

Scott Lindebak
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Re: Willow Creek Estates 2nd Addition

Mr. Lindebak,

This letter and its enclosures shall serve as a supplement to the drainage report already submitted for the above referenced project. The purpose is to provide a response or required information for all items on the Final Drainage Submittal Checklist not addressed by the drainage plan already submitted.

The plan shall incorporate BMP's as required by the SWPPP to be submitted to the State of Kansas before construction begins. More detailed information regarding the location type and number of BMP's will be provided in the NPDES permit application for this project.

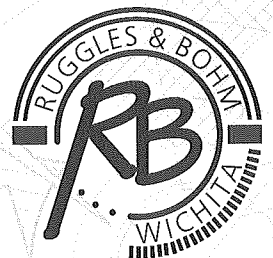
The enclosures include revised Drainage and 4-Corner Lot Grading Plans, StormCAD profiles of proposed storm sewers, inflow and outflow hydrographs for the detention ponds, and the completed Drainage Plan Checklist.

Please do not hesitate to contact me with any questions or requests for additional information.

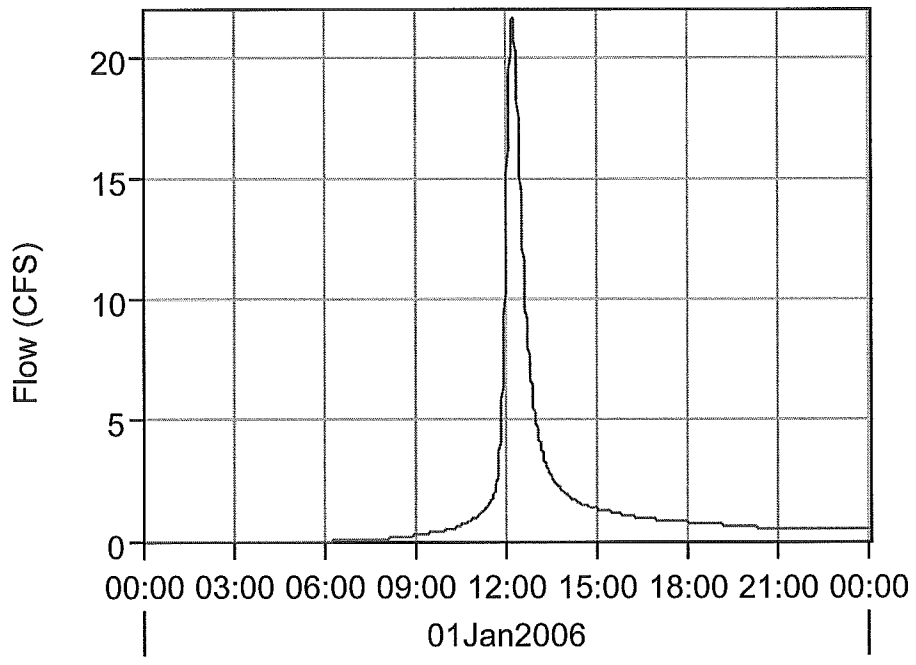
Sincerely,



Alex M. Lane, P.E.
RUGGLES & BOHM P.A.

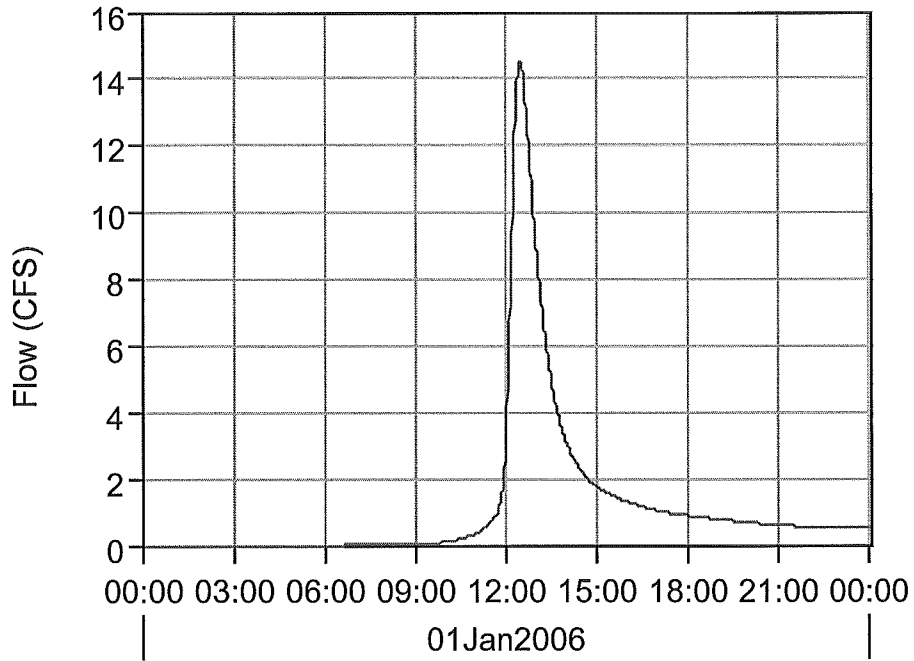


Pond 2 - 2-year Inflow



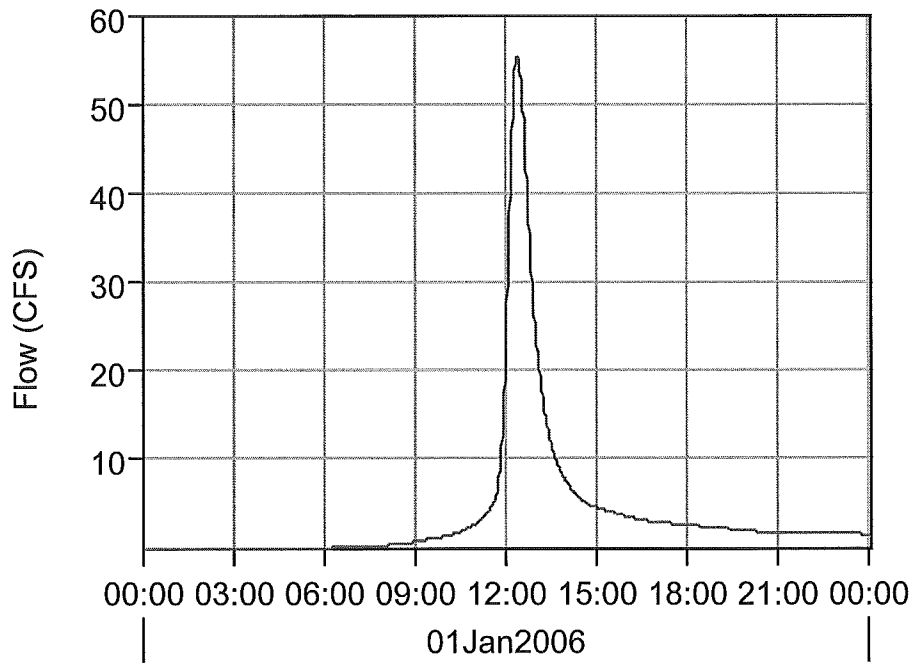
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Pond 2 - 2-year Outflow



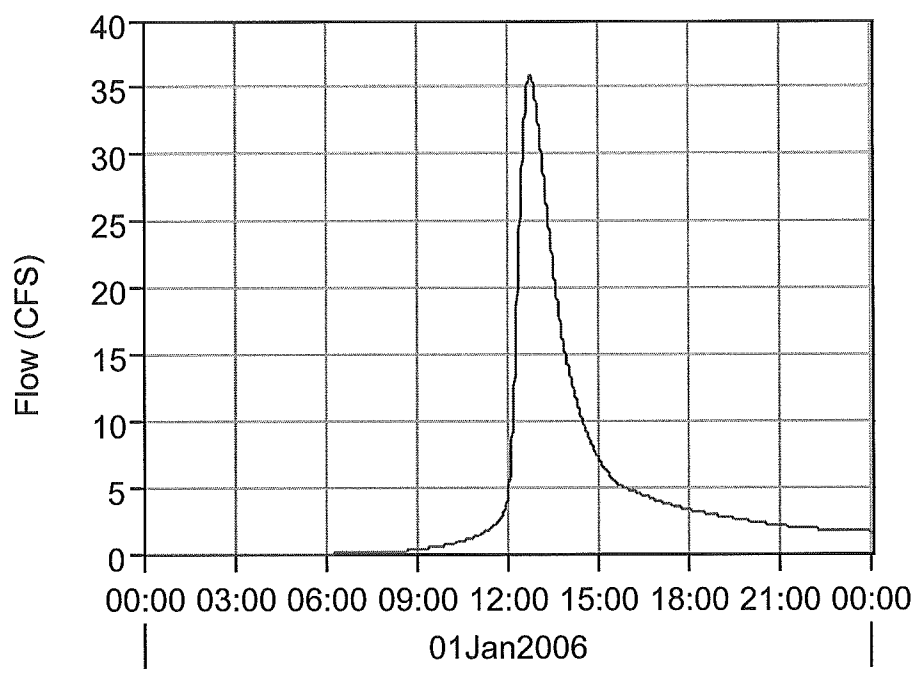
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Pond 3 2-year Inflow



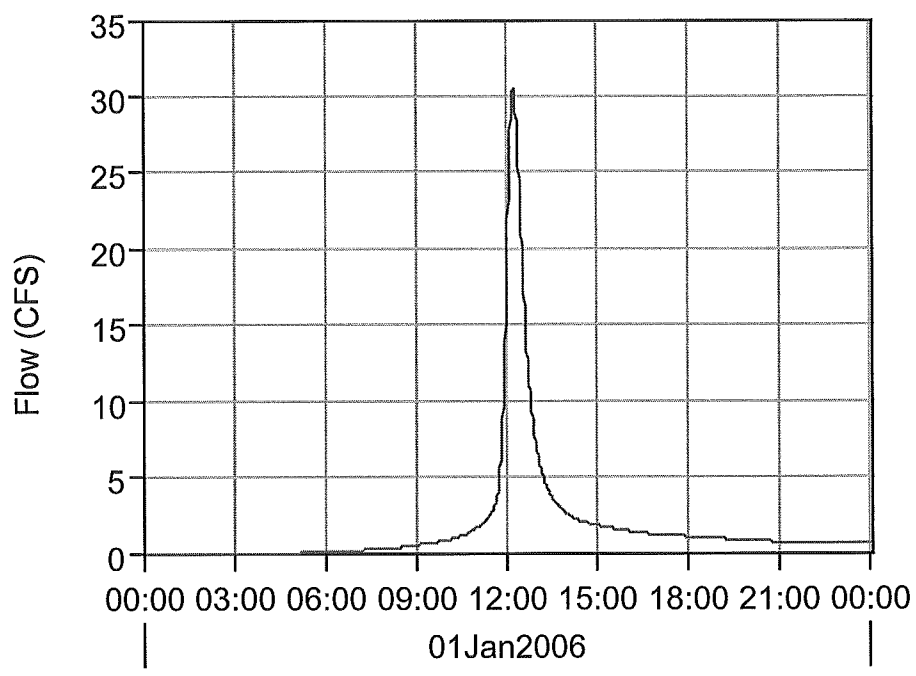
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Pond 3 2-year Outflow



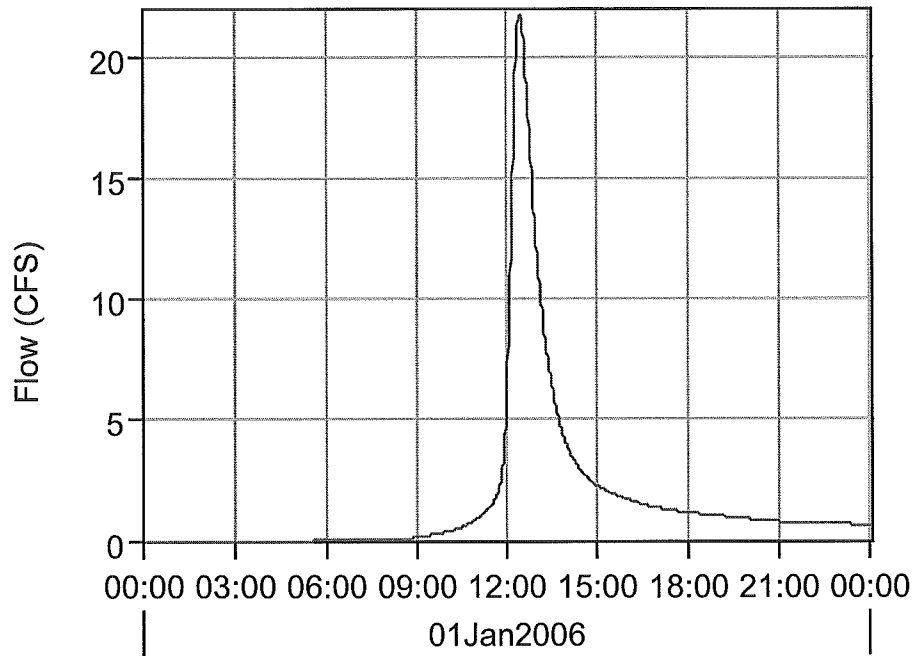
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Pond 2 5-yr Inflow



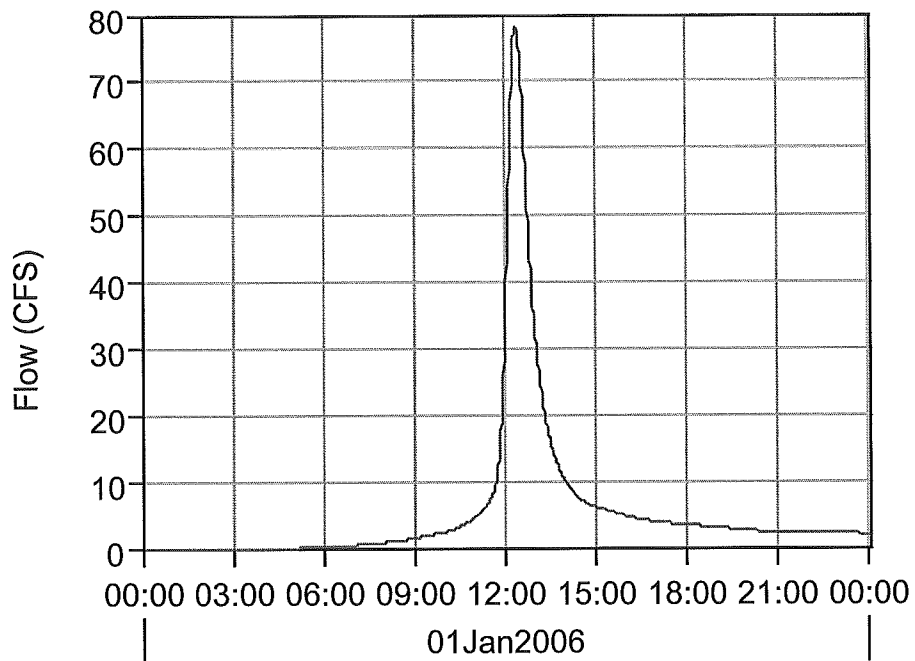
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Pond 2 5-yr outflow



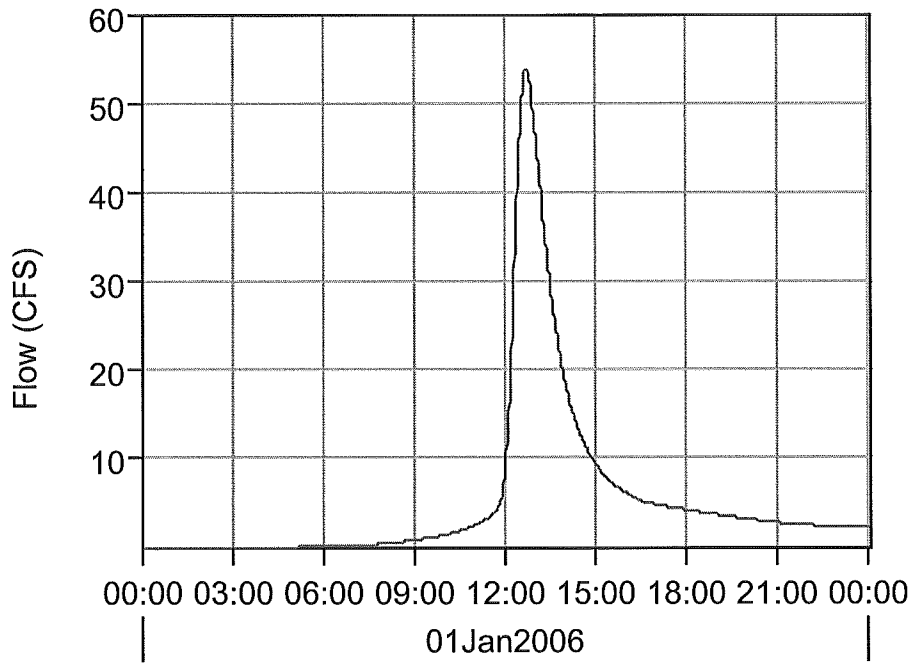
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Pond 3 5-yr inflow



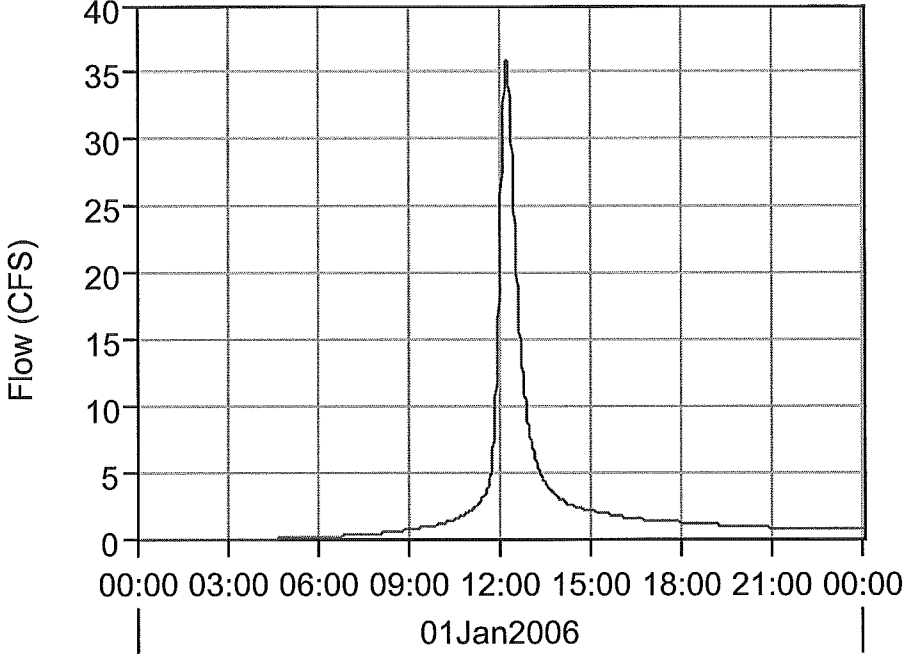
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Pond 3 5-yr Outflow



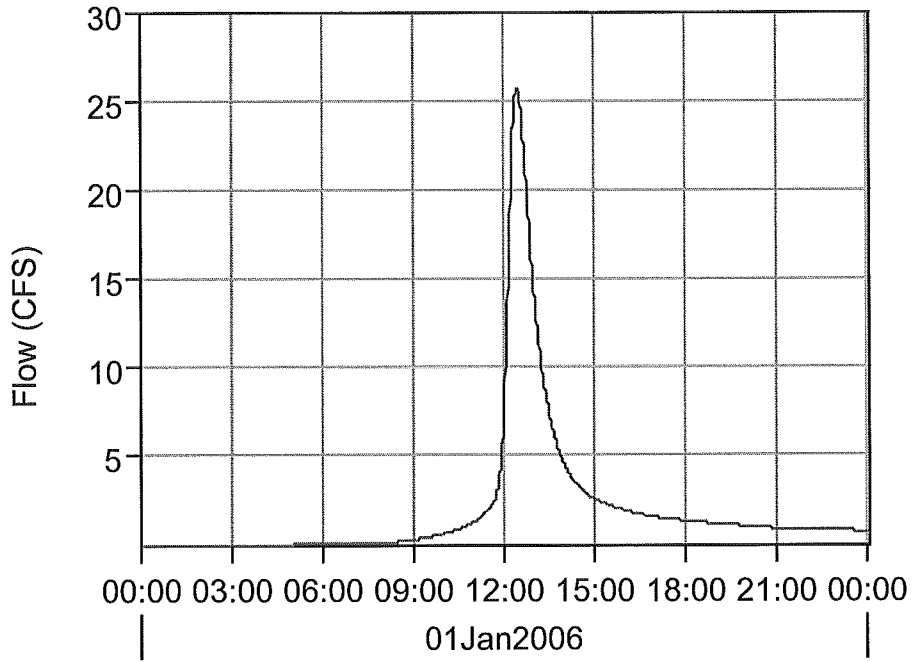
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Pond 2 10-year Inflow



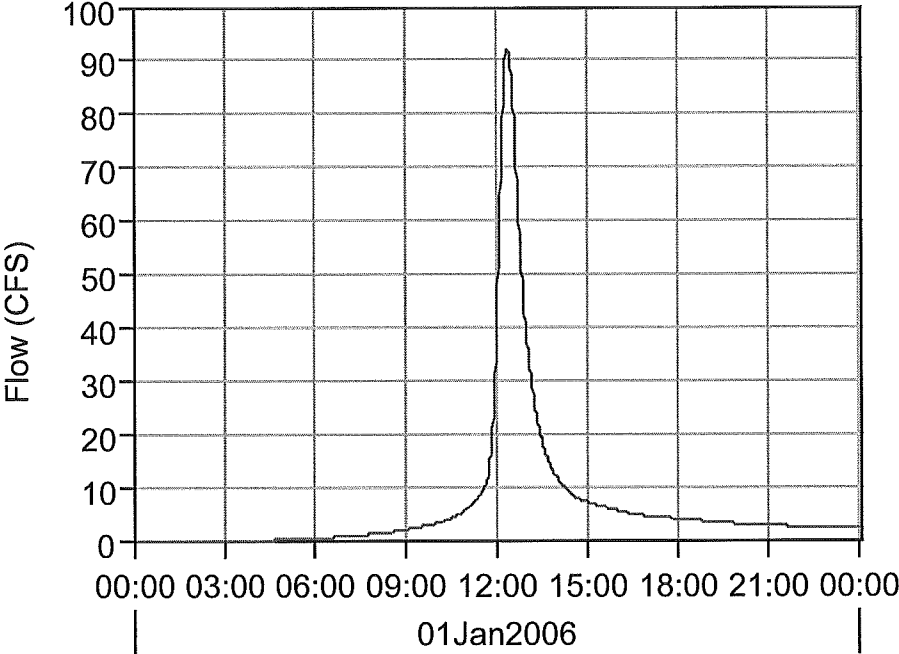
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Pond 2 10-yr Outflow



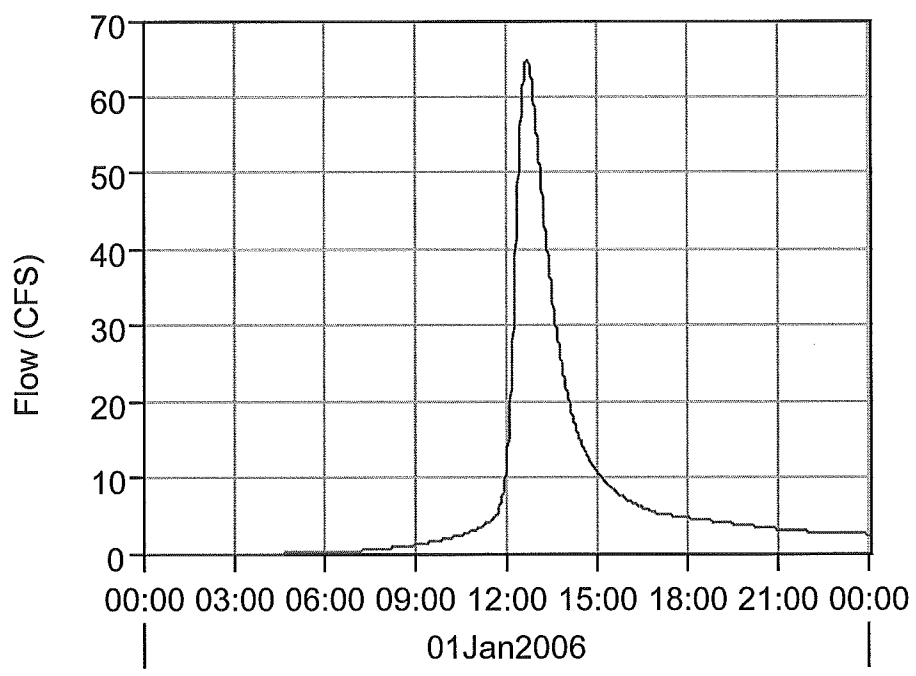
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Pond 3 10-yr Inflow



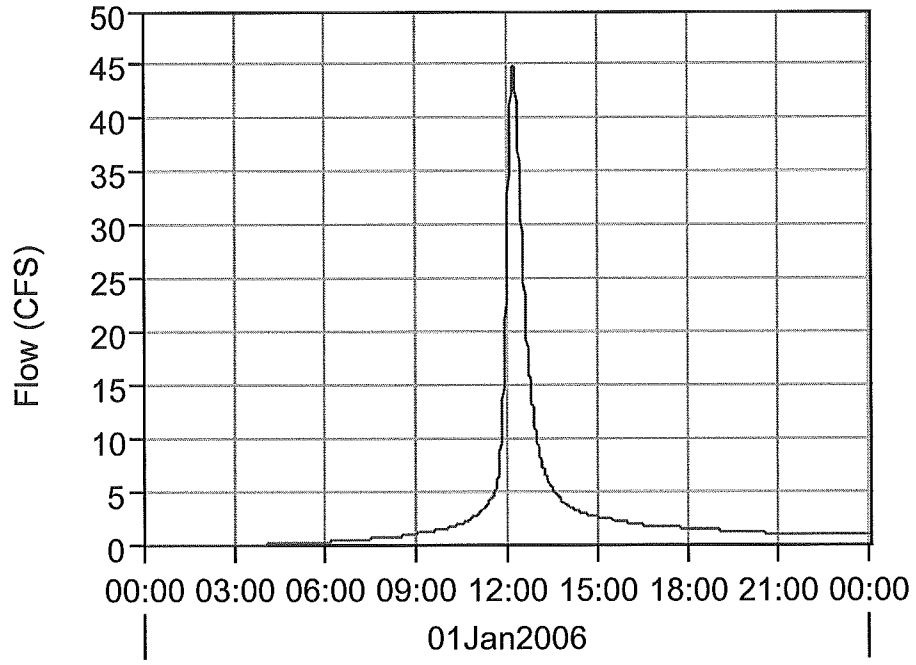
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Pond 3 10-yr Outflow



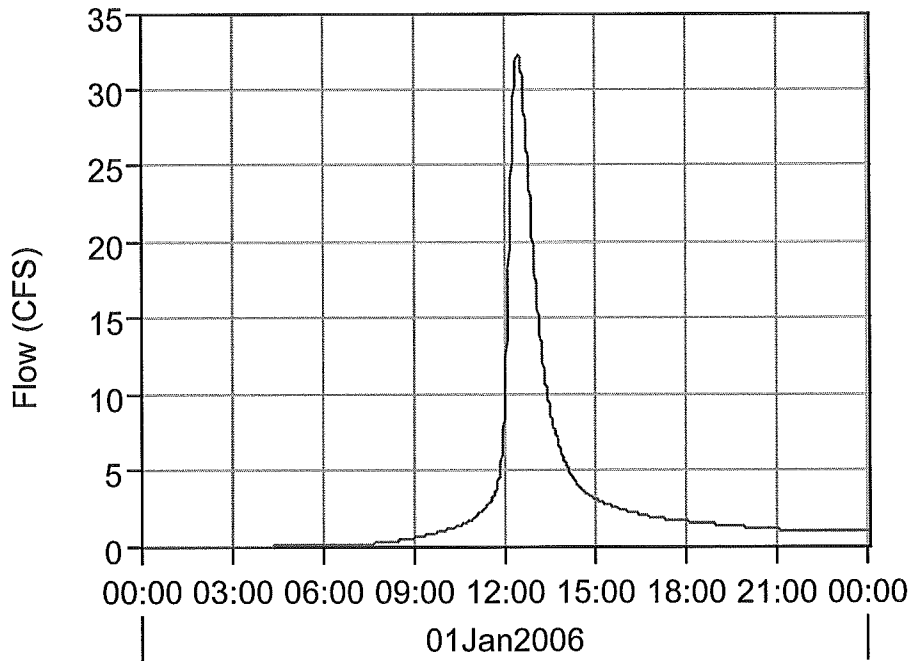
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Pond 2 25-yr Inflow



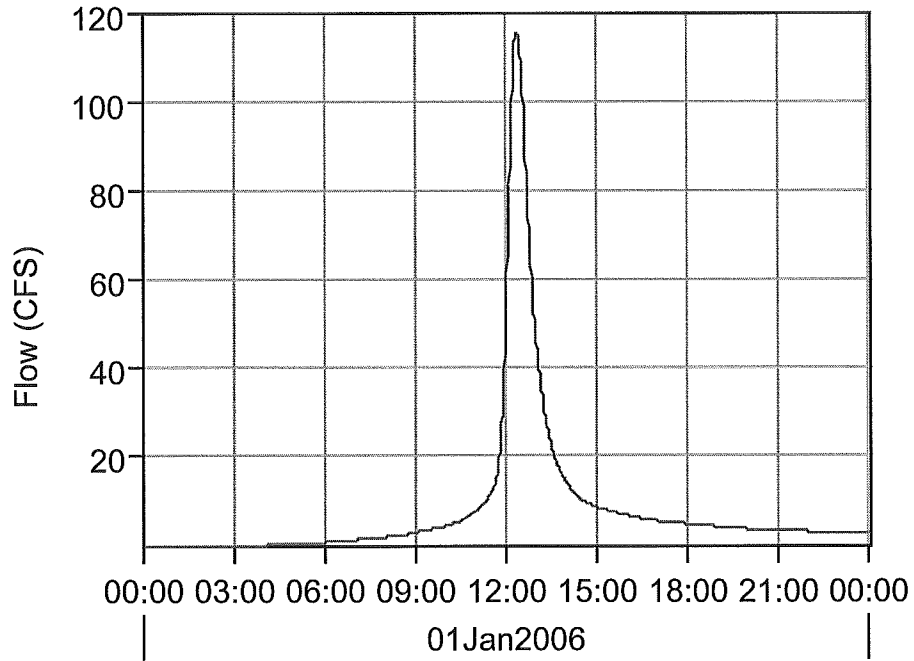
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Pond 2 25-yr Outflow



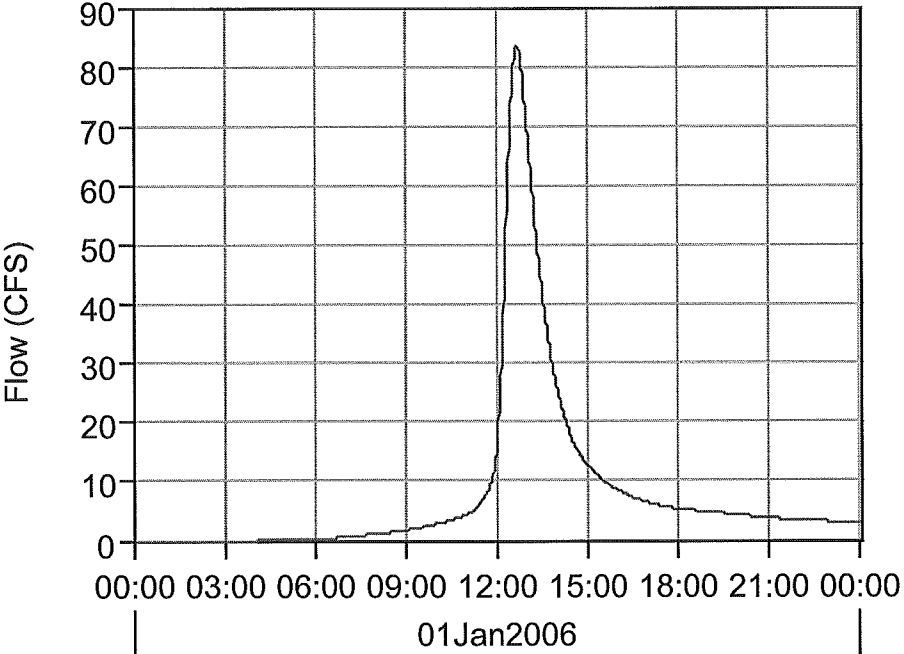
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Pond 3 25-yr Inflow



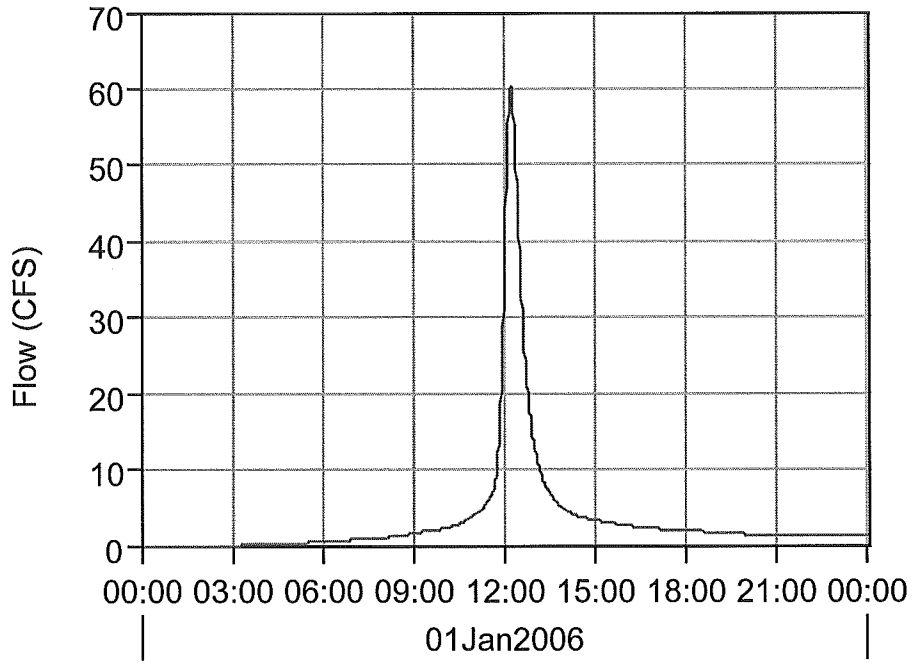
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Pond 3 25-yr outflow



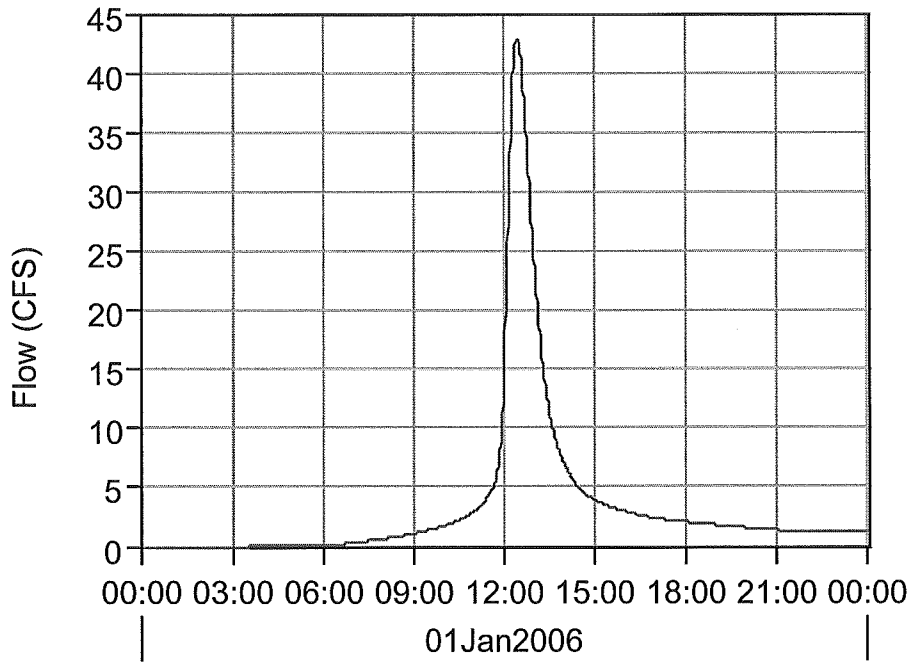
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Pond 2 100-yr Inflow



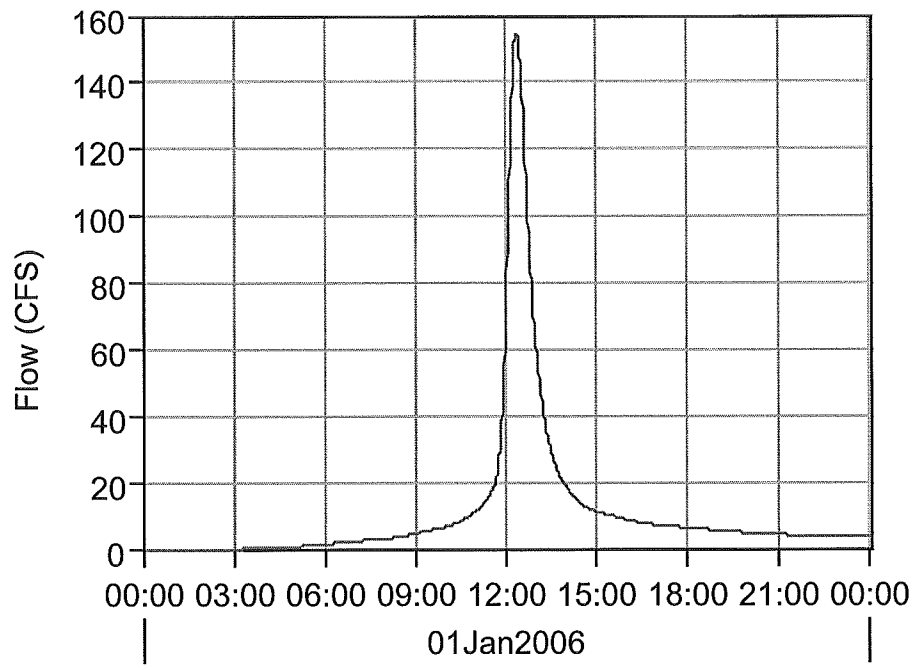
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Pond 2 100-yr Outflow



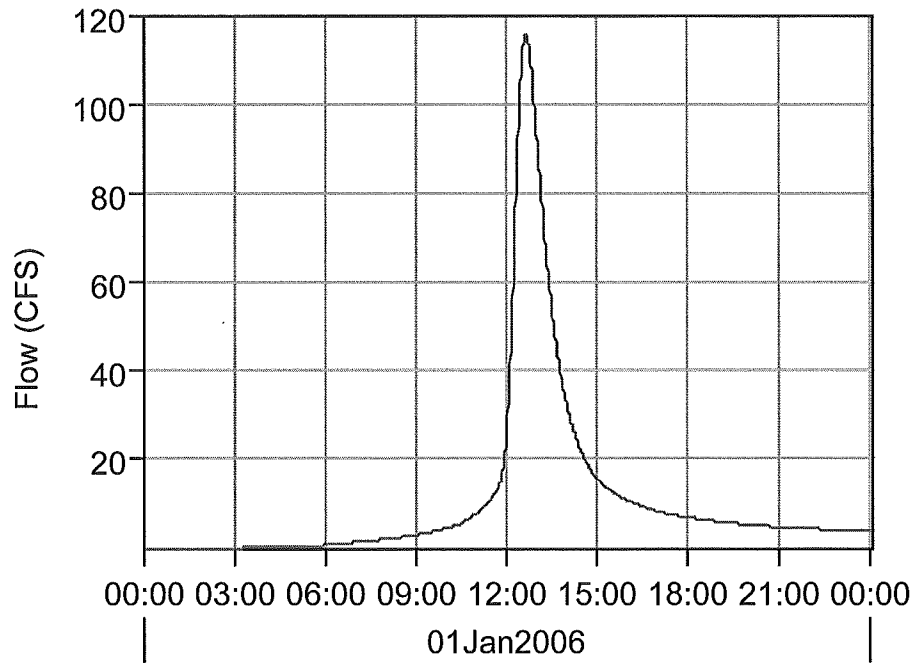
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Pond 3 100-yr Inflow



Run:PROP 100 Element:POND 3 Result:Combined Inflow

Pond 3 100-yr Outflow



Run:PROP 100 Element:POND 3 Result:Outflow