ENVIRONMENTAL SCREENING 1986/87 ACTIVITIES WATER RESOURCES BRANCH ONTARIO REGION

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## **Environmental Screening**

## 1986/87 Activities

## Water Resources Branch, Ontario Region

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#### 1. Introduction

This is the second report describing formal environmental screening procedures have been applied to WRB, Ontario Region activities, as required under the Federal Environmental Assessment and Review Process (EARP). The first report was prepared on 85/86 activities. Guidelines developed by the Water Planning and Management Branch, Ontario Region were again followed in the screening process. These guidelines included in Appendix 1 also give some background to EARP and provide definitions as well as describing the screening process to be used for IWD, Ontario Region activities.

The purpose of this report is to describe WRB activities which have a potential environmental effect and to provide background documentation for decisions made regarding screening and mitigative measures. This documentation is available to other agencies and the public upon request.

#### 2. Description of WRB Activities

WRB constructs, operates, and maintains a network of approximately 370 discharge stations and 14 water level stations. The sediment network consists of about 40 full-time, seasonal, and miscellaneous stations. Funding of the network is cost shared with the provincial ministries of Natural Resources and Environment, as well as Ontario Hydro. Thirty-four tides and water level stations are also operated for the Department of Fisheries and Oceans. Data collected from the network are reduced, archived, and published according to standard procedures. In recent years, there has been a greater emphasis placed on the need for real-time data and telemetry devices have been installed at a number of stations on request.

The Branch has its own construction section which plans and constructs new stations and carries out major maintenance and upgrading of existing stations. Since this is the most common activity which will require formal screening, it is necessary to briefly describe the essential features of a gauging station and its construction.

The site for the station selected must have channel characteristics at it or near it which will produce the hydraulic conditions necessary for maintaining, to the best degree possible, a fixed relation between stage and discharge. When possible, existing access roads are used, but in some cases, access roads must be constructed. For remote stations, small areas usually have to be cleared for helicopters to land.

The station itself consists mainly of a stilling well, intakes, a shelter, and instrumentation. A small "look in" shelter resembling a "dog-house" is used when the instrumentation consists only of a Stevens A-71 analogue recorder. Walk-in shelters are used when additional instrumentation has to be accommodated. They are Armco type metal buildings placed on a concrete pad and are about 1.6 m. square. At some sites, where conditions are not suitable for stilling wells, bubbler gauges called servomanometers are used.

Construction of the station consists mainly of clearing a small area, excavating with a backhoe, placement of the stilling well and intake lines or bubbler tubes in a trench (in the case of a bubbler gauge), erection of the shelter and back filling. Electrical and telephone services may have to be brought in, depending upon the purpose and location of the station. At some stations, erection of cableways are necessary to permit discharge measurements.

In order to improve the stage/discharge relationship, artificial controls and weirs are sometimes used. They consist of steel sheeting, concrete or timber. Bank stabilization may also be necessary to prevent erosion and improve channel characteristics. Although these measures apply to small streams and any environmental effects are localized and of short duration, this type of activity needs the most consideration and scrutiny to ensure impacts are minimized. Of prime importance is any impacts associated with fish spawning and migration and it is therefore necessary to consult with the appropriate agencies prior to construction.

In 1986/87, WRB plans to carry out 24 major construction projects ranging from installation of a new station to upgrading or modifying an existing station. In some cases, projects may be deleted or added, depending upon availability of funds from other agencies and emergency situations. For projects that are added, the normal screening process will apply and the screening register and report will be completed before the project commences. Any changes to plans or additional screening reports will be included in the next year's activity screening report of the Branch.

### 3. Procedures and Screening Decisions

Screening procedures were carried out in accordance with the guidelines in Appendix 1. Branch work plans were reviewed to determine which activities required formal screening (Appendix 2). This review resulted in the following activities being identified for more formal screening.

- 1. Construct 6 sydrometric stations on watersheds as part of the Ontario Soil and Water Quality Enhancement Program.
- 2. Construction, upgrading and maintenance of gauging stations.

The following is a list of projects which underwent formal screening. Screening registers and reports for each project are included in Appendix 3.

#### Registry of Water Resources Branch Activities Screening for Environmenal Effects

| Activity Register Number | Activity Identification  |               |
|--------------------------|--|---------------|
| WRB-86-001               | Construction of gauge well - Wye                                 | River         |
| -002                     | " " " - Cati   | fish Creek    |
| -003                     |  | ntryre River  |
| -004                     |  | ver Creek     |
| -005                     | " " " - Saul   | ole River     |
| -006                     |  | cs Creek      |
| -007                     | " " " - Curi   | rent River    |
| -008                     | " " " - Lit1   | tle River     |
| -009                     |  | aster Creek   |
| -010                     |  | ite Creek     |
| -011                     | Construction of a gauge shelter                                  |               |
|                          |  | tagami River  |
| -012                     |  | teman's Creek |
| -013                     | ·  | tville Creek  |
| -014                     | Construction of Artificial Contro                                |               |
|                          | - Whit   | tson River    |
| -015                     | Bank Stabilization - N.W.  | Ganaraska R.  |
| -016                     |  | roit River    |
|                          |  | umseh)        |
| -017                     |  | roit River    |
|                          | (LaS   | Salle)        |
| -018                     |  | le Creek      |
| -019                     |  | nanda River   |
| -020                     | •  | Mary's River  |
| -021                     |  | pewa Creek    |
| -022                     |  | ield River    |
| -023                     |  | nechere River |
| -024                     | Construction of 6 new Stations unspecified locations in S.W. Ont | s (SWEEP) at  |

#### 4. <u>Conclusions</u>

All adverse environmental effects for WRB projects were deemed as not being significant and decisions were made to proceed without mitigating measures in most cases. Mitigative measures to be followed for specific projects included: bank stabalization to reduce sediment sources and minimizing duration of construction activity. It is concluded that all WRB activities for 1986/87 can proceed as planned.

# $\underline{A} \ \underline{P} \ \underline{P} \ \underline{E} \ \underline{N} \ \underline{D} \ \underline{I} \ \underline{X} \qquad \underline{\mathbf{1}}$

INLAND WATERS DIRECTORATE
ONTARIO ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS
ENVIRONMENTAL SCREENING GUIDES

### INLAND WATERS DIRECTORATE - ONTARIO REGION

# ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS INITIAL ASSESSMENT

### ENVIRONMENTAL SCREENING GUIDELINES

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These guidelines were adopted for implementation within Inland Waters Directorate/Ontario Region by the IWD/OR Management Committee at their meeting on 26 September 1984.

#### INLAND WATERS DIRECTORATE - ONTARIO REGION

ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS
INITIAL ASSESSMENT
ENVIRONMENTAL SCREENING GUIDELINES

#### 1. INTRODUCTION

#### 1.1 Background

The FEDERAL ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS (EARP) embodies Canada's policy on environmental assessment as it relates to the <u>activities</u> of the federal government. The purpose of the Process is to ensure that the environmental consequences of all federal projects, programs and activities are considered before any commitments or irrevocable decisions are made. Federal projects are those undertaken or sponsored by a federal department, those for which federal funds are or will be provided, and those involving federal property.

All federal departments and agencies are bound by the Process with the exception of proprietary Crown Corporations and federal regulatory agencies, which are invited, rather than directed, to participate in the Process. The Process is based essentially on the principle of self-assessment. Departments and agencies are responsible for assessing the environmental consequences of their own projects or activities (ie. those for which they have decision-making authority) and those for which they assume the role of initiator, and for deciding on the significance of the anticipated environmental effects.

The Department of Environment's (DOE) commitment to EARP is defined in the 1980 policy document, "The DOE Role in the Federal Environmental Assessment and Review Process". In accordance with this policy statement and within the framework of EARP, each service is required to apply environmental screening or initial assessment to all of its program activities. The purpose of the present guidelines is to provide for

a consistent approach by <code>INLAND WATERS DIRECTORATE/ONTARIO</code> <code>REGION (IWD/OR)</code> staff in screening program <code>activities</code> and documenting screening decisions.

These guidelines will be revised periodically, as required, on the basis of experience and comments from reviewers and users in order to ensure improvement and pertinence at all times.

## 1.2. Background Documentation and Related Authorities

The following documents provide useful background to the Environmental Assessment and Review Process and to the formulation of these guidelines:

- 1) <u>Environmental Assessment and Review Process Guidelines Order-in-Council</u>. June 1984.
- 2) Cabinet Directive on EARP. 1973 (amendments, 1977).
- 3) The Department of Environment Role in EARP. DOE. June 1980.
- 4) <u>Draft Guidelines on Procedures for Screening of</u>
  Departmental <u>Projects</u>. DOE. 1982.
- 5) <u>Draft Environmental Conservation Service Environmental Screening guidelines</u>. ECS. 1982.
- 6) Revised Guide to the Federal Environmental Assessment and Review Process. FEARO. 1978.
- 7) Guide for Environmental Screening. FEARO. 1978.

#### 2. SCOPE OF APPLICATION

This document delineates the manner by which DOE and ECS guidelines are to be applied to program activities conducted and managed by Inland Waters Directorate. Ontario Region. It addresses only the initial assessment/environmental screening stage of EARP and not the public review/environmental impact statement stage.

Pursuant to the EARP Guidelines Order-in-Council, initiating departments are required to consider in their screening evaluation:

- a) the potential environmental effects and social effects directly related to those environmental effects, including effects external to Canadian territory;
- b) the concern of the public regarding the proposal/activity and its potential environmental effects;
- c) with approval of the Minister-DOE, general socioeconomic effects, technology assessment, and project/activity need.

Environmental screening applies to all activities of IWD/OR. Such activities include but are not limited to:

- programs, research, and development projects as described in annual workplans or other pertinent operational plans;
- activities which may have environmental effects on an area of federal responsibility;
- projects contracted or otherwise assigned to other government services or departments or to outside agencies such as a private company or consultant;
- operational activities funded jointly with another service, department, other level of government, or an outside agent.
- activities located on lands, including offshore, that are administered by the federal government.

#### 3. DEFINITIONS

Several specific terms are used throughout this document. These are defined to facilitate interpretation of the guidelines.

<u>Activity</u>- a project, study, or undertaking for which federal funding is to be provided after these guidelines come into effect, or an undertaking that involves federal property or facilities.

<u>Preliminary Screening</u>- a positive or negative declaration resulting from an undocumented value judgement by the initiator as to whether the proposed action or activity has environmental implications with a potential for adverse environmental effects.

<u>Formal Screening</u>—a process carried out at the earliest stages of planning to provide the initial documentation and evaluation of environmental effects associated with a proposed activity. Formal screening is conducted using published and unpublished information.

<u>Initiator</u>— a manager at the level of the financial Responsibility Centre (RC) who intends to undertake or sponsor an activity. The RC manager is responsible for all screening decisions at the initial assessment level.

<u>Proponent</u>- a federal department, service, or agency (including IWD/OR), provincial government ministry or agency, or a private individual or organization intending to undertake an activity under the sponsorship of IWD/OR or the federal government as represented by IWD/OR.

Regional Screening and Coordinating Committee (RSCC) - DOE regional committee responsible for coordinating and auditing the application of EARP within regional agencies of DOE. Composed of one representative from each agency of DOE/Ontario Region.

Regional IWD EARP Coordinator- delegated officer responsible for coordinating EARP implementation within IWD/OR. Also, the IWD representative on the Ontario RSCC.

#### 4. PROTOCOL

In assisting DOE to fulfill its EARP commitments on proposals/activities for which it has decision-making authority, IWD/OR is responsible for ensuring that its own activities are subjected to intitial assessment/environmental screening.

In federal-provincial and international agreements where IWD/OR may be the lead federal party, it is the responsibility of IWD/OR to ensure that such agreements reflect the principles of EARP or that the federal Process is fully implemented, and that all agreements clearly define the environmental obligations of each party.

The implementation of environmental screening within IWD/OR should be undertaken duly recognizing the right of the public to have access to information and the opportunity to respond to proposals in accordance with the spirit/principle of the Access to Information Act.

Environmental screening procedures begin when planning for an activity is initiated, typically when annual workplans are being formulated. The first step in the procedure consists of a <u>Preliminary Screening</u> at which stage the initiator/RC manager will make a conscious decision regarding potential environmental effects of the proposed activity. If no adverse effects are perceived, further EARP-related action is not required and the screening procedure ceases. If potential adverse effects are perceived, the activity must undergo <u>Formal Environmental Screening</u>. A generalized flow-chart illustrating environmental screening procedures for IWD/OR is provided for reference in Appendix 1.

#### 5. ENVIRONMENTAL SCREENING

Fairly broad criteria may be used in the initial assessment/environmental screening stage to arrive at a decision concerning a proposed activity. The following provides a guide; however, the level of screening may determine the extent to which such criteria are applied:

- Overall, the main criterion to be applied is whether the activity will result in a significant change in the environmental values or conditions of the area in which it is undertaken and any adverse social impacts. The decision will also depend upon the initiator's assessment of:
  - (i) the nature, overall scope, and magnitude of the activity;
  - (ii) the proposed site of application importance, previous disturbance;
  - (iii) severity of potential effects;
  - (iv) extent and duration of adverse effects:
  - (v) risk of serious effects;
  - (vi) what solutions available to mitigate effects;
  - (vii) the nature and extent of public concern over the proposed activity.

#### 5.1 Preliminary Screening

(a) Initiators of activities will conduct a preliminary

environmental screening to identify whether formal screening is necessary. If federal-provincial agreements are involved, the initiator should consult with the province before determining the need for formal screening.

- (b) Where, in the opinion of the initiator, it is convenient and appropriate to do so, similar activities may be screened as a group (eq. studies within a particular project undertaking and projects within a program activity). Where federal-provincial agreements are concerned, criteria for preliminary screening should be the joint responsibility of both the federal and provincial governments.
- The preliminary screening is intended to rapidly eliminate those activities that do not require further environmental evaluation. Under the new EARP Order-in-Council, departments are required to prepare 2 lists of types of activities undertaken by the department: the first would include those which do not produce adverse environmental therefore, those which would be excluded from effects and, the second, would identify activities which are the Process: potential candidates for the Process. Pending the completion such lists whereupon screening decisions could referenced to the lists, preliminary screening is required (firstly to lay the basis for the lists and then to be applied to new, unlisted activities in the future).
  - (1) The decision is made by the initiator (who has the option of consulting with colleagues and other expert staff) as a result of his detailed knowledge of the activity or group of activities.
  - (2) Examples of categories of activities requiring no further screening or environmental impact investigation beyond the preliminary screening stage would include:
  - those required by law or government regulation to undergo provincial assessment. In such circumstances the applicable provincial process will be deemed adequate, and activitites in this category will be eliminated from further screening by the initiator. NOTE, however, that where in the best judgement of the screener, provincial processes are lacking or are not established firmly enough to be deemed sufficient, further screening is necessary.
  - those activities undertaken within the framework of an existing approved and previously screened operation or program.
  - those classes of projects which, in general, do not cause major environmental impacts and where normal planning and regulatory processes for individual

projects are sufficient to identify and mitigate minor environmental impacts.

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- research activities undertaken for the express purpose of determining environmental impact or that include environmental assessment as an integral component.
- research and operational activities of a survey, inventory, appraisal, or detection nature. Examples: water quality sampling/analysis; tological sampling/analysis for contaminants; operation/maintenance of precipitation chemistry stations, hydrometric/sediment stations, DCP's, and hydrometeorological stations; monitoring/surveillance of lake or river conditions and pollution loadings to lakes and rivers; flow measurement in interconnecting channels; aerial gamma radiation surveys.
- feasibility studies and other activities not intended to result in physical, chemical, or biological alterations to the environment. Examples: Flood Damage Reduction Program mapping, technical studies; planning studies; hydrological modelling.
- common administrative and technical support service activities.
- (d) The result of the decision is a direct statement that formal screening is, or is not, required. The decision is to be recorded on the annual work plan: no other written substantiation is required. An example of recording the decision is provided in Appendix 2.

Annual work plans will be reviewed by the IWD EARP Coordinator to ensure that all possible activities have been addressed in this fashion and to provide an impartial check on screening decisions.

#### 5.2 Formal Screening

The formal screening process is the first documented (ខ) an activity's potential for environmental impact and, as such, is applied to all activities where preliminary screening indicates that the potential for environmental damage is present. provides the first step in determining the significance of, opportunities to mitigate, any environmental consequences, and to carry out required modifications.

- (b) The initiator is responsible for undertaking the formal screening and for making the decision to terminate it. If necessary, he should request assistance from, or consult with, the Regional IWD EARP Coordinator or the Environmental Assessment Unit of Water Planning and Management Branch (WPMB).
- (c) Examples of categories of projects requiring formal
  screening are:
  - activities monitored and regulated by established formal committees, by Acts of Parliament, or by provincial law or regulation. Example: activities bearing upon or influencing decisions on regulation of Great Lakes/St. Lawrence water levels and flows through International Joint Commission Boards of Control and Working Committees; ice boom operations; compensating works.
  - activities of an operational or research nature not carried out within the framework of an existing approved operation or program.
  - activities that involve land or watercourse alteration and construction. Examples: construction, installation, relocation, upgrading of DCP's, hydrometric, sediment, or hydrometeorological stations; construction of artificial controls in stream channels; municipal sewage facility construction; land drainage; channelization/dredging; flood control measures such as dyke construction, flood box/pump station installation; bank protection/remedial works.
  - disposal/storage of toxic substances and disposal of wastes from mobile labs; experimental works involving introduction of new chemicals into the environment such as lake enrichment, lime treatment studies.
- (d) On the basis of decisions recorded on the annual work plan by the initiator, activities identified as requiring formal screening are referred to the Regional IWD EARP Coordinator for registration and assignment of activity register numbers. The Environmental Assessment Unit of WPMB will provide support to the EARP Coordinator in the implementation and ongoing activities of the screening process, in maintaining the IWD/OR ENVIRONMENTAL SCREENING REGISTER, updating screening decisions, and in preparing biannual (SEP. 15 and MAR. 15) reports to the Ontario RSCC.
- (e) The procedure for formal screening will follow the format of the Activity Screening Register (Appendix 3) and the Screening Report (Appendix 4). It consists of a

documented assessment of systematic, environmental implications explaining how environmental values are weighed what significance. if any. is attached to consequences arising from environmental the proposed Mitigating measures and their effectiveness activity. reducing adverse environmental effects are also taken into consideration.

- (f) Completed copies of the Activity Screening Register and the Screening Report are to be forwarded to the Regional IWD EARP Coordinator.
- (g) Formal screening will result in the statement of one of three findings:
  - (1) ADVERSE ENVIRONMENTAL EFFECTS ARE NOT SIGNIFICANT OR CAN BE MITIGATED

The activity may proceed as is, or with mitigating measures and monitoring provisions, as the case may be.

(2) ADVERSE ENVIRONMENTAL EFFECTS ARE NOT ADEQUATELY KNOWN

The activity is recommended for further detailed assessment through the preparation of an <u>Initital Environmental Evaluation</u> (IEE), designed to provide new information or data for determining the extent and significance of potential environmental effects. An IEE may require special funding to complete, may create delays in project implementation, and would normally be appropriate for important or major projects. The approval of the Regional Director (RD) is required, as is confirmation by the Director General IWD. The Regional Director may decide also that the activity must be modified or that it may proceed with mitigating measures, monitoring provisions, or both.

#### (3) ADVERSE ENVIRONMENTAL EFFECTS ARE SIGNIFICANT

The proposed activity is referred to the Regional Director who will decide whether it is to modified rejected, or recommended for the public/panel review, Environmental Impact Statement (EIS) stage of the Process. If recommended for the activity is referred to the ADM ECS. next stage. in consultation with the SADM or DM will decide whether the activity will be forwarded to the Federal Environmental | Assessment and Review Office `and subject to an EIS.

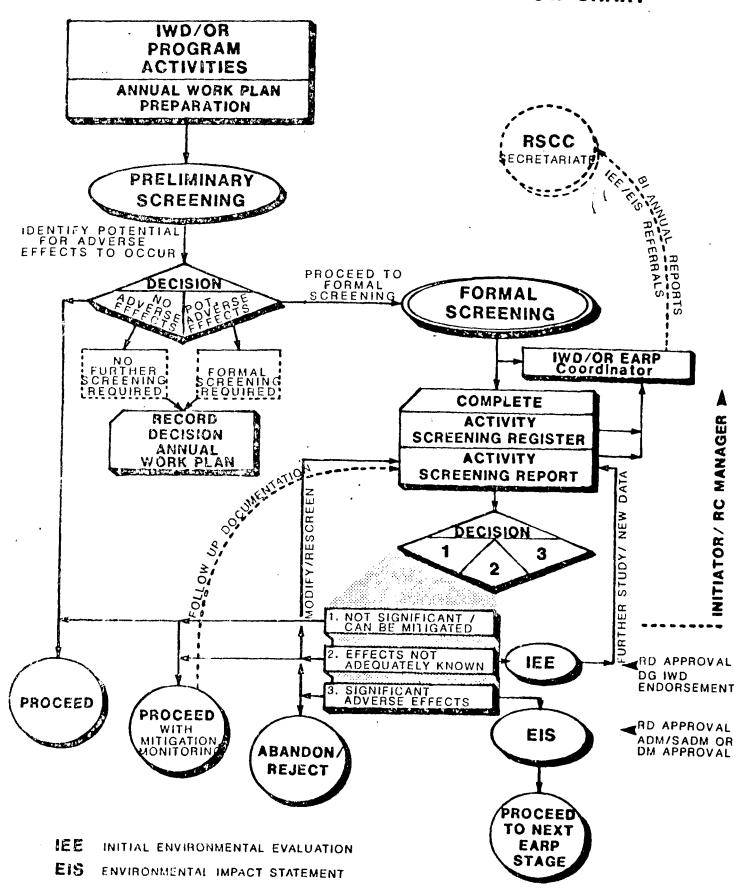
(h) When an IEE or EIS has been recommended by the initiator/RC manager and the recommendation approved by the

- RD, the Activity Screening Report will be forwarded to the Ontario RSCC Secretariat where the decision will be recorded. Further action will depend on the decisions of senior management and be taken in consultation with the RSCC Secretariat.
- (i) The initiator must ensure that the mitigating measures, identified during formal screening as being necessary, are incorporated in the implementation of the activity. Follow-up documentation on the effectiveness of mitigative measures and residual effects will be provided by the initiator to the EARP Coordinator for completion of the Activity Screening Report.

#### 5.3 Emergency Measures

In the event of urgent, unanticipated action on the part of IWD/OR to alleviate conditions which threaten resources, public health or safety, a post facto environmental screening should be conducted to detail description of the activity and the rationale for urgency.

# APPENDIX 1: SCREENING PROCEDURE FLOW CHART



# APPENDIX 2: RECORDING DECISION OF PRELIMINARY SCREENING

| Environment<br>Canada<br>Environmental       | Environnement<br>Canada<br>Conservation or | WORK PLAN<br>1985-1986<br>PLAN DE TRAVAIL                    | 1 Work<br>Plan<br>de travail        | of<br>de                    |
|--|--|--|-------------------------------------|-----------------------------|
| Conservation                                 | l'environnement                            | 1985-1986  | 2 Page Es                           | 4                           |
| Budget Year Work Pi<br>state goals and perfo | an 1985-86<br>Irmance indicators           | Plan de travail pour l'anni<br>précisér les buts et les indi |                                     | PRELIMINARY<br>ENVIRONMENTA |
| Go   | als/Buts                                   | Performance in   | dicators / Indicateurs de rendement | SCREENING DE                |
| A-1-A  | ACTIVITY GOAL                              | ACTIVITY PER   |                                     |                             |
|  |  | INDICATORS   | ,                                   | s/o*                        |
| A-1-B  |  |  |                                     | Š.                          |
|  |  |  |                                     | S/0                         |
| A-2-A  |  |  | A) Transition                       |                             |
| A-2-A  | • • • • • • • • • • • • •                  | ******   | <u> </u>                            | FSR*                        |
| B-1-A  |  |  | <i>(</i> /                          |                             |
| D-1-N  | ••••••                                     |  |                                     | FSR                         |
| B-2-A  |  |  | 9/30<br>#/20                        |                             |
| D-2-A  |  | ******   |                                     | <b>s/</b> 0                 |
| В-2-В  |  |  |                                     |                             |
| D- Z · D                                     |  | ******   |                                     | ) s/o                       |
|  |  |  |                                     |                             |
|  |  |  |                                     | iii.                        |

FSR - FORMAL SCHEENING REQUIRED



Canada Conservation de l'environnement Conservation

Environnement

#### WORK PLAN 1985-1986 PLAN DE TRAVAIL 1985-1986

| ١ | Work<br>Plan<br>de travail | of<br>de |
|---|----------------------------|----------|
| 2 | Page                       | cl       |
|   |                            | 4.       |

| 10 WORK PLAN BUDGET BUDGET BUDGET POUR LE PLAN DE TRAVAIL    |                                |   |   |   |  |  |  |
|--|--------------------------------|---|---|---|--|--|--|
|  | Fiscal Year /<br>Année fiscale | 1983-1984<br>Past Year<br>(actual)<br>Année piécédente<br>(chifres réels) | 1984-1985<br>Current Year<br>(forecast)<br>Année en cours<br>(prévisions) | 1985-1986<br>Budget Year<br>(new budget)<br>Année du budget<br>(nouveau budget) |  |  |  |
| Person-Years<br>Années Personnes                             |                                |   |   |   |  |  |  |
|  |                                | \$(000 s)   | \$(000 s)   | \$-000 s)   |  |  |  |
| a) Salaries / Salaires                                       |                                |   |   |   |  |  |  |
| b) Other Operating / Autres<br>frais d exploitation          |                                |   |   |   |  |  |  |
| () Capital Capitaux  |                                |   |   |   |  |  |  |
| d) Grants & Contributions /<br>Subventions et contributions  |                                |   |   |   |  |  |  |
| Total (a + b + c + d)  |                                |   |   |   |  |  |  |
| Cost Recovery and Revenue<br>Recouviement de fonds et revenu | \$                             |   |   |   |  |  |  |
| Nor - A Base Resources (<br>Ressources emerieures            | PYIAP                          |   |   |   |  |  |  |
| au eudget de la base A                                       | \$(000 s)                      |   |   |   |  |  |  |

#### ENVIRONMENTAL SCREENING:

All activities identified in the goals and performance indicators of this work plan have been reviewed in accordance with the IWD/OR Environmental Screening Guidelines. Aside from those activities designated for FORMAL SCREENING, it has been determined that the implementation of this work plan will not result in any undue adverse effects on the environment.

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## APPENDIX 3:

# 🛚 🍄 Environment Canada

# ACTIVITY SCREENING REGISTER

INLAND WATERS DIRECTORATE Ontario Region

# Environmental Assessment and Review Process ENVIRONMENTAL SCREENING

| ACTIVITY REGISTER NUMBER:                      | DATE:  |
|--|--|
| ACTIVITY IDENTIFICATION                        | ( i  |
| TITLE:   | LOCATION:  |
| INITIATOR/SPONSOR:                             | ESTIMATED COST:  |
| ACTIVITY DESCRIPTION                           |  |
| PURPOSE/NATURE OF ACTIVITY:                    | LAND/WATER AREA AFFECTED:                                  |
| AGENCIES INVOLVED:                             | CONTRACTURAL ARRANGEMENT:                                  |
| WORK PLAN:                                     |  |
| WORK SCHEDULE:                                 | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING: |
| WORK SCHEDULE.                                 |  |
| PRELIMINARY SCREENING RESULTS                  |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREEN | ING:   |
|  |  |
|  |  |
|  |  |
|  |  |
| PREPARED RY: (NAME & TITLE)                    | DATE:  |
| REGISTERED BY: REGIONAL EARP COORDINATOR       | DATE:  |

| 9    | Environment | Canada |
|------|-------------|--------|
| 20 7 |             |        |

# **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region Ε

| Ontario Region                            | ACTIVITY REGISTER NO.: |
|---|------------------------|
| ENVIRONMENTAL SCREENING                   | ACTIVITY:              |
|   |                        |
| DESCRIPTION OF PROPOSED SITE OF AC        | TIVITY                 |
| PRESENT USE/ZONING:                       | PREVIOUS DISTURBANCE:  |
|   |                        |
| ENVIRONMENTAL RESOURCE VALUES:            | ( *                    |
|   |                        |
|   |                        |
|   | ·                      |
|   |                        |
|   |                        |
| SCREENING RESULTS                         |                        |
| T AS INDICATED ON MATRIX                  | AS DESCRIBED BELOW     |
| POTENTIAL EFFECTS, SEVERITY, DURATION, RI | SK OF SERIOUS EFFECTS: |
|   | , -                    |
|   |                        |
| $\cdot$                                   |                        |
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|   |                        |
|   |                        |
|   |                        |
|   |                        |
|   |                        |
| NATURE/EXTENT OF PUBLIC CONCERN RE: ACTI  | VITY:                  |
|   |                        |
|   |                        |
| MITIGATIVE MEASURES:                      |                        |
| •   |                        |
|   |                        |
| RESIDUAL IMPACTS:                         |                        |

Attach extra pages. required

MONITORING REQUIREMENTS

# **ACTIVITY SCREENING REPORT (continued)**

| EDURES USED                    |   |   |   |
|--------------------------------|---|---|---|
| ES:                            |   |   |   |
| ONSULTED ch_list of titles/nam | <i>3</i>  | •   | CONSULTATION  |
| ISSANCE DATE:                  |   | Attach maps photos  | , plans, il available.  |
| SPECIFY:                       |   |   |   |
| 4G FINDINGS                    | ar penga bang menghalikan pengapak kelalah bengapak kelalah bengapak kelalah bengapak kelalah bengapak kelalah<br>Sepanjak pengapak kelalah pengapak pengapak pengapak pengapak bengapak bengapak bengapak bengapak bengapak ben  |   |   |
| MENTAL EFFECTS A               | RE NOT SIGNIFI  | CANT OR CAN BE MITI   | GATED.  |
| MENTAL EFFECTS AF              | RE NOT ADEQUA   | TELY KNOWN.   |   |
| MENTAL EFFECTS A               | RE SIGNIFICANT  | ·.  |   |
| ENTATION DECIS                 | ION   |   |   |
| - WITH M . M NEEDED - SCOPE A  | ITIGATING MEA<br>ONITORING REC  | SURES<br>DUIRED<br>ACTIVITY   |   |
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|                                | SIGNATURE: IN   | NITIATOR/RC MANAGER   | A DATE  |
| I.E.E. REQUIR                  | ED .  | E.I.S. REQUIRED   | )   |
| ERED                           | SIGNATURE: R  | EGIONAL DIRECTOR  | DATE  |
|                                | ES: ONSULTED Ch list of titles/namelissance Date: SPECIFY:  GFINDINGS  MENTAL EFFECTS AFFECTS | ES: ONSULTED UNPUBLISHED Ch list of littles/names as appropria ISSANCE DATE: SPECIFY:  IG FINDINGS  MENTAL EFFECTS ARE NOT SIGNIFICANT MENTAL EFFECTS ARE SIGNIFICANT MENTAL EFFECTS ARE SIGNIFICANT MENTAL EFFECTS ARE SIGNIFICANT  ENTATION DECISION  CEED - WITHOUT MITIGATING MEA | ES:  ONSULTED UNPUBLISHED INFORMATION  Ch list of titlec/names as appropriate for above categories  ISSANCE DATE: Attach maps photos  SPECIFY:  OR FINDINGS  MENTAL EFFECTS ARE NOT SIGNIFICANT OR CAN BE MITH  MENTAL EFFECTS ARE NOT ADEQUATELY KNOWN.  MENTAL EFFECTS ARE SIGNIFICANT.  ENTATION DECISION  CEED - WITHOUT MITIGATING MEASURES  WONITORING REQUIRED  NEEDED - SCOPE AND COSTS OF ACTIVITY  NOT MATERIALLY AFFECTED  ED  SIGNATURE: INITIATOR/RC MANAGER  SIGNATURE: REGIONAL DIRECTOR |

SIGNATURE: REGIONAL EARP COORDINATOR DATE

# **APPENDIX 5:**

SUSE ADDITIONAL MATRICES, AS REQUIRED

|   |                                    |              | c /          | ~ D 5                  | - F N         |                          | ı G                |                |  |                |          |         |           |          |      |            |           |          | W        | J 8 1 | 1 8 1    |
|---|------------------------------------|--------------|--------------|------------------------|---------------|--------------------------|--------------------|----------------|--|----------------|----------|---------|-----------|----------|------|------------|-----------|----------|----------|-------|----------|
| <b>1</b> ) 4                                      | ONMEN                              |              |              |                        |               |                          |                    |                | •  | 17             | (C1)     | /17 Y   | RÉC       | HS T     | EB I | NUM        | BÜ        |          |          |       |          |
| $\Psi$  | ACTIONS                            |              |              |                        |               |                          |                    |                | SYMBOL KEY   | a.             | CTI      |         |           |          |      |            |           |          |          |       |          |
| 7   | TTT                                | T            | Ť            |                        |               | Ť                        |                    | -              | ☐ Ho effect  | _              |          |         |           |          |      |            |           | •        |          |       |          |
|   |                                    |              |              |                        |               |                          |                    |                | Action causing an offec  |                | HITL     | TOR     | /RC       | MAI      | NAG  | EA:        |           | D        | ATE:     |       |          |
|   |                                    |              |              |                        |               |                          |                    |                |  | 1              |          |         |           |          |      |            |           | 1        |          |       |          |
|   |                                    |              |              |                        |               |                          |                    |                | Potontial advocac affec  |                |          |         |           |          |      |            |           |          |          |       |          |
|   |                                    |              |              |                        |               |                          |                    |                | Unknown offect or significance of effect   |                | 3        | NVI     | PO<br>ROM | TEN      | NT/  | AL/        | EFF<br>SQ | EC       | TS (     | NOR   | IIC      |
|   |                                    |              |              |                        |               |                          |                    |                | Significant offect   |                | T        | T       |           | Π        |      | ٦          |           |          |          | T     |          |
|   |                                    |              |              |                        |               |                          |                    |                | 4  |                |          |         |           |          | 1    |            |           |          |          |       | İ        |
|   | $\downarrow \downarrow \downarrow$ | _            |              |                        | _             | 4                        | _                  | <del> </del> - | AATURE OF ENVIRONMENTAL CHARGE   |                |          |         |           |          |      | i          |           |          |          |       |          |
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| ++  | +                                  | +-           |              |                        | +             | +                        | +                  | 1              | ACTION AND   |                |          |         |           |          |      |            |           | }        |          |       |          |
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| +   | ╅╅┼                                |              |              | H                      | +             | +                        | +                  | +              |  | J              |          | +       | -         |          |      |            | $\vdash$  | +        | +        | +     |          |
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| <del>                                      </del> |                                    |              |              |                        | 1             | $\perp$                  | 1                  | 丰              |  |                | 1        | 1       |           |          |      |            |           | 1        | 1        | _     | _        |
|   |                                    | ╁            |              | $\vdash$               | $\dashv$      | +                        | +                  | +              |  | 7              | +        | +       | ╁         | H        |      | -          |           | +        | +        | +     | -        |
|   |                                    |              |              | LJ.                    |               |                          |                    | -              |  | V              | I        | 1       |           |          |      |            |           |          | 1        |       |          |
| <u>a\</u>   | POSS                               | BLE          | ME           | ASL                    | JRE           | 8                        |                    |                |  | 7              |          | +       | ╀         | $\vdash$ |      | -          |           | -        | +        | ╂     | -        |
| 3)  | тоып                               |              |              |                        |               |                          |                    |                |  | J              |          |         |           |          |      |            |           |          |          |       |          |
|   |                                    |              |              |                        |               |                          |                    |                |  | $\mathcal{A}$  | +        | $\perp$ | -         | Н        |      |            |           | -        | <b>-</b> | -     |          |
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|   |                                    |              |              |                        |               |                          |                    |                |  | <b>V</b>       | 5)       |         | RES       | ום<br>ו  | AL   | <b>S</b> C | R         |          | ECT      |       | _        |
|   |                                    |              |              |                        |               |                          |                    |                |  | \              | <i>₩</i> | REN     | AAII      | NIN      | G A  | FT         | ER        | MIT      | IG A     | TION  | <u> </u> |
|   |                                    |              |              |                        |               |                          |                    |                |  | Ø              |          |         |           | Ц        |      |            |           |          | $\perp$  | i     |          |
|   |                                    |              |              |                        |               |                          |                    |                |  | $\searrow$     | +        | ┥       | 7         |          |      |            |           |          |          | _     |          |
|   |                                    |              |              |                        |               |                          |                    |                |  |                | $\pm$    | -       |           | Н        |      | 4          |           | 4        | 4        | Į_    |          |
|   |                                    |              |              |                        |               |                          |                    |                |  | 9 6            | 1        |         |           |          |      |            |           |          |          | -     |          |
|   |                                    |              |              |                        |               |                          |                    |                | $\wedge \times   | 666            | +        |         |           |          |      |            |           |          | +        |       |          |
|   |                                    |              |              |                        |               |                          |                    |                |  | 9868           |          |         |           |          |      |            |           |          |          |       |          |
|   |                                    |              |              |                        |               |                          |                    |                | $\wedge \times   | 66666          |          |         |           |          |      |            |           |          |          |       |          |
|   |                                    |              |              |                        |               |                          |                    |                |  | 86666          |          |         |           |          |      |            |           |          |          |       |          |
|   |                                    |              |              |                        |               |                          |                    |                |  | 00000000       |          |         |           |          |      |            |           |          |          |       |          |
|   |                                    |              |              |                        |               |                          |                    |                |  | 4666666        |          |         |           |          |      |            |           |          |          |       |          |
|   |                                    |              |              |                        |               |                          |                    |                |  | 999999         |          |         |           |          |      |            |           |          |          |       |          |
| RÉEN  |                                    | RIX          | FINE         | DINC                   | 26 6          |                          | IA MI              | RY             |  | 466666         |          |         |           |          |      |            |           |          |          |       |          |
| ,   | . NING MAI                         |              |              |                        |               |                          |                    |                |  | 466666         |          |         |           |          |      |            |           |          |          |       |          |
| ] ^!  |                                    | FFEC         | 15 /         | ARE                    | INSI          | anıf                     | FICAI              | NT             |  | 466666         |          |         |           |          |      |            |           |          |          |       |          |
| ] A1  | DVEHSE E                           | FFEC'        | 16 A<br>15 C | ARE I                  | INSIG         | anif<br>Mit i            | FIC AI             | NT             |  | 466666666      |          |         |           |          |      |            |           |          |          |       |          |
| ) A1  | DVERSE E                           | FFEC<br>FFEC | 18 A<br>18 C | ARE I                  | INSIC<br>BE A | anif<br>Mit id<br>Jire i | FICAI<br>GATE<br>D | NT             |  | 466666666      |          |         |           |          |      |            |           |          |          |       |          |

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### GUIDE TO COMPLETING OPTIONAL ENVIRONMENTAL SCREENING MATRIX

# PART 1: ACTIONS ASSOCIATED WITH ACTIVITY OR PROJECT

- [ i] Identify those project actions (eg. site clearing, excavation, chemical disposal, etc.) which may result in some adverse effect or physical alteration to the environment or its use.
- [ ii] List these actions in the blank vertical spaces provided.

## PART 2: NATURE OF ENVIRONMENTAL CHANGES RESULTING FROM ACTIONS

- [ i] For the first identified action, specify the kind of expected change which will result, for example, for site clearing the changes may be vegetation/habitat removal, increased soil erosion (from exposed soil), etc. List these in the spaces provided under 2.
- [ ii] Indicate an X in the appropriate grid cell of part 1 to link particular actions to resulting changes (note that some different actions could result in similar changes, possibly magnifying potential effects).
- [iii] Proceed as per [i] and [ii] above for the other listed actions.

# PART 3: POTENTIAL EFFECTS ON ENVIRONMENTAL AND SOCIO-ECONOMIC COMPONENTS

- 1] of the screening matrix identifies This part effects of the various actions on environmental socio-economic components/subsystems of the area, however one wishes to characterize or categorize these components. For example, aquatic biota may be one such component listed or this may be broken down to aquatic vegetation, fish spawning, fish migration, etc. Other components may be such as terrestrial biota. terrestrial vegetation/habitat, and terrestrial wildlife; aesthetics; recreation water use; drinking water supply; water quality,etc.
- [ ii] Each component is listed in the vertical spaces provided.
- [iii] For each change identified in 2, determine whether there is no effect, a potential adverse effect, an unknown effect or significance of effect, or a significant effect in any of the environmental/soc-

economic components listed, and mark the appropriate grid cell using symbols provided in the matrix symbol key.

# PART 4: POSSIBLE MEASURES TO MITIGATE EFFECTS

- [ i] Using the results recorded in part 3 of the matrix, this part identifies whether mitigation is possible to either reduce or eliminate concerns associated with potential adverse effects. Specific measures should be listed for the corresponding grid-cell row number of part 3 . For example, soil eroision from site clearing might be controlled by the use of sediment traps, leaving buffer strip vegetation along water edges, etc.
- [ ii] Additional elaboration on mitigating measures, if required, may be provided on a separate page or in the space provided on the ACTIVITY SCREENING REPORT under screening results.

# PART 5: RESIDUALS OR EFFECTS REMAINING AFTER MITIGATION

[ i] The final step in completing the screening matrix is to determine whether any concerns about potential effects (from part §) remain after all possible means of mitigation have been taken into account. Only those effects which remain will be indicated in corresponding grid cells in part 5 (using the same symbols as in part 3 and the same environmental/soceconomic components listed in part 3). Where known mitigation measures cannot reduce or eliminate potential effects, part 5 will essentially be the same as for part 3 (or so indicated by the square to the right of the arrow between them).

Based on the completed screening matrix and an evaluation of the significance of potential adverse effects, unknown effects, means of mitigation, and residual effects, the result of the evaluation is entered in the screening matrix findings summary at the bottom.

APPENDIX 6:

**EXAMPLE APPLICATION** 

## EXAMPLE

Ĉ

Environment Canada Environnement Canada

Conservation da l'environnement Contestation

WORKFLAN 1985-1986 PLAN DE TRAVAIL 1985-1986

| 1   | Work<br>Plan<br>de travail | ot<br>de |
|-----|----------------------------|----------|
| 2   | Page                       | 01       |
| L . |                            | Ge .     |

Budget Year Work Plan 1985-86 state goals and performance indicators

Goals / Buts

Pian de travail pour l'année du b. 1ger 1985-1986 | préciser les buts et les indicateurs de rendement

Parformance Indicators / Indicateurs de rendement

A-1-A Analyze and interpret hydrometric data for water management purposes.

Complete report on a regional hydrologic study by Mar. 31/86.

S/0

A-1-B Improve the stage-discharge relationship at selected stations.

Install sheet steel control structures at 6 locations by Dec. 31/85.

**FSR** 

# ACTIVITY SCREENING REGISTER

# INLAND WATERS DIRECTORATE Ontario Region

Environmental Assessment and Review Process Environmental Screening

| ACTIVITY REGISTER NUMBER: 000 0001  | DATE: phanyana a 1004  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| WRB-000-0001  | DECEMBER 8, 1984   |  |  |  |  |  |
| ACTIVITY IDENTIFICATION   | į  |  |  |  |  |  |
| CONSTRUCTION OF ARTIFICIAL CONTROL  | LOCATION:<br>RUSCOM RIVER  |  |  |  |  |  |
| INITIATOR/SPONSOR: WATER RESOURCES BRANCH   | ESTIMATED COST: \$6,000.00   |  |  |  |  |  |
| ACTIVITY DESCRIPTION  |  |  |  |  |  |  |
| PURPOSE/NATURE OF ACTIVITY: Stabilize Stage-Discharge Relation by reducing control movement.                              | LAND/WATER AREA AFFECTED: Ruscom River   |  |  |  |  |  |
| AGENCIES INVOLVED: WATER SURVEY OF CANADA   | CONTRACTURAL ARRANGEMENT:  -Rental of Air Compressor  -Purchase and Delivery of Rock |  |  |  |  |  |
| WORK PLAN: -Deliver material for control works -Rent construction equipment -Hire labourers -Drive steel control in place |  |  |  |  |  |  |
| -Cut notch in control  -Rackfill control with loose rock WORK SCHEDULE:   | OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING:                              |  |  |  |  |  |
| AUGUST 4 - 12, 1985   | NONE   |  |  |  |  |  |
| PRELIMINARY SCREENING RESULTS   |  |  |  |  |  |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING   | G:   |  |  |  |  |  |
| Artificial control will trap sediment and debris during low flows. Construction activities could                          |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
| R. MYSLIK /Assistant Regional Engineer  | December 8, 1984   |  |  |  |  |  |
| PREPARED BY: (NAME & TITLE)   | DATE:  |  |  |  |  |  |
| I. KAMP   | December 9, 1984   |  |  |  |  |  |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:  |  |  |  |  |  |

# 🛮 🍁 Environment Canada

# ACTIVITY SCREENING REPORT

| INLAND            | WATERS | DIRECTO | DRATE  |
|-------------------|--------|---------|--------|
| Ontario           | Region |         |        |
| 5~ 0 8 8 4 8 5° € |        | a cepe  | FAIRAG |

| ACTIVITY REGISTER N  | O.: WRB-000-0001 |       |
|----------------------|------------------|-------|
| ACTIVITY: ARTIFICIAL | CONTROL-RUSCOM   | RIVER |

| PRESENT USE/ZONING:                                 | PREVIOUS DISTURBANCE:       |
|---|-----------------------------|
| M.T.C. Road Allowance for HWY 401                   | Construction of highway     |
| NVIRONMENTAL RESOURCE VALUES: \$                    |                             |
| Water is presently used for irrigation              |                             |
| Site is visible from highway, therefore             | e has some aesthetic value. |
|   | ·                           |
|   |                             |
|   |                             |
| CREENING RESULTS                                    |                             |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID) | AS DESCRIBED BELOW          |
| POTENTIAL EFFECTS, SEVERITY, DURATION.              | RISK OF SERIOUS EFFECTS: 泰  |
|   |                             |
|   |                             |
| •   | •                           |
|   |                             |
|   |                             |
|   |                             |
|   |                             |
|   |                             |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A               | CTIVITY:                    |
|   |                             |
|   |                             |
|   |                             |
| LITIGATIVE MEASURES:                                |                             |
| CITIGATIVE MEASURES:                                |                             |
| LITIGATIVE MEASURES:                                |                             |
| RESIDUAL IMPACTS:                                   |                             |
| RESIDUAL IMPACTS:                                   |                             |
| ·   |                             |

# **ACTIVITY SCREENING REPORT (continued)**

| SCREENING PROCEDURES USED   |
|---|
| INFORMATION SOURCES:  |
| LITERATURE CONSULTED UNPUBLISHED INFORMATION XX CONSULTATION Attach list of titles/names as appropriate for above categories. |
| SITE RECONNAISSANCE DATE: December 7,84 Attach maps photos, plans, if available.  |
| OTHER SPECIFY: Consultation with Ontario MNR re:fisheries and water use   |
| FORMAL SCREENING FINDINGS   |
| 1. ADVERSE ENVIRONMENTAL EFFECTS ARE NOT SIGNIFICANT OR CAN BE MITIGATED. XX  |
| 2.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT ADEQUATELY KNOWN.   |
| 3.ADVERSE ENVIRONMENTAL EFFECTS ARE SIGNIFICANT.  |
| ACTIVITY IMPLEMENTATION DECISION  |
| 1. ACTIVITY MAY PROCEED - WITHOUT MITIGATING MEASURES   |
| - WITH MITIGATING MEASURES  |
| MONITORING REQUIRED   |
| 2. FURTHER STUDIES NEEDED - SCOPE AND COSTS OF ACTIVITY NOT MATERIALLY AFFECTED   |
| 3. I.E.E. RECOMMENDED   |
| 4. E.I.S. RECOMMENDED   |
| R. Myslix  SIGNATURE: INITIATOR/RC MANAGER DATE   |
| APPROVAL.  DI.E.E. REQUIRED  DE.I.S. REQUIRED   |
| COMMENTS:   |
|   |
| SIGNATURE: REGIONAL DIRECTOR DATE   |
| DECISION REGISTERED  COMMENTS:  |
|   |

L. KAMP

SIGNATURE: REGIONAL EARP COORDINATOR DATE

DEC.10/84

75

INLAND WATERS DIRECTORATE Ontario Region

# ENVIRONMENTAL SCREENING MATRIX

|    | ΕN                           | AIB          | 0                                     | A M               | EΝ                          | TA        | L S  | S C F        | REE           | NI        | MC           | 3          |      |               |                               |                   |                |                               |                   |             |                     |  |                      |               |           |             |           |            |            |                         |              |            |           |        |           | <i>-</i>    |  |
|----|------------------------------|--------------|---------------------------------------|-------------------|-----------------------------|-----------|------|--------------|---------------|-----------|--------------|------------|------|---------------|-------------------------------|-------------------|----------------|-------------------------------|-------------------|-------------|---------------------|--|----------------------|---------------|-----------|-------------|-----------|------------|------------|-------------------------|--------------|------------|-----------|--------|-----------|-------------|--|
|    | 1                            | <u> </u>     | AC                                    | TIC               | NS                          | AS        | 350  | CIA          | TEL           | ) W       | ITI          | 4          |      |               |                               |                   |                |                               |                   |             |                     |  |                      | CTIV          | ITY       | HEC         | ist       | EΑ         | NU         | 48 E                    | H:U          | URE        | 3-0       | ∞.     | -00       | 011         |  |
|    |                              |              |                                       | AC                | TIV                         | IT        | OF   | R PI         | POJ           | EC.       | T            | -          | pare |               |                               |                   | ŞY             | PN E                          | OF                | XE          | A                   |  | K A ∪                | ~ ( tv        | U T :     |             |           |            |            |                         |              |            |           | AL     |           |             |  |
|    |                              | 3            |                                       | 25.50             |                             |           |      |              |               |           |              |            |      |               |                               | ] M C             | 0 01           | 1100                          | ŧ                 |             |                     |  |                      |               | πe        | OL          | : 6       | CU:        |            | M                       | 811          |            |           |        |           |             |  |
|    |                              | INSTALLATION |                                       | REM               |                             |           |      |              |               |           |              |            |      |               | ×                             | ] Ac              | ctio           | n c                           | aug               | ing :       | n of                | foct                                   | BUTTATOR (BC MANAGER |               |           |             |           |            |            | DEC 8/84                |              |            |           |        |           |             |  |
|    |                              | STA          | のなりな                                  | 3                 |                             |           |      |              |               |           |              |            |      |               | 0                             | } P G             | oto            | ntla                          | iad               | VOF         | o e o 1             | foct                                   |                      |               |           |             |           |            |            |                         |              |            |           |        |           |             |  |
|    |                              | 12           | , 66                                  | SEDIMENT REMOSTAL |                             |           |      |              |               |           |              |            |      |               | [2                            | ] ២ភ              | ak na<br>ig ni | o w r                         | off               | ect<br>of   | or<br>offo          | :1                                     |                      | <u>)</u> ,    | IVIF      | PO          | TEN       | ITI<br>NT  | AL<br>AL   | EF:                     | FEC          | - F C      | 0         | HOM    | 11C       |             |  |
|    | 8                            | 12           |                                       |                   |                             |           |      |              |               |           |              |            |      |               | <b>®</b>                      | (                 | -              |                               |                   | ffec        |                     |  | 1                    | <u> </u>      |           |             |           | ع ي        |            |                         |              | ř-<br>     |           |        |           |             |  |
|    | F1411MS                      | SWEET        | S S S S S S S S S S S S S S S S S S S | KRINTEN.          |                             |           |      |              |               |           |              |            |      |               | WATE<br>TO                    | <u>~</u>          |                |                               |                   |             |                     | ANGE!                                  | 11/10                | V             |           | V66578.70   |           |            |            |                         |              |            |           |        |           |             |  |
| 1  | X                            | -            |                                       | रो                | +                           | +         | +-   | ┿            | +-            | +-        | ╁╴           | $\vdash$   | -    | É             | 2                             | J.                | 0,             | `                             |                   |             | AL CRIVERY          |  | VECETATION           |               | 2         | 8           |           |            | W          |                         |              | 4          |           |        |           |             |  |
| 2  |                              | X            | 7                                     | 7                 |                             | +         | +    | †-           | -             | -         | <del> </del> |            |      | 12            | 402                           | A.                | SU.            | * VV                          |                   |             |                     |  | 12                   | 2             | MIGENTICA | 7           |           |            | SE         | 2                       |              | RESIDERITS |           |        | ٠.        |             |  |
| 3  | _                            |              | _                                     | 7                 | +                           | +         | -1-  | †-           | 1-            | $\vdash$  | †            |            | 7    |               | 3%                            | E.S.              |                | TOY                           | '0 <sub>87</sub>  | 1           | al cronical and     |  | 13                   | FISH SPAWAING | B         | 2           |           |            | 3          | MAMMO                   | F104         | 3          |           |        |           |             |  |
| 4  |                              | X            | 1                                     | 7                 | +                           | 7         | 1    | <del> </del> | 1-            | -         | 1            |            | 7    | $\nearrow$    | (V)                           |                   | $\gg$          | <b>7</b>                      | <b>F</b> 80       | , (4)<br>h. | a.                  |  | 17/                  | 3             | 3         | 2           | 7"        | ধ          | 20         | 3                       | 13           | 53         | ĺ         |        |           |             |  |
| 5  |                              | Χï           | 7                                     | 1                 | 7                           | 1         | 1-   | 1            | 1             | 1         | 1            | 1          |      |               | E.                            | 80                |                | 2                             | 92                | X40         | S. CA               | 400                                    | 2                    | 0             | 3         | K           | 12        | 2          | 1          | V                       |              | 6          |           |        |           |             |  |
| 6  |                              | X            | 1                                     | 1                 | 7                           | 7-        | 1    | 1            | †-            | 1         | †            |            |      |               | £.                            | 20                | \ <u>`</u>     |                               | <i>?ox</i>        |             | NOW.                | g POE                                  | 3/2                  | S             |           | 3           | 3         | 4          | 6          | ZZ                      | BURE         | 10         |           |        |           |             |  |
| 7  |                              |              | <                                     | 1                 |                             | 1         | 7    |              | 1             |           | -            |            |      | $\searrow$    | <b>₹</b> ∂;                   | Ş₹`               | <b>X</b> (0    | -14                           | <b>₹</b>          |             | al crowled Wild TOX | ^                                      | ROUBIIC              |               | HSI       | TERRESTRIAL | WILDLIFE  | AESIMETICS | RECEERTION | WARR                    | 00           | 70007      |           |        |           |             |  |
| 8  | X:                           | X            | 2                                     | <                 |                             | 1         | 1    | T            |               |           |              |            |      |               | 47                            |                   | X              | <b>%</b>                      | × 4               | W/A         | 1                   | ′ '                                    | 100                  | 1             | A         | ×           | 8         | B          | Ø.         | 8                       | 79           | 7          |           |        |           |             |  |
| 9  |                              |              |                                       |                   |                             |           |      |              |               |           |              |            |      | 1             | €¢                            | <b>\&amp;</b>     | >              | (B)                           | <b>1</b>          | ,<br>,      | Wa Tax Pau          |  | Jo                   | 0             |           |             |           |            |            |                         | 0            |            |           |        |           |             |  |
| 10 |                              |              | ]                                     | $\perp$           |                             | I         |      | 1_           | _             |           |              |            |      |               |                               | * (*)             | i              | <i>??</i>                     | V)                | Ŷ           | //                  | //                                     | 10                   | 0             |           |             |           |            | 0          |                         | 0            |            |           |        |           |             |  |
| 11 |                              |              | 1                                     | 1                 |                             |           |      | 1            |               | <u> </u>  |              |            |      |               | \                             |                   | V              | (Q <sub>4</sub> )             | <b>(1)</b>        | X           | (Q)                 | \ \                                    | Ł                    | 0             |           |             |           | 0          | •          | 0                       |              |            |           |        |           |             |  |
| 12 | <b>-</b> -                   |              | $\perp$                               | _ _               |                             | 1         | 1    | 1            | 1_            | L.        | ļ            |            | _    |               | \                             | \                 | $\backslash$   | /*                            | Ø}3               | X           | \                   |  | L                    | 丄             |           | 0           | •         |            | Ш          | Ц                       |              | 9          |           |        | Ш         | _14         |  |
| 13 |                              |              | 1.                                    | 1                 | _ _                         | 1         | 4    | J            | <u> </u>      |           | _            |            | _{   |               | \                             |                   | $\backslash$   | \                             |                   | (Ve         | /<br> -A            | \                                      | 1                    | ot            | 0         |             | $\dashv$  | _          | Ц          |                         |              |            |           |        |           | [5          |  |
| 14 |                              | _ أ          | 1                                     | 1                 |                             | 1         |      | 1            | 1             | L.,       | _            |            | [    |               | \                             | \                 |                | \                             | \                 | \           | QU.                 |  | 4                    | 0             | ٥         |             | 의         |            | 0          | _                       | _            | 0          |           | _      |           | (6          |  |
| 15 |                              | . ∔          |                                       |                   | -                           | $\perp$   | 4    | 1            | -             |           | _            |            | 4    |               | \                             | \                 | $\backslash$   | \                             | `\`               | \           | \\                  |  | <b>↓</b>             | ļ             |           | -4          |           | ٥          | ٥          |                         |              | _          |           | _      | _         | _ [         |  |
| 16 | <br>                         |              | .                                     | -                 | 4-                          |           |      | 4            | <b></b> -     |           | ļ            |            |      |               | \                             | \mathees          | ``             | \                             | ``                | `\          | \                   | //                                     | <b>\</b> _           |               |           | •           | 0         | •          |            |                         |              | 0          | -4        |        |           | -13         |  |
| 17 |                              |              | $\perp$                               |                   |                             | 1         | 1    |              | سل            |           | <u> </u>     |            | -4   |               | Ν,                            |                   |                | \                             | \                 | \           | \                   | //                                     | \_                   | ļ             |           |             | -         | 4          | _          | _                       | -            | _          | _         |        |           | -4          |  |
|    |                              |              |                                       |                   |                             |           |      |              |               |           |              |            |      | •             |                               | \                 | \              | \                             | \                 | Ϊ,          | <b>\</b>            | //                                     | 1                    | ļ.,           | _         |             | -         |            |            | 4                       |              | _          |           | _      |           | 10          |  |
| 1  | 17                           |              |                                       | 20                | 2015                        |           |      |              |               |           |              |            | ٦_   |               |                               |                   | •              | \                             | \                 | \           | <u>'</u>            | \                                      | 1                    | -             |           | }           | 4         | -1         |            |                         | 4            | _}         |           | -      | -         | _ 1         |  |
|    |                              |              |                                       |                   | CSIE                        |           |      |              |               |           |              |            |      |               | /                             | /,                | 入              | <b>*</b>                      | \                 | /           | \                   | //                                     | 1                    | <u> </u>      |           |             |           | -4         | 4          |                         |              |            |           | -      |           | [1          |  |
|    | <del></del>                  |              |                                       |                   | MITI                        |           |      |              |               |           | 444          | _          | _    | n/            | /                             | //                | //             | <b>/</b> >                    | X                 |             | //                  | //                                     | <b>↓</b> _           | -             |           | 4           |           | 4          |            | 4                       |              |            | _         | -      |           | 1           |  |
|    | MAI                          |              |                                       |                   |                             |           |      |              |               |           |              |            | _{   | $\geq$        | //                            | //                | //             | //                            | /)                |             | <b>\</b>            | //                                     | 4                    |               | {         | +           | 4         | -          |            |                         |              |            |           | 4      |           | -11         |  |
| 2  | OW-                          | SITE         | M                                     | <u>ov</u>         | TOR                         | <u>JU</u> | 6/   | PRI          | ) <u>Y. A</u> | AR.       | Ш            | <i>PAU</i> | 7    | <b>&gt;</b> < | $\langle \mathcal{S} \rangle$ | //                | //             | //                            | //                | /)          |                     | //                                     | 1                    |               |           | -           |           | 4          |            |                         |              |            |           | 4      | ļ         |             |  |
| 3  | 216                          | NU           | <u> </u>                              | <u>~</u>          | MOF                         | <u>14</u> |      | UM           | ./ 0          | <u> </u>  | M            |            | Н    | <b>&gt;</b> < | $\langle Z \rangle$           | $\langle \rangle$ | Χ,             | [/                            | //                | //          | //                  | <i>`</i> \`                            | <b>}</b>             | -             |           |             |           | -          |            | }                       | 4            |            | 4         |        |           | _ 11        |  |
| 4  | M                            |              | 1                                     | UR_               | WO                          | r k       | UOL  | W.           | 9.4           | XX        | 7            | 15         | 4    | <i>~</i>      | X                             | :<>               | $\times$       | Ž×                            |                   | //          | //                  |  | <b>L</b>             | L             | لِيا      |             |           | _1         |            | l                       |              |            |           |        | لمِ       |             |  |
| 5  | CLE<br>(L)<br>DE<br>TI<br>SI | 316          | N                                     | שַ                | HQ)                         |           | 41   |              | 2 /           | 4/6<br>/A | NII          | CHO        | Щ    | <i></i>       | Z                             | /\}               | <b>/</b>       | <i>/</i> /                    | $\langle \rangle$ | //          | //                  | //                                     |                      | 4             |           | P           | <b>~</b>  |            |            |                         |              |            | BOV       | GED.   | /SA       | M E         |  |
| 7  | 44                           | 411          | 6                                     | : N               | 17 <u>17  </u><br>1   1   1 | 11        | DO   | <u>M</u>     | 14.<br>FØ     | <u> </u>  | ZV.          | · ·        | ,-{  | ×             | />                            | Κ,                | <b>*</b> /     | <b>/</b> /                    | Z>                | ζΧ.         | //                  | /                                      | P                    |               | R         | ESI         | DΝ        | ALI        | 6 0        | R                       |              |            |           |        |           | 7           |  |
| 8  |                              | 9411         | LKS<br>IA                             | - «               | אבע.<br>או                  | أرح       | 12   | מנט<br>מנט   | 111           | //        | ארם<br>מוזו  |            | Щ    | ž>            | />                            | Χ,                | <b>/</b> >/    | $\langle \rangle \langle$     | ۲>                | Κ.          | /\                  | <u> </u>                               | 5                    | J R           | EM.       |             |           |            |            |                         |              |            |           | DN     | •         |             |  |
| 9  | 111                          | 21 ( A       | <b>15</b> 7                           |                   | AV                          | ~!        | 10   |              |               | ممر       | ¥.¥.         | A          | [    | <i>?</i>      | $\langle \rangle$             | />                | ンメ             | $\langle \mathcal{S} \rangle$ | <b>〈</b> 〉        | \X'         | //                  | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | ⇃。                   | П             | 1         | ٦           | T         | 7          | ٦          | Т                       | T            | 7          | Ţ         | $\top$ | Т         | ٦,          |  |
| 10 | <u> </u>                     |              |                                       |                   |                             |           |      |              |               |           |              |            | -    | i)            | /\>                           | XX                | <b>/</b>       | X                             | ⁄〉                |             | \'                  | 1                                      | 4.                   | H             | +         | $\dashv$    | +         | +          | 7          | -+                      | 7            | -+         | +         | +      | +         | 72          |  |
| 11 | <u> </u>                     |              |                                       |                   |                             |           |      |              |               |           |              |            | -(   | ĕ\            | />                            | //                | <b>*</b>       | X                             | <u> </u>          | \           | \'                  | 1/8                                    | ┰                    | H             | -+        | $\dashv$    | +         | •          | +          | $\dashv$                | $\dashv$     | $\dashv$   | +         | +      | -+        | ٦3          |  |
| 12 | <del></del>                  |              |                                       |                   |                             |           |      |              |               |           |              |            | ┪    | Ø)            | $\langle \rangle$             | <b>/</b>          | //             | X                             |                   | \           | //                  | 1/8                                    | 4                    | H             | $\dashv$  | +           | +         | -          | $\dashv$   | +                       | +            | -†         | +         |        | +         | ٦4          |  |
| 13 | <u> </u>                     |              |                                       |                   |                             |           |      | ·            |               |           |              |            | 7    | Ľ)            | /〉                            | X                 | (>.            |                               | \                 | \           | \'                  | 1/2                                    | 1                    | H             | 7         | $\dashv$    | +         | +          | +          | +                       | +            | +          | +         | +      | +         | <b>7</b> 5  |  |
| 14 | <u> </u>                     |              |                                       |                   |                             | _         |      |              |               |           |              |            | 7    | <>            | /\>                           |                   | <b>^</b>       | \                             | \                 | \           | \'                  | //8                                    | 1                    | H             | +         | $\dashv$    | 0         | 7          | •          | +                       | +            | •          | +         | 十      | +         | <b>7</b> 6  |  |
| 15 |                              |              |                                       |                   |                             |           |      |              |               |           |              |            | 7    | (5)           | /〉.                           | <b>Y</b>          | \              | \                             | \                 | \           | //                  | 1                                      | 1                    | $  \neg  $    | $\dashv$  | 7           | +         | +          | +          | 十                       | 7            | +          | $\dagger$ | +      | 十         | 77          |  |
| 16 |                              |              |                                       |                   |                             | -         |      |              |               |           |              |            | 7    | 4)            | X                             |                   | \              |                               | \                 | \           | //                  | 1/20                                   | 1                    |               | 1         | •           | 0         | 7          | 1          | $\dashv$                | 1            | 0          | 1         | +      | $\top$    | 8           |  |
| 17 |                              |              |                                       |                   |                             | _         |      |              |               |           |              |            |      | ٤,            |                               | \                 | \              | \                             | \                 | \           | /                   | 1/1                                    | 4                    | П             | 7         | 7           | 7         | 7          | 1          | 7                       | 1            | 1          |           | 1      | 1         | ] 9         |  |
| ,  |                              |              |                                       |                   |                             |           |      |              |               |           |              |            |      | `             |                               | \                 | \              | \                             | \                 | /           | /                   | 1                                      | 1                    |               |           | 7           | 1         | コ          | 1          | T                       | J            | 7          | 1         |        | $\top$    | hc          |  |
|    | BCR                          | EEN          | IIN                                   | 3 M               | ATF                         | n x       | FIN  | DIN          | G8            | 80        | MM           | Y RA       | ,    |               |                               | \                 | \              | \                             | \                 | \           | /                   | 1/2                                    | Y                    |               |           | 1           | 1         | 1          |            |                         | 1            |            |           | _      | T         | <u>_</u> 11 |  |
|    | <b>X</b>                     |              |                                       | •                 |                             |           |      |              |               |           |              |            |      |               |                               |                   |                | \                             | \                 | \           | /                   | 1                                      |                      |               |           |             | 1         | 1          | 1          |                         | J            |            |           | _      |           | <u>_</u> 12 |  |
|    |                              |              |                                       |                   | E EF                        |           |      |              |               |           |              |            |      |               |                               |                   |                | •                             |                   |             | <u>\</u>            | /"                                     |                      |               |           |             |           |            |            | $\rfloor$               | I            | $\Box$     | J         | floor  | I         | _h3         |  |
|    |                              |              |                                       |                   | E EF                        |           |      |              |               |           |              | TED        |      |               |                               |                   |                |                               | `                 | \           | /                   | 1/8                                    | T                    |               |           |             | J         | J          |            | floor                   | $oxed{\int}$ | $\Box$     |           |        | $\prod$   | ]×          |  |
|    | 님                            |              |                                       |                   | 1 INF                       |           |      |              |               |           |              |            |      |               |                               |                   |                |                               |                   |             | Λ,                  | 1                                      | 7                    |               |           |             | $\rfloor$ | J          | $\int$     | $oldsymbol{\mathbb{I}}$ |              |            |           | J      | I         | ]\t         |  |
|    | ل                            | 8            | GN                                    | IF IC             | ANT                         | AD        | VER: | SE (         | EFFE          | CTE       | 5            |            |      |               |                               |                   |                |                               |                   |             | •                   | 1, 3                                   | 1                    |               |           | $\prod$     | $\prod$   | $\rfloor$  |            | $\rfloor$               | J            | $\Box$     |           | $\Box$ | $\rfloor$ | _h6         |  |
|    |                              |              |                                       |                   |                             |           |      |              | $\Box$        | MOI       | NIT          | RIN        | 0 A  | ΕO            | UIRE                          | D                 |                |                               |                   |             |                     | 25                                     |                      |               | $\Box$    | I           | 1         | $\Box$     | $\Box$     | $\rfloor$               | I            | floor      | $\Box$    | J      | $\int$    | <u></u> 117 |  |
|    |                              |              |                                       |                   |                             |           |      |              | L.            | _,_,      |              |            | - •• |               |                               | _                 |                |                               |                   |             |                     |  |                      | -1-           | 907       | • !-        | DIT       | וזרי       | ٠ ، م      |                         | 7.5          | : ::.      | 1.1       | n      |           |             |  |

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WRB - SUMMARY WORK PLANS INDICATING PRELIMINARY ENVIRONMENTAL SCREENING DECISIONS

1) Page <u>1</u> of/de <u>5</u>

FILE/DOSSIER 0134B

GRB ONTABIO REGION
CONTRACT-SUMMARY OF WORK PLANS 1986-87
(PERFORMANCE REPORT)

Initial X
6 Month/mois
9 Month/mois
12 Month/mois

DGE!
CONTRAT-RESURS DES PLANS DE TRAVAIL DE 1986/1987
(RAPPORT DE RENDERENT)

(Revised to reflect environmental screening decisions)

GOALS BUTS PERFORMANCE INDICATORS INDICATEURS DE RENDEMENT PRELIMINARY ENVIR. SCREENING DECISIONS

RESULTS OF ACHIEVEMENTS
RESULTATS OU ACCOMPLISSEMENTS

# 1.1 <u>Ganadian-US</u> and <u>Interjurisdictional Water</u> Water Hanagement

 Provide scientific and engineering support, data and information to Boards of Control, committees and agencies associated with water management of the Great Lakes and Interconnecting Channels. (A-1-A, A-1-B) Conduct measurement program on American Falls Channel and Niagara River (Ashland Ave.) and provide data to Niagara Working Committee by Jan. 30, 1987; Heasurement program on St. Mary's river in August to further assess flow distribution around Sugar Island; Reasurement program on Welland Canal to verify new curve and report by Jan.30, 1987.

SO

 Participate in Federal/Provincial studies related to Annex III of GLWQA regarding diffuse sources of phosphorus (A-1-F) Attend meetings of Can/Ont. Environmental Monitoring and Modelling and Southwestern Ontario Soil and Water Quality Enhancement Program Technical Committees, construct 6 hydrometric stations on pilot watersheds by Dec. 16 and begin operation by Har. 31, 1987

FSR

#### 1.4 Water Quantity Management Data

 Water level, streamflow, sediment and other related data in accordance with national standards and Cost Share Agreement for 414 active hydrometric and sediment locations
 discharge stations, 13 water level stations and collections of sediment data at 38 stations). (A-1-A) (C-1-A) Approved 1985 water level and streamflow data submitted to HQs by Eay 1; approved sediment data submitted by Nov. 1; analyze approximately 1800 suspended sediment samples; implementation of Quality Assurance Program for 1986/87; record loss for 90% of stations will not exceed 10% during period of operation

SO

\* refers to goals in detailed Brench Work Plans

### FILE/DOSSIER 01348\_

| GOALS<br>BUTS  | PERFORMANCE INDICATORS INDICATEURS DE RENDEMENT   | PRELIMINARY ENVIR.<br>SCREENING DECISIONS | RESULTS OR ACHIEVEMENTS<br>RESULTATS OU ACCORPLISSERENTS |
|--|---|---|--|
| <ol> <li>Timely, efficient and effective management<br/>of the Can/Oat. Cost Sharing Agreement for<br/>Water Quantity Surveys (A-1-B)</li> </ol> | Hold at least one meeting of Coord. Committee;<br>Complete Annual Report by Aug. 31; Schedule D<br>prepared by Barch 15.  | so  | •  |
| 5. Construct, maintain and operate 34 TVL stations under DFO/DOE MOU, (A-1-C)  | Attend one meeting of Begional TWL Coordinating Committee: prepare IWD Ont. Region input for Annual Report all charts to MEDs by 15th day of following month; provide written explanation of record losses to CHS when requested; complete maintenance at 5 stations  | SO .                                      |  |
| 6. Provision of effective management, administration and implementation of the Water Resources Brench program (&-1-D)                            | by Dec. 31.  Completion of all administrative and financial input and reports as required, including monthly activities reports, LTOPS, Work Plans Hain Estimates, performance reports on Work Plans, and annual performance appraisals; hold WRB Management Team meetings on monthly basis, attend IWD management meetings as required; hold two supervisor meetings and two UMC meetings; hold one regional workshop; implement formal project activity reporting system for management purposes. | \$0                                       |  |

FILE/DOSSIER 0134B

| GOALS<br>BUTS   | PEMPORMANCE INDICATORS INDICATEURS DE RENDEMENT  | PRELIMINARY ENVIR.<br>SCREENING DECISIONS | RESULTS OR ACHIEVEHENTS RESULTATS OU ACCOMPLISSEMENTS |
|---|--|---|---|
| <ol> <li>Timely and efficient provision of data and<br/>streamflow forecasting input data to external<br/>and internal requests. (C-1-B)</li> </ol>                           | Respond to 90% of 500 routine and standing requests involving 3000 station years of records within two working days of receipt of request or by due date for standing requests; complete all statistical data for Data Users report by June 29, 1925; continue development and implementation of procedures for disseminating real-time data and colaborate with EQs on formulation of real time data policy; provide monthly run-off data for selected watersheds in Great Lakes Basin to selected users by end of following month, complete plans for Data Users Workshop in 66/88 by March 31 (dependent upon finalization of real-time data policy and procedures) | SO  |   |
| <ol> <li>Evaluation, development, and implementation<br/>of new or improved equipment and methods for<br/>hydrometric/sediment data collection.<br/>(D-1-A, D-1-B)</li> </ol> | Continue evaluation of modified sediment pumping sampler (PS82) and prepare internal report by March 31; installation of microcomputers in each sub-office (dependent upon availability of funds); complete automated technical reference system by April 30; install 4 DCPs (completion of entire program is dependent upon provincial cost sharing).   | <b>5</b> 0                                |   |

FILE/DOSSIER 01348

COALS BUTS

- Construction of new and reconstruction of existing hydrometric stations. Haintenance and upgrading of operational hydrometric survey gauging stations. (8 new stations, 10 major maintenance projects). (E-1-A, E-1-B)
- 10. Provision of analysis and interpretation of hydrologic and sediment data for network planning, design, evaluation, and for other water management purposes and continue on-going evaluation of hydrometric sediment networks.

#### PERFORMANCE INDICATORS INDICATEURS DE RENDEMENT

Complete, within budget, entire construction program by March 31, screen all construction activities for environmental impacts, carry out reconnaissance at 7 potential new sites, complete report on 1985/86 construction program by June 1

Implement 6 new models/programs by March 31, prepare report on cost-effectiveness pilot study for Grand River at Marsville station by Sept. 1, 1986; provide continuing support to AES re climate change study; implement Phase II of report on Sediment Issues and Data Needs (dependent upon availability of resources); prepare draft report on status of present hydrometric network by Sept. 30; continue review of all F and F/P stations and update WRB priority by July 31.

PRELIMINARY ENVIR. SCREENING DECISIONS

RESULTS OR ACHIEVEMENTS
RESULTATS OU ACCOMPLISSEMENTS

FSR

SO

1) Page 5 of/de 5

FILE/DOSSIER 01348

GOALS BUTS

#### PERFORMANCE INDICATORS INDICATEURS DE RENDEMENT

PRELIMINARY ENVIR.

RESULTS OR ACHIEVERENTS
RESULTATS OU ACCOMPLISSEMENTS

- 4.3 Environmental Assessment and Bescline Studies
  - Provide IWD input to environmental assessment activities, and hydrometric and sediment baseline data for specific projects (A-1-A, A-2-A, B-2-A)

Continue to act as IWD representative on RSCC; provide technical advice on projects as required (dependent upon priorities); apply IWD screening guidelines to all WRB projects, operate 3 bydrometric stations for EHR at Elliot Lake and 2 stations for Transport Canada at Hamilton Airport.

50

L. J. Kamp Accountable Hanager J. Camp

April 1/86
Date

#### ENVIRONHENTAL SCREENING

All activities identified in the goals and performance indicators of this work plan have been reviewed in accordance with the IWD/OR Environmental Screening Guidelines. Aside from those activities designated for FCERAL SCREENING, it has been determined that the implementation of this work plan will not result in any undue edverse effects on the anvironment.

General TI (Camp

 $\underline{A} \ \underline{P} \ \underline{P} \ \underline{E} \ \underline{N} \ \underline{D} \ \underline{I} \ \underline{X} \qquad \underline{3}$ 

ACTIVITY SCREENING REGISTERS AND REPORTS

## Environment Canada

#### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - 86 - 001   | DATE: MAR. 20, 1986                          |
|--|--|
| ACTIVITY IDENTIFICATION  |  |
| TITLE:   | LOCATION:                                    |
| Construction of gauge well and shelter   | WYEBRIDGE                                    |
| INITIATOR/SPONSOR: Water Resources Branch  | ESTIMATED COST: 5K                           |
| ACTIVITY DESCRIPTION   |  |
| PURPOSE/NATURE OF ACTIVITY:  | LAND/WATER AREA AFFECTED:                    |
| Monitor water level fluctuations in river/stream                                 | WYE RIVER                                    |
| AGENCIES INVOLVED:   | CONTRACTURAL ARRANGEMENT:                    |
| Water Survey of Canada   | -Contract Services of backhoe for excavation |
| WORK PLAN:   | -purchase and delivery of concret            |
| -excavate hole and trench to river/stream  | -purchase and delivery of rock an            |
| <pre>-install corrugated steel culvert with intake -pipes leading to river</pre> | gravel fill                                  |
| -backfill around gauge   |  |
| -construct shelter on concrete footings  | OTHER PROJECT COMPONENTS                     |
| WORK SCHEDULE:   | SUBJECT TO SEPARATE SCREENING:               |
|  |  |
|  | None   |
| DREI MINIARY CORESINA PECHI TO   |  |
| PRELIMINARY SCREENING RESULTS  |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING:                               |  |
| Excavation on stream bank and bed could temporaril aquatic environment.          | y affect water quality and disrupt           |
|  |  |
|  |  |
| D. T. Marchile/Academant Davidson 1 Produces                                     |  |
| R. J. Myslik/Assistant Regional Engineer PREPARED BY: (NAME & TITLE)             | DATE:  |
|  |  |
| L.J. KAMP  | 86-04-02                                     |
| REGISTERED BY: REGIONAL EARP COORDINATOR   | DATE:  |

## 🛮 🌳 Environment Canada

#### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: SURB - 86-002  | DATE: MAR. 20, 1986   |
|--|---|
| ACTIVITY IDENTIFICATION  | <u> </u>  |
| TITLE: Construction of gauge well and shelter  | LOCATION:<br>AYLMER   |
| INITIATOR/SPONSOR: Water Resources Branch  | ESTIMATED COST: 8K  |
| ACTIVITY DESCRIPTION   |   |
| PURPOSE/NATURE OF ACTIVITY: Monitor water level fluctuations in river/stream   | LAND/WATER AREA AFFECTED:  CATFISH CREEK  |
| AGENCIES INVOLVED: Water Survey of Canada  | CONTRACTURAL ARRANGEMENT: -Contract Services of backhoe for excavation                  |
| WORK PLAN -excavate hole and trench to river/stream -install corrugated steel culvert with intake pipes leading to river | -purchase and delivery of concrete<br>-purchase and delivery of rock and<br>gravel fill |
| -backfill around gauge -construct shelter on concrete footings WORK SCHEDULE:  | OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING:                                 |
|  | None  |
| PRELIMINARY SCREENING RESULTS  |   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING  |   |
| Excavation on stream bank and bed could temporaril aquatic environment.  | y affect water quality and disrupt  |
|  |   |
|  |   |
| R. J. Myslik/Assistant Regional Engineer   | Mar. 20/86  |
| PREPARED BY: (NAME & TITLE)  | Mar. 20/86<br>DATE:<br>86/04/02   |
| L.J. KAMP  | 61.104/07   |

## Environment Canada

🛊 Attach extra pages, as required

#### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

## ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WRB-86-00/ ACTIVITY: CONSTRUCT ION OF GAUGE SHELTER WYE BLUER / WYE BRIDGE

| PRESENT USE/ZONING:                                       | PREVIOUS DISTURBANCE:                    |
|---|--|
| TOWNSHIP ROAD ALLOWANCE                                   | NONF                                     |
| ENVIRONMENTAL RESOURCE VALUES:                            |  |
|   |  |
| EFFLUENT MONITORING                                       |  |
|   |  |
|   |  |
|   | ·  |
|   |  |
| SCREENING RESULTS   |  |
| AS INDICATED ON MATRIX                                    | · X AS DESCRIBED BELOW                   |
| POTENTIAL EFFECTS, SEVERITY, DURATION                     | ; <b> </b>                               |
|   | ort duration project and is localized to |
| small area. No major sediment proble                      | em will potentially damage the aquatic   |
| nvironment.   | · · · · · · · · · · · · · · · · · · ·    |
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|   |  |
|   |  |
| IATURE/EXTENT OF PUBLIC CONCERN RE:                       | ACTIVITY:                                |
| NATURE/EXTENT OF PUBLIC CONCERN RE:                       | ACTIVITY:                                |
| NATURE/EXTENT OF PUBLIC CONCERN RE:                       | ACTIVITY:                                |
| <u>}</u>  | ACTIVITY:                                |
| <u>}</u>  | ACTIVITY:                                |
| MITIGATIVE MEASURES:                                      | <del></del>                              |
| ITIGATIVE MEASURES: Stream Bank Stabalization to prevent  | <del></del>                              |
| MITIGATIVE MEASURES:                                      | <del></del>                              |
| IITIGATIVE MEASURES: Stream Bank Stabalization to prevent | <del></del>                              |

| SCREENING PROCEDURES USED                     |   |   |  |
|---|---|---|--|
| INFORMATION SOURCES:                          | er en | A CONTRACTOR OF THE PARTY STREET, A STREET, A CONTRACTOR OF THE PARTY STREET, A CONTRACTOR OF THE PARTY STREET, | o o jejo o vysto i stani o kieloviji og i te sikipilijali i i oprogramilistaciji i te je |
| LITERATURE CONSULTED Attach list of titles/na | UNPUBLISHED ames as appropriate           |   | CONSULTATION gories.   |
| X SITE RECONNAISSANCE DATE                    | :   | Attach maps p   | hotos, plans, if available   |
| OTHER SPECIFY:                                | al Conser                                 | vation A  | uthority   |
| FORMAL SCREENING FINDINGS                     |   |   |  |
| 1.ADVERSE ENVIRONMENTAL EFFECTS               | ARE NOT SIGNIFICA                         | ANT OR CAN BE   | MITIGATED. X   |
| 2.ADVERSE ENVIRONMENTAL EFFECTS               | ARE NOT ADEQUAT                           | ELY KNOWN.  |  |
| 3.ADVERSE ENVIRONMENTAL EFFECTS               | ARE SIGNIFICANT.                          |   | û  |
| ACTIVITY IMPLEMENTATION DECI                  | SION                                      |   |  |
| 1. ACTIVITY MAY PROCEED - WITHOUT - WITH      | MITIGATING MEASU                          |   | $\boxtimes$  |
|   | MONITORING REQU                           | IRED  | Ħ  |
| 2. FURTHER STUDIES NEEDED - SCOPE NOT MA      | AND COSTS OF ACATERIALLY AFFECT           | CTIVITY<br>ED   |  |
| 3. I.E.E. RECOMMENDED                         |   |   |  |
| 4. E.I.S. RECOMMENDED                         |   |   |  |
|   |   |   |  |
|   | SIGNATURE: INIT                           | yolik<br>Yator/rc man   | Mar20/86<br>AGER DATE  |
| APPROVAL)  I.E.E. REQUI                       | IRED                                      | E.I.S. REQU   | URED   |
|   |   |   |  |
| DECISION REGISTERED COMMENTS:                 | SIGNATURE: REC                            | GIONAL DIRECTO  | DATE   |
|   | SIGNATURE! REG                            | CAMP<br>TONAL EXAP CO   | 86/04/02   |

## 🛮 🏶 Environment Canada

### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WEB-86-002 ACTIVITY: NEW GAUGE & Shelter Tustallation CATEISH CREEK/ALYMER

| ENVIRONMENTAL RESOURCE VALUES: \$  EFFLUENT DILLUTION & WATER SUPPLY  SCREENING RESULTS  AS INDICATED ON MATRIX  (TO BE USED AS OPTIONAL AID)  POTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: \$  Excavation to the stream bank is a short duration project and is localized to a small area. No major sediment problem will potentially damage the aquatic environment.  NATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  RESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS  | PRESENT USE/ZONING:  | PREVIOUS DISTURBANCE:                |
|--|--|--------------------------------------|
| EFFLUENT DILLUTION & WATER SUPPLY    AS INDICATED ON MATRIX  | TOWNSHIP ROAD ALLOWANCE  | NONE                                 |
| AS INDICATED ON MATRIX  AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS:  xcavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic nvironment.  INTIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  ONITORING REQUIREMENTS   | ENVIRONMENȚAL RESOURCE VALUES: 🕸   |                                      |
| CREENING RESULTS  AS INDICATED ON MATRIX [TO BE USED AS OPTIONAL AID]  AS DESCRIBED BELOW  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: **  ACCOUNTED TO THE SECOND SERIOUS EFFECTS: **  ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  ATURE A |  |                                      |
| AS INDICATED ON MATRIX  (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS. SEVERITY. DURATION. RISK OF SERIOUS EFFECTS: **  Excavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic nuironment.  ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  ITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  ONITORING REQUIREMENTS   | EFFLUENT DILLUTION > WA  | ITER JUPPLY                          |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  xcavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic nvironment.  INTURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  INTIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  ONITORING REQUIREMENTS  |  |                                      |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  xcavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic nvironment.  INTURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  INTIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  ONITORING REQUIREMENTS  |  |                                      |
| AS INDICATED ON MATRIX  (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  Excavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic nvironment.  INTURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  INTIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  ONITORING REQUIREMENTS  |  |                                      |
| AS INDICATED ON MATRIX  (TO BE USED AS OPTIONAL AID)  POTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS:   Excavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic invironment.  MATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  MESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS   |  |                                      |
| AS INDICATED ON MATRIX  (TO BE USED AS OPTIONAL AID)  POTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  Excavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic nvironment.  INTURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  HITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  ONITORING REQUIREMENTS   |  |                                      |
| Cotential effects, severity, Durantion, Risk Of Serious effects: **  Excavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic environment.  NATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources RESIDUAL IMPACTS:  NONE  NONE  | SCREENING RESULTS  |                                      |
| POTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: **  Excavation to the stream bank is a short duration project and is localized to a small area. No major sediment problem will potentially damage the aquatic environment.  NATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  WITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources RESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS  | AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)                                    | AS DESCRIBED BELOW                   |
| NATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  WITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources RESIDUAL IMPACTS:  NONE   |  | ISK OF SERIOUS EFFECTS: 🌣            |
| NATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources RESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS  | excavation to the stream bank is a short   | duration project and is localized to |
| NATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources RESIDUAL IMPACTS:  NONE HONITORING REQUIREMENTS   |  | will potentially damage the aquatic  |
| MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  RESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS  | invironment.   |                                      |
| MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  RESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS  |  | •                                    |
| MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  RESIDUAL IMPACTS:  NONE  RONITORING REQUIREMENTS  |  |                                      |
| MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  RESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS  |  |                                      |
| MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  RESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS  | •  |                                      |
| MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  RESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS  |  |                                      |
| MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  RESIDUAL IMPACTS:  NONE  MONITORING REQUIREMENTS  |  |                                      |
| Stream Bank Stabalization to prevent Potential Sediment Sources ESIDUAL IMPACTS: NONE ONITORING REQUIREMENTS   |  |                                      |
| Stream Bank Stabalization to prevent Potential Sediment Sources RESIDUAL IMPACTS: NONE RONITORING REQUIREMENTS   |  |                                      |
| Stream Bank Stabalization to prevent Potential Sediment Sources RESIDUAL IMPACTS: NONE MONITORING REQUIREMENTS   | NATURE/EXTENT OF PUBLIC CONCERN RE: ACT  | TIVITY:                              |
| Stream Bank Stabalization to prevent Potential Sediment Sources RESIDUAL IMPACTS: NONE MONITORING REQUIREMENTS   | NATURE/EXTENT OF PUBLIC CONCERN RE: ACT  | TIVITY:                              |
| NONE MONITORING REQUIREMENTS   | NATURE/EXTENT OF PUBLIC CONCERN RE: ACT  | FIVITY:                              |
| NONE MONITORING REQUIREMENTS   | ·  | TIVITY:                              |
| NONE MONITORING REQUIREMENTS   |  | TIVITY:                              |
| NONE MONITORING REQUIREMENTS   | MITIGATIVE MEASURES:   |                                      |
| MONITORING REQUIREMENTS  | AITIGATIVE MEASURES:<br>Stream Bank Stabalization to prevent Pot                       |                                      |
|  | MITIGATIVE MEASURES:<br>Stream Bank Stabalization to prevent Pot<br>RESIDUAL IMPACTS:  |                                      |
| ite Inspection after Completion of Project   | MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Pot RESIDUAL IMPACTS:  NONE |                                      |
|  | MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Pot RESIDUAL IMPACTS:  NONE |                                      |

| SCREENING PROCEDURES USE                   | ED  |  |                          |
|--|---|--|--------------------------|
| INFORMATION SOURCES:                       |   |  |                          |
| LITERATURE CONSULTED  Attach list of title | UNPUBLISHED es/names as appropriat        |  | CONSULTATION             |
| · · ·                                      | DATE:                                     | ٦  | . plans, it available.   |
| OTHER SPECIFY:                             |   | The state of the s | T prairie in a variable. |
| Local                                      | CONSERVATION                              | AUTHORITY  |                          |
| FORMAL SCREENING FINDINGS                  |   |  |                          |
| 1.ADVERSE ENVIRONMENTAL EFFEC              | CTS ARE NOT SIGNIFIC                      | ANT OR CAN BE MITI   | GATED.                   |
| 2.ADVERSE ENVIRONMENTAL EFFEC              | CTS ARE NOT ADEQUAT                       | ELY KNOWN.   |                          |
| 3.ADVERSE ENVIRONMENTAL EFFEC              | CTS ARE SIGNIFICANT.                      |  |                          |
| ACTIVITY IMPLEMENTATION D                  | ECISION                                   |  |                          |
| 1. ACTIVITY MAY PROCEED - WITHO            | DUT MITIGATING MEASI                      | URES   |                          |
| - w  | ITH MITIGATING MEASE                      | URES   | $\overline{\sqcap}$      |
|  | MONITORING REQU                           | HRED   | ñ                        |
| 2. FURTHER STUDIES NEEDED - SC NO          | OPE AND COSTS OF A<br>T MATERIALLY AFFECT |  |                          |
| 3. I.E.E. RECOMMENDED                      |   |  |                          |
| 4. E.I.S. RECOMMENDED                      |   |  |                          |
|  | _   |  |                          |
|  | SIGNATURE: INI                            | Myslik<br>Hator/pc manager   | Mar. 20/86               |
| APPROVAL I.E.E. R                          | EQUIRED                                   | E.I.S. REQUIRED  |                          |
| COMMENTS:                                  |   |  |                          |
|  |   |  | ·                        |
|  | •   |  |                          |
|  | SIGNATURE: RE                             | GIONAL DIRECTOR  | DATE                     |
| DECISION REGISTERED                        | ordannione. Het                           | C.CARL DINLOTON  | DATE                     |
| COMMENTS:                                  |   |  |                          |
|  | / 1                                       | /  |                          |
|  | $\mathcal{L}$                             | 1/2000   |                          |



### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WEB-86-003  | DATE: MAR DO 1001                            |
|---|--|
| ACTIVITY REGISTER NUMBER: WRB-86-003  | MAR. 20, 1986                                |
| ACTIVITY IDENTIFICATION   | (  |
| TITLE: Construction of gauge well and shelter   | LOCATION:                                    |
| Constitution of gauge west and onesees  | THUNDER BAY                                  |
| INITIATOR/SPONSOR: Water Resources Branch   | ESTIMATED COST: 9.5 K                        |
| ACTIVITY DESCRIPTION  |  |
| PURPOSE/NATURE OF ACTIVITY:   | LAND/WATER AREA AFFECTED:                    |
| Monitor water level fluctuations in river/stream  | McINTYRE RIVER                               |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT:                    |
| Water Survey of Canada  | -Contract Services of backhoe fo excavation  |
| WORK PLAN:  | -purchase and delivery of concre             |
| -excavate hole and trench to river/stream -install corrugated steel culvert with intake | -purchase and delivery of rock a gravel fill |
| pipes leading to river  | Braver FIII                                  |
| -backfill around gauge  | OTHER PROJECT COMPONENTS                     |
| -construct shelter on concrete footings   | SUBJECT TO SEPARATE SCREENING:               |
| WORK SCHEDULE:  |  |
|   | None   |
|   |  |
|   |  |
| PRELIMINARY SCREENING RESULTS   |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING                                       | :  |
| Excavation on stream bank and bed could temporariaquatic environment.                   | ly affect water quality and disrupt          |
|   |  |
|   |  |
|   |  |
| R. J. Myslik/Assistant Regional Engineer  | Mar 22 1081                                  |
| PREPARED BY: (NAME & TITLE)   | DATE:  |
| L. J. HAMP  | War. 20, 1986<br>DATE:<br>86 104102          |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:  |

### Environment Canada

### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

#### ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WRB-86-003
ACTIVITY: Gauge + Well Installation
McIntyre River/Thumber Bay

| RESENT USE/ZONING:   | PREVIOUS DISTURBANCE:                      |
|--|--|
| MUNICIPALITY THUNDER BAY   | NONF.                                      |
| NVIRONMENTAL RESOURCE VALUES:  |  |
| •  | ·  |
| DILLUTION OF PLANT E   | FEL US. G                                  |
| DILLWION OF I LANT   | Caedl                                      |
|  |  |
|  |  |
|  |  |
| aki da pinati (a, dalami dikantugan, pada dimpinapanaka o pingani dikangan, ada, ada, di mayan yangan, anda  |  |
| CREENING RESULTS   |  |
| AS INDICATED ON MATRIX   | AS DESCRIBED BELOW                         |
| TO BE USED AS OPTIONAL AI OTENTIAL EFFECTS, SEVERITY, DURATI   | U)   <del>[ ]</del>                        |
|  | short duration project and is localized to |
| cavacion to the Stream pank is a s   |  |
| small area. No major sediment prot   | olem will notentially damage the aquatic   |
| small area. No major sediment prob   | olem will potentially damage the aquatic   |
| small area. No major sediment protovironment.  | olem will potentially damage the aquatic   |
| small area. No major sediment prob   | olem will potentially damage the aquatic   |
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| small area. No major sediment prob   | olem will potentially damage the aquatic   |
| small area. No major sediment prob   | olem will potentially damage the aquatic   |
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| small area. No major sediment prob   | olem will potentially damage the aquatic   |
| small area. No major sediment prot   | olem will potentially damage the aquatic   |
| small area. No major sediment prot   | olem will potentially damage the aquatic   |
| small area. No major sediment prot   | olem will potentially damage the aquatic   |
| small area. No major sediment protovironment.  | olem will potentially damage the aquatic   |
| small area. No major sediment protovironment.  ATURE/EXTENT OF PUBLIC CONCERN RE   | E: ACTIVITY:                               |
| Small area. No major sediment protovironment.  ATURE/EXTENT OF PUBLIC CONCERN RESTRICTION OF PUBLIC CONCERN RESTRICTION OF PUBLIC CONCERN RESTRICTION TO PREVENTION TO PREPARE P | E: ACTIVITY:                               |
| STATURE/EXTENT OF PUBLIC CONCERN RESTRICTION BANK Stabalization to prevented the provented by the stabalization of the prevented by the stabalization of the stabali | E: ACTIVITY:                               |
| Small area. No major sediment protovironment.  ATURE/EXTENT OF PUBLIC CONCERN RESTRICTION OF PUBLIC CONCERN RESTRICTION OF PUBLIC CONCERN RESTRICTION TO PREVENTION TO PREPARE P | E: ACTIVITY:                               |

| SCREENING PROCEDURES L                                   | JSED                           |  |                          |
|--|--------------------------------|--|--------------------------|
| INFORMATION SOURCES:                                     |                                |  |                          |
| LITERATURE CONSULTED                                     | <del></del>                    | ISHED INFORMATION ropriate for above categor   | CONSULTATION             |
| SITE RECONNAISSANCE                                      | DATE:                          |  | es, plans, it available. |
| OTHER SPECIFY:   |                                | The state of the s | oo, plans, ii available. |
| Loca   | L CONSERI                      | MATION AUTHORIT  | Υ                        |
| FORMAL SCREENING FINDIN                                  | IGS                            |  | :                        |
| 1.ADVERSE ENVIRONMENTAL EF                               | FECTS ARE NOT SIG              | GNIFICANT OR CAN BE M  | ITIGATED. 💢              |
| 2.ADVERSE ENVIRONMENTAL EFF                              |                                | •  |                          |
| 3.ADVERSE ENVIRONMENTAL EF                               |                                | •  |                          |
| ACTIVITY IMPLEMENTATION                                  | DECISION                       |  | ·                        |
| 1. ACTIVITY MAY PROCEED - WI 2. FURTHER STUDIES NEEDED - | - WITH MITIGATING - MONITORING | MEASURES<br>REQUIRED   |                          |
|  | NOT MATERIALLY A               |  | Ļ                        |
| 3. I.E.E. RECOMMENDED 4. E.I.S. RECOMMENDED              |                                |  |                          |
|  | SIGNATUR                       | ent I Myslik<br>RE: INITIATORIJIC MANAG  | May 20/86<br>ER DATE     |
| APPROVAL L.E.E   | . REQUIRED                     | E.I.S. REQUIRE   | -n                       |
| COMMENTS:  |                                | 23 27701 112401111   | ,                        |
|  |                                | ,  |                          |
| ·  |                                |  |                          |
|  |                                |  |                          |
| DECICION DECICTEDED                                      | SIGNATUR                       | E: REGIONAL DIRECTOR   | DATE                     |
| DECISION REGISTERED COMMENTS:                            |                                | •  |                          |
| COMMENTS.  |                                | L. J. lan  | yp 86/04/02              |
| •  | SIGNATUR                       | E: REGIONAL EARP COOR  | DINATOR DATE             |



#### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WEB - 46 - 0014   | DATE: MAR 20,1986   |
|---|---|
| ACTIVITY IDENTIFICATION   | :   |
| TITLE:  | LOCATION:   |
| Construction of gauge well and shelter  | MARMORA   |
| NITIATOR/SPONSOR: Water Resources Branch  | ESTIMATED COST:   |
| ACTIVITY DESCRIPTION  |   |
| PURPOSE/NATURE OF ACTIVITY:   | LAND/WATER AREA AFFECTED:   |
| Monitor water level fluctuations in river/stream  | BEAVER CREEK  |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT:   |
| Water Survey of Canada  | -Contract Services of backhoe for excavation  |
| WORK PLAN  -excavate hole and trench to river/stream  -install corrugated steel culvert with intake  pipes leading to river  -backfill around gauge                 | -purchase and delivery of concret<br>-purchase and delivery of rock at<br>gravel fill |
| -construct shelter on concrete footings   | OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING:                               |
| WORK SCHEDULE:  |   |
|   | None  |
|   |   |
|   |   |
| PRELIMINARY SCREENING RESULTS   |   |
| PRELIMINARY SCREENING RESULTS CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING   | ;   |
|   | •   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING Excavation on stream bank and bed could temporaril  | •   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING Excavation on stream bank and bed could temporaril  | •   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING Excavation on stream bank and bed could temporaril aquatic environment.   | ly affect water quality and disrupt   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING Excavation on stream bank and bed could temporaril aquatic environment.  R. J. Myslik/Assistant Regional Engineer | ly affect water quality and disrupt   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING Excavation on stream bank and bed could temporaril aquatic environment.   | •   |

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#### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WRB-86-004
ACTIVITY: CONSTRUCTION OF GAUGE & SHELTER
BEAVER CREEK MARMORA

| PRESENT USE/ZONING:  | PREVIOUS DISTURBANCE:                   |
|--|---|
| TOWNSHIP ROAD ALLOWAND   | CE NONE                                 |
| ENVIRONMENTAL RESOURCE VALUES:   |   |
| ·  | •                                       |
|  |   |
| RECREATIONAL & WATER   | SUPPLY                                  |
| 1  |   |
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| political de la limitativa de la companio del la companio de la companio del la companio de  la companio de  la companio del la companio del la companio del la companio della companio de |   |
| CREENING RESULTS   | ·                                       |
| AS INDICATED ON MATRIX   | X AS DESCRIBED BELOW                    |
| OTENTIAL EFFECTS, SEVERITY, DURATION   |   |
|  | rt duration project and is localized to |
| small area. No major sediment problem  | m will potentially damage the aduation  |
|  | i i i i i i i i i i i i i i i i i i i   |
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| nvironment.  |   |
| NVITONMENT.  | ACTIVITY:                               |
| nvironment.  | ACTIVITY:                               |
| nvironment.  | ACTIVITY:                               |
| nvironment.  | ACTIVITY:                               |
| ATURE/EXTENT OF PUBLIC CONCERN RE: A   | ACTIVITY:                               |
| ATURE/EXTENT OF PUBLIC CONCERN RE: A   |   |
| ATURE/EXTENT OF PUBLIC CONCERN RE: A  ITIGATIVE MEASURES:  Stream Bank Stabalization to prevent P  |   |
| ATURE/EXTENT OF PUBLIC CONCERN RE: A  ITIGATIVE MEASURES:  Stream Bank Stabalization to prevent P  |   |
| ATURE/EXTENT OF PUBLIC CONCERN RE: A   |   |
| ATURE/EXTENT OF PUBLIC CONCERN RE: A  ITIGATIVE MEASURES:  Stream Bank Stabalization to prevent P  ESIDUAL IMPACTS:  |   |

| SCREENING PROC      | EDURES USED   |  |                                |                         |
|---------------------|---------------|--|--------------------------------|-------------------------|
| INFORMATION SOURCE  | ES:           |  |                                |                         |
| LITERATURE C        |               | UNPUBLISHED                            |                                | CONSULTATION            |
| SITE RECONNA        |               | /names as appropriat<br>ATE:           | <b>¬</b>                       |                         |
|                     | SPECIFY:      |  | Attach maps photo              | s, plans, it available. |
|                     | LOCAL         | CONSERVATION                           | . Authority                    |                         |
| FORMAL SCREENIN     | vg findings   |  |                                |                         |
| 1.ADVERSE ENVIRONM  | MENTAL FEFECT | S ARE NOT SIGNIFIC                     | ANT OR CAN BE MIT              | IGATED.                 |
| 2.ADVERSE ENVIRONM  |               |  | •                              |                         |
| 3.ADVERSE ENVIRONM  |               |  | eer knomm.                     |                         |
| ACTIVITY IMPLEME    | ENTATION DE   | CISION                                 |                                |                         |
| 1. ACTIVITY MAY PRO | CEED - WITHOU | T MITIGATING MEASU                     | JRES                           | X                       |
|                     | - WIT         | H MITIGATING MEASL                     | JRES                           |                         |
|                     | ,             | MONITORING REQU                        | IRED                           |                         |
| 2. FURTHER STUDIES  |               | PE AND COSTS OF A<br>MATERIALLY AFFECT |                                |                         |
| 3. I.E.E. RECOMMEND | ED            |  |                                |                         |
| 4. E.I.S. RECOMMEND | ED            |  |                                |                         |
|                     |               | Labort<br>SIGNATURE: INI               | - J Myslik<br>TIATOR/RO MANAGE | Mario/86  B DATE        |
| APPROVAL            | I.E.E. REC    | DUIRED                                 | E.I.S. REQUIRE                 | D                       |
| COMMENTS:           |               | •                                      |                                |                         |
|                     |               |  |                                |                         |
|                     | •             |  |                                |                         |
|                     |               | CIONATURE, DE                          | NONAL DIDECTOR                 |                         |
| DECISION REGISTE    | ERED          | SIGNATURE: REC                         | GIONAL DIRECTOR                | DATE                    |
|                     |               |  |                                |                         |
|                     |               |  | 1. lamp                        | . 86/04/0z              |
|                     |               | SIGNATURE: REG                         | SIONAL EARP COORD              | INATOR DATE             |

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#### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB-86 - 005  | DATE: MAR 20, 1986  |
|---|---|
| ACTIVITY IDENTIFICATION   | <u> </u>  |
| TITLE: Construction of gauge well and shelter   | LOCATION:  SAUBLE FALLS   |
| INITIATOR/SPONSOR: Water Resources Branch   | ESTIMATED COST: 5K  |
| ACTIVITY DESCRIPTION  |   |
| PURPOSE/NATURE OF ACTIVITY:  Monitor water level fluctuations in river/stream   | LAND/WATER AREA AFFECTED:  SAUBLE RIVER   |
| AGENCIES INVOLVED:<br>Water Survey of Canada  | CONTRACTURAL ARRANGEMENT: -Contract Services of backhoe for excavation                |
| work PLAN -excavate hole and trench to river/stream -install corrugated steel culvert with intake pipes leading to river -backfill around gauge | -purchase and delivery of concret<br>-purchase and delivery of rock an<br>gravel fill |
| -construct shelter on concrete footings WORK SCHEDULE:  | OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING:                               |
|   | None  |
| PRELIMINARY SCREENING RESULTS   |   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING:  |   |
| Excavation on stream bank and bed could temporaril aquatic environment.   | y affect water quality and disrupt  |
|   |   |
|   |   |
| R. J. Myslik/Assistant Regional Engineer  | Mar 20,1986   |
| PREPARED BY: (NAME & TITLE)  L. J. KAMP   | Mar 20,1986<br>DATE:<br>86/04/02  |
| REGISTERED BY REGIONAL EARP COORDINATOR   | DATE:   |

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#### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

#### ENVIRONMENTAL SCREENING

🕸 Attach extra pages, as required

ACTIVITY REGISTER NO.: WRB-86-005

ACTIVITY CONSTRUCTION OF GAUGE & SHELTER
SAUBLE RIVER/SAMBLE FALLS

| PRESENT USE/ZONING:  | F ACTIVITY  PREVIOUS DISTURBANCE:         |
|--|---|
|  | NONE                                      |
| ENVIRONMENTAL RESOURCE VALUES: \$  |   |
|  |   |
| PRIMARILY RECREATIONAL.  | - FISHING                                 |
|  |   |
|  |   |
|  |   |
| elikaappaptisidaguud eskansinasse utsumaraast pai tähkää tusta pajan uurkaa salla kasta ta siidaansiin tyy kaa |   |
| SCREENING RESULTS  |   |
| AS INDICATED ON MATRIX  (TO BE USED AS OPTIONAL ALD  | AS DESCRIBED BELOW                        |
| POTENTIAL EFFECTS, SEVERITY, DURATIC   | ON, RISK OF SERIOUS EFFECTS: #            |
|  | hort duration project and is localized to |
| n small area. No major sediment prob.<br>environment.  | lem will potentially damage the aquatic   |
|  |   |
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|  |   |
|  |   |
| NATURE/EXTENT OF PUBLIC CONCERN RE   | : ACTIVITY:                               |
| •  |   |
|  | •   |
| MITIGATIVE MEASURES:   |   |
|  |   |
| Stream Bank Stabalization to prevent   | t Potential Sediment Sources              |
| RESIDUAL IMPACTS:  |   |
| NONE   |   |
| MONITORING REQUIREMENTS  |   |
|  |   |
|  |   |

| SCREENING PROCEDURES USED   |
|---|
| INFORMATION SOURCES:  |
| LITERATURE CONSULTED UNPUBLISHED INFORMATION X CONSULTATI  Attach list of titles/names as appropriate for above categories. |
| SITE RECONNAISSANCE DATE: Attach maps photos, plans, if availab   |
| OTHER SPECIFY:  |
| LOCAL CONSERVATION AUTHORITY  |
| FORMAL SCREENING FINDINGS   |
| 1.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT SIGNIFICANT OR CAN BE MITIGATED. X  |
| 2.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT ADEQUATELY KNOWN.   |
| 3.ADVERSE ENVIRONMENTAL EFFECTS ARE SIGNIFICANT.  |
| ACTIVITY IMPLEMENTATION DECISION  |
| 1. ACTIVITY MAY PROCEED - WITHOUT MITIGATING MEASURES   |
| - WITH MITIGATING MEASURES  |
| MONITORING REQUIRED   |
| 2. FURTHER STUDIES NEEDED - SCOPE AND COSTS OF ACTIVITY NOT MATERIALLY AFFECTED   |
| 3. I.E.E. RECOMMENDED   |
| 4. E.I.S. RECOMMENDED   |
| Lolut / Myslik Mar 20/86<br>SIGNATURE: INVITATOR/RC MANAGER DATE  |
| SIGNATURE: INVITATOR/RC MANAGER DATE  |
| APPROVAL  I.E.E. REQUIRED  E.I.S. REQUIRED  |
| COMMENTS:   |
|   |
|   |
| SIGNATURE: REGIONAL DIRECTOR DATE   |
| DECISION REGISTERED   |
| COMMENTS:   |
|   |
| L. (12mh 86/04/1  |

SIGNATURE: HEGIONAL EARP COORDINATOR



## **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE
Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - 86 - 006  | DATE: MAR 20, 1986                                      |
|---|---|
|   | 1 MR 20, 1966   |
| ACTIVITY IDENTIFICATION   | · ·   |
| TITLE:  | LOCATION:   |
| Construction of gauge well and shelter  | NORTH BAY   |
| INITIATOR/SPONSOR: Water Resources Branch   | FSTIMATED COST: 8.5 K                                   |
| ACTIVITY DESCRIPTION  |   |
| PURPOSE/NATURE OF ACTIVITY:   | LAND/WATER AREA AFFECTED:                               |
| Monitor water level fluctuations in river/stream  | PARKS CREEK   |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT:                               |
| Water Survey of Canada  | -Contract Services of backhoe for excavation            |
| WORK PLAN   | -purchase and delivery of concre                        |
| -excavate hole and trench to river/stream -install corrugated steel culvert with intake | -purchase and delivery of rock as                       |
| pipes leading to river  | gravel fill   |
| -backfill around gauge  |   |
| -construct shelter on concrete footings   | OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING: |
| WORK SCHEDULE:  |   |
|   | None  |
|   |   |
|   |   |
| PRELIMINARY SCREENING RESULTS   |   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING:                                      |   |
| Excavation on stream bank and bed could temporaril aquatic environment.                 | y affect water quality and disrupt                      |
| ·   |   |
|   |   |
|   |   |
|   |   |
| R. J. Myslik/Assistant Regional Engineer PREPARED BY: (NAME & TITLE)                    | March 20,1986   |
| _   | DATE:<br>86/04/02                                       |
| L. J. KAMP  | 86/04/02  |
| REGISTERED BY REGIONAL FARE COORDINATOR   | DATE  |

## 🛚 🍁 Environment Canada

## **ACTIVITY SCREENING REPORT**

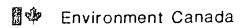
INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO .: WEB-86-006
ACTIVITY: CONSTRUCTION OF GAUGE & Shelter
PARKS CREEK / NORTH BAY

| PRESENT USE/ZONING:  | PREVIOUS DISTURBANCE:                   |
|--|---|
| RESIDENTIAL MUNICIPAL  | NONE                                    |
| ENVIRONMENTAL RESOURCE VALUES:   |   |
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| DILLUTION OF EFFLUENT  |   |
| TILLUTION OF EFFLUENT  |   |
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|  |   |
|  |   |
| SCREENING RESULTS  |   |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  | AS DESCRIBED BELOW                      |
| POTENTIAL EFFECTS, SEVERITY, DURATION  | , RISK OF SERIOUS EFFECTS: 🎄            |
| Excavation to the stream bank is a sho   | rt duration project and is localized to |
| small area. No major sediment proble   | m rvill notontially domest the state    |
|  | m will potentially damage the aquatic   |
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|  | . will potentially damage the aquatic   |
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|  | . will potentially damage the aquatic   |
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| environment.   |   |
| environment.   |   |
| environment.   |   |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A  |   |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A  |   |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A  | ACTIVITY:                               |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A MITIGATIVE MEASURES: Stream Bank Stabalization to prevent 1  | ACTIVITY:                               |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A MITIGATIVE MEASURES: Stream Bank Stabalization to prevent 1  | ACTIVITY:                               |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent 1 | ACTIVITY:                               |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A MITIGATIVE MEASURES:  Stream Bank Stabalization to prevent I | ACTIVITY:                               |

| SCREENING PROCEDURES USED                  | )  |                              |                        |
|--|--|------------------------------|------------------------|
| INFORMATION SOURCES:                       |  |                              |                        |
| LITERATURE CONSULTED Attach list of titles | UNPUBLISHED /names as appropriate        |                              | CONSULTATION           |
| SITE RECONNAISSANCE D                      | ATE:                                     | Attach maps photos           | , plans, if available. |
| OTHER SPECIFY:                             | ONSERVATION                              | Authority                    |                        |
| FORMAL SCREENING FINDINGS                  |  |                              |                        |
| 1.ADVERSE ENVIRONMENTAL EFFECT             | S ARE NOT SIGNIFICA                      | ANT OR CAN BE MITH           | GATED. 🔀               |
| 2.ADVERSE ENVIRONMENTAL EFFECT             | S ARE NOT ADEQUAT                        | ELY KNOWN.                   | $\overline{\sqcap}$    |
| 3.ADVERSE ENVIRONMENTAL EFFECT             | S ARE SIGNIFICANT.                       |                              |                        |
| ACTIVITY IMPLEMENTATION DE                 | CISION                                   |                              |                        |
| 1. ACTIVITY MAY PROCEED - WITHOU           | IT MITIGATING MEASU                      | RES                          | X                      |
| - WIT                                      | H MITIGATING MEASU                       | RES                          |                        |
| •  | MONITORING REQUI                         |                              |                        |
| 2. FURTHER STUDIES NEEDED - SCOP<br>NOT    | PE AND COSTS OF AC<br>MATERIALLY AFFECTS |                              |                        |
| 3. I.E.E. RECOMMENDED                      |  |                              |                        |
| 4. E.I.S. RECOMMENDED                      |  |                              |                        |
|  | Lulut<br>SIGNATURE: INIT                 | 1 Muslik<br>LATOR/RC MANAGER | Mar 20/86              |
| APPROVAL                                   | DUIRED                                   | E.I.S. REQUIRED              |                        |
|  |  |                              | ·                      |
| DECISION REGISTERED COMMENTS:              | SIGNATURE: REG                           | SIONAL DIRECTOR              | DATE                   |
|  |  | 16                           | ·                      |



### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB-86 - 007  | DATE: MAR 20, 1986   |
|---|--|
| ACTIVITY IDENTIFICATION   | :  |
| TITLE: Construction of gauge well and shelter   | LOCATION:<br>STEPSTONE   |
| INITIATOR/SPONSOR: Water Resources Branch   | ESTIMATED COST: 9 K  |
| ACTIVITY DESCRIPTION  |  |
| PURPOSE/NATURE OF ACTIVITY:  Monitor water level fluctuations in river/stream   | LAND/WATER AREA AFFECTED:  CURRENT RIVER   |
| AGENCIES INVOLVED:<br>Water Survey of Canada  | CONTRACTURAL ARRANGEMENT: -Contract Services of backhoe for excavation                 |
| WORK PLAN: -excavate hole and trench to river/stream -install corrugated steel culvert with intake -pipes leading to river -backfill around gauge | -purchase and delivery of concret<br>-purchase and delivery of rock and<br>gravel fill |
| -construct shelter on concrete footings WORK SCHEDULE:  | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING:                             |
|   | None   |
|   |  |
| PRELIMINARY SCREENING RESULTS  CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING:   |  |
| Excavation on stream bank and bed could temporaril aquatic environment.   |  |
|   |  |
| D. T. Washington, D. Land, Production   |  |
| R. J. Myslik/Assistant Regional Engineer PREPARED BY: (NAME & TITLE)  | DATE:  |
| L.J. KAMP   | 86/04/02   |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:  |

## 🛮 🏶 Environment Canada

🗱 Attach extra pages, as required

#### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

#### ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO .: WRB-86-007
ACTIVITY: CONSTRUCTION OF GANGE & SHELTER
CURRENT RIVER STEPSTONE

| PRESENT USE/ZONING:  | PREVIOUS DISTURBANCE:                        |
|--|--|
| MUNICIPAL  | NONE   |
| ENVIRONMENTAL RESOURCE VALUES:   |  |
|  | · ·  |
|  |  |
| WATER SUPPLY & RECREAT   | TONAL  |
|  |  |
|  |  |
|  | ·  |
| _  |  |
| CREENING RESULTS   |  |
| AS INDICATED ON MATRIX [TO BE USED AS OPTIONAL AI                                  | AS DESCRIBED BELOW                           |
| OTENTIAL EFFECTS, SEVERITY, DURATI   | ON, RISK OF SERIOUS EFFECTS: *               |
| xcavation to the stream bank is a s  | short duration project and is localized to   |
|  | one to detaction project and is localized to |
| small area. No major sediment prob   | olem will potentially damage the aquatic     |
| small area. No major sediment prob   | olem will potentially damage the aquatic     |
| small area. No major sediment prob   | olem will potentially damage the aquatic     |
| small area. No major sediment prob   | olem will potentially damage the aquatic     |
| small area. No major sediment prob   | olem will potentially damage the aquatic     |
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| small area. No major sediment prob   | olem will potentially damage the aquatic     |
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| small area. No major sediment prob   | olem will potentially damage the aquatic     |
| small area. No major sediment prob   | olem will potentially damage the aquatic     |
| small area. No major sediment prob   | olem will potentially damage the aquatic     |
| small area. No major sediment prob   | olem will potentially damage the aquatic     |
| small area. No major sediment prob   | olem will potentially damage the aquatic     |
| small area. No major sediment prob   | E: ACTIVITY:                                 |
| small area. No major sediment probenvironment.  NATURE/EXTENT OF PUBLIC CONCERN RE | E: ACTIVITY:                                 |
| small area. No major sediment prob   | E: ACTIVITY:                                 |
| STREAM BANK Stabalization to preven  | E: ACTIVITY:                                 |

| SCHE                | ENING PRO        | CEDUKES USE    | : U  |           |                                    |                         |
|---------------------|------------------|----------------|--|-----------|------------------------------------|-------------------------|
| INFOR               | MATION SOUR      | ICES:          | The state of the s | <u> </u>  |                                    |                         |
|                     | LITERATURE<br>At |                |  |           | NFORMATION<br>e for above categori | CONSULTATION            |
|                     | SITE RECONN      | IAISSANCE      | DATE:  |           | Attach maps photo                  | os, plans, if available |
|                     | OTHER            | SPECIFY:       | CONSEE   | ZVATION   | 1 AUTHORITY                        | ·                       |
|                     |                  |                |  |           |                                    |                         |
| FORM                | AL SCREEN        | ING FINDINGS   | <b>3</b>   |           |                                    | ·                       |
|                     |                  |                |  |           |                                    |                         |
| 1.ADVE              | ERSE ENVIRON     | MMENTAL EFFEC  | TS ARE NOT   | SIGNIFICA | NT OR CAN BE MI                    | TIGATED. 🔀              |
| P.ADVE              | ERSE ENVIRON     | NMENTAL EFFEC  | TS ARE NOT   | ADEQUAT   | ELY KNOWN.                         |                         |
| 3.ADVE              | FROE ENVIRO      | NMENTAL EFFEC  | TS ARE SIGN  | IFICANT.  |                                    |                         |
| A (~ 57.11)         |                  | AFAIT A TIONS  |  |           |                                    |                         |
| WOLLA               | III IMPLEM       | MENTATION D    | ECISION  |           |                                    |                         |
| 1. ACT              | IVITY MAY PR     | OCEED - WITHO  | OUT MITIGATIN  | IG MEASU  | RES                                | $\times$                |
|                     |                  | - W            | ITH MITIGATIN  | IG MEASU  | RES                                |                         |
|                     |                  |                | MONITORI   | NG REQUI  | RED                                | Ī                       |
| 2. FUR              | THER STUDIES     | S NEEDED - SCO | OPE AND COS<br>EMATERIALLY   | TS OF AC  | TIVITY<br>ID                       |                         |
| 2                   | E. RECOMMEN      | D.C.D.         | ſ  |           |                                    |                         |
|                     |                  |                | L<br>[   |           |                                    |                         |
| 4. 1.1.8            | S. RECOMMEN      | UED .          | Į  |           |                                    |                         |
| CANADA PARA MARIANA |                  |                | $\checkmark$   | 11.+      | -Maril                             | Mar 20 /86              |
|                     |                  |                | SIGNAT   | URE: INIT | ANTORING MANAGE                    | FR DATE                 |
|                     |                  |                |  | l         | ,                                  |                         |
| APPRO               | DVAL             | LE.E. RE       | - OTHER  |           | E.I.S. REQUIRE                     |                         |
| 201115              | NTO.             | I.E.G. MC      |  |           | E.I.S. REQUIRE                     | . U                     |
| COMME               | N15:             |                |  |           |                                    |                         |
|                     |                  |                |  |           |                                    |                         |
|                     |                  |                |  |           |                                    |                         |
|                     |                  |                | SIGNAT   | URE: REG  | IONAL DIRECTOR                     | DATE                    |
| DECIS               | ION REGIST       | FERED          |  |           |                                    |                         |
| COMME               | NTS:             |                |  |           |                                    |                         |
|                     |                  |                |  |           | 2                                  |                         |

SIGNATURE: REGIONAL EARP COORDINATOR



## **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: LURB - 86 - 008  | DATE: MAR. 20, 1986  |
|--|--|
| ACTIVITY IDENTIFICATION  | :  |
| TITLE:   | LOCATION:  |
| Construction of gauge well and shelter   | WINDSOR  |
| INITIATOR/SPONSOR: Water Resources Branch  | ESTIMATED COST: 8K   |
| ACTIVITY DESCRIPTION   |  |
| PURPOSE/NATURE OF ACTIVITY:  | LAND/WATER AREA AFFECTED:  |
| Monitor water level fluctuations in river/stream   | LITTLE RIVER   |
| AGENCIES INVOLVED:   | CONTRACTURAL ARRANGEMENT:  |
| Water Survey of Canada   | -Contract Services of backhoe for excavation   |
| WORK PLAN  -excavate hole and trench to river/stream  -install corrugated steel culvert with intake pipes leading to river  -backfill around gauge | -purchase and delivery of concret<br>-purchase and delivery of rock and<br>gravel fill |
| -construct shelter on concrete footings WORK SCHEDULE:   | OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING:                                |
|  | None   |
|  |  |
| PRELIMINARY SCREENING RESULTS  |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING:   |  |
| Excavation on stream bank and bed could temporaril aquatic environment.  | y affect water quality and disrupt   |
| ·  |  |
|  |  |
| R. J. Myslik/Assistant Regional Engineer   | Mar. 20, 1986  |
| PREPARED BY: (NAME & TITLE)  | DATE:  |
| L.J. KAMP  | 86/04/02   |
| REGISTERED BY: REGIONAL EARP COORDINATOR   | DATE:  |

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Attach extra pages as required

## **ACTIVITY SCREENING REPORT**

## INLAND WATERS DIRECTORATE Ontario Region

#### ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WRB-86-00B ACTIVITY: CONSTRUCTION OF GAUGE & SHELLTER LITTLE RIVER WINDSOR.

| PRESENT USE/ZONING:   | PREVIOUS DISTURBANCE:                           |
|---|---|
| MUNICIPAL   | NONF.   |
| NVIRONMENTAL RESOURCE VALUES:   |   |
|   |   |
| WATER SUPPLY & EFFLU  | ENT DILLUTION                                   |
| ,   |   |
|   |   |
|   |   |
|   |   |
|   |   |
| CREENING RESULTS  | •   |
| AS INDICATED ON MATRIX  | AS DESCRIBED BELOW                              |
| TO BE USED AS OPTIONAL OTENTIAL EFFECTS, SEVERITY, DUE                        | RATION, RISK OF SERIOUS EFFECTS: #              |
|   |   |
| cavacion to the stream pank is  | a short duration project and is localized to    |
| email area. No maior codimont :   | problem trill meteophially desert at a contract |
| -small area. No major sediment p<br>nvironment.                               | problem will potentially damage the aquatic     |
| small area. No major sediment provincement.                                   | problem will potentially damage the aquatic     |
| small area. No major sediment povironment.                                    | problem will potentially damage the aquatic     |
| small area. No major sediment p<br>nvironment.                                | problem will potentially damage the aquatic     |
| small area. No major sediment p<br>nvironment.                                | problem will potentially damage the aquatic     |
| small area. No major sediment p<br>nvironment.                                | problem will potentially damage the aquatic     |
| small area. No major sediment p<br>nvironment.                                | problem will potentially damage the aquatic     |
| small area. No major sediment povironment.                                    | problem will potentially damage the aquatic     |
| small area. No major sediment p<br>nvironment.                                | problem will potentially damage the aquatic     |
| nvironment.   |   |
| nvironment.   |   |
| nvironment.   |   |
| nvironment.   |   |
| ATURE/EXTENT OF PUBLIC CONCERT  |   |
| ATURE/EXTENT OF PUBLIC CONCERT  |   |
| ATURE/EXTENT OF PUBLIC CONCERT  | N RE: ACTIVITY:                                 |
| ATURE/EXTENT OF PUBLIC CONCERT  |   |
| INTURE/EXTENT OF PUBLIC CONCERNING TO THE MEASURES:                           | N RE: ACTIVITY:                                 |
| ATURE/EXTENT OF PUBLIC CONCERNATION TO PROBLEM Bank Stabalization to problem. | N RE: ACTIVITY:                                 |
| INTURE/EXTENT OF PUBLIC CONCERNING TO PROBLEM Bank Stabalization to pre       | N RE: ACTIVITY:                                 |

| SCREENING PRO                            | CEDUMES OSED   |   |  |                        |
|--|--|---|--|------------------------|
| INFORMATION SOUR                         | RCES:  | and the term of the property was said, a security on the con- | <u>n yang kering di Bandan Januari, kering di Jangsilan Karing Januari ang Pandan di Pangan di Pan</u> |                        |
| LITERATURE At                            |  | <del></del>   | INFORMATION<br>te for above categories   | CONSULTATION           |
| SITE RECONN                              | IAISSANCE DAT  | E:  | Attach maps photos   | , plans, if available. |
| OTHER                                    | SPECIFY:   |   |  |                        |
|  | LOCAL  | CITY OFF  | CIALS  |                        |
| FORMAL SCREEN                            | ING FINDINGS   |   |  |                        |
| 1.ADVERSE ENVIROI                        | NMENTAL EFFECTS  | ARE NOT SIGNIFIC  | CANT OR CAN BE MITI  | GATED. 🗙               |
| 2.ADVERSE ENVIRON                        | NMENTAL EFFECTS  | ARE NOT ADEQUA  | TELY KNOWN.  | Ē                      |
| 3.ADVERSE ENVIRO                         | NMENTAL EFFECTS  | ARE SIGNIFICANT.  | ·  |                        |
| ACTIVITY IMPLEM                          | MENTATION DEC  | ISION   |  |                        |
| 1. ACTIVITY MAY PR                       | - WITH   | MITIGATING MEAS   | URES<br>JIRED  |                        |
| 2. FURTHER STUDIE                        |  | E AND COSTS OF A ATERIALLY AFFECT                             |  |                        |
| 3. I.E.E. RECOMMEN<br>4. E.I.S. RECOMMEN |  |   |  |                        |
|  | en best i til er de forste | Lalust<br>SIGNATURE: INI                                      | Myslik<br>TIATOR/RC MANAGER  | Mar 20/86              |
| APPROVAL COMMENTS:                       | I.E.E. REQU  | JIRED   | E.I.S. REQUIRED  |                        |
|  |  |   | · .  |                        |
| DECISION REGIST                          | TERED  | SIGNATURE: RE   | GIONAL DIRECTOR  | DATE                   |
|  |  |   | 1/1  |                        |

### Environment Canada

## **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| DATE: MAR. 26, 1986  |
|--|
| :  |
| LOCATION:<br>ANCASTER  |
| ESTIMATED COST: # 2.8K   |
|  |
| LAND/WATER AREA AFFECTED:  ANCASTER CREEK  |
| CONTRACTURAL ARRANGEMENT: -Contract Services of backhoe for excavation                 |
| -purchase and delivery of concret<br>-purchase and delivery of rock and<br>gravel fill |
| OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING:                                |
| Mone   |
| y affect water quality and disrupt   |
| MAR. 26, 1986<br>DATE:<br>86/04/02.  |
|  |
|  |

### 🛮 🍄 Environment Canada

## **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

| ACTIVITY REGIST |         | . WKB     | 86-009   |
|-----------------|---------|-----------|----------|
| ACTIVITY: GAUGE | SE WELL | 4 SHELTER | <u> </u> |

| PRESENT USE/ZONING:  | PREVIOUS DISTURBANCE:                  |
|--|--|
| TOWN ROAD ALLOWANCE  | NONE                                   |
| ENVIRONMENTAL RESOURCE VALUES: 🏚   |  |
| •  | · ·                                    |
| WATER SUPPLY & RECA  | PEATLON                                |
| WATER OWNER   TEET   | KEAT TON                               |
|  |  |
|  |  |
|  |  |
|  |  |
| CREENING RESULTS   |  |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  | AS DESCRIBED BELOW                     |
| POTENTIAL EFFECTS, SEVERITY, DURATION,   | RISK OF SERIOUS EFFECTS:               |
| Excavation to the stream bank is a short   | t duration project and is localized to |
| small area. No major sediment problem  | will potentially damage the aquatic    |
| nvironment.  |  |
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|  |  |
| NATURE/EXTENT OF PUBLIC CONCERN RE: AC   | CTIVITY:                               |
| IATURE/EXTENT OF PUBLIC CONCERN RE: AC   | CTIVITY:                               |
| NATURE/EXTENT OF PUBLIC CONCERN RE: AC   | CTIVITY:                               |
|  | CTIVITY:                               |
|  | CTIVITY:                               |
| MITIGATIVE MEASURES:   |  |
| NITIGATIVE MEASURES:<br>Stream Bank Stabalization to prevent Po  |  |
| MITIGATIVE MEASURES:<br>Stream Bank Stabalization to prevent Po<br>RESIDUAL IMPACTS:   |  |
| MITIGATIVE MEASURES: Stream Bank Stabalization to prevent PoseSIDUAL IMPACTS: NONE   |  |
| MITIGATIVE MEASURES: Stream Bank Stabalization to prevent PoseSIDUAL IMPACTS: NONE   |  |
| NATURE/EXTENT OF PUBLIC CONCERN RE: ACMITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Poresidual impacts:  NONE MONITORING REQUIREMENTS |  |

| SCREENING PROCEDURES USED  |  |
|--|--|
| INFORMATION SOURCES:   |  |
| LITERATURE CONSULTED UNPUBLISHED INFO  Attach list of titles/names as appropriate to |  |
| SITE RECONNAISSANCE DATE:  | ttach maps photos, plans, if available.  |
| OTHER SPECIFY:   |  |
| LOCAL LONSERVATIO  | N AUTHORITY  |
| FORMAL SCREENING FINDINGS  |  |
|  | (77)   |
| 1.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT SIGNIFICANT                                  | · —  |
| 2.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT ADEQUATELY                                   | KNOWN.   |
| 3.ADVERSE ENVIRONMENTAL EFFECTS ARE SIGNIFICANT.                                     |  |
| ACTIVITY IMPLEMENTATION DECISION   | Champing the commence of the production of the production of the contract of t |
| 1. ACTIVITY MAY PROCEED - WITHOUT MITIGATING MEASURE:                                | s X  |
| - WITH MITIGATING MEASURE  | ——————————————————————————————————————   |
| · MONITORING REQUIRE   | <u> </u>   |
| 2. FURTHER STUDIES NEEDED - SCOPE AND COSTS OF ACTIV                                 | لي_ا   |
| NOT MATERIALLY AFFECTED  |  |
| 3. I.E.E. RECOMMENDED  |  |
| 4. E.I.S. RECOMMENDED  |  |
|  |  |
| SIGNATURE: INITIO  | Myslik March 26/86 TORING MANAGER DATE   |
| APPROVAL   | ]e.i.s. required   |
| COMMENTS:  | J.C.1.5. RECOINED  |
| COMMENTS.  |  |
|  |  |
|  |  |
| SIGNATURE: REGION  | NAL DIRECTOR DATE  |
| DECISION REGISTERED  |  |
| COMMENTS:  |  |

SIGNATURE: REGIONAL EARP COORDINATOR

## Environment Canada

#### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - 86 - 010  | DATE: MAR. 26/1986   |
|---|--|
| ACTIVITY IDENTIFICATION   |  |
| TITLE:  | LOCATION:  |
| Construction of gauge well and shelter  | CARLYSLE   |
| INITIATOR/SPONSOR: Water Resources Branch   | ESTIMATED COST 1.3 K   |
| ACTIVITY DESCRIPTION  |  |
| PURPOSE/NATURE OF ACTIVITY: Monitor water level fluctuations in river/stream  | LAND/WATER AREA AFFECTED:  Bronte Creek  |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT:  |
| Water Survey of Canada  | -Contract Services of backhoe for excavation   |
| work PLANexcavate hole and trench to river/stream -install corrugated steel culvert with intake pipes leading to river -backfill around gauge | -purchase and delivery of concrete<br>-purchase and delivery of rock and<br>gravel fill  |
| -construct shelter on concrete footings WORK SCHEDULE:  | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING:   |
|   | None   |
| PRELIMINARY SCREENING RESULTS   |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING:  | and the second s |
| Excavation on stream bank and bed could temporaril aquatic environment.   | y affect water quality and disrupt   |
|   |  |
|   |  |
| R. J. Myslik/Assistant Regional Engineer PREPARED BY: (NAME & TITLE)  | MAR. 26, 1986<br>DATE:<br>86/04/02   |
| L.J. KAMP   | al land.   |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:  |

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彝 Attach extra pages, as required

#### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WRB-86-010
ACTIVITY: CONSTRUCTION OF GAMES & SHELTER
BRONTE CREEK / CARLYSLE

| TOWN SHIP ROAD ALLOWANCE NONE  ENVIRONMENTAL RESOURCE VALUES: *  WATER SUPPLY EFFLUENT DILUTION  SCREENING RESULTS  AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID) AS DESCRIBED BELOW POTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  EXCAVATION to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic invironment.  INTURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  INTIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  ONITORING REQUIREMENTS | RESENT USE/ZONING:   | PREVIOUS DISTURBANCE:                |
|--|--|--------------------------------------|
| CREENING RESULTS  AS INDICATED ON MATRIX TO HE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, HISK OF SERIOUS EFFECTS:  Excavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic nvironment.  ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  ITIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  | TOWNSHIP ROAD ALLOWANCE  | NONE                                 |
| CREENING RESULTS  AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID) OTENTIAL EFFECTS: *  ACCAVATION to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic nationment.  ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  ITIGATIVE MEASURES: Stream Bank Stabalization to prevent Potential Sediment Sources ESIDUAL IMPACTS: NONE  |  |                                      |
| CREENING RESULTS  AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  STENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS:  cavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic vironment.  TURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  TIGATIVE MEASURES:  CTEAM Bank Stabalization to prevent Potential Sediment Sources  SIDUAL IMPACTS:  NONE  |  | •                                    |
| AS INDICATED ON MATRIX  AS INDICATED ON MATRIX  (TO BE USED AS OPTIONAL AID)  STENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS:  cavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic vironment.  TURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  TIGATIVE MEASURES:  CITEAR Bank Stabalization to prevent Potential Sediment Sources  SIDUAL IMPACTS:  NONE  |  |                                      |
| AS INDICATED ON MATRIX  (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  cavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic vironment.  ITURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  SIDUAL IMPACTS:  NONE  | INATER SUPPLY & EFFLU  | LENT WILLTION                        |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  Cavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic vironment.  ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  SIDUAL IMPACTS:  NONE   |  |                                      |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  Cavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic vironment.  ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  |  |                                      |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  Cavation to the stream bank is a short duration project and is localized to small area. No major sediment problem will potentially damage the aquatic vironment.  ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  |  |                                      |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  ACCIVITY AND MATRIX (CAVATION AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  ACCIVITY AND MATRIX (CAVATION AID)  ACCIVITY AND MATRIX (CAVATION AID)  OTENTIAL EFFECTS, SEVERITY, DURATION, RISK OF SERIOUS EFFECTS: *  ACCIVITY AID  | CDEENING DECILITO  |                                      |
| TIGATIVE MEASURES:  TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE   |  |                                      |
| ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  ITIGATIVE MEASURES: Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS: NONE   | (TO BE USED AS OPTIONAL AID)   |                                      |
| Small area. No major sediment problem will potentially damage the aquatic prince of the sediment.  ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  SIDUAL IMPACTS:  NONE   | OTENTIAL EFFECTS, SEVERITY, DURATION, RI   | SK OF SERIOUS EFFECTS: *             |
| ATURE/EXTENT OF PUBLIC CONCERN RE: ACTIVITY:  TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  SIDUAL IMPACTS:  NONE  | cavation to the stream bank is a short of  | duration project and is localized to |
| TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources SIDUAL IMPACTS:  NONE   |  | ill potentially damage the aquatic   |
| TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  SIDUAL IMPACTS:  NONE  | vii oment.   |                                      |
| TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE   | •  | ·                                    |
| TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  SIDUAL IMPACTS:  NONE  |  |                                      |
| TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE   |  |                                      |
| TIGATIVE MEASURES:  Stream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE  | ·  |                                      |
| TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE   | 1  |                                      |
| Stream Bank Stabalization to prevent Potential Sediment Sources ESIDUAL IMPACTS: NONE  |  |                                      |
| TIGATIVE MEASURES:  tream Bank Stabalization to prevent Potential Sediment Sources  ESIDUAL IMPACTS:  NONE   |  |                                      |
| tream Bank Stabalization to prevent Potential Sediment Sources  SIDUAL IMPACTS:  NONE  |  |                                      |
| Stream Bank Stabalization to prevent Potential Sediment Sources ESIDUAL IMPACTS: NONE  | ATURE/EXTENT OF PUBLIC CONCERN RE: ACTI  | VITY:                                |
| Stream Bank Stabalization to prevent Potential Sediment Sources ESIDUAL IMPACTS: NONE  | ATURE/EXTENT OF PUBLIC CONCERN RE: ACTI  | IVITY:                               |
| Stream Bank Stabalization to prevent Potential Sediment Sources ESIDUAL IMPACTS: NONE  | ATURE/EXTENT OF PUBLIC CONCERN RE: ACTI  | IVITY:                               |
| NONE   |  | IVITY:                               |
| NONE   |  | IVITY:                               |
| NONE   | ITIGATIVE MEASURES:  |                                      |
|  | TIGATIVE MEASURES:<br>tream Bank Stabalization to prevent Pote                       |                                      |
| ONITORING REQUIREMENTS   | ITIGATIVE MEASURES:<br>tream Bank Stabalization to prevent Pote                      |                                      |
|  | TIGATIVE MEASURES:<br>tream Bank Stabalization to prevent Pote<br>ESIDUAL IMPACTS:   |                                      |
|  | TIGATIVE MEASURES:  Stream Bank Stabalization to prevent Pote ESIDUAL IMPACTS:  NONE |                                      |

| SCREENING PROCEDURES USED                        |   |
|--|---|
| INFORMATION SOURCES:                             |   |
|  | JNPUBLISHED INFORMATION X CONSULTATION as appropriate for above categories. |
| SITE RECONNAISSANCE DATE:                        | Attach maps photos, plans, it available.                                    |
| OTHER SPECIFY:                                   | Attach maps photos, plans, it available.                                    |
| CONSER   | VATION AUTHORITY  |
| FORMAL SCREENING FINDINGS                        |   |
| I.ADVERSE ENVIRONMENTAL EFFECTS ARE              | NOT SIGNIFICANT OF CAN BE MITIGATED. 💢                                      |
| 2.ADVERSE ENVIRONMENTAL EFFECTS ARE 1            | · · · · · · · · · · · · · · · · · · ·                                       |
| 3.ADVERSE ENVIRONMENTAL EFFECTS ARE              | SIGNIFICANT.  |
| ACTIVITY IMPLEMENTATION DECISION                 | •   |
| 1. ACTIVITY MAY PROCEED - WITHOUT MITIC          | GATING MEASURES   |
| - WITH MITIC                                     | BATING MEASURES   |
| . MONI   | ITORING REQUIRED  |
| 2. FURTHER STUDIES NEEDED - SCOPE AND NOT MATERI | COSTS OF ACTIVITY   |
| 3. I.E.E. RECOMMENDED                            | П   |
| 4. E.I.S. RECOMMENDED                            |   |
| SI   | Robert Myslik March 26/86 GNATURE: INITIATOR/RE MANAGER DATE                |
| APPROVAL LE.E. REQUIRED                          | E.I.S. REQUIRED   |
| COMMENTS:  |   |
| ·  |   |
|  | ,   |
| · ·  |   |
|  | GNATURE: REGIONAL DIRECTOR DATE   |
| DECISION REGISTERED COMMENTS:                    |   |
| Comment of                                       | •   |

## B Environment Canada

#### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| LOCATION:   |
|---|
| ,   |
| IMMINS  |
| ESTIMATED COST: \$7.5 K   |
| •   |
| LAND/WATER AREA AFFECTED:   |
| MATTAGAMI   |
| CONTRACTURAL ARRANGEMENT: - Purchase and delivery of concre - Purchase and delivery of rock |
| fill  |
| OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING:                                  |
| None  |
| nt.   |
|   |
| MAR. 26, 1986   |
| DATE:   |
| 86/04/02  |
| DATE  |
|   |

## 🛮 🍄 Environment Canada

### **ACTIVITY SCREENING REPORT**

| INLAND  | WATERS | DIRECTORATE |
|---------|--------|-------------|
| Ontario | Region |             |

ENVIRONMENTAL SCREENING

| ACTIVITY  | REGISTER I | NO.: WLB   | - 86-011   |
|-----------|------------|------------|------------|
| ACTIVITY: | Construct  | ion of Gau | ge Shelker |

| RESENT USE/ZONING:                                      | PREVIOUS DISTURBAN  | CE:         |
|---|---------------------|-------------|
| PRIVATE   | NONE                | : .         |
| IVIRONMENTAL RESOURCE VALUES:                           |                     |             |
|   |                     |             |
| K1  |                     | •           |
| MONE  |                     | •           |
|   |                     |             |
|   | •                   |             |
|   |                     |             |
| CREENING RESULTS  |                     |             |
| AS INDICATED ON MATRIX                                  | ALD) X AS DESCRIBED | BELOW       |
| TO BE USED AS OPTIONAL DIENTIAL EFFECTS, SEVERITY, DURA | AIU)                | CTS: 🏂      |
| •   |                     |             |
|   |                     |             |
| NO RISK TO SURROUNDING ENVIRO                           | ONMENT              |             |
|   |                     |             |
|   |                     |             |
| •   |                     |             |
|   |                     |             |
|   |                     |             |
|   |                     |             |
| TURE/EXTENT OF PUBLIC CONCERN                           | RE: ACTIVITY:       |             |
|   |                     |             |
| NONE  |                     |             |
| TIGATIVE MEASURES:                                      |                     | <del></del> |
|   |                     | •           |
| None  |                     |             |
| SIDUAL IMPACTS:   |                     |             |
|   |                     |             |

| INFORMATION SOURCES:  LITERATURE CONSULTED UNPUBLISHED INFORMATION CONSULTATION Attach list of titles/names as appropriate for above categories.  SITE RECONNAISSANCE DATE: Attach maps photos, plans, if available. |
|--|
| Attach list of titles/names as appropriate for above categories.   |
|  |
| SITE RECONNAISSANCE DATE: Attach maps photos, plans, if available.   |
| OTHER SPECIFY:   |
| CONSERVATION AUTHORITY   |
| FORMAL SCREENING FINDINGS  |
|  |
| 1.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT SIGNIFICANT OR CAN BE MITIGATED. 🗙   |
| 2.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT ADEQUATELY KNOWN.  |
| 3.ADVERSE ENVIRONMENTAL EFFECTS ARE SIGNIFICANT.   |
|  |
| ACTIVITY IMPLEMENTATION DECISION   |
| 1. ACTIVITY MAY PROCEED - WITHOUT MITIGATING MEASURES  |
| - WITH MITIGATING MEASURES   |
| . MONITORING REQUIRED  |
| 2. FURTHER STUDIES NEEDED - SCOPE AND COSTS OF ACTIVITY NOT MATERIALLY AFFECTED  |
| 3. I.E.E. RECOMMENDED  |
| 4. E.I.S. RECOMMENDED  |
|  |
| De tomo librario   |
| SIGNATURE: INITIATORIRE MANAGER DATE   |
| u  |
| APPROVAL  I.E.E. REQUIRED  E.I.S. REQUIRED   |
| COMMENTS:  |
|  |
|  |
| SIGNATURE: REGIONAL DIRECTOR DATE  |
| DECISION REGISTERED  |
|  |
| COMMENTS:  |

# Environment Canada

### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB-86-012  | DATE: MAR. 25, 1986  |
|---|--|
| ACTIVITY IDENTIFICATION   | :  |
| TITLE: Installation of Bank Stabilization for Gauge Well and Shelter and repair control | LOCATION: MOUNT VERMON                                     |
| INITIATOR/SPONSOR: Water Resources Branch   | ESTIMATED COST: #4K  |
| ACTIVITY DESCRIPTION  |  |
| PURPOSE/NATURE OF ACTIVITY: Bank Stabilization  | LAND/WATER AREA AFFECTED: WHITEMAN'S CREEK                 |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT:                                  |
| Water Survey of Canada  | -Contract services of backhoe for excavating               |
| WORK PLAN:  | -Purchase of rock and gravel fill                          |
| WORK SCHEDULE:  | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING: |
|   | None   |
| PRELIMINARY SCREENING RESULTS CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING         | N.G.   |
| Installation of fill material could cause mome disrupt local aquatic environment        |  |
|   |  |
| R. J. Myslik/Assistant Regional Engineer  | MAR. 25, 1986  |
| PREPARED RY: (NAME & TITLE)  L. J. KAMP   | 86/04/02   |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:  |

# Br Environment Canada

# **ACTIVITY SCREENING REPORT**

| INLAND  | WATERS | DIRECTORATE |
|---------|--------|-------------|
| Ontario | Region |             |

ENVIRONMENTAL SCREENING

Attach extr. ages, as required

ACTIVITY: Bank Stabalization

| DESCRIPTION OF PROPOSED SITE OF A PRESENT USE/ZONING:   | PREVIOUS DISTURBANCE:  |
|---|--|
| TOWNSHIP ROAD ALLOWANCE   | Installation of gauge well   |
| ENVIRONMENTAL RESOURCE VALUES:  |  |
|   | effluent and supports aquatic life for fishing                                   |
| water is used for difficion of sewage   | extradent and bapporto aquatra 1210 101 1100                                     |
|   |  |
|   |  |
|   |  |
|   |  |
| SCREENING RESULTS   |  |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)   | x AS DESCRIBED BELOW   |
| POTENTIAL EFFECTS, SEVERITY, DURATION   | , RISK OF SERIOUS EFFECTS: *   |
| sediment to be dispersed into the str   | could cause a minor amount of suspended cam. This condition should only last for |
| The excavation and bank stabalization sediment to be dispersed into the straction accouple of hours with no serious eff | eam. This condition should only last for   |
| sediment to be dispersed into the str   | eam. This condition should only last for   |
| sediment to be dispersed into the str   | eam. This condition should only last for   |
| sediment to be dispersed into the str   | eam. This condition should only last for   |
| sediment to be dispersed into the str   | eam. This condition should only last for   |
| sediment to be dispersed into the str<br>a couple of hours with no serious eff  | eam. This condition should only last for ects on local aquatic environment.      |
| sediment to be dispersed into the str<br>a couple of hours with no serious eff  | eam. This condition should only last for ects on local aquatic environment.      |
| sediment to be dispersed into the str<br>a couple of hours with no serious eff  | eam. This condition should only last for ects on local aquatic environment.      |
| sediment to be dispersed into the str<br>a couple of hours with no serious eff  | eam. This condition should only last for ects on local aquatic environment.      |
| sediment to be dispersed into the str<br>a couple of hours with no serious eff<br>NATURE/EXTENT OF PUBLIC CONCERN RE:   | eam. This condition should only last for ects on local aquatic environment.      |
| nature/extent of Public Concern Re:   | eam. This condition should only last for ects on local aquatic environment.      |
| nature/extent of Public Concern Re:   | eam. This condition should only last for ects on local aquatic environment.      |
| nature/extent of public concern re:  None  MITIGATIVE MEASURES:  Minimizing duration of program                         | eam. This condition should only last for ects on local aquatic environment.      |

|                  | OCEDOKES DSED                |                  |   |                          |
|------------------|------------------------------|------------------|---|--------------------------|
| INFORMATION SO   | <u></u>                      | _                |   | (                        |
|                  | RE CONSULTED                 |                  | ) INFORMATION<br>te for above categoric | OS. CONSULTATION         |
| SITE RECO        | NNAISSANCE DATE              | ::               | Attach maps photo                       | os, plans, it available. |
| OTHER            | SPECIFY:                     | EVATION AL       | THORITY                                 |                          |
| (iii)            |                              |                  |   |                          |
| FORMAL SCREE     | ENING FINDINGS               |                  |   |                          |
|                  |                              |                  |   |                          |
| 1.ADVERSE ENVIR  | ONMENTAL EFFECTS A           | ARE NOT SIGNIFIC | CANT OR CAN BE MIT                      | TIGATED. 🔀               |
| 2.ADVERSE ENVIR  | ONMENTAL EFFECTS A           | ARE NOT ADEQUA   | TELY KNOWN.                             |                          |
| 3.ADVERSE ENVIR  | ONMENTAL EFFECTS A           | ARE SIGNIFICANT  |   |                          |
|                  |                              |                  |   |                          |
| ACTIVITY IMPL    | EMENTATION DECIS             | SION             |   |                          |
| I. ACTIVITY MAY  | PROCEED - WITHOUT (          | MITIGATING MEAS  | SURES                                   | X                        |
|                  | - WITH I                     | MITIGATING MEAS  | SURES                                   | $\overline{\Box}$        |
|                  | •                            | MONITORING REQ   | UIRED                                   |                          |
| 2. FURTHER STUD  | IES NEEDED - SCOPE<br>NOT MA | AND COSTS OF A   |   |                          |
| 3. I.E.E. RECOMM | ENDED                        | Г                |   |                          |
| 4. E.I.S. RECOMM |                              |                  |   |                          |
|                  |                              |                  |   |                          |
|                  |                              | SIGNATURE: IN    | + J Myslik                              | Mar 25/86                |
| APPROVAL         | <u> </u>                     |                  |   |                          |
|                  | LI.E.E. REQUI                | RED              | E.I.S. REQUIRE                          | D                        |
| COMMENTS:        |                              | ·                |   |                          |
|                  |                              |                  |   |                          |
| ·                |                              |                  |   |                          |
|                  |                              | SIGNATURE: RE    | GIONAL DIRECTOR                         | , DATE                   |
| DECISION REGI    | STERED                       |                  |   |                          |
| COMMENTS:        |                              |                  |   |                          |
|                  |                              | 11               |   |                          |
|                  |                              |                  | 1/ .                                    | / /                      |

SIGNATURE: REGIONAL EARP COORDINATOR

# 🛮 🍲 Environment Canada

# **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - 86 - 0/3  | DATE: MAR. 25, 1986  |
|---|--|
|   |  |
| ACTIVITY IDENTIFICATION   |  |
| THILE: Installation of Bank Stabilization for Gauge Well and Shelter              | LOCATION: KEMPTVILLE                                       |
| INITIATOR/SPONSOR: Water Resources Branch   | ESTIMATED COST: 4.5 K                                      |
| ACTIVITY DESCRIPTION  |  |
| PURPOSE/NATURE OF ACTIVITY:   | LAND/WATER AREA AFFECTED:                                  |
| Bank Stabilization  | KEMPTVILLE CREEK   |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT:                                  |
| Water Survey of Canada  | -Contract services of backhoe for                          |
| WORK PLAN:  | excavating   |
|   | -Purchase of rock and gravel fill                          |
|   |  |
|   | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING: |
| WORK SCHEDULE:  | SOBSECT TO SELAMATE SOMEENING.                             |
|   | None   |
|   |  |
|   |  |
| PRELIMINARY SCREENING RESULTS   |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENIN                                  |  |
| Installation of fill material could cause momer disrupt local aquatic environment | tary disturbance of water quality an                       |
| ·   |  |
|   |  |
|   |  |
|   |  |
| R. J. Myslik/Assistant Regional Engineer  | MAR. 25, 1986  |
| PREPARED RY: (NAME & TITLE)   | DATE:  |
| L.J. MAMP   | 86/04/02   |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:  |

### 🛮 🕸 Environment Canada

# **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WBB-86-013

ACTIVITY: Bank Stabalization

KEMPTYLLE CRK/KEMPTYLLE

| DESCRIPTION OF PROPOSED SITE OF A                   | CTIVITY  |
|---|--|
| PRESENT USE/ZONING:                                 | PREVIOUS DISTURBANCE:  |
| PRIVATE PROPERTY LEASED                             | Installation of gauge well   |
| ENVIRONMENTAL RESOURCE VALUES: \$                   |  |
| Wager is used for dilution of sewage e              | effluent and supports aquatic life for fishing                                   |
|   | •  |
|   |  |
|   |  |
|   |  |
|   |  |
| SCREENING RESULTS                                   | AS DESCRIBED BELOW   |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID) | IXJ  |
| POTENTIAL EFFECTS, SEVERITY, DURATION,              |  |
| The excavation and bank stabalization               | could cause a minor amount of suspended eam. This condition should only last for |
| a couple of hours with no serious effe              | ects on local aquatic environment.   |
|   |  |
|   |  |
| .*  |  |
|   |  |
|   |  |
|   |  |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A               | CTIVITY  |
|   |  |
| None  | •  |
| MITIGATIVE MEASURES:                                |  |
| Minimizing duration of program                      | •  |
| MINIMIZING duration of program                      |  |
| RESIDUAL IMPACTS:                                   |  |
|   |  |
| MONITORING REQUIREMENTS                             |  |
| None  |  |
| None  |  |
| Attach extra pages, as required                     | ,  |

| SCREENING PRO  | CEDURES US                     | SED                            |                                  |               |                        |
|--|--------------------------------|--------------------------------|----------------------------------|---------------|------------------------|
| INFORMATION SOL  | JRCES:                         |                                |                                  |               |                        |
| ٠  | E CONSULTED<br>Mach list of ti |                                | BLISHED INFORM ppropriate for ab |               | CONSULTATION           |
| SITE RECON   | INAISSANCE                     | DATE:                          | Attac                            | h maps photos | , plans, if available. |
| OTHER  | SPECIFY:                       | LANDOWN                        | ER & CONSE                       | ERVATION      | Authority              |
| FORMAL SCREE   | NING FINDING                   | GS                             |                                  |               |                        |
| 1.ADVERSE ENVIRO   | ONMENTAL EFF                   | ECTS ARE NOT                   | SIGNIFICANT OF                   | CAN BE MITI   | GATED. 🔀               |
| 2.ADVERSE ENVIRO   | NMENTAL EFFE                   | ECTS ARE NOT                   | ADEQUATELY KN                    | IOWN.         | ī                      |
| 3.ADVERSE ENVIRO   | ONMENTAL EFF                   | ECTS ARE SIGN                  | IFICANT.                         |               |                        |
| ACTIVITY IMPLE   | MENTATION                      | DECISION                       |                                  |               |                        |
| 1. ACTIVITY MAY P  | ROCEED - WIT                   | HOUT MITIGATIN                 | IG MEASURES                      |               | $\square$              |
|  | • -                            | WITH MITIGATIN                 | IG MEASURES                      | •             |                        |
|  |                                | · MONITORI                     | NG REQUIRED                      |               |                        |
| 2. FURTHER STUDI   |                                | COPE AND COS<br>NOT MATERIALLY |                                  |               |                        |
| 3. I.E.E. RECOMME  | NDED                           | [                              |                                  |               |                        |
| 4. E.I.S. RECOMME  | NDED                           | Ì                              |                                  |               |                        |
| Cinciana de la constitución de l |                                |                                |                                  |               |                        |
|  |                                |                                | Pout PM                          | 1.1           | 111 2-10               |
|  |                                | SIGNAT                         | but I //                         | AC MANAGER    | VIDA JS IXC            |
| APPROVAL   | Di.E.E.                        | REQUIRED                       | ,<br>П <sub>Е</sub>              | .S. REQUIRED  |                        |
| COMMENTS:  |                                |                                | <u></u>                          |               |                        |
|  | •                              | ·                              |                                  |               |                        |
|  |                                |                                |                                  |               |                        |
|  |                                |                                |                                  |               |                        |
| DECICION DECIS   | STEDEN                         | SIGNAT                         | URE: REGIONAL                    | DIRECTOR      | DATE                   |
| DECISION REGIS   | ) I ENED                       |                                |                                  |               |                        |
| COMMENTS.  |                                |                                | , ,                              |               |                        |
| ,  |                                |                                | 2 11 1                           | / kanh        | 011.11                 |
|  |                                | ./                             | 71. y. [[                        | vill.         | 86/04/02               |

SIGNATURE: REGIONAL EARP COORDINATOR

### Environment Canada

# **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - 86 -014  | DATE: MAR. 25, 1986  |
|--|--|
|  |  |
| ACTIVITY IDENTIFICATION  |  |
| TITLE: Installation of Bank Stabilization for Gauge Well and Shelter               | LOCATION:<br>VAL CARON                                     |
| INITIATOR/SPONSOR: Water Resources Branch  | ESTIMATED COST:  |
| ACTIVITY DESCRIPTION   |  |
| PURPOSE/NATURE OF ACTIVITY:  | LAND/WATER AREA AFFECTED:                                  |
| Bank Stabilization   | WHITSON RIVER  |
| AGENCIES INVOLVED:   | CONTRACTURAL ARRANGEMENT:                                  |
| Water Survey of Canada   | -Contract services of backhoe for excavating.              |
| WORK PLAN:   | -Purchase of rock and gravel fill                          |
| ·  | -rurchase of fock and graver fill                          |
|  | <i>'</i>   |
|  | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING: |
| WORK SCHEDULE:   | SUBSCUTTO SEPARATE SCREENING.                              |
|  | None   |
| ·  |  |
|  |  |
| PRELIMINARY SCREENING RESULTS  |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENIN                                   | G:   |
| Installation of fill material could cause moment disrupt local aquatic environment | ntary disturbance of water quality an                      |
|  |  |
|  |  |
|  |  |
|  |  |
| R. J. Myslik/Assistant Regional Engineer   | MAR. 25, 1986  |
| PREPARED BY: (NAME & TITLE)  | DATE:  |
| L.J. KAMP  | MAR 25, 1986  DATE:  86/04/02                              |
| REGISTERED BY: REGIONAL EARP COORDINATOR   | DATE:  |

# Environment Canada

# **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

| ENVIRONMENTAL | SCREENING |
|---------------|-----------|
|---------------|-----------|

ACTIVITY REGISTER NO.: WB-86-014

ACTIVITY: Bank Stabalization

WHITSON KWER/VAL CARON

| PRESENT USE/ZONING:  | PREVIOUS DISTURBANCE:                        |
|--|--|
| TOWNSHIP ROAD ALLOWANCE  | Installation of gauge well                   |
| ENVIRONMENTAL RESOURCE VALUES: 森   |  |
| Water is used for dilution of sewage ef  | fluent and supports aquatic life for fishing |
|  | •  |
| ·  | ·  |
| ,  |  |
|  |  |
|  |  |
| SCREENING RESULTS  |  |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)                              | x AS DESCRIBED BELOW                         |
| POTENTIAL EFFECTS, SEVERITY, DURATION, R   | ISK OF SERIOUS EFFECTS: *                    |
| The excavation and bank stabalization co   |  |
| sediment to be dispersed into the stream a couple of hours with no serious effec |  |
| a couple of mouth with no believes exter   | es on rooms aquatic environment.             |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| NATURE/EXTENT OF PUBLIC CONCERN RE: AC   | TIVITY:                                      |
| None   |  |
|  |  |
| MITIGATIVE MEASURES:   |  |
| Minimizing duration of program   |  |
|  |  |
| RESIDUAL IMPACTS:  |  |
|  |  |
| MONITORING REQUIREMENTS  |  |
| None   | ·  |
| None   |  |

| SCREENING PROCEDURES USED                    |  |          |
|--|--|----------|
| INFORMATION SOURCES:                         |  | منسه     |
| LITERATURE CONSULTED Attach list of titles/n | UNPUBLISHED INFORMATION X CONSULTATION ames as appropriate for above categories. | ИС       |
| SITE RECONNAISSANCE DAT                      | TE: Attach maps photos, plans, if availab  | le.      |
| OTHER SPECIFY:                               | CONSERVATION AUTHORITY   |          |
| FORMAL SCREENING FINDINGS                    |  |          |
| 1.ADVERSE ENVIRONMENTAL EFFECTS              | S ARE NOT SIGNIFICANT OR CAN BE MITIGATED. 🗶                                     |          |
| 2.ADVERSE ENVIRONMENTAL EFFECTS              | ARE NOT ADEQUATELY KNOWN.  |          |
| 3.ADVERSE ENVIRONMENTAL EFFECTS              | ARE SIGNIFICANT.   |          |
| ACTIVITY IMPLEMENTATION DECI                 | ISION  |          |
| 1. ACTIVITY MAY PROCEED - WITHOUT            | MITIGATING MEASURES  |          |
| - WITH                                       | MITIGATING MEASURES  |          |
|  | MONITORING REQUIRED  |          |
| 2. FURTHER STUDIES NEEDED - SCOPE<br>NOT M.  | E AND COSTS OF ACTIVITY MATERIALLY AFFECTED                                      |          |
| 3. I.E.E. RECOMMENDED                        |  |          |
| 4. E.I.S. RECOMMENDED                        |  |          |
|  |  |          |
|  | Lobert Muslik Whr25,1986<br>SIGNATURE: INITIATOR/RC MANAGER DATE                 | <u> </u> |
| APPROVAL I.E.E. REQU                         | UIRED E.I.S. REQUIRED  |          |
| COMMENTS:                                    |  |          |
|  |  |          |
| •  |  |          |
|  | SIGNATURE: REGIONAL DIRECTOR DATE  |          |
| DECISION REGISTERED                          |  |          |
| COMMENTS:                                    |  |          |
|  |  |          |

SIGNATURE: REGIONAL EARP COORDINATOR

### 🛮 🍲 Environment Canada

### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - 86 - 0  | 15 DATE: MAR. 25, 1986                                     |
|---|--|
| ACTIVITY IDENTIFICATION   | <u>;</u>   |
| TITLE: Installation of Bank Stabilization for Gauge Well and Shelter  | LOCATION:  |
| INITIATOR/SPONSOR: Water Resources Branch   | FSTIMATED COST \$2.5K                                      |
| ACTIVITY DESCRIPTION  |  |
| PURPOSE/NATURE OF ACTIVITY:   | LAND/WATER AREA AFFECTED:                                  |
| Bank Stabilízation  | NORTH WEST GAMARASKA R.                                    |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT:                                  |
| Water Survey of Canada  | -Contract services of backhoe fo                           |
| WORK PLAN:  | -Purchase of rock and gravel fil                           |
|   | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCRIENING: |
| WORK SCHEDULE:  | None   |
| PRELIMINARY SCREENING RESULTS   |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENII<br>Installation of fill material could cause mome<br>disrupt local aquatic environment |  |
|   |  |
| TR. J. Myslik/Assistant Regional Engineer   | MAR. 25, 1986  |
| PREPARED BY: (NAME & TITLE)   | DATE:  |
| L.J. KAMP   | 86/04/02   |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:  |

## 🛮 🕸 Environment Canada

# **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WRB - 86-015
ACTIVITY: Bank Stabalization

| DESCRIPTION OF PROPOSED SITE OF A      |  |
|--|--|
| PRESENT USE/ZONING:                    | PREVIOUS DISTURBANCE:  |
| TRIVATE TROPERTY/LEASED                | Installation of gauge well   |
| ENVIRONMENTAL RESOURCE VALUES:         |  |
| Water is used for dilution of sewage   | effluent and supports aquatic life for fishing   |
|  | •  |
|  |  |
|  |  |
|  |  |
|  | graphically fluid recorded to proceed a flatorises for all designations and all the control of t |
| SCREENING RESULTS                      |  |
| AS INDICATED ON MATRIX                 | AS DESCRIBED BELOW   |
| POTENTIAL EFFECTS, SEVERITY, DURATION. | RISK OF SERIOUS EFFECTS: *   |
|  |  |
|  | could cause a minor amount of suspended cam. This condition should only last for   |
| a couple of hours with no serious effe | · ·  |
| •                                      |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A  | ACTIVITY:  |
|  |  |
| None                                   |  |
|  |  |
| MITIGATIVE MEASURES:                   |  |
| Minimizing duration of program         |  |
|  |  |
| RESIDUAL IMPACTS:                      |  |
|  |  |
| MONITORING REQUIREMENTS                |  |
| News                                   |  |
| None                                   |  |
| Attach extra pages, as required        |  |
| Me Witacii avita hadas, as redanco     |  |

| SCREENING PROCEDURES USED   |  |   |
|---|--|---|
| INFORMATION SOURCES:  |  |   |
| LITERATURE CONSULTED Altach list of titles/na   | UNPUBLISHED INFORMATION mes as appropriate for above categor | ONSULTATION   |
| SITE RECONNAISSANCE DATE  | : Attach maps pho  | tes, plans, it available.   |
| OTHER SPECIFY:  | OWNER & CONSERVATION   | Authority   |
| FORMAL SCREENING FINDINGS   |  | :   |
| 1.ADVERSE ENVIRONMENTAL EFFECTS A   | ARE NOT SIGNIFICANT OR CAN BE M                              | ITIGATED. 🔀   |
| 2.ADVERSE ENVIRONMENTAL EFFECTS A   | BE NOT ADEQUATELY KNOWN.                                     |   |
| 3.ADVERSE ENVIRONMENTAL EFFECTS A   |  |   |
| ACTIVITY IMPLEMENTATION DECIS   | SION   | The second se |
|   | MTIGATING MEASURES MONITORING REQUIRED                       |   |
| 3. LE.L. RECOMMENDED 4. E.I.S. RECOMMENDED  |  |   |
| Ment i right i servennenngangga setsendi - II transferrennig Hermania Arcicus sa garpo publika sela utandaphpaginan | Labert & Myslik<br>SIGNATURE: INITIATORITE MANAGE            | Mr. 25/86   |
| APPROVAL LE.E. REQUIE   | RED E.I.S. REQUIR  | ED  |
|   |  |   |
| DECISION REGISTERED COMMENTS:   | SIGNATURE: REGIONAL DIRECTOR                                 | DATE  |
|   |  |   |



# **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE
Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - 86 - 016  | DATE: MAR. 25, 1986                  |
|---|--------------------------------------|
| ACTIVITY IDENTIFICATION   | ;                                    |
| TITLE: Extension of Gauge Well  | LOCATION:<br>TECUMSEH                |
| INITIATOR/SPONSOR: Water Resources Branch   | ESTIMATED COST: #   K                |
| ACTIVITY DESCRIPTION  |                                      |
| PURPOSE/NATURE OF ACTIVITY:   | LAND/WATER AREA AFFECTED:            |
| Protection of instrumentation from high water   | DETROIT RIVER                        |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT:            |
| work PLAN:  -deliver material to gauge site -remove existing shelter -add extension to well -re-install shelter   | OTHER PROJECT COMPONENTS             |
|   | SUBJECT TO SEPARATE SCREENING:       |
| PRELIMINARY SCREENING RESULTS   |                                      |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING None, as this work does not disturb any area will conditions. Work is carries out at existing simple statement of the conditions of the conditions. | hich could change the enviromental   |
| R. J. Nyslik/Assistant Regional Engineer PREPARED BY: (NAME & TITLE)  L. J. KAMP  | March 25, 1986<br>DATE:<br>86/04/02  |
| PREPARED BY: (NAME & TITLE)   | March 25, 1986 DATE:  86/04/02 DATE: |

# Environment Canada

### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

| ACTIVITY | REGISTER | NO.: | WI | RB-86 | -016 |
|----------|----------|------|----|-------|------|
| ACTIVITY | Fytens   |      |    |       |      |

| PRESENT USE/ZONING:  | PREVIOUS DISTURBANCE:          |
|--|--------------------------------|
| CROWN PROPERTY   | <b>N</b>                       |
| ENVIRONMENTAL RESOURCE VALUES:   |                                |
|  |                                |
| A  |                                |
| AESTHETIC VALUE (  | Chry                           |
|  |                                |
| _  |                                |
|  |                                |
| CREENING RESULTS   |                                |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL A                                 |                                |
| OTENTIAL EFFECTS, SEVERITY, DURAT  | TION, RISK OF SERIOUS EFFECTS: |
| •  |                                |
|  |                                |
| •  |                                |
|  | ·                              |
| NO EFFECT ON SURRE   | OUNDING ENVIRONMENT            |
| NO EFFECT ON SURRE   | OUNDING ENVIRONMENT            |
| NO EFFECT ON SURRI   | OUNDING ENVIRONMENT            |
| NO EFFECT ON SURRO   | OUNDING ENVIRONMENT            |
| NO EFFECT ON SURRO   | OUNDING ENVIRONMENT            |
|  |                                |
| IATURE/EXTENT OF PUBLIC CONCERN F  |                                |
|  |                                |
| IATURE/EXTENT OF PUBLIC CONCERN F  |                                |
| NIL MITIGATIVE MEASURES:   | RE: ACTIVITY:                  |
| NIL  | RE: ACTIVITY:                  |
| INTURE/EXTENT OF PUBLIC CONCERN IN ILL STATEMENT MEASURES:  NONE REQUIRESTRUCTS: | RE: ACTIVITY:                  |
| INTURE/EXTENT OF PUBLIC CONCERN IN NOTE REQUIRED.                                | RE: ACTIVITY:                  |
| NIL MITIGATIVE MEASURES:  NONE REQUESTRESSIONAL IMPACTS:                         | RE: ACTIVITY:                  |

| SCK                | EENING PHO       | CEDURES USE           | U                          |  |                         |                                      |
|--------------------|------------------|-----------------------|----------------------------|--|-------------------------|--------------------------------------|
| INFO               | RMATION SOUR     | RCES:                 |                            |  |                         | ومريد ما بريمين بسية سية سية بالمديد |
|                    | LITERATURE<br>AL |                       |                            | ISHED INFORMATION OPPOSITE TO A STORY OF THE |                         | ONSULTATION                          |
|                    | SITE RECONN      | NAISSANCE [           | DATE:                      | Attach ma  | ps photos, <b>p</b> lan | s, it avaitable.                     |
|                    | OTHER            | SPECIFY:              |                            |  |                         |                                      |
| territorios magaza |                  |                       |                            |  |                         |                                      |
| FORM               | MAL SCREEN       | ING FINDINGS          |                            |  |                         |                                      |
| 1. A D V           | ERSE ENVIRO      | NMENTAL EFFEC         | TS ARE NOT S               | IGNIFICANT OR CAI  | N BE MITIGATE           | p. 🔀                                 |
|                    |                  |                       |                            | DEQUATELY KNOWN  | •                       |                                      |
|                    |                  | NMENTAL ELELC         |                            |  | <b>.</b>                |                                      |
|                    |                  |                       |                            |  |                         |                                      |
| ACTI               | VITY IMPLEN      | MENTATION DE          | ECISION                    |  |                         |                                      |
| 1, AC              | TIVITY MAY PR    | OCEED - WITHO<br>- WI | TH MITIGATING              |  |                         |                                      |
| 2. FU              | RTHER STUDIES    | S NEEDLD - SCC<br>NOT | OPE AND COST<br>MATERIALLY |  |                         |                                      |
|                    | .E. RECOMMEN     |                       |                            | ]  |                         |                                      |
| <del></del>        |                  |                       | Lob                        | ert Myslinis Miller  | K MANAGER               | 425, 1986<br>DATE                    |
| APP                | ROVAL            | □ I.E.E. RE           | EQUIRED                    |  | REQUIRED                |                                      |
| COMM               | IENTS:           |                       |                            |  | ic domet/               |                                      |
|                    |                  |                       |                            |  |                         |                                      |
|                    |                  |                       |                            |  |                         |                                      |
|                    | ISION REGIST     | TERED                 | SIGNATU                    | RE: REGIONAL DIRE  | ECTOR                   | DATE                                 |
|                    |                  |                       |                            | . /  |                         |                                      |



### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: NRB - 86 - 017  | DATE: Mar. 25, 1986   |
|---|---|
| ACTIVITY IDENTIFICATION   | + 1   |
| TITLE: Extension of Gauge Well  | LASALLE   |
| INITIATOR/SPONSOR: Water Resources Branch   | ESTIMATED COST: 4 K   |
| ACTIVITY DESCRIPTION  |   |
| PURPOSE/NATURE OF ACTIVITY:  Protection of instrumentation from high water AGENCIES INVOLVED:     | LAND/WATER AREA AFFLOTED:  DETROIT RIVER  CONTRACTURAL ARRANGEMENT: |
| WORK PLAN:  -deliver material to gauge site -remove existing shelter -add extension to well       | Mone  |
| -re-install shelter  -backfill around gauge shelter  WORK SCHEDULE:                               | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING:          |
| PRELIMINARY SCREENING RESULTS CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING                   |   |
| None, as this work does not disturb any area when conditions. Work is carries out at existing sit |   |
|   | 100   |
| R. J. Myslik/Assistant Regional Engineer PREPARED BY: (NAME & TITLE)                              | Mar 25/1986<br>DATE:<br>86/04/02                                    |
| L.J. KAMP   |   |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:   |

|  | Environment | Canada |
|--|-------------|--------|
|--|-------------|--------|

# **ACTIVITY SCREENING REPORT**

| INLAND  | WATERS | DIRECTORATE |
|---------|--------|-------------|
| Ontario | Region | •           |

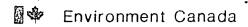
ENVIRONMENTAL SCREENING

Attach extra n' es, as required

| ACTIVITY  | REGISTER | NO.: | WRB-  | 86-017 |
|-----------|----------|------|-------|--------|
| ACTIVITY: | OIT RIVE | INC. | EXTEN | 510N   |

| Elaaluolamelaive 20ureigiiag   | Detroit RIVER - EXTENSION  |
|--|----------------------------|
|  |                            |
| DESCRIPTION OF PROPOSED SITE OF A  | CTIVITY                    |
| PRESENT USE/ZONING:  | PREVIOUS DISTURBANCE:      |
| Conservation Park & MARINA   | M.L                        |
| ENVIRONMENTAL RESOURCE VALUES: 🕸   |                            |
| AESTHETIC VALUE ONLY   |                            |
| MESTHETIC VALUE ONLY   |                            |
|  |                            |
|  |                            |
|  |                            |
| Control Control Rept. (Act and Appendix as |                            |
| SCREENING RESULTS  |                            |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  | AS DESCRIBED BELOW         |
| POTENTIAL EFFECTS, SEVERITY, DURATION, I   | RISK OF SERIOUS EFFECTS: 🎄 |
| ·  |                            |
|  |                            |
| No EFFECT ON SURROUNDIN  | NG ENVIRONMENT             |
|  |                            |
|  |                            |
| •  |                            |
|  |                            |
|  |                            |
| NATURE/EXTENT OF PUBLIC CONCERN RE: AC   | CTIVITY:                   |
| With the control of t |                            |
| NIL  |                            |
| MITIGATIVE MEASURES:   |                            |
|  |                            |
| NONE REQUIR  | AD.                        |
| RESIDUAL IMPACTS:  |                            |
| None   |                            |
| MONITORING REQUIREMENTS  |                            |
| <b>X</b> 1   |                            |
| NONE   |                            |
|  |                            |

| SCREENING PROCEDURES USE  | D                                      |   |   |
|---|--|---|---|
| INFORMATION SOURCES:  |  |   |   |
| LITERATURE CONSULTED  Attach list of title  | UNPUBLISHED s/names as appropriate     |   | CONSULTATION  |
|   | PATE:                                  | ٦                                       | ".<br>s. plans, if avaitable.   |
| OTHER SPECIFY:  |  | <b>1</b>                                |   |
| Local   | CONSERVATION                           | AUTHORITY                               |   |
| FORMAL SCREENING FINDINGS   | ·                                      | · · · · · · · · · · · · · · · · · · ·   |   |
| terkitana <u>n ya ibi sabagai pangan sabara kiji mati kapan dan katan menjalangan bila kapan mengalan Mananda</u> |  |   | Dirik distra <u>m kandu ang manguna mangu</u> na ni hidiri Pitu milajin nya Biron chi Gadhican kandu dama |
| 1.ADVERSE ENVIRONMENTAL EFFEC   | TS ARE NOT SIGNIFIC.                   | ANT OR CAN BE MIT                       | IGATED. 🔀   |
| 2.ADVERSE ENVIRONMENTAL EFFECT  | IS ARE NOT ADEQUAT                     | ELY-KNOWN.                              |   |
| 3.ADVERSE ENVIRONMENTAL EFFLC   | TS ARE SIGNIFICANT.                    |   |   |
|   |  |   | name and telephonic pages a hare a Artifette de sentin de campa   |
| ACTIVITY IMPLEMENTATION DE  | ECISION                                |   |   |
| 1. ACTIVITY MAY PROCEED - WITHO   | UT MITIGATING MEASU                    | JRES                                    | $\boxtimes$   |
| - WI  | TH MITIGATING MEASU                    | IRES                                    |   |
| •   | MONITORING REQU                        | IRI D                                   |   |
| 2. FURTHER STUDIES NEEDED - SCC<br>NOT  | PPE AND COSTS OF ACT MATERIALLY AFFECT |   |   |
| 3. LLE. RECOMMENDED   |  |   |   |
| 4. F.I.S. RECOMMENDED   |  |   |   |
|   |  |   |   |
|   |  | 1-1/2 1:1                               | 1/2 /   |
|   | SIGNATURE: WIT                         | WYSUR                                   | March 25, 198   |
|   |  | , |   |
| APPROVAL LE.E. RE   | (0),(0)                                |   |   |
|   | OURED .                                | LJE.I.S. REQUIRED                       | <b>)</b>  |
| COMMENTS:   |  |   |   |
|   |  |   |   |
|   |  |   |   |
|   | SIGNATURE: REC                         | HONAL DIRECTOR                          | DATE  |
| DECISION REGISTERED   |  |   |   |
| COMMENTS:   | <i>^</i>                               | <i>j</i> .                              |   |
|   | £ //                                   | 1 ((am. h                               | 86/04/02  |
|   | SIGNATURE: REG                         | SIONAL EARP COORD                       | DINATOR DATE  |



# ACTIVITY SCREENING REGISTER

INLAND WATERS DIRECTORATE Ontaric Region

| ACTIVITY REGISTER NUMBER: WEB-86 - 018            | DATE: MARCH 26,1986                                     |
|---|---|
| ACTIVITY IDENTIFICATION                           | :   |
| TITLE:  | LOCATION:   |
| CHANNEL IMPROVEMENT                               | St. Thomas  |
| INITIATOR/SPONSOR:                                | ESTIMATED COST: \$600                                   |
| ACTIVITY DESCRIPTION                              |   |
| PURPOSE/NATURE OF ACTIVITY:                       | LAND/WATER AREA AFFECTED:                               |
| IMPROVE DISCHARGE MONITORING                      | KETTLE CREEK  |
| AGENCIES INVOLVED:                                | CONTRACTURAL ARRANGEMENT:                               |
| WATER RESOURCES BRANCH                            | - Contract services of                                  |
| WORK PLAN:  | -   |
| -excavate excess fill-from channel bed            |   |
| •   | OTHER BROUEST COMPONE                                   |
| WORK SCHEDULE:                                    | OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING: |
| WORK SCHEDOLE.                                    |   |
|   | - None  |
| PRELIMINARY SCREENING RESULTS                     |   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING |   |
| Excavation on Streambed could te                  | emporarily affect unter                                 |
|   |   |
| quality and disrupt aquatic environment.          |   |
|   |   |
| R.J. Myslik Assistant Regional Engineer           | Wareh 26, 1986  |
| L. J. KAME & TITLES                               | March 26, 1986  DATE:  86/04/02  DATE:                  |
| REGISTERED BY: REGIONAL EARP COORDINATOR          | DATE:   |

# 🛮 🏶 Environment Canada

# **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

#### ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WLB - Bb - CIB
ACTIVITY: Channel Improvement
Kettle, Creek/St. Thomas

| PRESENT USE/ZONING:   | PREVIOUS DISTURBANCE:                         |
|---|---|
| Township Hoad allower                                       | ace Gauge Installation                        |
| NVIRONMENTAL RESOURCE VALUES: 🎏                             |   |
| •   |   |
|   |   |
| Water Supply  |   |
| . ( )   |   |
|   |   |
|   |   |
| er enter en entre en    |   |
| CREENING RESULTS  |   |
| AS INDICATED ON MATRIX                                      | AS DESCRIBED BELOW                            |
| (TO BE USED AS OPTIONAL A                                   |   |
| DIENTIAL EFFECTS, SEVERITY, DURA                            | TION, RISK OF SERIOUS EFFECTS: *              |
|   |   |
| <del></del>   |   |
| The short duration  | of the project will prevent                   |
| The short duration  | of the project will prevent                   |
| The short duration of serious effects to                    | of the project will prevent the water course. |
| The short duration of<br>2my serious effects to             | of the project will prevent the water course. |
| The short duration of<br>2my serious effects to             | of the project will prevent the water course. |
| The short duration of any serious effects to                | of the project will prevent the water course. |
| The short duration of<br>2my serious effects to             | of the project will prevent the water course. |
| The short duration of any serious effects to                | of the project will prevent the water course. |
| The short duration of my serious effects to                 | of the project will prevent the water course. |
| (   |   |
| The short duration any serious effects to                   |   |
| ATURE/EXTENT OF PUBLIC CONCERN F                            |   |
| ATURE/EXTENT OF PUBLIC CONCERN F                            |   |
| ATURE/EXTENT OF PUBLIC CONCERN F                            |   |
|   |   |
| ATURE/EXTENT OF PUBLIC CONCERN F                            |   |
| ATURE/EXTENT OF PUBLIC CONCERN F                            |   |
| ATURE/EXTENT OF PUBLIC CONCERN F  Mone  ITIGATIVE MEASURES: |   |

| SCREENING PROCEDURES USED                      |                                   |                        |                         |
|--|-----------------------------------|------------------------|-------------------------|
| INFORMATION SOURCES:                           | 7                                 | NEODMATION             | <b>V</b>                |
| LITERATURE CONSULTED                           | J UNPUBLISHED Ines as appropriate |                        | X CONSULTATION          |
| SITE RECONNAISSANCE DATE:                      |                                   | Attach maps phote      | os, plans, it available |
| OTHER SPECIFY:                                 | Conser va                         | tion Author            | -'ity                   |
| FORMAL SCREENING FINDINGS                      |                                   |                        | :                       |
| 1.ADVERSE ENVIRONMENTAL EFFECTS A              | RE NOT SIGNIFICA                  | ANT OR CAN BE MIT      | TIGATED. 🛛              |
| 2.ADVERSE ENVIRONMENTAL EFFECTS AF             | RE NOT ADEQUATE                   | ELY KNOWN.             |                         |
| 3.ADVERSE ENVIRONMENTAL EFFECTS A              | RE SIGNIFICANT.                   |                        |                         |
| ACTIVITY IMPLEMENTATION DECIS                  | ION                               |                        |                         |
| 1. ACTIVITY MAY PROCEED - WITHOUT M            | ITIGATING MEASU                   | RES                    |                         |
| - WITH M                                       | ITIGATING MEASU                   | RES                    |                         |
| . М  | ONITORING REQUI                   | RED                    |                         |
| 2. FURTHER STUDIES NEEDED - SCOPE A<br>NOT MAT | ND COSTS OF ACTEMIALLY AFFECTE    |                        |                         |
| 3. I.E.E. RECOMMENDED                          |                                   |                        |                         |
| 4. E.I.S. RECOMMENDED                          |                                   |                        |                         |
|  | SIGNATURE: INIT                   | Myslik TATOR/RC MANAGE | Marchae/86 ER DATE      |
| APPROVAL I.E.E. REQUIR                         | FD                                | E.I.S. REQUIRE         | n                       |
| COMMENTS:                                      |                                   | EJE.I.S. NEGOINE       | U                       |
|  |                                   |                        |                         |
|  |                                   |                        |                         |
| DECISION REGISTERED COMMENTS:                  | SIGNATURE: REG                    | IONAL DIRECTOR         | DATE                    |
|  | SIGNATURE: REGI                   | LAMP                   | 86/04/02                |

### 🛮 🗢 Environment Canada

# ACTIVITY SCREENING REGISTER

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - 86 - 019                             | DATE: MAR. 26, 1986                                     |
|--|---|
| ACTIVITY IDENTIFICATION  | :   |
|  | ILOCATION:  |
| GAUGE WELL REPAIR  | COMMANDA  |
| INITIATOR/SPONSOR:   | ESTIMATED COST: # 2.5 K                                 |
| ACTIVITY DESCRIPTION   |   |
| PURPOSE/NATURE OF ACTIVITY:  | LAND/WATER AREA AFFECTED:                               |
| INTAKE WATER LEVEL MONITO  |   |
| AGENCIES INVOLVED:   | CONTRACTURAL ARRANGEMENT:                               |
| WATER RESOURCES BRANCH   | - Contract Services of Bad                              |
| WORK PLAN:   | for exeauation  |
| - excavate trench to INATERS EDGE                                    |   |
| - repair intake pipes connected to well                              |   |
| - backfill over intake   |   |
|  | OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING: |
| WORK SCHEDULE:   | Jobbsen To get minite sometimes.                        |
|  |   |
|  | None  |
|  |   |
|  |   |
| PRELIMINARY SCREENING RESULTS  |   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING:                   |   |
| E. a. d. i and   | 1 = 0 = 14 1= = 11                                      |
| Excavation on stream bank and effect water quality and disrupt agree | bed could temporarily                                   |
| litteet water quality and disrupt agri                               | vatic anvironment.                                      |
| . ,  |   |
|  |   |
|  |   |
| R.J. Myslik Assistant Regional Engine<br>PREPARED BY: (NAME & TITLE) | LET MAR 76 1986   |
| PREPARED BY: (NAME & TITLE)  | DATE:   |
|  | 86/04/02  |
| L.J. KAMP  REGISTERED BY: REGIONAL EARP COORDINATOR                  | <u> </u>  |
| REGISTERED RAT REGIONAL EARL COOMDINATOR                             | DATE:   |

# B Environment Canada

### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

### ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: PLB-86-019
ACTIVITY: Intake Repair
Commanda CRE/Commanda

| DESCRIPTION OF PROPOSED SITE OF AC   | TIVITY                   |
|--|--------------------------|
| PRESENT USE/ZONING:  | PREVIOUS DISTURBANCE:    |
| Township Koad Allowance  | NONE                     |
| ENVIRONMENTAL RESOURCE VALUES:   |                          |
|  |                          |
| Fishing, Wildlife Habitat & W  | ater Supply              |
| (  | 11                       |
|  | ·                        |
|  |                          |
| The source of the second secon |                          |
| SCREENING RESULTS  |                          |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONAL AID)  | AS DESCRIBED BELOW       |
| POTENTIAL EFFECTS, SEVERITY, DURATION, RI  | SK OF SERIOUS EFFECTS: # |
| Excavation to the stream bank is a short of a small area. No major sediment problem wi   |                          |
| environment.   |                          |
|  |                          |
|  |                          |
|  |                          |
| •  |                          |
|  |                          |
|  |                          |
|  |                          |
| NATURE/EXTENT OF PUBLIC CONCERN RE: ACTI   | VITY:                    |
|  |                          |
| None   |                          |
| MITIGATIVE MEASURES:   |                          |
|  |                          |
| Stream Bank Stabalization to prevent Pote  | ential Sediment Sources  |
| RESIDUAL IMPACTS:  |                          |
| NONE   |                          |
| MONITORING REQUIREMENTS  |                          |
|  |                          |
| Site Inspection after Completion of Projec   | t                        |
| Attach extra page required   |                          |

B .

| SCREENING PROCEDURES USED   |   |                |
|---|---|----------------|
| INFORMATION SOURCES:  |   |                |
| LITERATURE CONSULTED  Attach list of titles/  | UNPUBLISHED INFORMATION CONSUL  | TATION         |
| SITE RECONNAISSANCE DA  | Attach maps photos, plans, if av  | /ailable.      |
| OTHER SPECIFY:  | 1 Conservation Authority  |                |
| FORMAL SCREENING FINDINGS   |   | معرضه المعرضية |
| 1.ADVERSE ENVIRONMENTAL EFFECTS 2.ADVERSE ENVIRONMENTAL EFFECTS 3.ADVERSE ENVIRONMENTAL EFFECTS |   |                |
| ACTIVITY IMPLEMENTATION DEC   | CISION  |                |
|   | MONITORING REQUIRED   |                |
| 2. FURTHER STUDIES NEEDED - SCOP<br>NOT I   | MATERIALLY AFFECTED   |                |
| 3. I.E.E. RECOMMENDED 4. E.I.S. RECOMMENDED   |   | ALC VI         |
|   | SIGNATURE: INITIATOR/RC MANAGER DATE                                      | 26/86          |
| APPROVAL I.E.E. REC   | DUIRED E.I.S. REQUIRED  |                |
| COMMENTS:   |   |                |
|   |   |                |
| DECISION REGISTERED COMMENTS:   | SIGNATURE: REGIONAL DIRECTOR DATE  SIGNATURE: REGIONAL EARP COORDINATOR D | 1040z          |

# Environment Canada ACTIVITY SCREENING REGISTER

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: URB - 86 - 020          | DATE: MAR. 25, 1986  |
|---|--|
| ACTIVITY IDENTIFICATION                           |  |
| TITLE: REPAIR & UPCRADE INSTRUMENTATION SHELTER   | LOCATION:<br>SAULT STE. MARIE  |
| INITIATOR/SPONSOR: WATER RESources BRAN           | COTHATED COOT  |
| ACTIVITY DESCRIPTION                              |  |
| PURPOSE/NATURE OF ACTIVITY:                       | LAND/WATER AREA AFFECTED:  |
| UFGRADE PRESENT INSTALLATION                      | St. MARY'S RIVER   |
| AGENCIES INVOLVED:                                | CONTRACTURAL ARRANGEMENT: - CONTRACT CONCRETE WORK TO SUPPORT FLOORING |
| WORK PLAN:  | - CONTRACT RE-TARING OF ROOTHER PROJECT COMPONENTS                     |
| WORK SCHEDULE:                                    | SUBJECT TO SEPARATE SCREENING:   |
| PRELIMINARY SCREENING RESULTS                     |  |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING | à:   |
| NONE  |  |
|   |  |
| R.J. Myslik Assistant REGIONAL ENG                | MAR. 25, 1985  |
| PREPARED BY: (NAMÉ & TITLE)                       | DATE:  |
| L.J. KAMP   | 86104102   |
| REGISTERED BY: REGIONAL EARP COORDINATOR          | DATE:  |

### Environment Canada

### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

| ESCRIPTION OF PROPOSED SITES RESENT USE/ZONING: | PREVIOUS DISTURBANCE:               |
|---|-------------------------------------|
| MUNICIPAL                                       | None                                |
| NVIRONMENTAL RESOURCE VALUES:                   | : #                                 |
|   |                                     |
| NAVIGATION & FO                                 | SWER SUPPLY                         |
| 11116   |                                     |
|   |                                     |
|   |                                     |
|   |                                     |
| CREENING RESULTS                                | AS DESCRIBED BELOW                  |
| AS INDICATED ON MATRIX (TO BE USED AS OPTIONA   | AL AID) 1 43                        |
| OTENTIAL EFFECTS, SEVERITY, DU                  | URATION, RISK OF SERIOUS EFFECTS: * |
| ·   |                                     |
|   |                                     |
| No EFFECT TO 1                                  | WATER COURSE                        |
|   |                                     |
|   |                                     |
|   |                                     |
|   | ·                                   |
|   |                                     |
|   |                                     |
|   | ERN RE: ACTIVITY:                   |
| ATURE/EXTENT OF PUBLIC CONCE                    |                                     |
| ATURE/EXTENT OF PUBLIC CONCE                    |                                     |
|   |                                     |
| None  |                                     |
| None  |                                     |
| NONE<br>ITIGATIVE MEASURES:                     |                                     |
| NONE ITIGATIVE MEASURES: NONE                   |                                     |
| NONE IITIGATIVE MEASURES:                       |                                     |

| SCREENING PROCEDUR           | ES USED                                      |  |  |
|------------------------------|--|--|--|
| INFORMATION SOURCES:         | []   |  | ,  |
| LITERATURE CONSUL Attach lis | TED UNPUBLISE<br>t of titles/names as approp | HED INFORMATION priate for above categor | CONSULTATION   |
| SITE RECONNAISSAN            | CE DATE:                                     | Attach maps phe                          | tes, plans, il available.  |
| OTHER SPECIF                 | Υ:   | <del></del>                              | ····   |
|                              |  |  |  |
| FORMAL SCREENING FIR         | NDINGS                                       |  | · ·  |
|                              |  |  |  |
| LADVERSE ENVIRONMENTA        |  |  | HITIGATED.   |
| 2.ADVERSE ENVIRONMENTAL      |  |  |  |
| S.ADVERSE ENVIRONMENTA       | L EFFECTS ARE SIGNHIC?                       | INT.                                     |  |
| ACTIVITY IMPLEMENTA          | TION DECISION                                |  | a gramman, marinisi dilika tika dina karen 2000-en 2000-en 2000-en 2000-en 2000-en 2000-en 2000-en 2000-en 200 |
| 1. ACTIVITY MAY PROCEED      | - WITHOUT MITIGATING M                       | EASURES                                  | X  |
|                              | - WITH MITIGATING M                          | EASURES                                  |  |
|                              | - MONITORING F                               | require D                                |  |
| 2. FURTHER STUDIES NEEDS     | D - SCOPE AND COSTS C<br>NOT MATERIALLY ALL  |  |  |
| 3. 1.E.E. RECOMMENDED        |  |  |  |
| 4. E.I.S. RECOMMENDED        |  |  |  |
| · · · .                      | FIGHTORE.                                    | At I Myslik<br>EINITIGTORIRY MANAC       | May 25/86<br>DATE DATE   |
| APPROVAL                     |  | <i>l</i>                                 |  |
|                              | I.E.E. REQUIRED                              | E.I.S. REQUIP                            | RED  |
| COMMENTS:                    |  |  |  |
|                              |  |  |  |
|                              | SIGNATURE                                    | REGIONAL DIRECTOR                        | DATE   |
| DECISION REGISTERED          | 5.5  | TEGIOTAL BITEGIOT                        | ONTE   |
| COMMENTS:                    |  | ,  |  |
|                              |  | 11/.                                     |  |
|                              | X  | 1. (Camb.                                | 86/04/02   |
|                              | SIGNATURE:                                   | REGIONAL EARLY COO                       | RDINATOR DATE  |

# 🛮 🍄 Environment Canada

### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB 86-021                         | DATE: MAR. 20, 1986   |
|--|---|
| ACTIVITY IDENTIFICATION                                      | :   |
| TITIE  | LOCATION:   |
| Construction of a gauge shelter at existing hydrometric site | NORTH BAY   |
| INITIATOR/SPONSOR: Water Resources Branch                    | ESTIMATED COST: 6 K   |
| ACTIVITY DESCRIPTION   |   |
| PURPOSE/NATURE OF ACTIVITY:                                  | LAND/WATER AREA AFFECTED:   |
| Upgrade facilities for new instrumentation                   | CHIPPEWA CREEK  |
| AGENCIES INVOLVED:   | CONTRACTURAL ARRANGEMENT:   |
|  | - Purchase and delivery of concrete - Purchase and delivery of rock |
| WORK PLAN:   | fill  |
| - Deliver material to gauge site                             | 1   |
| - Pour concrete pad  |   |
| - Erect shelter  |   |
| - Complete interior of shelter - Backfill around shelter     | OTHER PROJECT COMPONENTS SUBJECT TO SEPARATE SCREENING:             |
| WORK SCHEDULE:   | oobbest to bet minte bontelime.                                     |
|  | None  |
|  |   |
|  |   |
| PRELIMINARY SCREENING RESULTS                                |   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING            | NG:   |
|  |   |
| No effect on water course or surrounding environ             | ment.   |
| •  |   |
|  |   |
|  |   |
| R. J. Myslik/Assistant Regional Engineer                     | March 20, 1986  |
| PREPARED RY: (NAME & TITLE)                                  |   |
| L.J. KAMP  | 86/04/02  |
| REGISTERED BY: REGIONAL EARP COORDINATOR                     | DATE:   |

### **Environment** Canada

# **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

🚓 Attach extra panes, as required

ACTIVITY REGISTER NO .: WEB - 86-02/
ACTIVITY: ERECT NEW GAUGE SHELTER
CHIPPEWA CREEK/MORTH BAY

|   | CHIPPENO L.DELA   |         |
|---|-------------------|---------|
|   | AT1117V           |         |
| DESCRIPTION OF PROPOSED SITE OF A                                   | PREVIOUS DISTURBA |         |
| PRESENT USE/ZONING: M. WOLD ROAD ALLOWANCE                          | NONE              | NOE:    |
| TUNICIPAL   | MOINE             |         |
| NVIRONMENTAL RESOURCE VALUES: \$                                    |                   |         |
|   |                   | •       |
| WATER SUPPLY  |                   |         |
| WATER   |                   |         |
|   |                   |         |
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|   |                   |         |
| CREENING RESULTS  |                   |         |
| AS INDICATED ON MATRIX  | X AS DESCRIBE     | D BELOW |
| (TO BE USED AS OPTIONAL AID) POTENTIAL EFFECTS, SEVERITY, DURATION. |                   | CTS: 本  |
|   |                   |         |
|   |                   |         |
| NO RISK TO SURROUNDING ENVIRONMENT                                  | י                 |         |
| NO MISK TO BORROUNDING ENVIRONMENT                                  |                   | •       |
|   |                   | •       |
|   |                   |         |
| ·   |                   |         |
|   |                   |         |
|   |                   |         |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A                               | CTIVITY           |         |
| TATURE PER TENT OF PUBLIC CONCERN AL. A                             |                   |         |
|   |                   |         |
| None  |                   |         |
| MITIGATIVE MEASURES:  |                   | •       |
|   |                   |         |
| None<br>RESIDUAL IMPACTS:   |                   |         |
| RESIDUAL IMPACTS:   |                   |         |
| None  |                   |         |
| MONITORING REQUIREMENTS   |                   |         |
|   |                   |         |
|   |                   |         |

| SCREENING PROCEDURES USED  |  |
|--|--|
| INFORMATION SOURCES:   |  |
| LITERATURE CONSULTED UNPUBLISHED  Attach list of titles/names as appropriat  |  |
| SITE RECONNAISSANCE DATE:  | Attach maps photos, plans, if available. |
| OTHER SPECIFY:   |  |
| FORMAL SCREENING FINDINGS  |  |
| 1.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT SIGNIFIC   | CANT OR CAN BE MITIGATED. 🔀              |
| 2.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT ADEQUAT  | TELY KNOWN.                              |
| 3.ADVERSE ENVIRONMENTAL EFFECTS ARE SIGNIFICANT.   |  |
| ACTIVITY IMPLEMENTATION DECISION   |  |
| 1. ACTIVITY MAY PROCEED - WITHOUT MITIGATING MEAS  | ures 🔀                                   |
| - WITH MITIGATING MEAS   | URES                                     |
| · MONITORING REQU  | JIRED                                    |
| 2. FURTHER STUDIES NEEDED - SCOPE AND COSTS OF A NOT MATERIALLY AFFECT   |  |
| 3. LE.E. RECOMMENDED   |  |
| 4. E.I.S. RECOMMENDED  |  |
| The sound of the s |  |
| SIGNATURE: INI   | Muslik Mar20/86 THATOR/REMANAGER DATE    |
|  | ,  |
| APPROVAL I.E.E. REQUIRED   | E.I.S. REQUIRED                          |
| COMMENTS:  | E.H.O. HEGOMED                           |
|  |  |
|  |  |
|  | GIONAL DIRECTOR DATE                     |
| DECISION REGISTERED  COMMENTS:   |  |
| / /  |  |

# ■ Environment Canada

### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - SE- 02   | 2 MAR, 20, 1986  |
|--|--|
| ACTIVITY IDENTIFICATION  |  |
| TITLE: Construction of a gauge shelter at existing hydrometric site  | LOCATION:<br>VARNA   |
| INITIATOR/SPONSOR:<br>Water Resources Branch   | ESTIMATED COST: 4.5K   |
| ACTIVITY DESCRIPTION   |  |
| PURPOSE/NATURE OF ACTIVITY:  | LAND/WATER AREA AFFECTED:  |
| Upgrade facilities for new instrumentation   | BAYFIELD RIVER   |
| AGENCIES INVOLVED:   | CONTRACTURAL ARRANGEMENT: - Purchase and delivery of concret - Purchase and delivery of rock |
| WORK PLAN: - Deliver material to gauge site - Pour concrete pad - Erect shelter  | fill   |
| - Complete interior of shelter<br>- Backfill around shelter  | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING:                                   |
| WORK SCHEDULE:   | None   |
| PRELIMINARY SCREENING RESULTS  CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENI  No effect on water course or surrounding environ |  |
| R. J. Myslik/Assistant Regional Engineer   | March 20, 1986   |
| PREPARED RY: (NAME & TITLE)  | March 20, 1986  DATE: 86/04/02   |
| L.J. KAMP  | 86104102   |
| REGISTERED BY: REGIONAL EARP COORDINATOR   | DATE:  |

# 🛚 🍄 Environment Canada

# **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

Attach extra pages, as required

| ACTIVITY REGISTER NO .:                       | WRB-86-022   |
|---|--------------|
| ACTIVITY: CONSTRUCT GO<br>BAYFIELD RIVER VARH | AUGE SHELTER |

| PRESENT USE/ZONING:                   | PREVIOUS DISTURBANCE: |
|---------------------------------------|-----------------------|
| TOWNSHIP ROAD ALLOWANCE               | NONE                  |
| ENVIRONMENTAL RESOURCE VALUES: 🌣      |                       |
|                                       |                       |
|                                       |                       |
| DRAINAGE OF FARM LAND                 | ,                     |
|                                       |                       |
|                                       |                       |
|                                       |                       |
| SCREENING RESULTS                     |                       |
| AS INDICATED ON MATRIX                | X AS DESCRIBED BELOW  |
| COTENTIAL EFFECTS, SEVERITY, DURATION |                       |
|                                       |                       |
|                                       |                       |
| ,                                     |                       |
| NO RISK TO SURROUNDING ENVIRONMEN     | T                     |
|                                       |                       |
|                                       |                       |
|                                       |                       |
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|                                       |                       |
|                                       |                       |
| ATURE/EXTENT OF PUBLIC CONCERN RE:    | ACTIVITY:             |
|                                       |                       |
| Mone                                  | •                     |
| MITIGATIVE MEASURES:                  |                       |
|                                       |                       |
| Mone                                  |                       |
| RESIDUAL IMPACTS:                     |                       |
|                                       |                       |
| No ne                                 |                       |

| SCREENING PROCEDURES USED  |  |
|--|--|
| INFORMATION SOURCES:   |  |
| LITERATURE CONSULTED UNPUBLISHED  Attach list of titles/names as appropriate |  |
| SITE RECONNAISSANCE DATE:  | Attach maps photos, plans, if available,   |
| OTHER SPECIFY:   | Attach maps photos, plans, il avallable.   |
|  |  |
| FORMAL SCREENING FINDINGS  |  |
| 1.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT SIGNIFIC.                            | ANT OR CAN BE MITIGATED. 💢                 |
| 2.ADVERSE ENVIRONMENTAL EFFECTS ARE NOT ADEQUAT                              |  |
| 3.ADVERSE ENVIRONMENTAL EFFECTS ARE SIGNIFICANT.                             |  |
| ACTIVITY IMPLEMENTATION DECISION   |  |
| ACTIVITY IMPLEMENTATION DECISION   |  |
| 1. ACTIVITY MAY PROCEED - WITHOUT MITIGATING MEASU                           | ires 🔀                                     |
| - WITH MITIGATING MEASE  | JRES                                       |
| · MONITORING REQU  | IRED                                       |
| 2. FURTHER STUDIES NEEDED - SCOPE AND COSTS OF ACTION OF MATERIALLY AFFECT   |  |
| 3. I.E.E. RECOMMENDED  |  |
| 4. C.I.S. RECOMMENDED  |  |
|  |  |
| SIGNATURE: INIT  | Myslih Mar 20/86<br>HATORIJAC MANAGER DATE |
| APPROVAL   |  |
| LILELE, REQUIRED   | E.I.S. REQUIRED                            |
| COMMENTS:  |  |
|  |  |
|  |  |
| SIGNATURE: REC   | GIONAL DIRECTOR DATE                       |
| DECISION REGISTERED  |  |
| COMMENTS:  |  |
|  | 1 (mm) (11)                                |
|  | 4 / / / / / / / / / / / / / / / / / / /    |

SIGNATURE: REGIONAL EARP COORDINATOR DATE

# 🛮 🍄 Environment Canada

# **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB-86-023  | DATE: MAR. 20, 1986   |
|---|---|
| ACTIVITY IDENTIFICATION   |   |
| TITLE: Construction of a gauge shelter at existing hydrometric site             | CASTLE FORD   |
| INITIATOR/SPONSOR: Water Resources Branch                                       | ESTIMATED COST: \$8K  |
| ACTIVITY DESCRIPTION  |   |
| PURPOSE/NATURE OF ACTIVITY:   | LAND/WATER AREA AFFECTED:   |
| Upgrade facilities for new instrumentation                                      | BONNECHERE RIVER  |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT: - Purchase and delivery of concrete - Purchase and delivery of rock |
| WORK PLAN: - Deliver material to gauge site - Pour concrete pad - Erect shelter | fill  |
| - Complete interior of shelter<br>- Backfill around shelter                     | OTHER PROJECT COMPONENTS<br>SUBJECT TO SEPARATE SCREENING:                                    |
| WORK SCHEDULE:  | None  |
| PRELIMINARY SCREENING RESULTS CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENIN  |   |
| No effect on water course or surrounding environm                               |   |
|   |   |
|   |   |
| R. J. Myslik/Assistant Regional Engineer  | March 20,1986   |
| PREPARED BY: (NAME & TITLE)   | March 20,1986  DATE: 86/04/02   |
| L. J. KAMP  |   |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:   |

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🚜 Attach extra pages, as required

### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

ENVIRONMENTAL SCREENING

ACTIVITY REGISTER NO.: WRB - 86-023
ACTIVITY: CONSTRUCTION OF GAUGE SHELTER
BONNECHERE RIVER/CASTLEFORD

|  | DONNECHERE MUER/CASICETOED |
|--|----------------------------|
|  |                            |
| DESCRIPTION OF PROPOSED SITE OF A      | ACTIVITY                   |
| PRESENT USE/ZONING:                    | PREVIOUS DISTURBANCE:      |
| PRIVATE                                | NONE                       |
| ENVIRONMENTAL RESOURCE VALUES: 尊       |                            |
|  |                            |
|  |                            |
| MONE                                   |                            |
|  |                            |
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|  |                            |
| SCREENING RESULTS                      |                            |
| AS INDICATED ON MATRIX                 | AS DESCRIBED BELOW         |
| (TO BE USED AS OPTIONAL AID)           |                            |
| POTENTIAL EFFECTS, SEVERITY, DURATION, | KISK OF SEHIOUS EFFECIS: W |
| •                                      |                            |
| ,                                      |                            |
| NO RISK TO SURROUNDING ENVIRONMENT     | Γ .                        |
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|  |                            |
| NATURE/EXTENT OF PUBLIC CONCERN RE: A  | CTIVITY:                   |
|  |                            |
| None                                   | •                          |
| MITIGATIVE MEASURES:                   |                            |
|  | •                          |
|  | ·                          |
| None                                   |                            |
| RESIDUAL IMPACTS:                      |                            |
| Hone                                   |                            |
| MONITORING REQUIREMENTS                |                            |
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| JUNE    | LINING PHOC          | PEDONES USED                   |                               |                                       |  |   |
|---------|----------------------|--------------------------------|-------------------------------|---------------------------------------|--|---|
| INFOR   | MATION SOUR          | CES:                           |                               |                                       |  | <del>(Title Calaby Major de la cal</del> ab |
|         | LITERATURE Att       | CONSULTED ach list of titles/n |                               | IED INFORMATION<br>riate for above ca |  | ULTATION                                    |
|         | SITE RECONN          | AISSANCE DAT                   | E:                            | Attach maps                           | photos, plans, it                      | available.                                  |
|         | OTHER                | SPECIFY:                       |                               |                                       |  |   |
|         |                      |                                |                               |                                       |  |   |
| FORM    | AL SCREEN            | ING FINDINGS                   |                               |                                       | ÷                                      |   |
| I.ADVE  | :<br>ERSE ENVIRON    | IMENTAL EFFECTS                | ARE NOT SIGN                  | IFICANT OR CAN                        | BE MITIGATED                           | $\overline{X}$                              |
|         |                      | MENTAL EFFECTS                 |                               |                                       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | $\stackrel{\triangle_1}{\neg}$              |
|         |                      | NMENTAL EFFECTS                |                               |                                       | [                                      |   |
| ACTIV   | ITY IMPLEM           | IENTATION DEC                  | ISION                         |                                       |  |   |
|         |                      | S NEEDED - SCOPE               | MITIGATING ME<br>MONITORING R | ASURES<br>EQUIRED<br>F ACTIVITY       |  |   |
|         | E. RECOMMEN          |                                |                               |                                       |  |   |
|         |                      |                                | Laly<br>STGNATORE:            | t Myslinity Mi                        | ik Marz<br>Anager Dat                  | 9/86  |
| APPR    | OVAL                 | □ LE.F. REQU                   | 112 5 13                      | U E.I.S. HE                           | OUIGEO                                 |   |
| 0011115 | INT C.               | i.e.r. neco                    |                               | LJ 6.4.5. ME                          | QUIRED                                 | •   |
| СОММЕ   | :1115.               |                                |                               |                                       |  |   |
|         |                      |                                |                               |                                       |  |   |
|         |                      |                                |                               |                                       | , i                                    |   |
| DECIS   | SION REGIST<br>Ents: | ERED                           | SIGNATURE:                    | REGIONAL DIREC                        | TOR DATE                               | <del> i</del>                               |



### **ACTIVITY SCREENING REGISTER**

INLAND WATERS DIRECTORATE Ontario Region

| ACTIVITY REGISTER NUMBER: WRB - 86- 024   | DATE: MAR. 20, 1986                           |
|---|---|
|   | ······································        |
| ACTIVITY IDENTIFICATION   |   |
| TITLE: Construction of gauge well and shelter   | LOCATION:<br>Southwestern Ont.                |
| INITIATOR/SPONSOR: Water Resources Branch   | ESTIMATED COST: 36 K                          |
| ACTIVITY DESCRIPTION  |   |
| PURPOSE/NATURE OF ACTIVITY:   | LAND/WATER AREA AFFECTED:                     |
| Monitor water level fluctuations in river/stream  | AGRICULTURAL RUMOFF                           |
| AGENCIES INVOLVED:  | CONTRACTURAL ARRANGEMENT:                     |
| Water Survey of Canada  | -Contract Services of backhoe for excavation  |
| WORK PLAN:  | -purchase and delivery of concret             |
| -excavate hole and trench to river/stream -install corrugated steel culvert with intake | -purchase and delivery of rock ar gravel fill |
| pipes leading to river  | ginver train                                  |
| -backfill around gauge  | OTHER PROJECT COMPONENTS                      |
| -construct shelter on concrete footings WORK SCHEDULE:                                  | SUBJECT TO SEPARATE SCREENING:                |
| Wall Gallegate.   |   |
|   | None  |
|   |   |
| PRELIMINARY SCREENING RESULTS   |   |
| CONCERNS IDENTIFIED AS BASIS FOR FORMAL SCREENING:                                      |   |
| Excavation on stream bank and bed could temporaril aquatic environment. $ \\$           | y affect water quality and disrupt            |
|   |   |
|   |   |
| R. J. Myslik/Assistant Regional Engineer  | Mar. 20, 1986                                 |
| PREPARED BY: (NAME & TITLE)   | DATE:   |
| L.J. KAMP   | 86/04/02                                      |
| REGISTERED BY: REGIONAL EARP COORDINATOR  | DATE:   |

## Environment Canada

### **ACTIVITY SCREENING REPORT**

INLAND WATERS DIRECTORATE Ontario Region

### ENVIRONMENTAL SCREENING

| PREVIOUS DISTURBANCE:  NONF  TURAL AREAS |
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| TURAL AREAS                              |
| TURAL AREAS                              |
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| AS DESCRIBED BELOW                       |
| K OF SERIOUS EFFECTS: *                  |
| uration project and is localized to      |
| Il potentially damage the aquatic        |
| problems, diminge the inducte            |
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| ntial Sediment Sources                   |
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| SCREENING PRO      | CEDURES USED                         |                                 |                           |   |
|--------------------|--------------------------------------|---------------------------------|---------------------------|---|
| INFORMATION SOU    | RCES:                                |                                 |                           |   |
|                    | CONSULTED<br>ttach list of titles/ua | UNPUBLISHED mes as appropriate  |                           | $\sum_{i \in \mathcal{N}}$ consultation |
| SITE RECON         | NAISSANCE DATE                       | :                               | Attach maps photo         | s, plans, if available                  |
| ОТНЕВ              | SPECIFY:                             | LOCAL RUE                       | PEPRESI                   | ENTATIVES                               |
| FORMAL SCREEN      | ING FINDINGS                         |                                 |                           |   |
| 1.ADVERSE ENVIRO   | NMENTAL EFFECTS /                    | ARE NOT SIGNIFIC                | ANT OR CAN BE MIT         | IGATED. 🔀                               |
| 2.ADVERSE ENVIRO   | NMENTAL EFFECTS A                    | RE NOT ADEQUAT                  | ELY KNOWN.                |   |
| 5.ADVERSE ENVIRO   | NMENTAL EFFECTS /                    | ARE SIGNIFICANT.                |                           |   |
| ACTIVITY IMPLE     | MENTATION DECIS                      | SION                            |                           |   |
| 1. ACTIVITY MAY PE | ROCEED - WITHOUT M                   |                                 |                           |   |
|                    |                                      | MEASUM DATE AT A SEC            |                           |   |
|                    | ·                                    | MONITORING REQU                 |                           |   |
| 2. FURTHER STUDIE  | S NEEDED - SCOPE<br>NOT MA           | AND COSTS OF ACTEMIALLY AFFECTI |                           |   |
| 3. LELE, RECOMMEN  | NDED                                 |                                 |                           |   |
| 4. F.I.S. RECOMMEN | NDCD                                 |                                 |                           |   |
|                    |                                      | Lobut SIGNATURE: INT            | Myslik<br>Intohjac manage | Mar 20/86 R DATE                        |
| APPROVAL           |                                      | ·                               | <del></del> 1             |   |
|                    | L.E.L. REOUI                         | RED                             | L.I.S. REQUIRE            | Ö                                       |
| COMMENTS:          |                                      | •                               |                           |   |
|                    |                                      |                                 |                           |   |
| DECISION REGIS     | TERED                                | SIGNATURE: REC                  | NONAL DIRECTOR            | DATE                                    |
|                    |                                      | A 4.                            | IONAL EARP COORD          | 86/04/02                                |
|                    | ,                                    | SIGNATURE: REG                  | IONAL EARP COORD          | INATOR DATE                             |