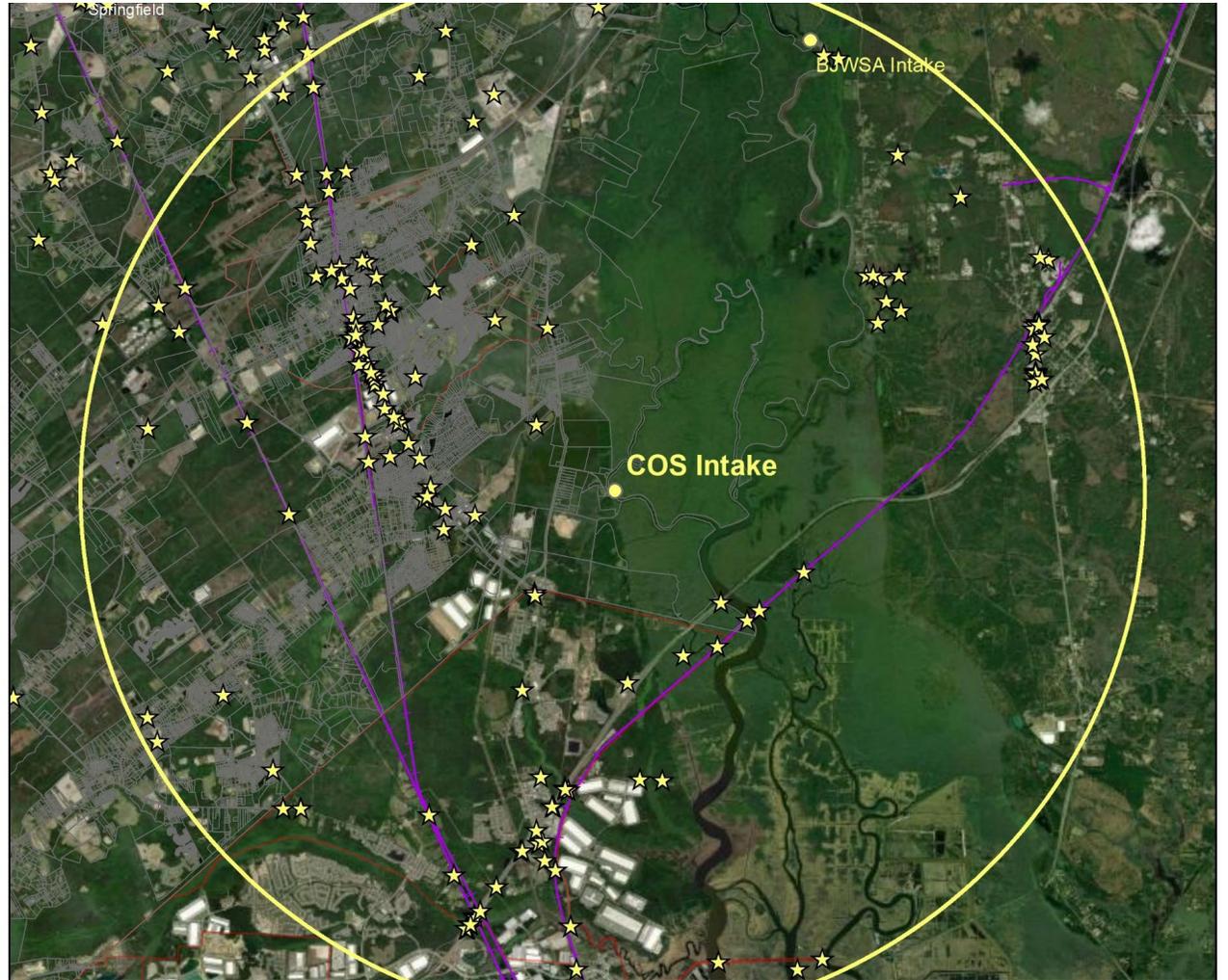


## 2002 Potential Pollution Sources

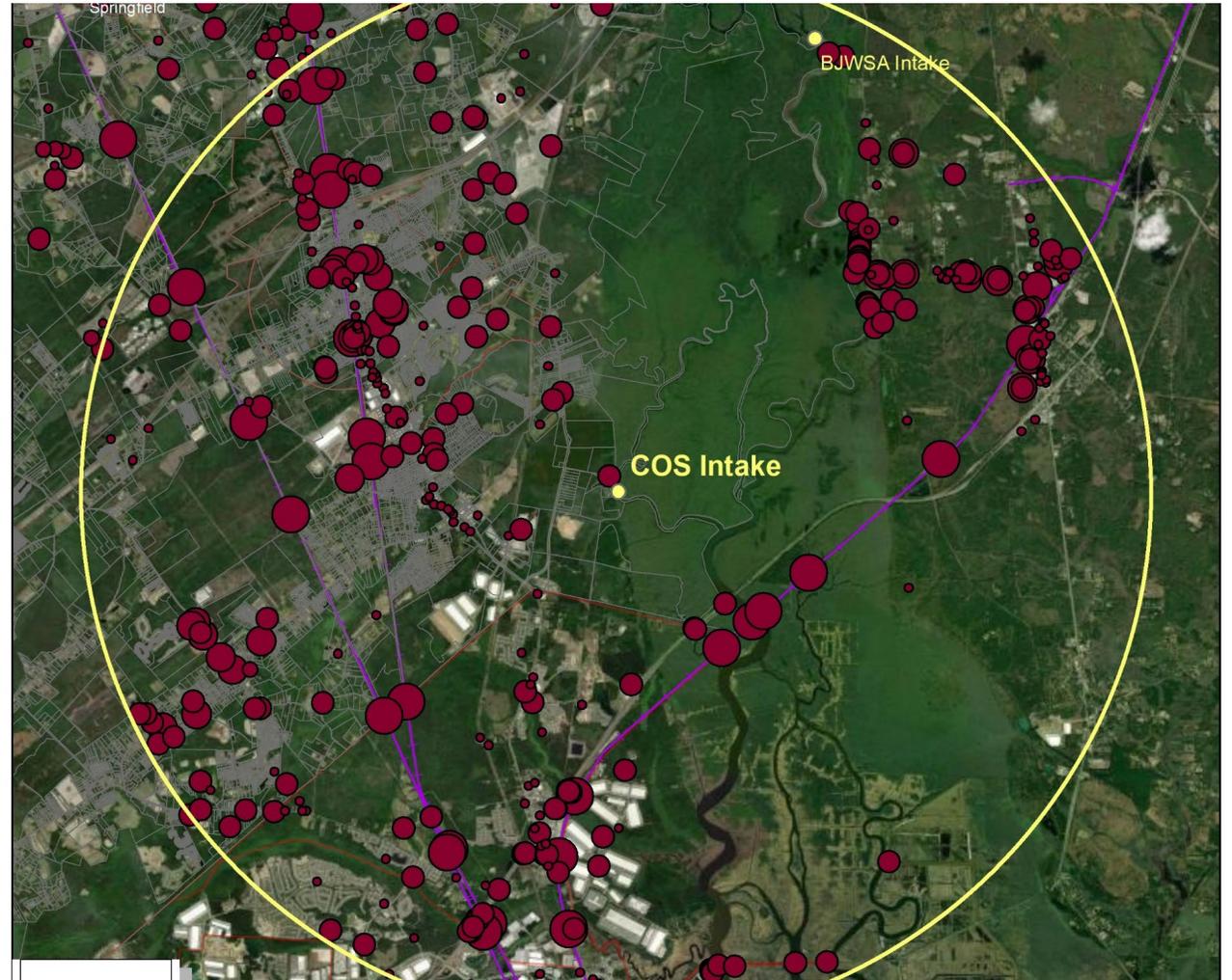
From the first assessment and Source Water Protection Plan, 2002, surrounding the City of Savannah's water intake on Abercorn Creek. The stars represent locations of PCS within the 7-mile inner management zone boundary denoted on the exhibit. The stars outside the inner zone are located within the 13-mile outer management zone. According to this assessment Abercorn Creek had a low risk of contamination.



Abercorn Creek in Effingham County is the drinking water source for over 400,000 people in Effingham, Chatham, and Bryan Counties.

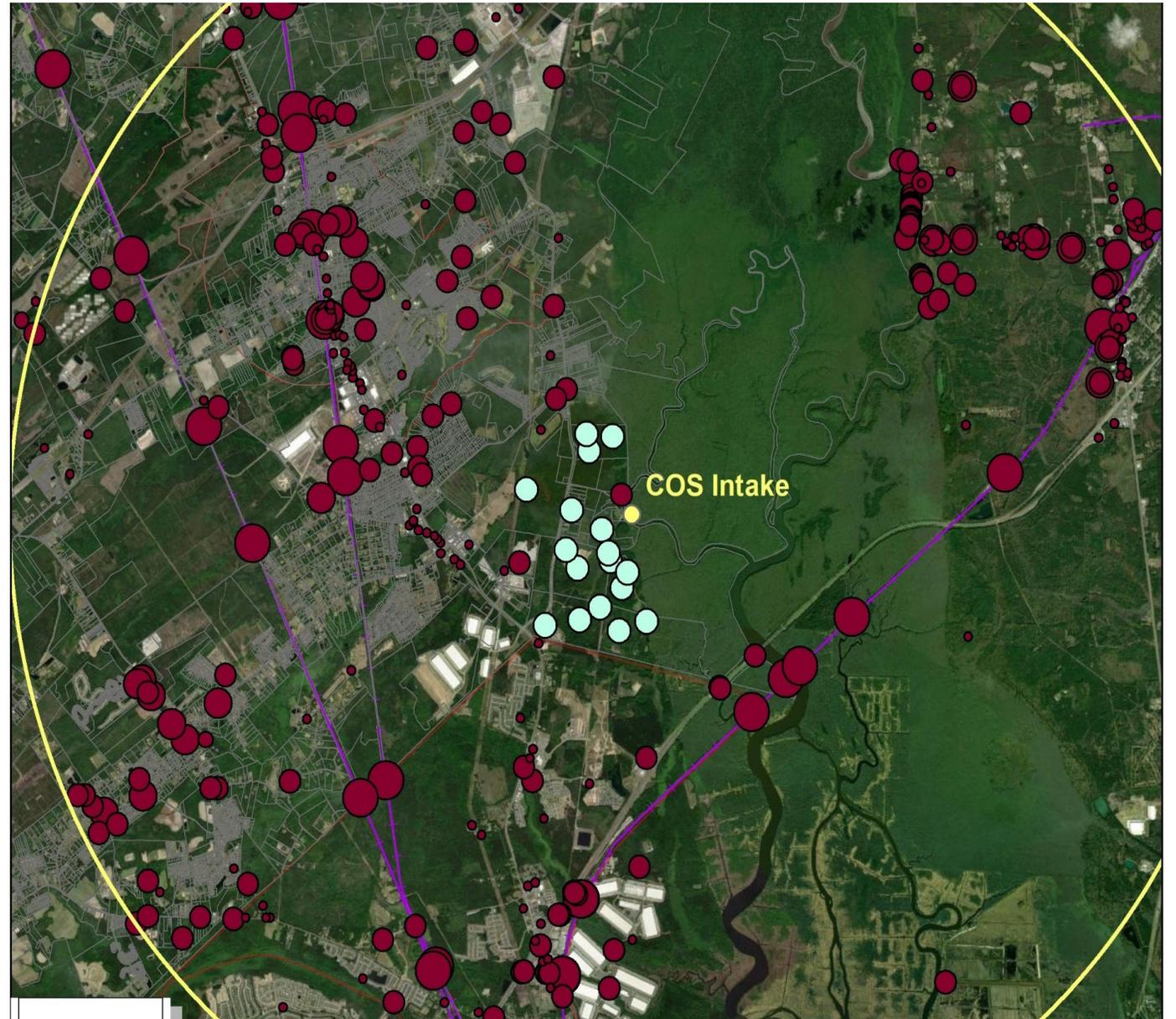
# 2019 Potential Pollution Sources

Taken from the 2017-19 update of the 2002 assessment and Source Water Protection Plan showing locations of Savannah's and Beaufort – Jasper's water intakes. This assessment included not only an update to the PCS locations, but also included the level of contamination and risk each location could pose to the intake. The larger the size of the circle representing the potential PCS the greater the risk to the intake. This assessment increased the risk of contamination from low to medium.



# 2022 Proposed Development and New Potential Pollution Sources

From the 2017-19 assessment with the City of Savannah water intake at Abercorn Creek and proposed development in Effingham County. The grey circles represent the properties where warehouses are planned and the stormwater outfalls for each. This assessment while maintaining the overall medium risk level, increases the high risk sources by 68%. It is extremely important to note this assessment was conservative because the plans are conceptual. If allowed to move forward these projects and their proximity to the intake could raise the overall level of risk to high.



## 2022 Contour and Potential Pollution Sources

Contours and surface flow of land near Abercorn Creek water intake. This shows the relationship of the intake to the land's surface and the flow of surface water. It clearly displays the connection to Abercorn Creek and the lack of reaction time available to respond to a spill. This increases the risk of contamination to the water supply.

