

Civil Engineering  
GIS Mapping  
Potable Water  
Wastewater Treatment



REDACTED  
Civil Site Design  
Construction Support  
Transportation  
Wastewater Collection

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Commonwealth WWTP  
Kentucky  
Engineering Memorandum  
Date: September 1, 2022

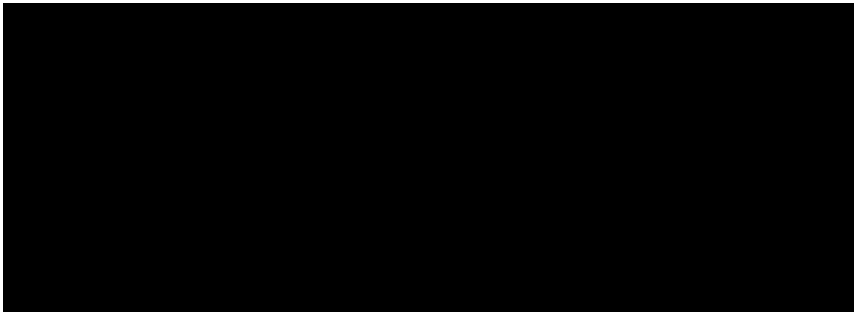
### Introduction



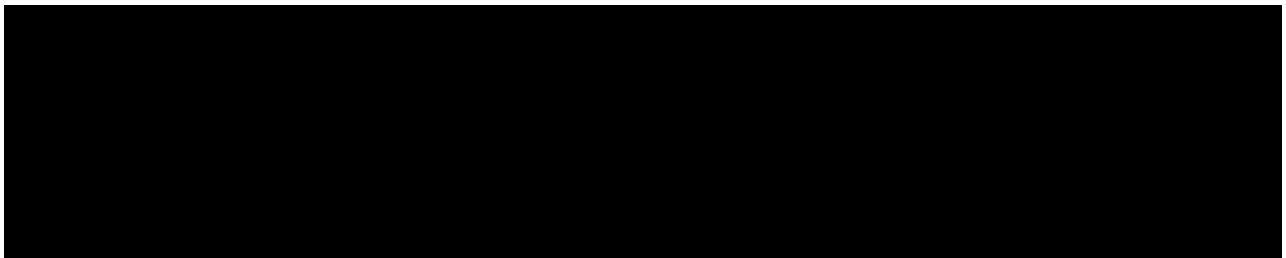
### Existing Flows and Loadings and Projections



### Wastewater Treatment Facility Existing Conditions



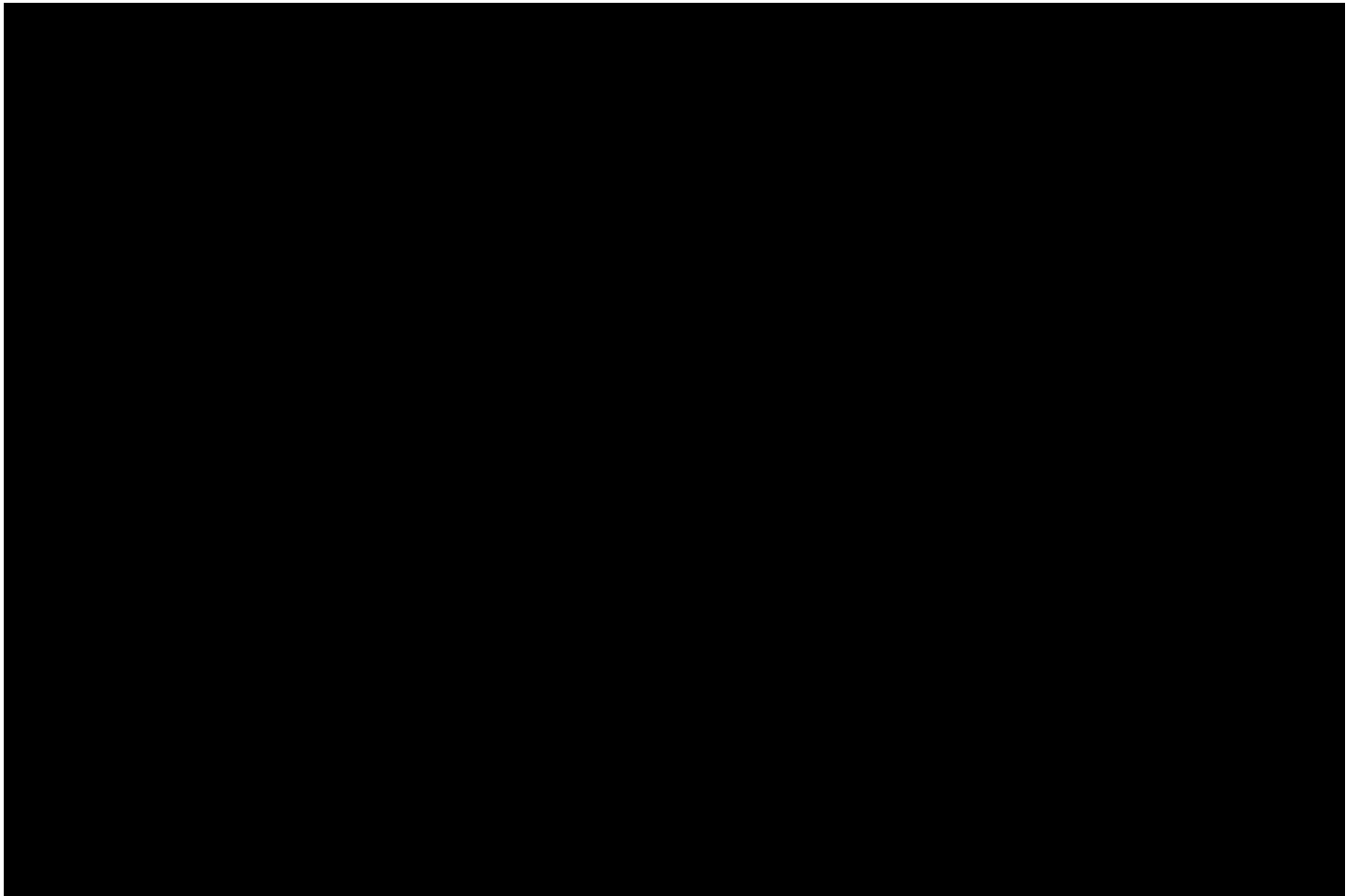
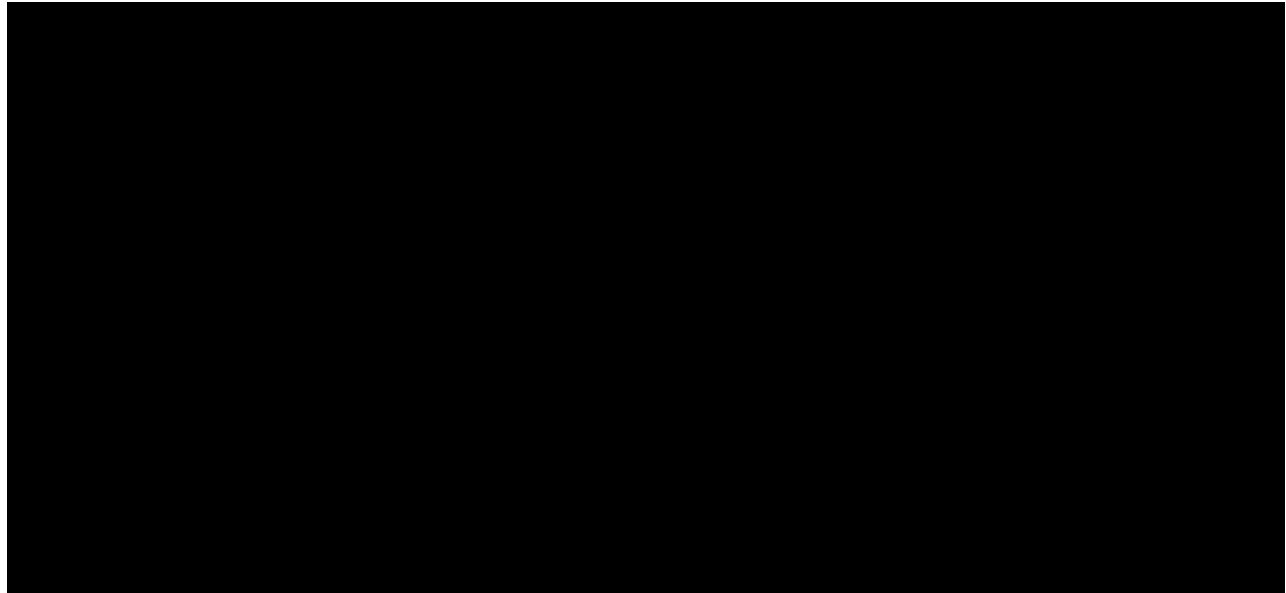
### Functionality of the Existing System



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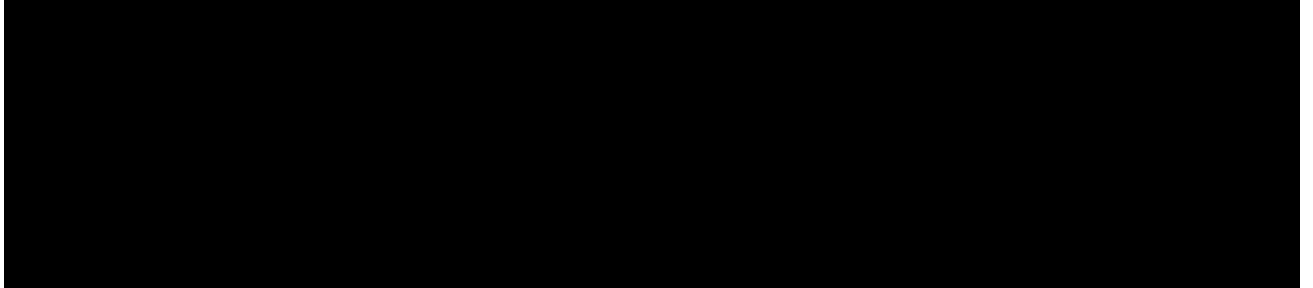
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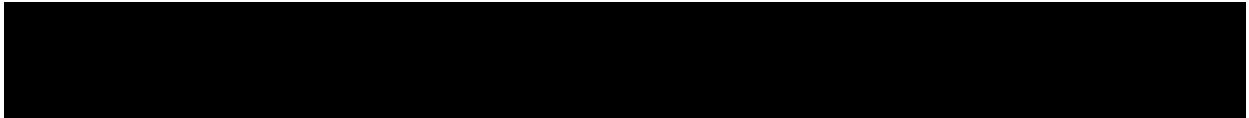
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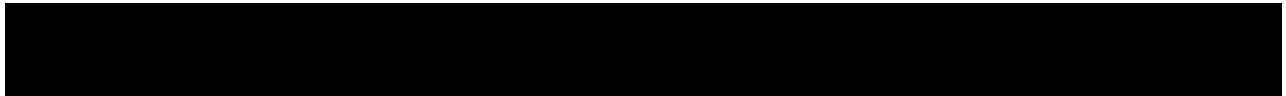
### Initial Triage Improvements Proposed



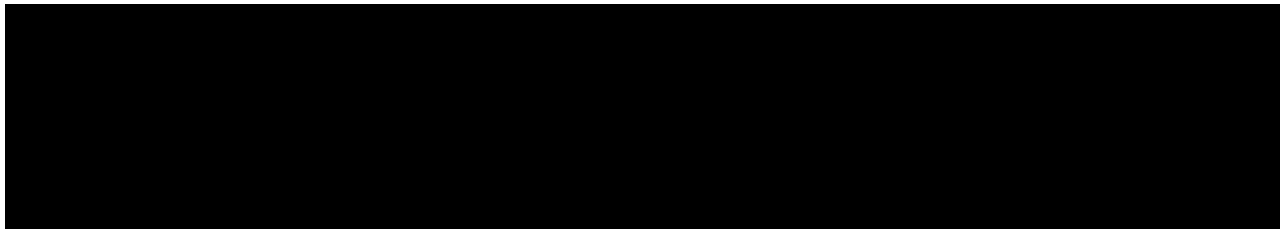
### Wastewater Treatment Facility Recommended Improvements



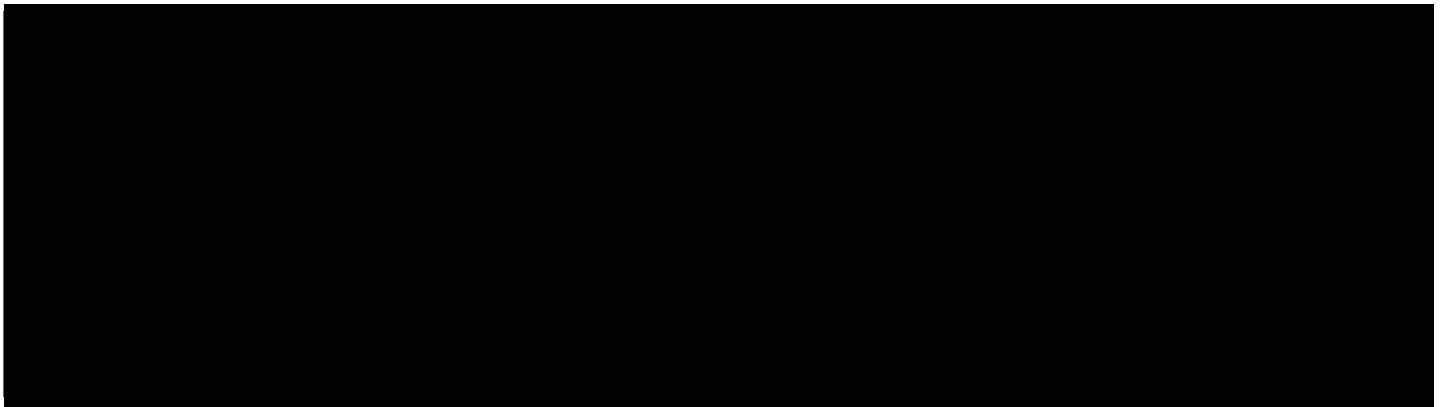
### Wastewater Collection System Understanding



### Wastewater Collection System Recommended Improvements



### Total Project Cost Estimate



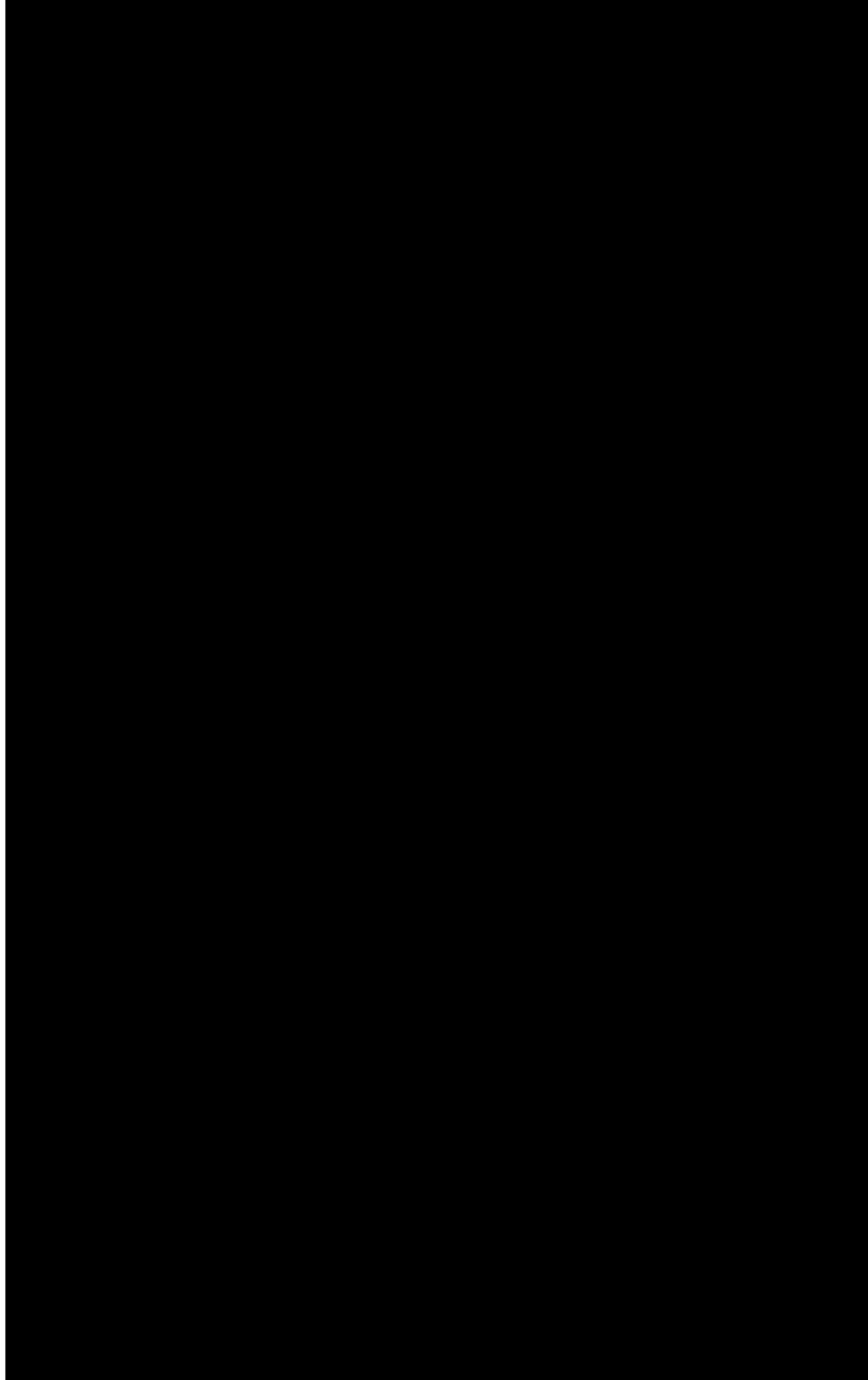
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APPENDIX



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