

**QUALITY OF RUNNING WATER IN SOME AREAS  
OF CHIANG MAI BASED ON CHEMICAL CRITERIA**

**MANASA NAPATTALUNG**

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
MASTER OF SCIENCE  
IN ENVIRONMENTS RISK ASSESSMENT  
FOR TROPICAL ECOSYSTEMS**

**GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY**

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