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# Enhancing the Representation of Wastewater Network Maps Using Graphs

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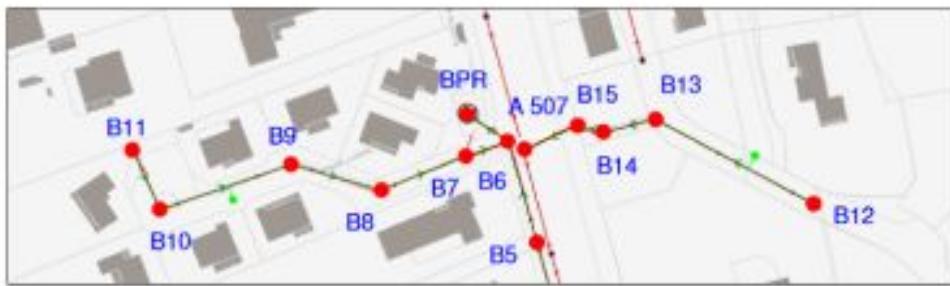
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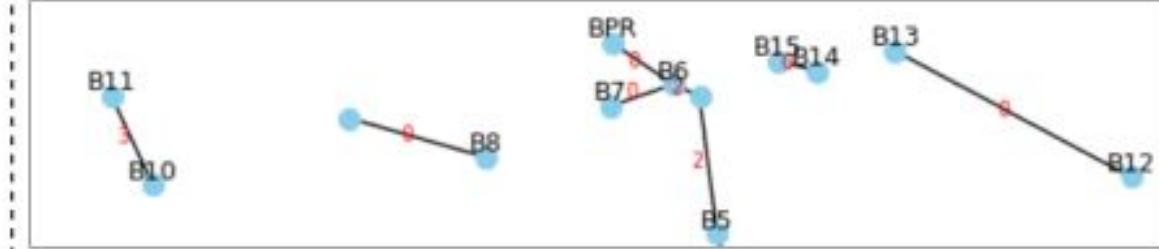
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**Input:** Image maps with information about wastewater network



**Output:** Graph representing wastewater network



Detecting network components

OCR,  
Template matching,  
Hough,  
etc.



Associating network components

Association  
algorithms,  
RegEx,  
Isolated nodes