

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	
<p>The backyard has a swale that runs from north to south. The sod and the underlying soils in this area are saturated.</p> <p>Further observations noted that the neighbor to the east has a downspout connected to a French drain. The outfall was not located.</p> <p>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.</p> <p>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.</p>	
BENEFIT	
<p>Remove the water from the sidewalk eliminating the potential pedestrian hazard.</p>	
RECOMMENDATION	
<p>Install a French drain on the vacant lot to transport groundwater to the stormwater system on North Lions Drive.</p>	
COMPLETED BY: PPW	DATE: 10/17/19