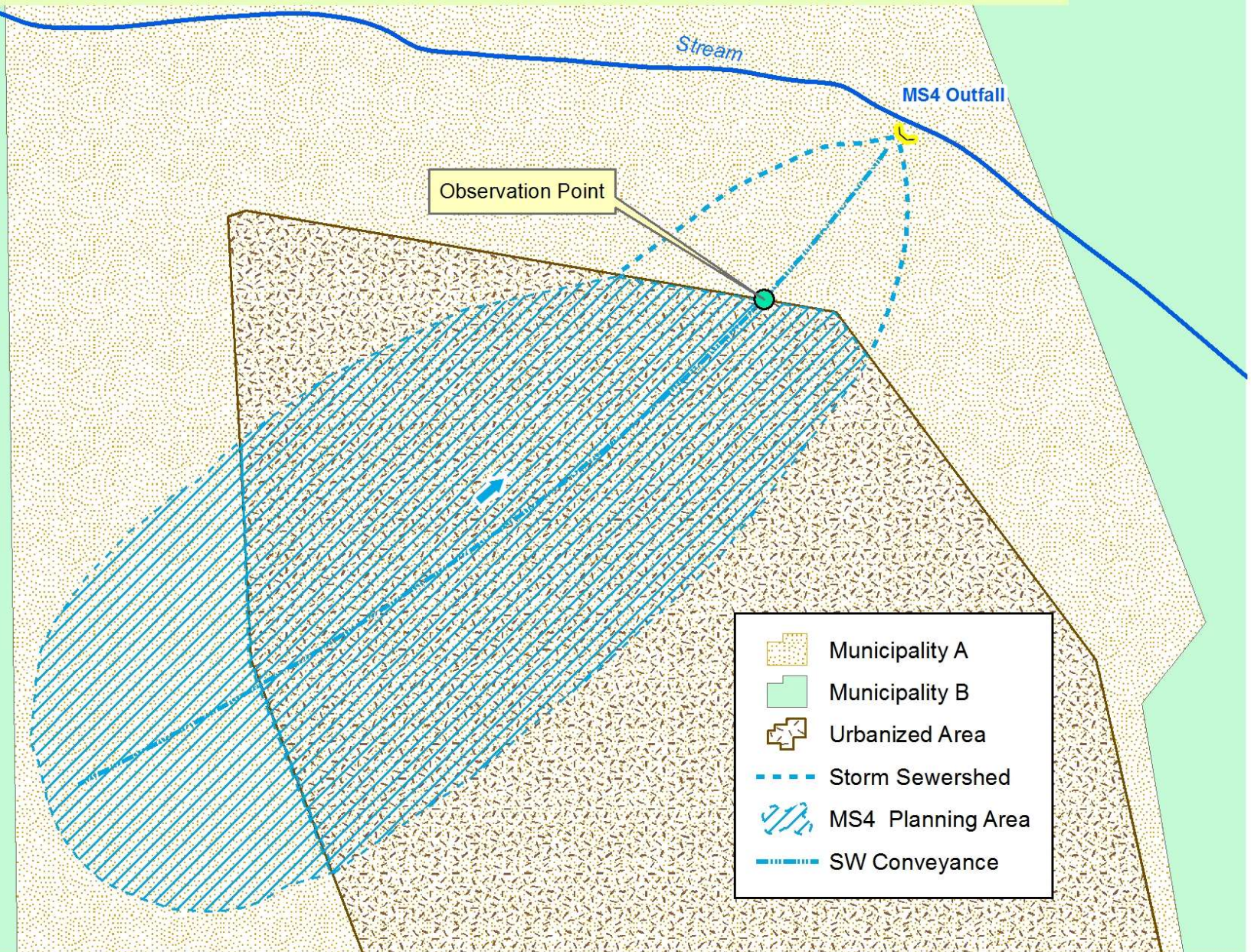


Scenario #1

An MS4 outfall is located within MS4 Municipality A, and downstream of the Urbanized Area (UA). The storm sewershed starts upstream of the UA within Municipality A, continues into the UA, and ends at the MS4 outfall below the UA.

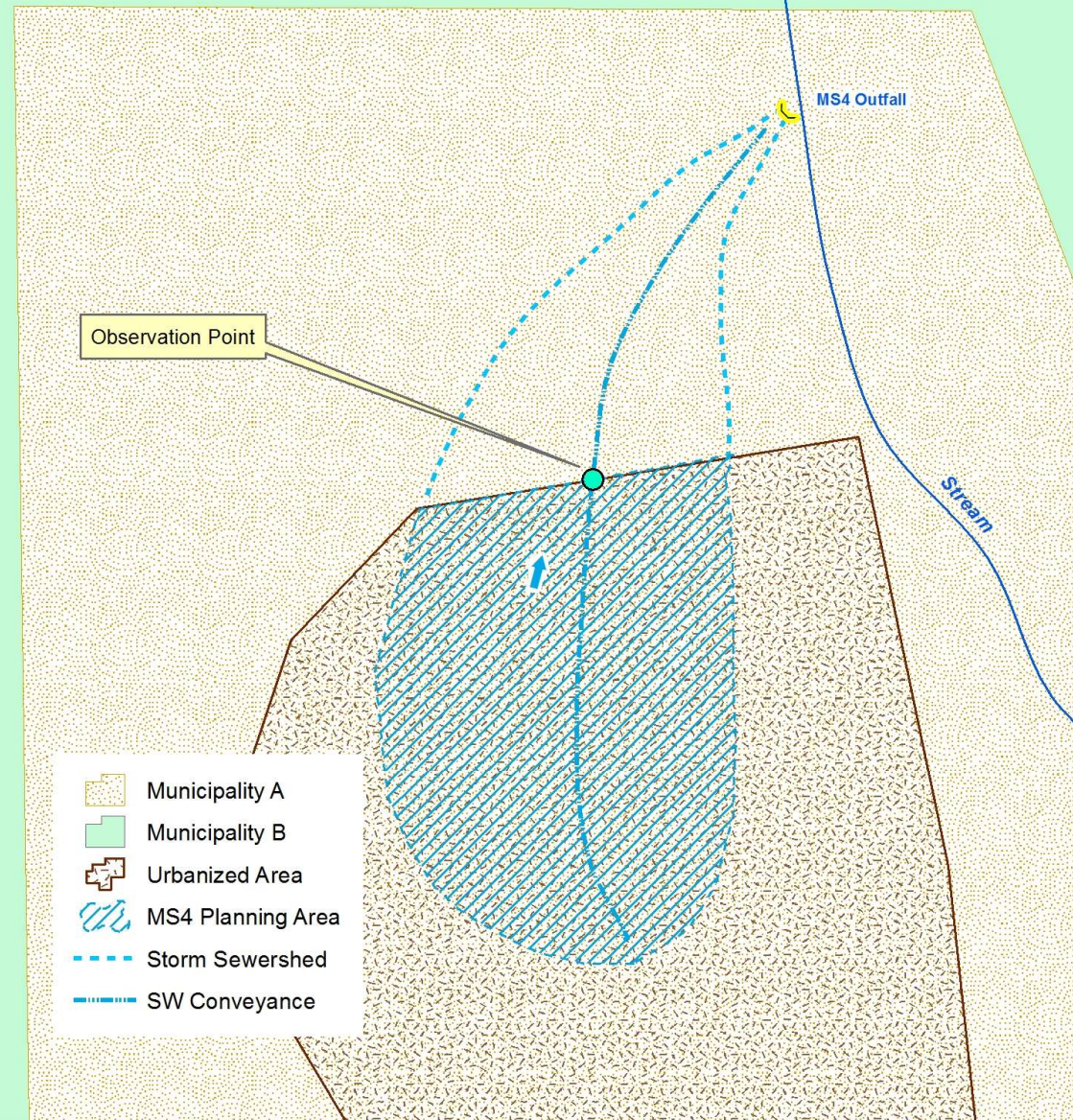
Under the MS4 permit, the planning area for MS4 Municipality A includes the storm sewershed within the UA and upstream of the UA. MS4 Municipality A must map the components of their system including the MS4 outfall. The MS4 outfall must be inspected.



Scenario #2

An MS4 outfall is located within MS4 Municipality A and outside the Urbanized Area (UA). The storm sewershed starts in the UA, continues through Municipality A and ends at the MS4 outfall.

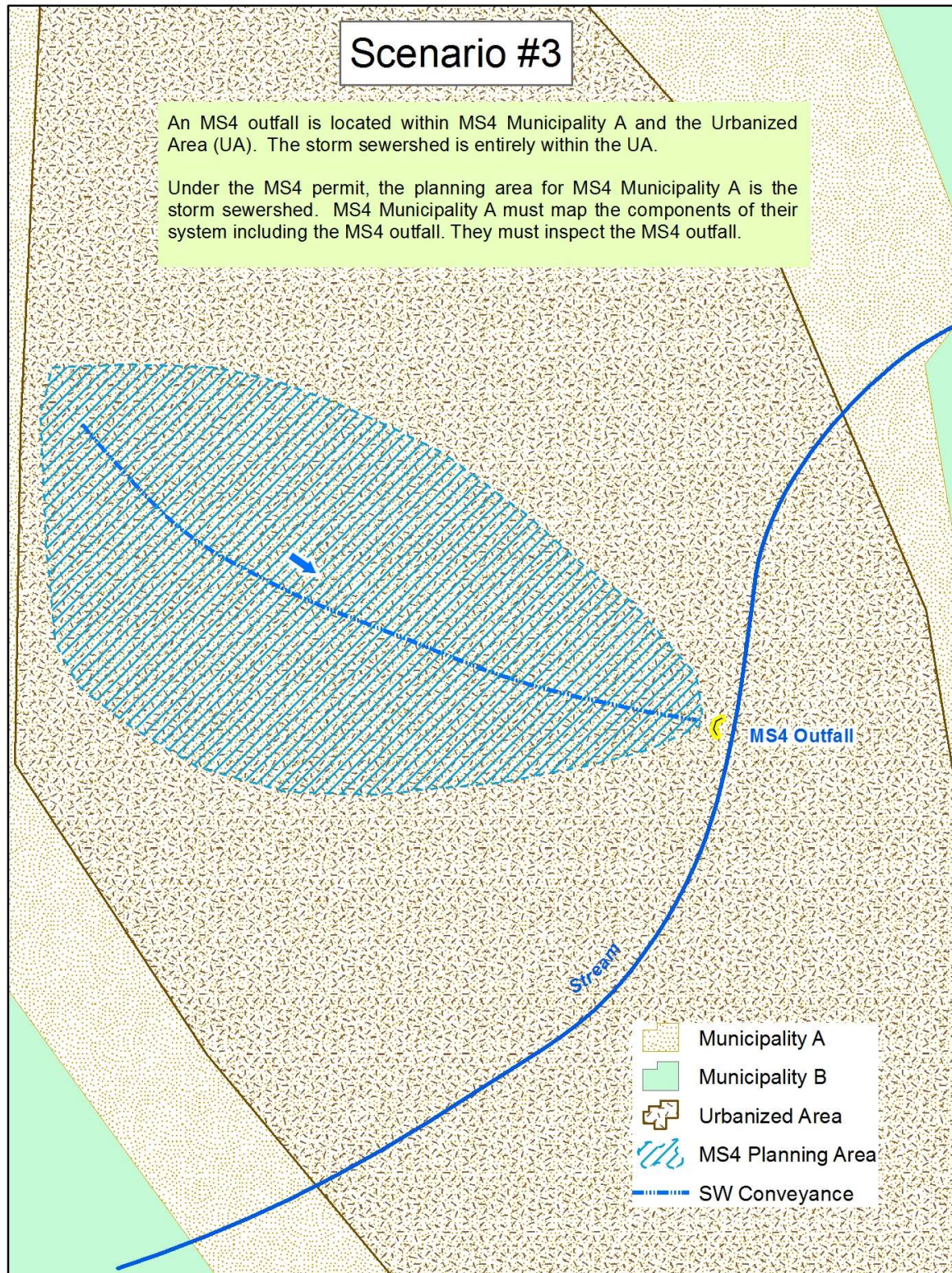
Under the MS4 permit, the planning area for MS4 Municipality A is the storm sewershed within the UA. MS4 Municipality A must map the components of their system including the MS4 outfall. The MS4 outfall must be inspected.



Scenario #3

An MS4 outfall is located within MS4 Municipality A and the Urbanized Area (UA). The storm sewershed is entirely within the UA.

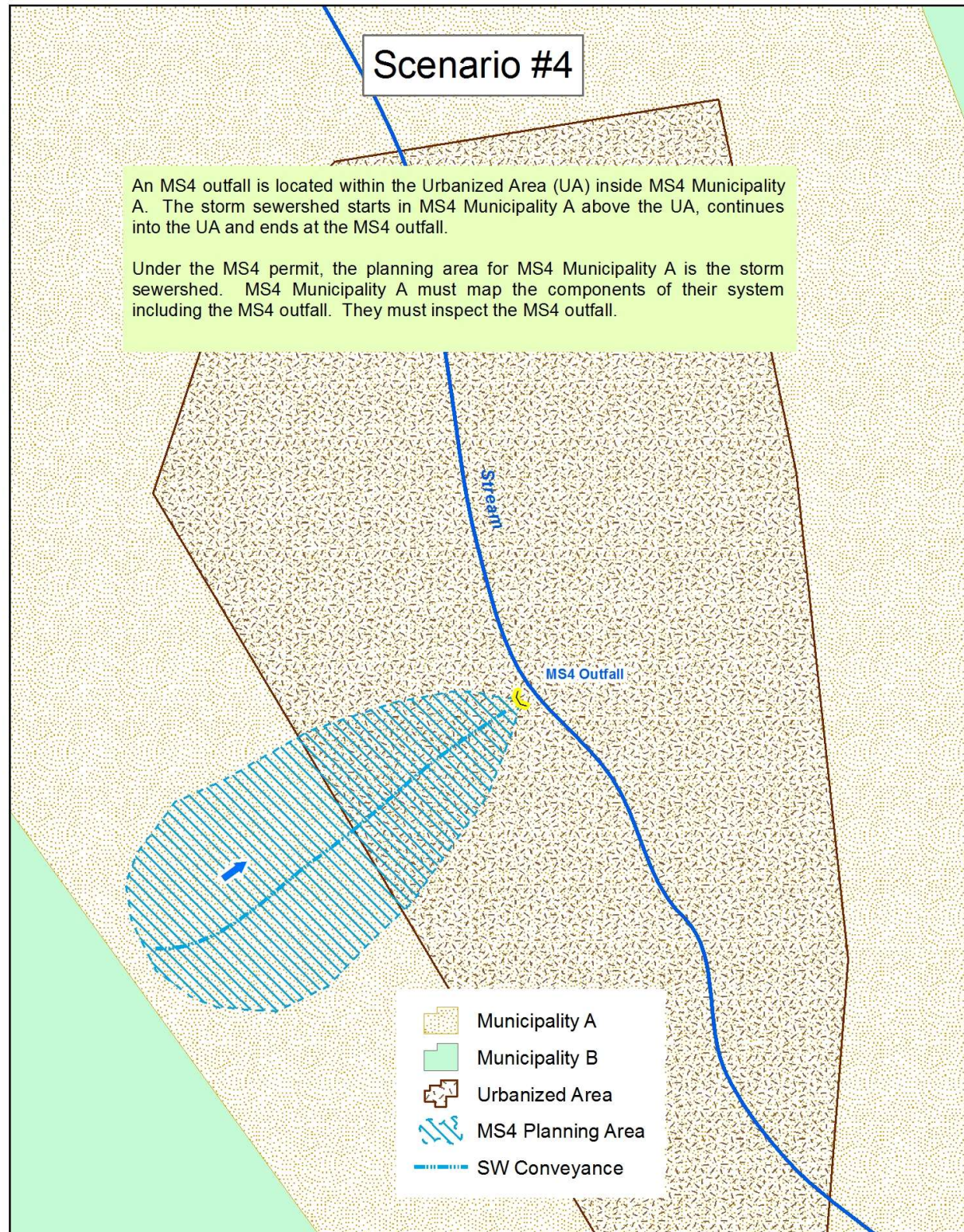
Under the MS4 permit, the planning area for MS4 Municipality A is the storm sewershed. MS4 Municipality A must map the components of their system including the MS4 outfall. They must inspect the MS4 outfall.



Scenario #4

An MS4 outfall is located within the Urbanized Area (UA) inside MS4 Municipality A. The storm sewershed starts in MS4 Municipality A above the UA, continues into the UA and ends at the MS4 outfall.

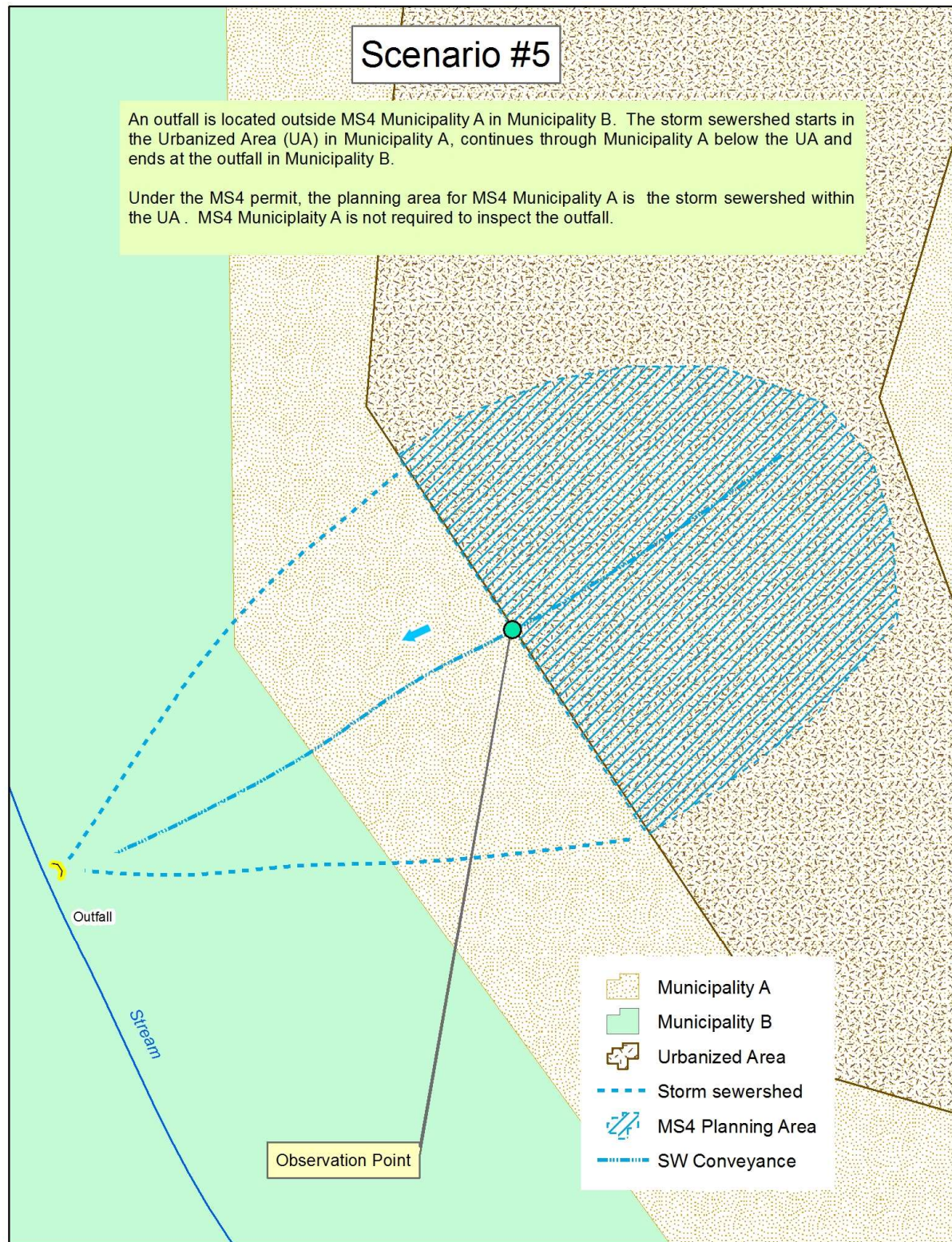
Under the MS4 permit, the planning area for MS4 Municipality A is the storm sewershed. MS4 Municipality A must map the components of their system including the MS4 outfall. They must inspect the MS4 outfall.



Scenario #5

An outfall is located outside MS4 Municipality A in Municipality B. The storm sewershed starts in the Urbanized Area (UA) in Municipality A, continues through Municipality A below the UA and ends at the outfall in Municipality B.

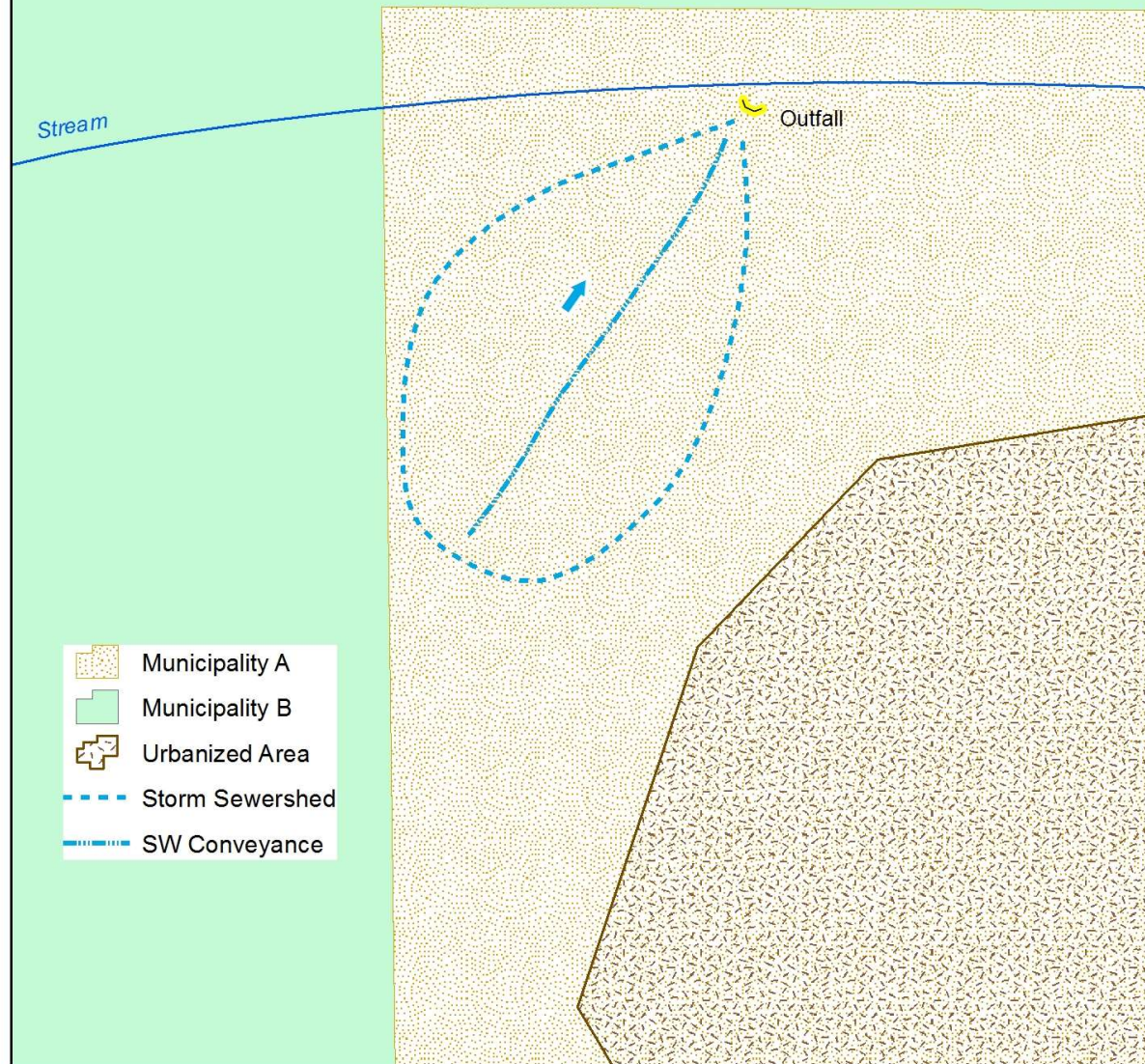
Under the MS4 permit, the planning area for MS4 Municipality A is the storm sewershed within the UA. MS4 Municipality A is not required to inspect the outfall.



Scenario #6

An outfall is located inside MS4 Municipality A and outside the Urbanized Area (UA). The storm sewershed is entirely inside MS4 Municipality A and outside the UA.

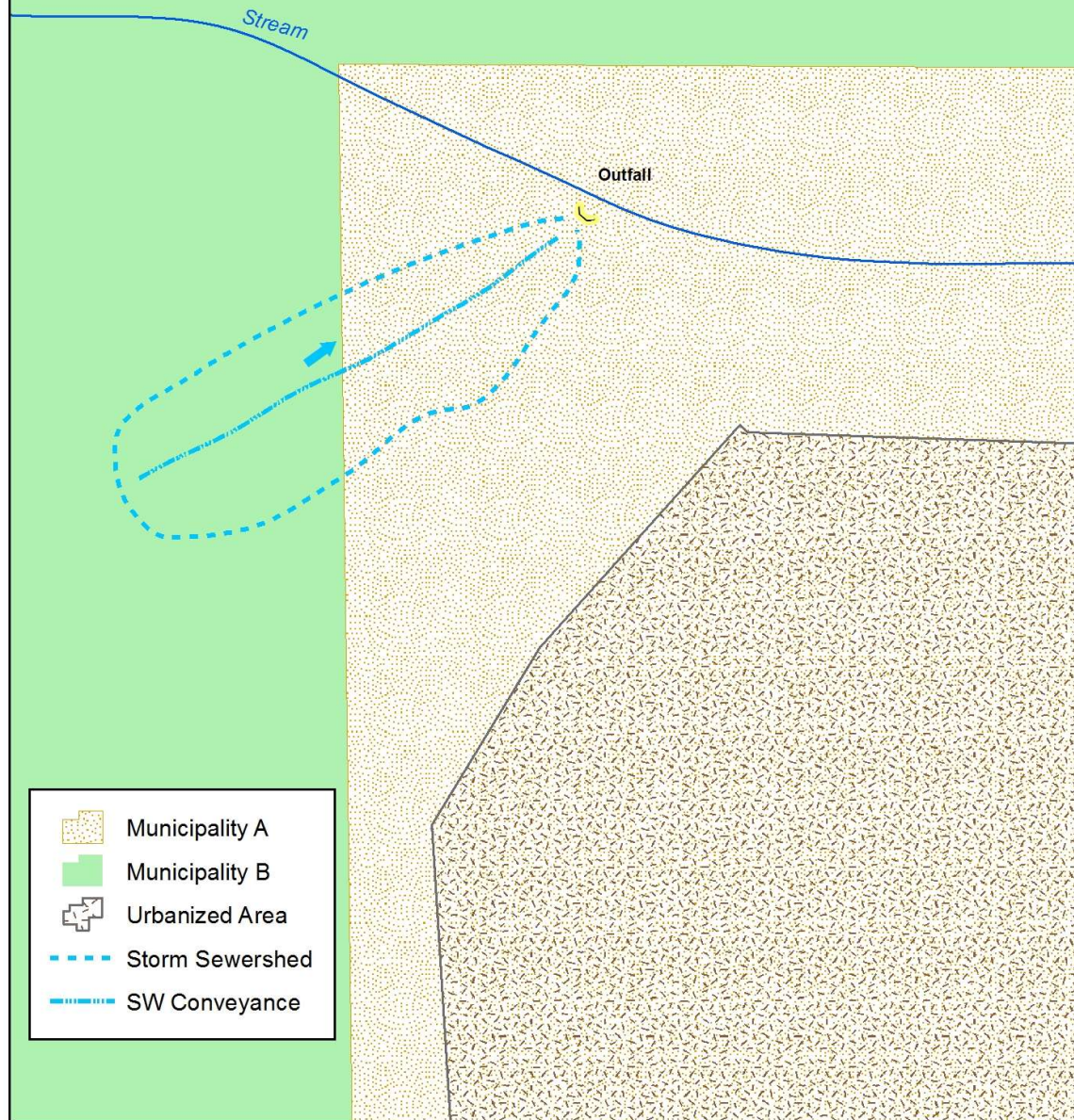
MS4 Municipality A has no planning area for the storm sewershed under the MS4 permit requirements. The storm sewershed does not touch the UA. The outfall is not required to be mapped or inspected under the MS4 permit.



Scenario #7

An outfall is located inside MS4 Municipality A and outside the urbanized area (UA). The storm sewershed starts in Municipality B and continues into MS4 Municipality A. However, the storm sewershed is outside of the UA in both MS4 Municipality A and Municipality B.

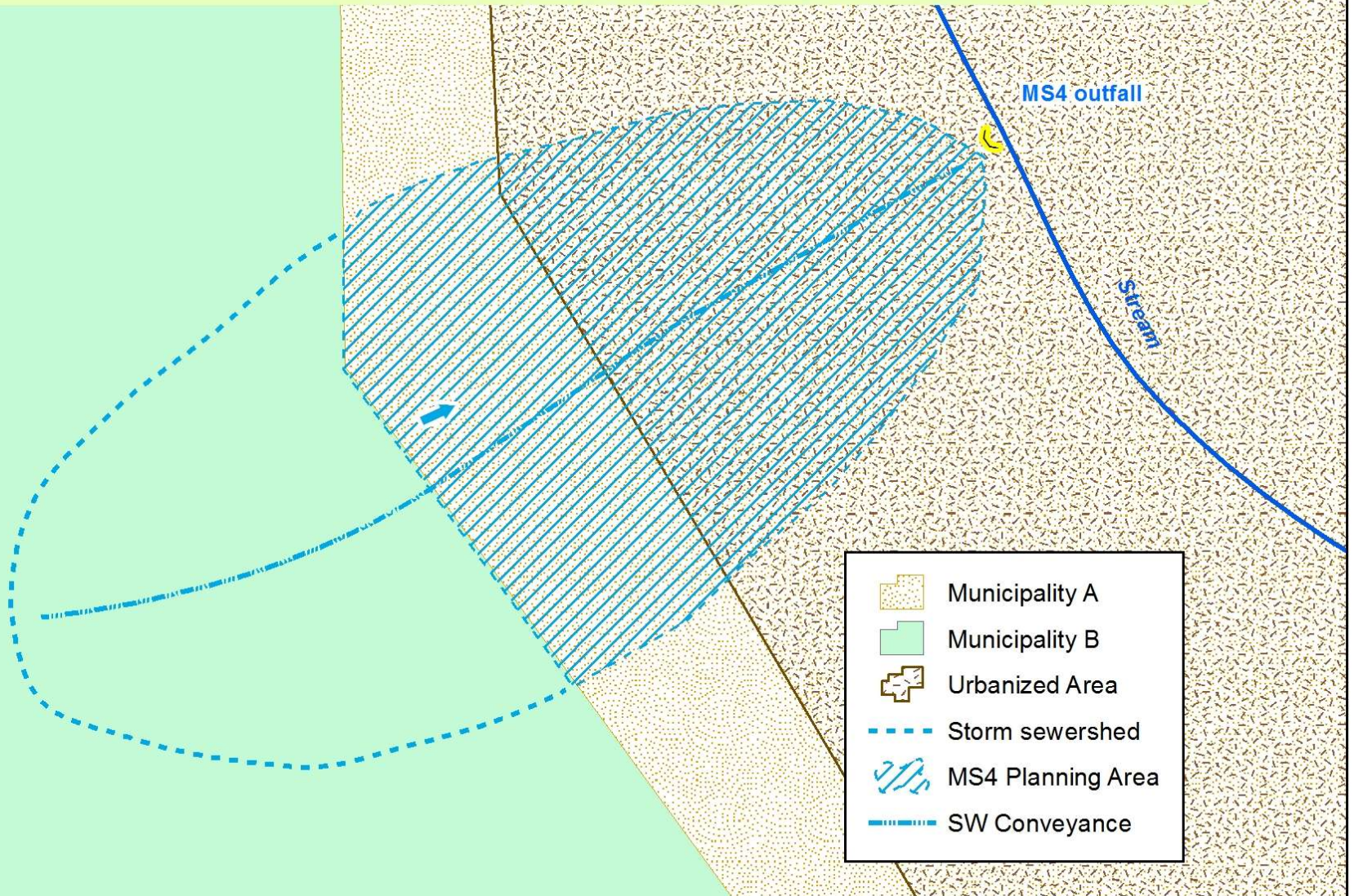
Neither MS4 Municipality A nor Municipality B has any planning area for the outfall or its storm sewershed under the MS4 permit requirements. The outfall does not need to be inspected under the MS4 permit.



Scenario #8

An MS4 outfall is located inside MS4 Municipality A, and inside the urbanized area (UA). The storm sewershed starts in Municipality B, continues into MS4 Municipality A, into the UA and ends at the MS4 outfall.

Under the MS4 permit, the planning area for MS4 Municipality A is the storm sewershed within the UA, and upstream of the UA within MS4 Municipality A. However, the planning area for MS4 Municipality A does not include the storm sewershed in Municipality B. MS4 Municipality A must map the components of their system including the MS4 outfall. MS4 municipality A must inspect the MS4 outfall.



Scenario #9

An MS4 outfall is located inside MS4 Municipality A, and inside the Urbanized Area (UA). The UA is in both MS4 Municipality A and MS4 Municipality B. The storm sewershed starts within the UA in MS4 Municipality B, continues into MS4 Municipality A, and ends at the MS4 outfall.

Under the MS4 permit, the planning area for MS4 Municipality B is the storm sewershed within the UA and MS4 Municipality B. The planning area for MS4 Municipality A is the storm sewershed within the UA and MS4 Municipality A. MS4 Municipality A must also inspect and map the MS4 outfall.

However, MS4 Municipality A is not responsible for the storm sewershed within MS4 Municipality B.

