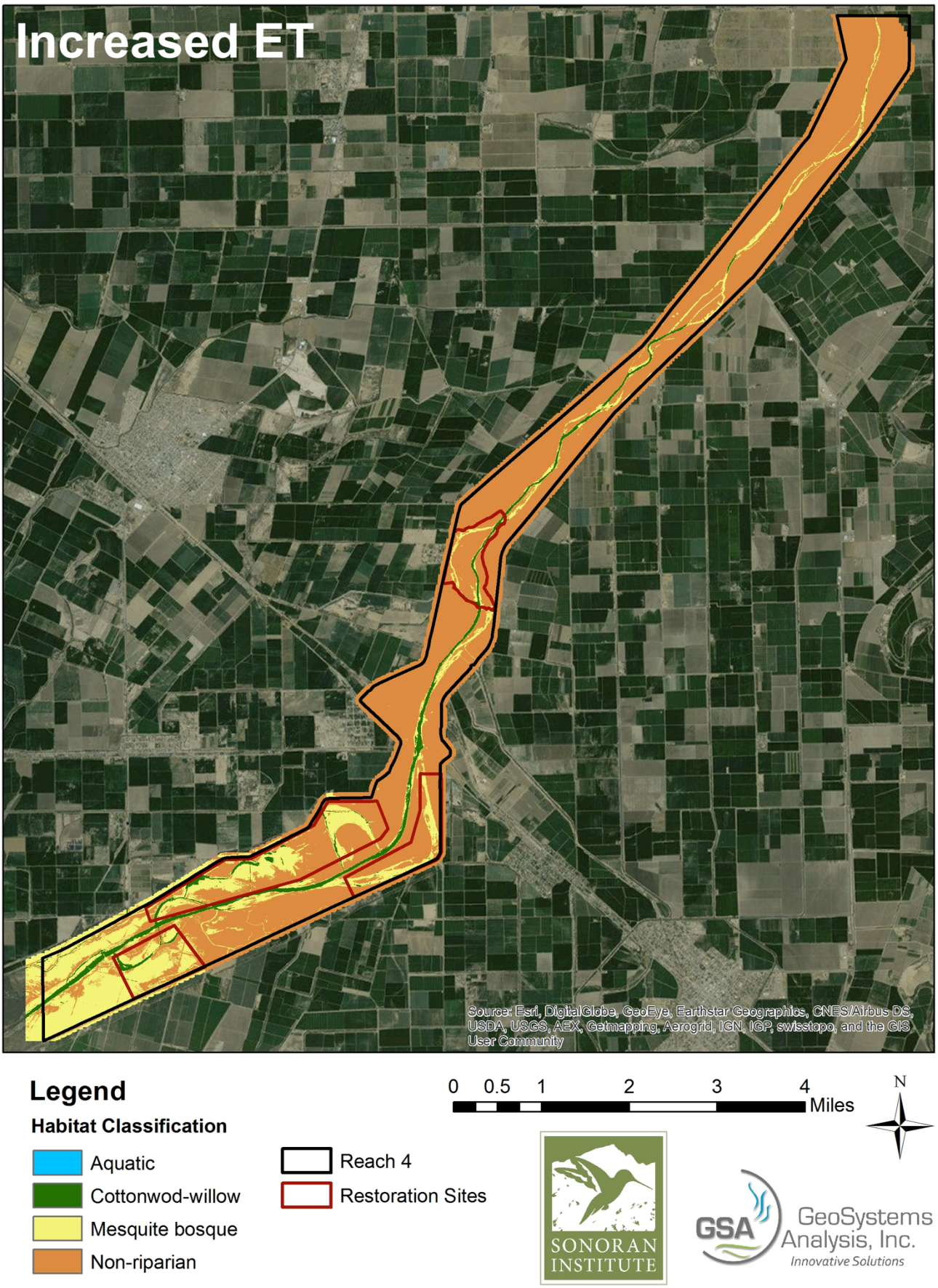
Scenario 3: Decreased agricultural return flows



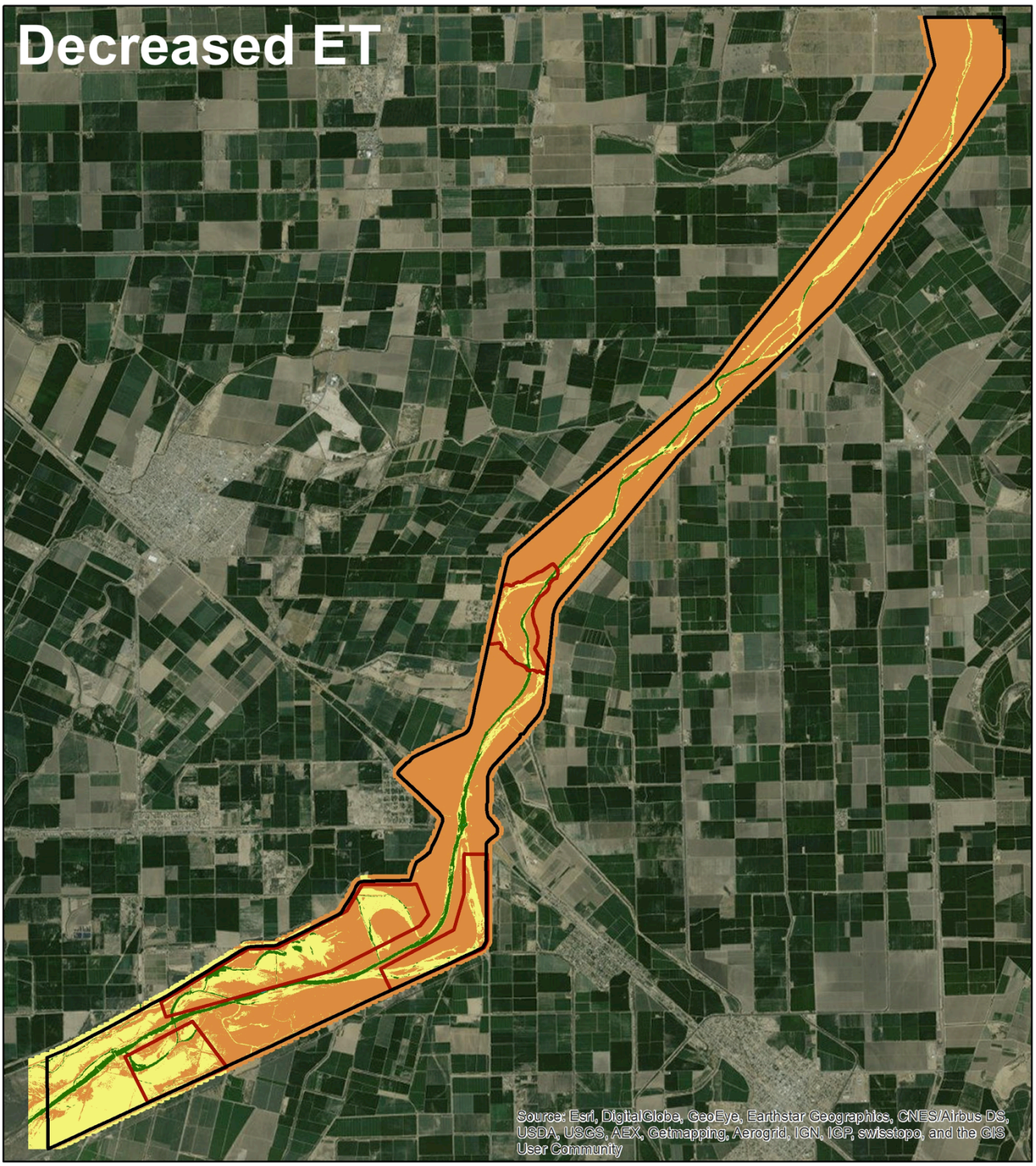
Scenario 4: Increased upstream inflows (upstream boundary condition – UBC)



Scenario 5: Decreased upstream inflows (upper boundary condition – UBC)



Scenario 6: Increased evapotraspiration



Legend

Habitat Classification

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- Non-riparian
- Reach 4
- Restoration Sites

0 0.5 1 2 3 4 Miles

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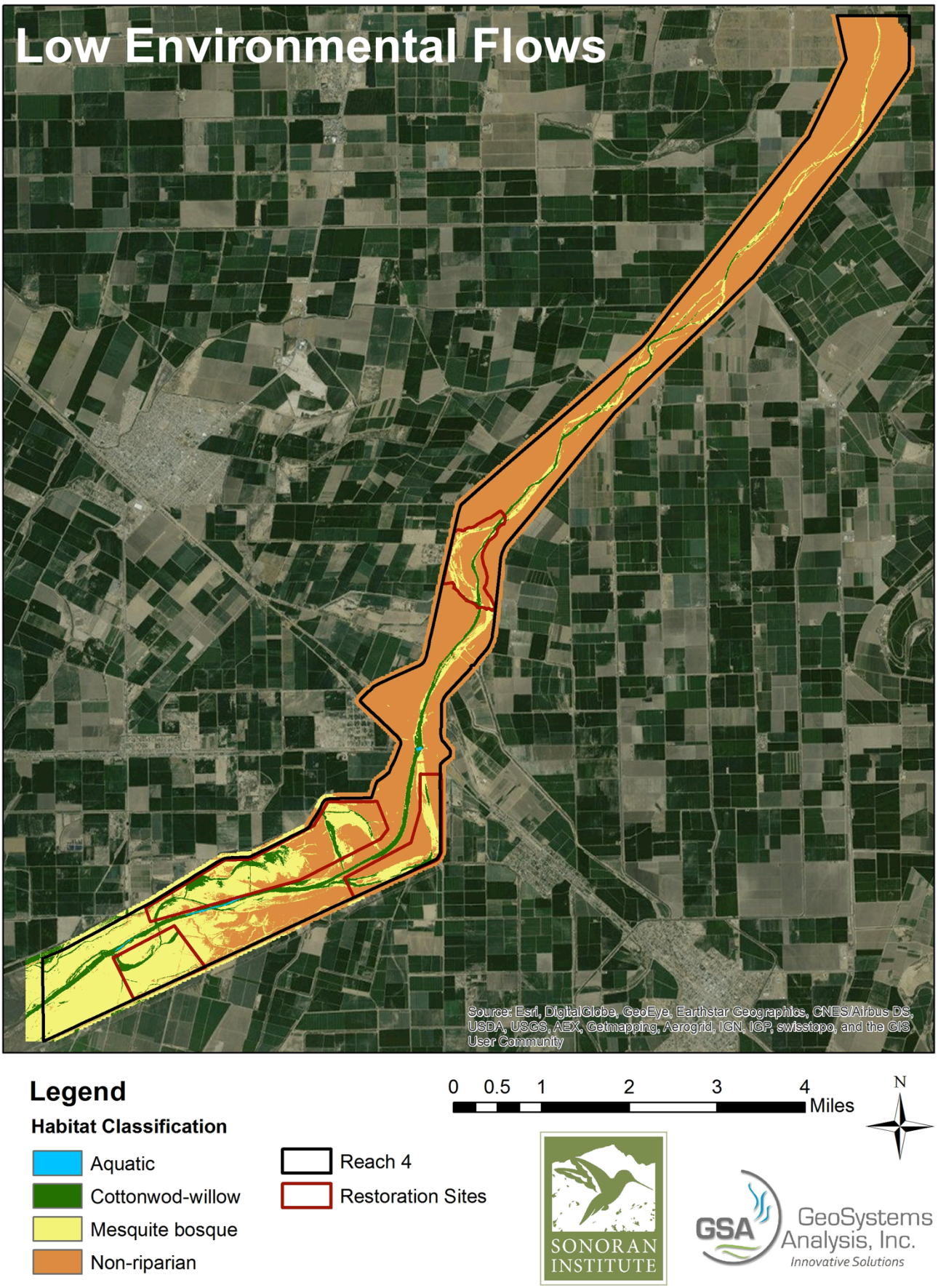
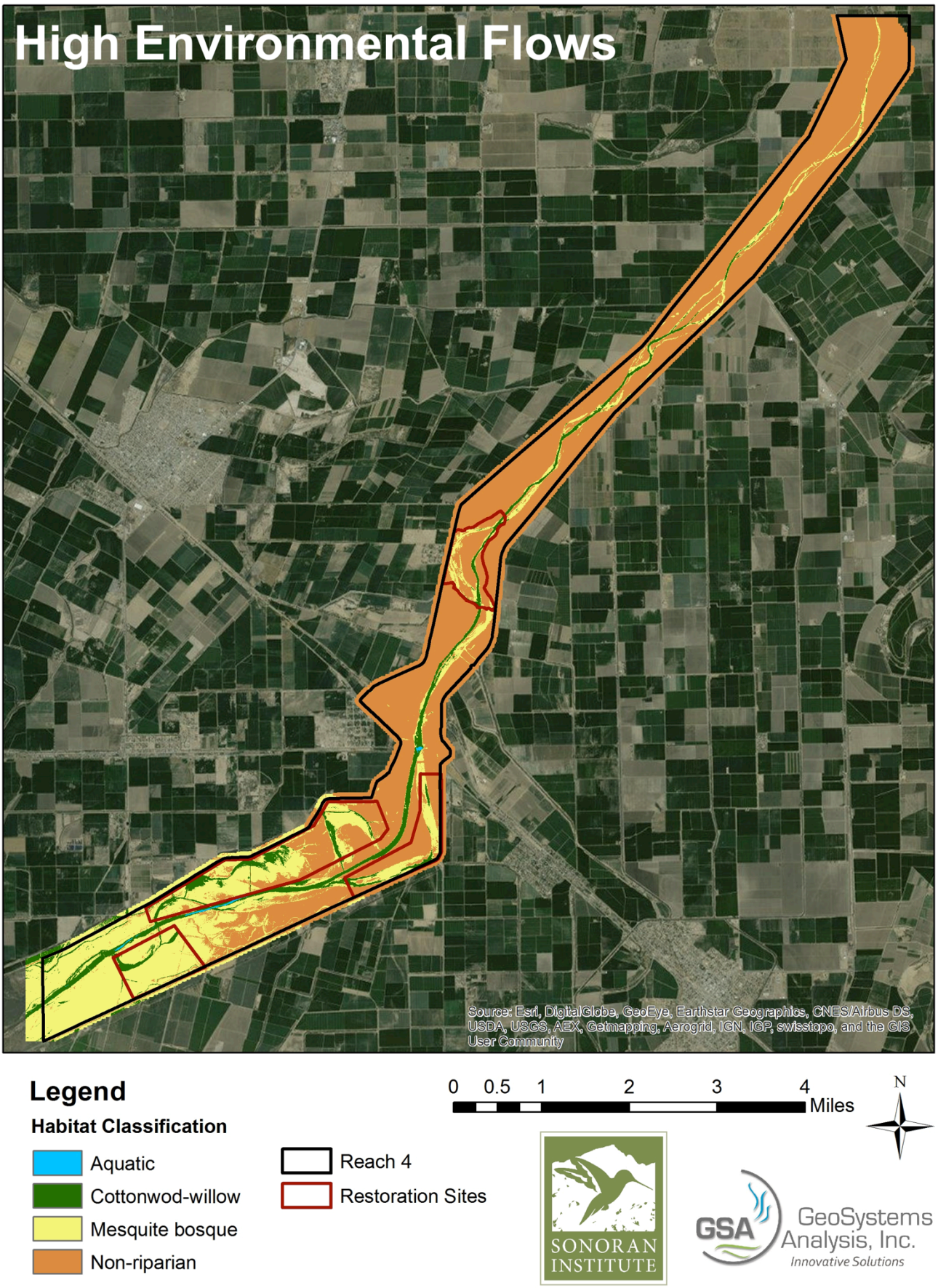
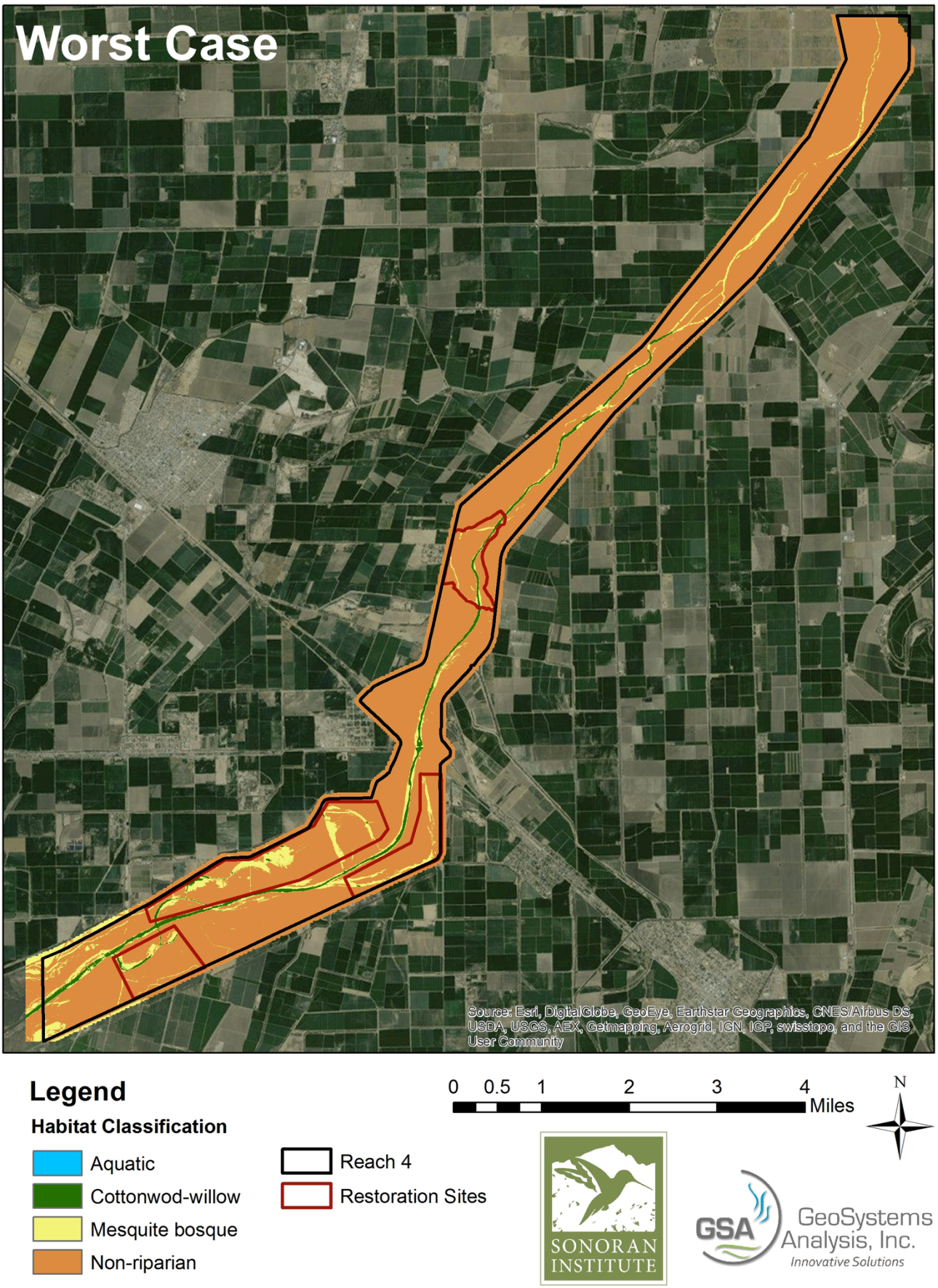
Scenario 7: Decreased evapotraspiration



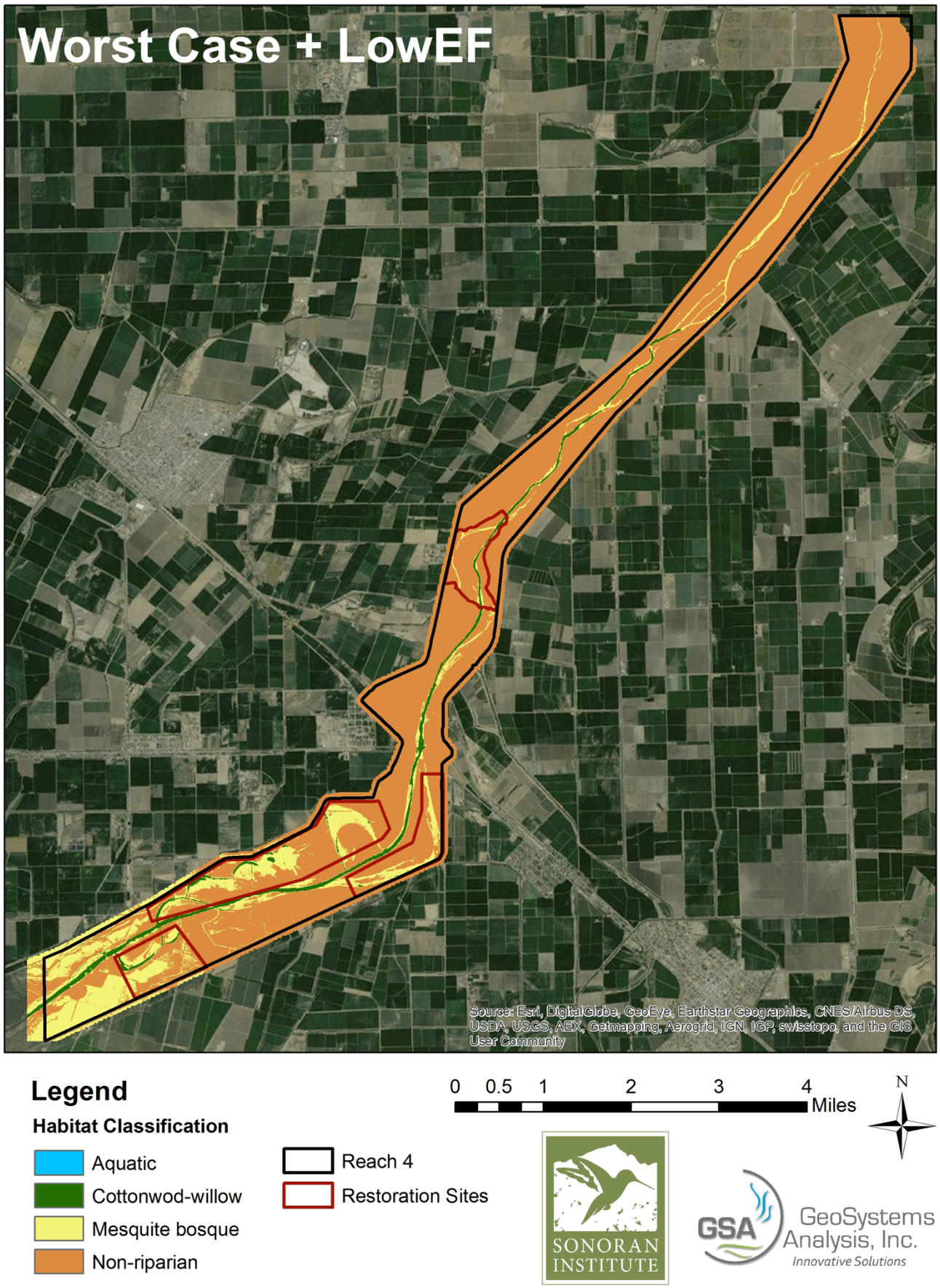
Scenario 8: Low environmental flows



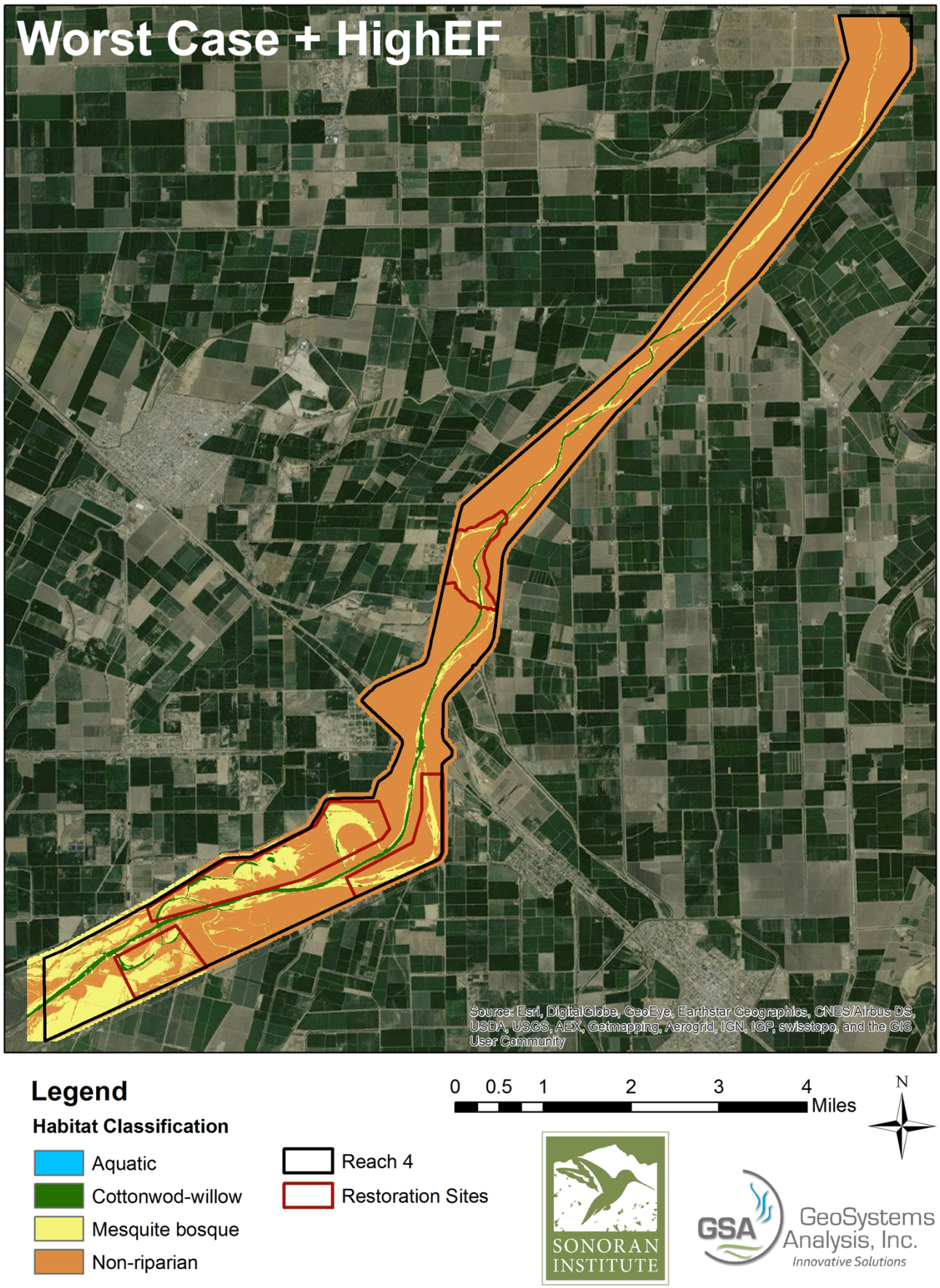
Scenario 9: High environmental flows



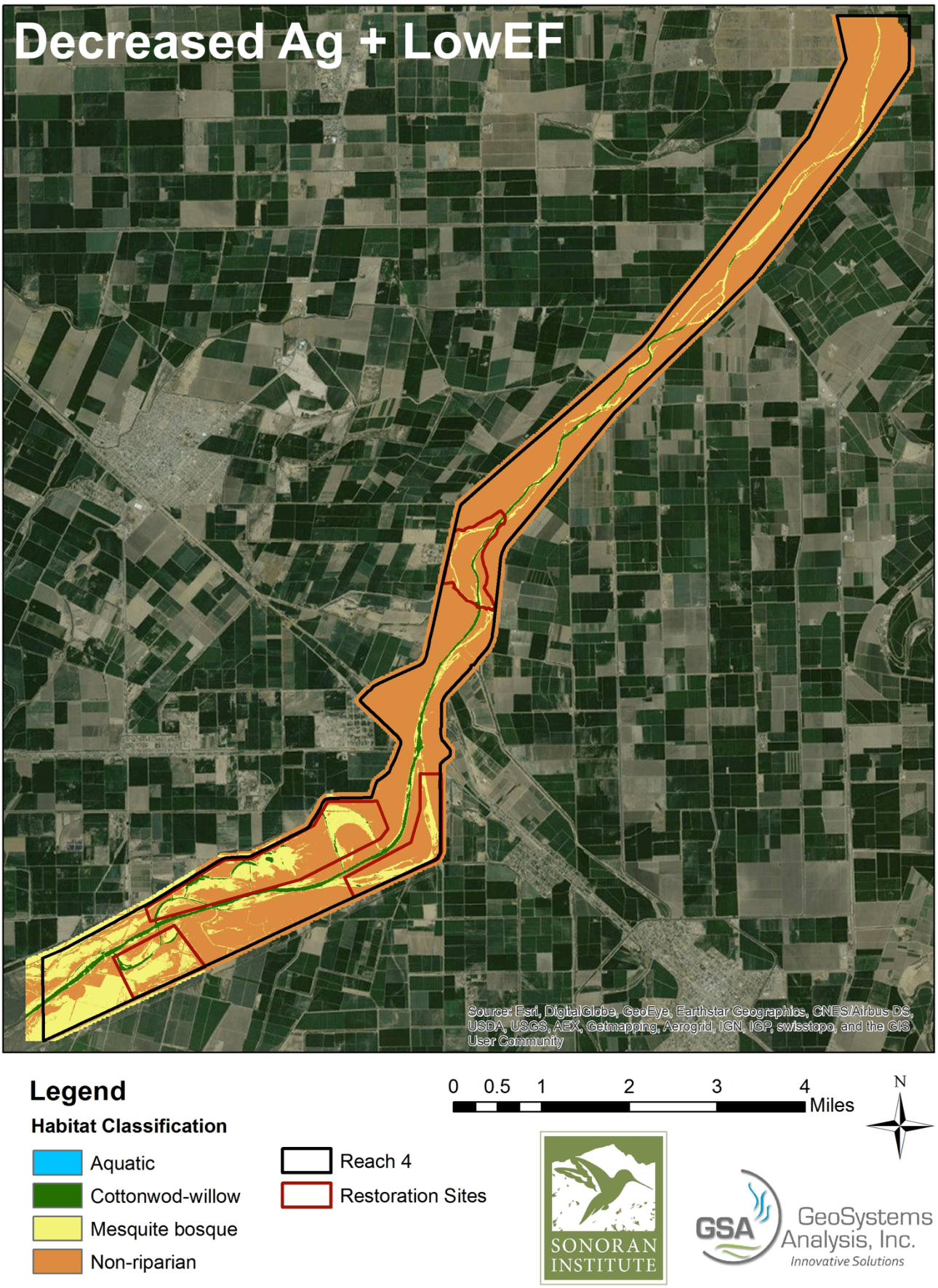
Scenario 10: Worst case



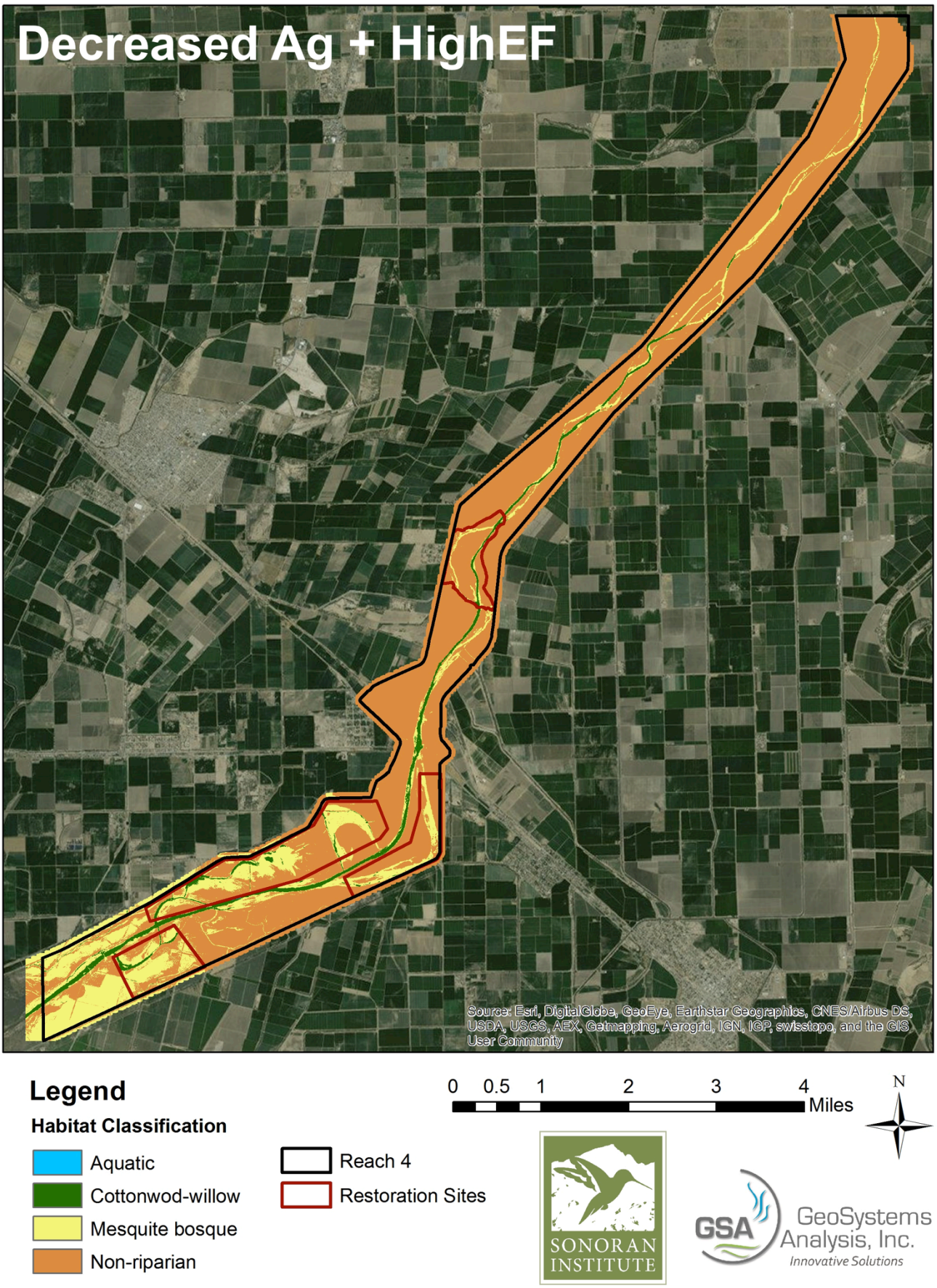
Scenario 11: Worst case + low environmental flows



Scenario 12: Worst case + high environmental flows



Scenario 13: Decreased agricultural return flows + low environmental flows



Scenario 14: Decreased agricultural return flows + high environmental flows