

FEDERAL ENERGY REGULATORY COMMISSION  
WASHINGTON, D.C. 20426

OFFICE OF ENERGY PROJECTS

In Reply Refer To:  
OEP/DG2E/Gas Branch 3  
Broadwater LNG Project  
Docket No. CP06-54-000  
CP06-55-000

May 1, 2006

Ms. Sandra Barnett, Environmental Affairs Manager  
TransCanada Corporation  
450 -1 Street SW  
Calgary, Alberta, Canada T2P5H1

RE: Environmental Informational Request

Dear Ms. Barnett:

We are in the process of developing a draft environmental impact statement for the Broadwater LNG Project and are providing additional environmental information requests to assist in our environmental analysis of the proposal. Please provide the information, as identified in the enclosure. These questions are primarily based on concerns raised during interagency coordination, and secondarily on clarifications regarding information in Broadwater's April 20, 2006 response to our Environmental Information Request (EIR) dated March 31, 2006.

File your response in accordance with the provisions of the Commission's Rules of Practice and Procedure. In particular, 18 CFR 385.2010 (Rule 2010) requires that you serve a copy of the response to each person whose name appears on the official service list for this proceeding.

**Please file a complete response within 20 days of the date of this letter.** The response must be filed with the Secretary of the Commission at:

Magalie R. Salas, Secretary  
Federal Energy Regulatory Commission  
888 First St., N.E., Room 1A  
Washington, DC 20426

If certain information cannot be provided within this time frame, please indicate which items will be delayed and provide a projected filing date. **Failure to file timely, accurate, and complete responses will only delay the processing of this application.**

When filing documents and maps, be sure to prepare separate volumes, as outlined in **“How-to File Non-Internet Public, CEI or Privileged Material.”** This document is available on the Commission’s web site at <http://www.ferc.gov/help/how-to/file-material.asp>.

For all materials submitted, please provide one electronic copy directly to me. Also, please provide an electronic version and hard copy directly to each of the representatives of our cooperating agencies, Diane Rusanowsky of the National Oceanic and Atmospheric Administration-National Marine Fisheries Service; Russell Smith of the U.S. Army Corps of Engineers; Lingard Knutson of the U.S. Environmental Protection Agency; and Jeff Zappieri of the New York State Department of State. Also provide electronic and hard copies directly to our third-party EIS contractor.

Thank you for your cooperation. If you have any questions, please call me at 202-502-8045.

Sincerely,

Jim Martin  
Environmental Project Manager  
Office of Energy Projects

Enclosure

cc: Public File, Docket No. CP06-54-000 and CP06-55-000

Lawrence G. Acker, Attorney for Broadwater Energy  
Leboeuf, Lamb, Greene & MacRae L.L.P.  
1875 Connecticut Avenue, NW  
Suite 1200  
Washington, DC 20009-5728

Ms. Diane Rusanowsky  
National Marine Fisheries Service  
Habitat Conservation Division  
212 Rogers Avenue  
Milford, CT 06460

Mr. Russell Smith  
Operations Division, Eastern Permits  
U.S. Army Corps of Engineers, New York District  
26 Federal Plaza  
New York, New York 10278-0090

Ms. Lingard Knutson  
Environmental Review Section  
U.S. Environmental Protection Agency, Region 2  
290 Broadway  
New York, New York 10007-1866

Mr. Jeff Zappieri  
Consistency Review Unit  
New York State Department of State  
41 State Street  
Albany, NY 12231-0001

Enclosure 1

Broadwater LNG Project  
Docket No. CP06-54-000 and CP06-55-000

**ENVIRONMENTAL INFORMATION REQUEST**

1. Provide the status of all applicable permits associated with potential onshore facilities and activities.
2. Provide a detailed description of the heliport, potential FAA requirements and restrictions, and a discussion of any impacts that could result from use of the heliport. Describe any NYSDOT and Suffolk County permitting requirements for, or restrictions on, use of the proposed heliport.
3. Since Long Island Sound is considered an inland water of New York, provide a justification for why the proposed pipeline should be classified as Class 1 under 49 CFR 192.3.
4. Clarify whether ballast water in the YMS would ever be drained during the life of the project. In the event that it would be drained, describe any environmental impacts of discharging the YMS ballast water including the concentrations and treatment of the water due to the presence of corrosion inhibitors.
5. We received comments from another agency regarding the frequency, extent, and magnitude of pipeline movement along the expansion spool. Describe this movement and any potential impacts to the seafloor and associated biological communities.
6. Clarify the basis for Broadwater determining that the use of mid-line buoys on all construction vessel anchor lines would double the construction schedule, and present the expanded construction schedule.
7. Quantify the seafloor acreage impacted by both the anchor footprints and anchor cable sweep during YMS installation.
8. Update the annual estimates of ichthyoplankton loss associated with operational water intake based on results from the October 2005, February 2006, and March 2006 site-specific field surveys. Provide the March 2006 results including the field results, density, and estimated daily loss due to impingement and entrainment.

9. Provide Broadwater's response to the NYSDEC letter dated March 9, 2006 regarding the applicability of federal PSD review for the proposed Project.
10. Regarding potential alternative offshore interconnection points with the Iroquois Gas Transmission System (IGTS), describe any changes to the natural gas throughput capabilities to the New York City and Long Island markets that would result from moving the interconnection point further upstream (north) on the IGTS pipeline.
11. Provide a comparative analysis, including tabular summaries, of the potential offshore and onshore impacts associated with the proposed Project and an offshore storage and regasification alternative located on the south side of Long Island, and a new pipeline between the offshore terminal and an interconnect with the existing IGTS pipeline.
12. Provide an environmental, engineering, and economic analysis of an alternative pipeline route that would proceed due south from the proposed FRSU location, make landfall near Scott's Beach on Long Island, and extend onshore south and westward to an interconnect with the existing IGTS pipeline near Smithtown, NY. The analysis should include the following information so that a quantitative comparison can be made with Broadwater's proposed route in this area:
  - a. The length of pipeline (miles)
  - b. The acreage of both the permanent and construction rights-of-way
  - c. The estimated size and location of any non-typical work areas required
  - d. The estimated number of residences within 50 feet of the edge of the construction right-of-way
  - e. The number of waterbodies and wetlands crossed
  - f. The acres of agricultural land affected
  - g. The acres of forest cleared
  - h. The miles of right-of-way that would be parallel or adjacent to existing rights-of-way

Broadwater may supplement its response with other information that may be relevant to the analysis of the alternative and/or with suggested modifications to the route that would result in fewer environmental impacts. Revise Figure 10-13 to depict this route alternative and label it "Scott's Beach Route Alternative."