

**SIGNATURE PAGE:** *This page MUST be submitted along with the form on the previous page.*

By signing below the applicant (or authorized agent), certifies that he or she has:

Completed all of the public notice requirements.

Read and understood the following:

**PRIVACY ACT STATEMENT**

Authority: 33 USC 401, Section 10; 1413, Section 404. Principal Purpose: These laws require permits authorizing activities in, or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters. Routine Uses: Information provided on this form will be used in evaluating the application for a permit. Disclosure: Disclosure of requested information is voluntary. If information is not provided, however, the permit application cannot be processed nor a permit be issued.

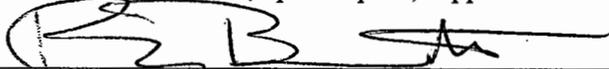
**CORPS SIGNATORY REQUIREMENT**

USC Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry shall be fined not more than \$10,000 or imprisoned not more than five years or both. I authorize the Corps to enter the property that is the subject of this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein.

**DEP SIGNATORY REQUIREMENT**

"I certify under penalty of law that I have personally examined the information submitted in this document and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I authorize the Department to enter the property that is the subject of this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

"I hereby authorize the person named below to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application."

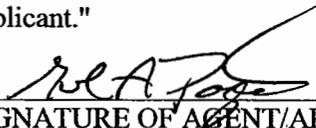


SIGNATURE OF APPLICANT, *if agent involved*

5/4/05

DATE

"Application is hereby made for a permit or permits to authorize the work described in this application. I certify that the information in the application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant."



SIGNATURE OF AGENT/APPLICANT

5/4/05

DATE

**NOTE:** *Any changes in activity plans must be submitted to the DEP and the Corps in writing and must be approved by both agencies prior to implementation. Failure to do so may result in enforcement action and/or the removal of the unapproved changes to the activity.*

(pink)

CERTIFICATION

The person responsible for preparing this application and/or attaching pertinent site and design information hereto, by signing below, certifies that the application for development approval is complete and accurate to the best of his/her knowledge.

Signature: 

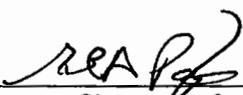
Name (print): Gil Paquette

Date: 5/5/05

Re/Cert/Lic No.: \_\_\_\_\_  
Engineer \_\_\_\_\_  
Geologist \_\_\_\_\_  
Soil Scientist \_\_\_\_\_  
Land Surveyor \_\_\_\_\_  
Site Evaluator \_\_\_\_\_  
Active Member of the Maine Bar \_\_\_\_\_  
Professional Landscape Architect \_\_\_\_\_  
Other Professional Wetland Scientist/Certified  
Wildlife Biologist PWS, CWB

If the signature below is not the applicant's signature, attach letter of agent authorization signed by applicant.

"I certify under penalty of law that I have personally examined the information submitted in this document and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I authorize the Department to enter the property that is the subject of this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

  
Signature of applicant

5/5/05  
Date

# APPLICATION FOR A NATURAL RESOURCES PROTECTION ACT PERMIT

→ PLEASE TYPE OR PRINT IN **BLACK INK ONLY**

→ SEE DETACHABLE INSTRUCTIONS

1. Name of Applicant:	Bangor Hydro-Electric Company (BHE)	4. Name of Agent: <small>(if applicable)</small>	TRC Environmental Corporation								
2. Applicant's Mailing Address:	21 Telcom Drive Bangor, ME 04401	5. Agent's Mailing Address:	400 Southborough Drive South Portland, ME 04106								
3. Applicant's Daytime Phone #:	(207) 945-5621	6. Agent's Daytime Phone #:	(207) 879-1930								
7. Location of Project <small>(Nearest Road, Street, Rte.)</small>	See Section 1.0	8. Town	See Section 1.0	9. County							
10. Type of Resource <small>(Check all that apply)</small>	<input checked="" type="checkbox"/> River, stream or brook	11. Name of Resource	See Sections 7, 9, and 11								
	<input type="checkbox"/> Great Pond		12. Amount of Impact <small>(Sq. Ft.)</small>	Fill: Project Sited to Avoid Fill See Sections 7 and 11 for Amount of Impact from Clearing and Maintenance Dredging/Veg Removal/Other:							
	<input type="checkbox"/> Coastal Wetland				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><i>Tier 1</i></td> <td style="text-align: center;"><i>Tier 2/3</i></td> </tr> <tr> <td><input type="checkbox"/> 0 - 4,999 sq. ft.</td> <td><input type="checkbox"/> 15,000 - 19,999 sq. ft.</td> </tr> <tr> <td><input type="checkbox"/> 5,000 - 9,999 sq. ft.</td> <td><input type="checkbox"/> 20,000 - 43,560 sq. ft.</td> </tr> <tr> <td><input type="checkbox"/> 10,000 - 14,999 sq. ft.</td> <td><input checked="" type="checkbox"/> &gt; 43,560 sq. ft.</td> </tr> </table>	<i>Tier 1</i>	<i>Tier 2/3</i>	<input type="checkbox"/> 0 - 4,999 sq. ft.	<input type="checkbox"/> 15,000 - 19,999 sq. ft.	<input type="checkbox"/> 5,000 - 9,999 sq. ft.	<input type="checkbox"/> 20,000 - 43,560 sq. ft.
<i>Tier 1</i>	<i>Tier 2/3</i>										
<input type="checkbox"/> 0 - 4,999 sq. ft.	<input type="checkbox"/> 15,000 - 19,999 sq. ft.										
<input type="checkbox"/> 5,000 - 9,999 sq. ft.	<input type="checkbox"/> 20,000 - 43,560 sq. ft.										
<input type="checkbox"/> 10,000 - 14,999 sq. ft.	<input checked="" type="checkbox"/> > 43,560 sq. ft.										
<input checked="" type="checkbox"/> Freshwater Wetland	<input checked="" type="checkbox"/> Wetland Special Significance	<input type="checkbox"/> Fragile Mountain									
13. Type of Freshwater Wetland <small>(Check all that apply)</small>	<input checked="" type="checkbox"/> Forested <input checked="" type="checkbox"/> Scrub Shrub <input checked="" type="checkbox"/> Emergent <input type="checkbox"/> Wet Meadow <input type="checkbox"/> Peatland <input checked="" type="checkbox"/> Open Water <input type="checkbox"/> Other _____										
14. Brief Project Description:	See Section 1.0										
Size of Lot or Parcel:	See Section 1.0 <input type="checkbox"/> square feet, or <input type="checkbox"/> acres										
16. Title, Right or Interest:	See Section 2.0 <input type="checkbox"/> own <input type="checkbox"/> lease <input type="checkbox"/> purchase option <input type="checkbox"/> written agreement										
17. Deed Reference Numbers:	Book#:    Page:	18. Map and Lot Numbers:	Map #:	Lot #:							
	See Section 2.0    See Section 2.0		See Section 2.0	See Section 2.0							
19. DEP Staff Previously Contacted:	Stacie Beyer		20. Part of a larger project:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
21. Resubmission of Application?	<input type="checkbox"/> Yes → <input checked="" type="checkbox"/> No	If yes, previous application #:	See DEP No. L-17131-29-D-M	Previous project manager:							
22. Written Notice of Violation:	<input type="checkbox"/> Yes → <input checked="" type="checkbox"/> No	If yes, name of DEP enforcement staff involved:		23. Previous Wetland Alteration:							
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
24. Detailed Directions to the Project Site:	See Section 1.0										
25. TIER 1		TIER 2/3 AND INDIVIDUAL PERMITS									
<input type="checkbox"/> Fee <input type="checkbox"/> Topographic Map <input type="checkbox"/> Documentation of Title, Right or Interest <input type="checkbox"/> Plan or Drawing (8 1/2" x 11") <input type="checkbox"/> Photos of Area <input type="checkbox"/> Statement of Avoidance & Minimization <input type="checkbox"/> Statement/Copy of cover letter to Maine Historic Preservation Commission <input type="checkbox"/> Copy to municipality		<input checked="" type="checkbox"/> Fee <input checked="" type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Documentation of Title, Right, Interest <input checked="" type="checkbox"/> Photos of Area <input checked="" type="checkbox"/> Plan or Drawing (8 1/2" x 11") <input checked="" type="checkbox"/> Copy of Public Notice <input checked="" type="checkbox"/> Professional Certification/Delineation <input checked="" type="checkbox"/> Erosion Control Plan <input checked="" type="checkbox"/> Alternatives Analysis, if required <input checked="" type="checkbox"/> Description of Avoidance & Minimization <input type="checkbox"/> Compensation Plan (if required) <input type="checkbox"/> Description of Previously Mined Peatland (if required) <input checked="" type="checkbox"/> Statement/Copy of cover letter to Maine Historic Preservation Commission <input checked="" type="checkbox"/> Construction Plan, if required <input checked="" type="checkbox"/> Copy to municipality									
26. FEES, Amount Enclosed:		Applicant will be billed quarterly pursuant to 38 M.R.S.A. §352(3).									

R DEP USE	L- _____	ATS# _____	Total FEES _____	CK# _____	Date Rec'd _____
FOR CORPS USE					
	App#: _____	Office Code: _____	Date Rec'd: _____	Date Completed: _____	

Department of Environmental Protection  
Bureau of Land & Water Quality  
17 State House Station  
Augusta, Maine 04333  
Telephone: 207-287-2111

FOR DEP USE  
ATS # \_\_\_\_\_  
L- \_\_\_\_\_  
Total Fees: \_\_\_\_\_  
Date: Received \_\_\_\_\_

FORM A PAGE 1 02/02

\*\*\*\*\*

**PERMIT APPLICATION**  
**SITE LOCATION OF DEVELOPMENT LAW, 38 M.R.S.A. § § 481-490**

**Please type or print:**

This application is for (check the one that applies): 20 acre development  
Planning Permit  Structure   
Metallic Mining  Subdivision   
Marine Oil Terminal  Amendment

Name of Applicant: Bangor Hydro-Electric Company (BHE)

Address: 21 Telcom Drive Telephone/Fax: (207) 945-5621  
Bangor, ME 04401

Name of local contact or agent: TRC Environmental Corporation

Address: 400 Southborough Drive South Portland, ME 04106 Telephone/Fax: (207) 879-1930

Name of development: 345kV Northeast Reliability Interconnect

Location of development including road, street, or nearest route number: See Section 1.0 of Application for complete description.

For entrance road (if available): UTM Northing \_\_\_\_\_ UTM Easting \_\_\_\_\_

City/Town/Plantation: See Section 1, County: See Section 1, Tax Map # See Section 2, Lot # See Section 2

Type of development: Overhead Electric Transmission Line and Substation

Was this development started prior to obtaining a license? NO Is this development or any portion of the site currently subject to enforcement action? NO

Will a Natural Resources Protection Act (NRPA) permit be required for this project? Yes Has the NRPA permit application (PBR, Tier, full NRPA) been submitted as part of this application? Yes

Will a Traffic Permit be required for this project? No Has the Maine Department of Transportation been contacted? Yes

Is the development located in the watershed of a body of water most at risk or in a sensitive or threatened region or watershed? No If yes, which one? \_\_\_\_\_

Existing DEP permit number (if applicable): Not Applicable

Name(s) of department staff person(s) present at the pre-application meeting:  
Stacie Beyer, Ken Libbey, John Hopeck

Name(s) of department staff person(s) otherwise contacted concerning this application:  
\_\_\_\_\_

**SUBMISSIONS CHECKLIST**

If a provision is not applicable, put "NA"

**Section 1. Development description**

- A. Narrative
  - 1. Objectives and details
  - 2. Existing facilities (with dates of construction)
- B. Topographic map
  - 1. Location of development boundaries
  - 2. Quadrangle name
- C. Construction plan
  - 1. Outline of construction sequence (major aspects)
  - 2. Dates
- D. Drawings
  - 1. Development facilities
    - a. Location, function and ground area
    - b. Length/cross-sections for roads
  - 2. Site work (nature and extent)
  - 3. Existing facilities (location, function ground area and floor area)
  - 4. Topography
    - a. Pre- and post-development (contours 2 ft or less)
    - b. Previous construction, facilities and lot lines

**Section 2. Title, right or interest (copy of document)**

**Section 3. Financial capacity**

- A. Estimated costs
- B. Financing
  - 1. Letter of commitment to fund
  - 2. Self-financing
    - a. Annual report
    - b. Bank statement
  - 3. Other
    - a. Cash equity commitment
    - b. Financial plan
    - c. Letter
  - 4. Affordable housing information

**Section 4. Technical ability (description)**

- A. Prior experience (statement)
- B. Personnel (documents)

**Section 5. Noise**

- A. Developments producing a minor noise impact (statement)
  - 1. Residential developments
  - 2. Certain non-residential subdivisions
  - 3. Schools and hospitals
  - 4. Other developments
    - a. Type, source and location of noise
    - b. Uses, zoning and plans

- NA c. Protected locations
- NA d. Minor nature of impact
- NA e. Demonstration
- NA B. Developments producing a major noise impact (full noise study)
- NA 1. Baseline
- NA a. Uses, zoning and plans
- NA b. Protected locations
- NA c. Quiet area
- NA 2. Noise generated by the development
- NA a. Type, source and location of noise
- NA b. Sound levels
- NA c. Control measures
- NA d. Comparison with regulatory limits
- NA e. Comparison with local limits

**Section 6. Visual quality and scenic character** (narrative, description, visual impact analysis)

**Section 7. Wildlife and fisheries** (narrative)

**Section 8. Historic sites** (narrative)

**Section 9. Unusual natural areas** (narrative)

**Section 10. Buffers**

A. Site plan and narrative

**Section 11. Soils**

- A. Soil survey map and report
- NA 1. Class A (High intensity) Soil Survey
- NA 2. Class B (High intensity) Soil Survey
- 3. Class C (Medium High-Intensity) Soil Survey
- 4. Class D (Medium Intensity) Soil Survey
- B. Geotechnical investigation
- C. Hydric soils mapping

**Section 12. Stormwater management**

- A. Narrative
- 1. Development location
- 2. Surface water on or abutting the site
- 3. Downstream ponds and lakes
- 4. General topography
- 5. Flooding
- NA 6. Alterations to natural drainage ways
- 7. Alterations to land cover
- 8. Modeling assumptions
- 9. Water quantity control
- 10. Water quality treatment
- NA 11. Off-site credits
- NA 12. Compensation fees
- 13. Development impacts
- B. Maps
- 1. U.S.G.S. map with site boundaries
- 2. S.C.S. soils map with site boundaries
- C. Drainage Plans (a pre-development plan and a post-development plan)
- 1. Contours





- ✓ 8. Control plan for other pollutants
- ✓ 9. Engineering inspection of stormwater management facilities

**Section 13. Maintenance of common facilities or property**

- ✓ A. Components of the maintenance plan
  - ✓ 1. Maintenance of facilities by owner or operator
    - ✓ a. Site owner or operator
    - ✓ b. Contact person responsible for maintenance
    - NA c. Transfer mechanism
    - ✓ d. List of facilities to be maintained
    - ✓ e. List of inspection and maintenance tasks for each facility
    - NA f. Identifications of any deed covenants, easements, or restrictions
    - ✓ g. Sample maintenance log
    - NA h. Copies of any third-party maintenance contracts
  - NA 2. Maintenance of facilities by homeowner's association
    - NA a. Incorporation documents for the association
    - NA b. Membership criteria
    - NA c. Association officer responsible for maintenance
    - NA d. Establishment of fee assessment for maintenance work
    - NA e. Establishment of lien system
    - NA f. Reference to department order(s) in association charter
    - NA g. Transfer mechanism from developer to association
    - NA h. List of facilities to be maintained
    - NA i. Identification of any deed covenants, easements, or restrictions
    - NA j. Renewal of covenants and leases
    - NA k. List of inspection and maintenance tasks for each facility
    - NA l. Sample maintenance log
    - NA m. Copies of any third-party maintenance contracts
  - NA 3. Maintenance of facilities by municipality or municipal district
    - NA a. Identification of the municipal department or utility district
    - NA b. Contact person responsible for maintenance
    - NA c. Evidence of acceptance of maintenance responsibility
    - NA d. Transfer mechanism from developer
    - NA e. List of facilities to be maintained
    - NA f. List of inspection and maintenance tasks for each facility
    - NA g. Identifications of any deed covenants, easements, or restrictions
    - NA h. Sample maintenance log
- ✓ B. General inspection and maintenance requirements
  - NA 1. Drainage easements
  - ✓ 2. Ditches, culverts, and catch-basin systems
  - ✓ 3. Roadways and parking surfaces
  - ✓ 4. Stormwater detention and retention facilities
    - ✓ a. Embankment inspection and maintenance
    - ✓ b. Outlet inspection and clean-out
    - ✓ c. Spillway maintenance
    - ✓ d. Sediment removal and disposal
  - NA 5. Stormwater infiltration facilities
    - NA a. Sediment protection plan
    - NA b. Infiltration rehabilitation plan
    - NA c. Sediment removal and disposal
    - NA d. Groundwater monitoring plan
  - NA 6. Proprietary treatment devices
  - NA 7. Buffers
  - NA 8. Other practices and measures

#### Section 14. Erosion and Sedimentation Control

- A. Narrative
  - 1. Soil types
  - 2. Existing erosion problems
  - 3. Critical areas
  - 4. Protected natural resources
  - 5. Erosion control measures
  - 6. Site stabilization
- B. Implementation schedule
- C. Erosion and sediment control plan
  - 1. Pre-development and post-development contours
  - 2. Plan scale and elements
  - 3. Land cover types and boundaries
  - 4. Existing erosion problems
  - 5. Critical areas
  - 6. Protected natural resources
  - 7. Locations (general)
  - 8. Locations of controls
  - 9. Disturbed areas
- D. Details and specifications (for both temporary and permanent measures)
- E. Design calculations
- F. Stabilization plan
  - 1. Temporary seeding
  - 2. Permanent seeding
  - 3. Sodding
  - 4. Temporary mulching
  - 5. Permanent mulching
- G. Winter construction plan
  - 1. Dormant seeding
  - 2. Winter mulching
- H. Third-party inspections
  - 1. Inspector's name, address, and telephone number
  - 2. Inspector's qualifications
  - 3. Inspection schedule
  - 4. Contractor contact
  - 5. Reporting protocol

#### Section 15. Groundwater

- A. Narrative
  - 1. Location and maps
  - 2. Quantity
  - 3. Sources
  - 4. Measures to prevent degradation
- B. Groundwater protection plan
- C. Monitoring plan
  - 1. Monitoring points
  - 2. Monitoring frequency
  - 3. Background conditions
  - 4. Monitoring parameters
  - 5. Personnel qualifications
  - 6. Proof of training
  - 7. Equipment and methods
  - 8. Quality assurance/quality control
  - 9. Reporting requirements
  - 10. Remedial action plan

- NA D. Monitoring well installation report
- NA 1. Well location map
- NA 2. Elevation data
- NA 3. Well installation data
- NA 4. Well construction details
- NA 5. Borehole logs
- NA 6. Summary of depth measurements
- NA 7. Characteristics of subsurface strata
- NA 8. Well installation contract
- NA 9. Schematic cross-sections
- NA 10. Monitoring point summary table
- NA 11. Protective casing
- NA 12. On-site well identification

**Section 16. Water supply**

- NA A. Water supply method
- NA 1. Individual wells (evidence of sufficient/healthful supply)
- NA a. Support of findings by well drillers
- NA b. Support of findings by geologist
- NA 2. Common well(s) (reports)
- NA a. Hydrogeology report
- NA b. Engineering report
- NA c. Well installation report
- NA d. Long-term safe yield and zone of influence determination
- NA e. Public water supply
  - NA i. Proposed well or wells
  - NA ii. Existing well or wells
  - NA iii. Water quality analysis
- NA 3. Well construction in shallow-to-bedrock areas
- NA 4. Additional information
- NA 5. Off-site utility company or public agency
- NA 6. Other sources
- NA B. Subsurface wastewater disposal systems (locations of systems and wells)
- NA C. Total usage (statement re: total anticipated water usage)

**Section 17. Wastewater disposal**

- NA A. On-site subsurface wastewater disposal systems (investigation results)
- NA 1. Site plan
- NA 2. Soil conditions summary table
- NA 3. Logs of subsurface explorations
- NA 4. Additional test pits, borings or probes
  - NA a. Soil conditions A
  - NA b. Soils with Profiles 8 and 9 parent material
  - NA c. Soil conditions D
  - NA d. Disposal field length 60 feet or greater
- NA 5. 3-bedroom design
- NA 6. Larger disposal systems
  - NA a. System design details
  - NA b. Plan view
  - NA c. Cross sections
  - NA d. Test pit data
  - NA e. Mounding analysis
- NA B. Nitrate-nitrogen impact assessment
  - NA 1. When required



**Section 22. Odors**

- NA A. Identification of nature/source
- NA B. Estimate of areas affected
- NA C. Methods of control)

NA **Section 23. Water vapor** (narrative)

NA **Section 24. Sunlight** (statement and drawing, if required)

**Section 25. Notices**

- ✓ A. Evidence that notice sent
- ✓ B. List of abutters for purposes of notice