



Upper Thompson Ditch: Wateredged (33)

UPPER THOMPSON DITCH AREA SCHEMATIC – PROPOSED SYSTEM IMPROVEMENTS

Report Schem. of Terre Haute Rev 9-11.dwg 1

CITY OF TERRE HAUTE, INDIANA
 SANITARY SEWER MASTER PLAN
 UPPER THOMPSON DITCH AREA SCHEMATIC
 PROPOSED IMPROVEMENTS



FIGURE
 22

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Increase Capacity of Watertree Lift Station

- The Watertree Lift Station is located west of the intersection of Watertree Road and Waters Edge Court. Projected flows indicate that the Watertree Lift Station would need to be enlarged to accommodate flows from existing homes in Sub-basin 33 and from future residential development in Sub-basin 34 near the intersection of Hulman Road and Hulman Drive.
- As un-sewered Sub-basin 34 develops, an evaluation will need to be performed to determine if the wastewater can be conveyed by gravity to the existing Water Edge collection system. If gravity flow is not possible due to inadequate depth of existing sewers, a new lift station will be required to serve Sub-basin 34. Either means of conveyance will require the enlargement of the Watertree Lift Station.
- An alternative for serving Sub-basin 34 would be to direct flow to the existing NW Corner Hulman Dr. and S.R. 46 Lift Station. This alternative would require an additional evaluation of the requirements for the Poplar Street Interceptor improvements.

Description	Unit	Estimated Quantity	Unit Cost	Estimated Capital Cost
<i>Enlargement of Watertree Lift Station</i>				
Lift Station Enlargement	L.S.	1	\$130,000	\$130,000
Surface Restoration	L.S.	1	\$2,000	\$2,000
Estimated Construction Cost:				\$132,000
15% Construction Contingency:				\$19,800
Est. Non-Construction Costs @ 25%:				\$33,000
Estimated Total Project Cost:				\$184,800