

City of Broken Arrow

Drainage Advisory Committee



PROJECT REPORT

DATE:	10/15/19
NAME:	Mr. Jorge Rodriguez and others
ADDRESS / LOCATION:	2935 N Lions Dr., Broken Arrow, OK 74012 – Stonewood Crossing
WATERSHED:	Haikey Creek – Middle Branch
ESTIMATE:	\$25,000.00
CASE:	No. 19-002

DESCRIPTION	
The backyard has a swale that runs from north to south. The sod and the underlying soils in this area are saturated. Further observations noted that the neighbor to the east has a downspout connected to a French drain. The outfall was not located. Examination of the vacant lot to the north of the property reveals what appears to be a spring. The ground water in this area does contains iron and in turn iron oxidizing bacteria. There is a slight rise in the land that could prevent surface flow to the street and directs the flow through the Rodriguez's backyard.	
BENEFIT	
Remove the water from the sidewalk eliminating the potential pedestrian hazard.	
RECOMMENDATION	
Install a French drain on the vacant lot to transport groundwater to the stormwater system on North Lions Drive.	
COMPLETED BY: PPW	DATE: 10/17/19