Monthly Letter Progress Report #4– April 2011
Bibliography of Literature Relavent to the BRACS Program
TWDB Contract No. 1100011199

Submitted to:

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1.0   Progress on Tasks

This report summarizes activities on project tasks through the month of March 2011. The billing period for the project is from 3/01/11 to 3/31/11. The total monthly invoice is $9,058.85 and the total expenditures to date are $24,362.58.

Task 1 Project Management

Prepared monthly progress reports.

Dr. Bridget Scanlon and INTERA tentatively agreed that BEG would not participant in this project as a subcontractor. At this time no work is planned for BEG.

Task 2 Literature Search

Approximately 5,000 references have been obtained during the literature search.   In order to help identify duplicate citations several programs were written. One program was written to compare text string and quantify their similarities so that checks for duplicate citations based on titles could be partially automated. Another program was written to convert a title to a title case in order to compare titles that may have different punctuation regarding capitalization. Application of these two programs allowed us to remove approximately 2,000 duplicate citations from a list of 7,000 citations created by combining citations lists obtained from the USGS, BEG, TWDB, universities, Mr. Ernie Baker, and web sites.

During the process of checking for duplicate citations, we realized several inconsistencies regarding the storage of information in ENDNOTES. To correct his problem, guidelines were prepared on which of the approximately 60 fields in ENDNOTES to store information.

 Task 3 Bibliography Database

A methodology was established for transferring information between ENDNOTES and a Mircosoft Access Database to help with the management and addition of citations. Over the next several months we anticipate the majority of new citations well be entered manually. In order to expedient entering the individual citations and with checking the data entry for error, we have developed a process whereby citations are first entered into a Mircosoft Access database and then are uploaded into an ENDNOTES database.

2.0   Planned Activities for the Next Month

Task 1 Project Management

Identify key bibliographies and .agencies for obtaining references.

<u>Task 2 Literature Search</u>

Begin data mining the Railroad Commission file. Begin assembling bibliographies from major USGS, BEG, and TWDB reports.

<u>Task 3 Bibliography Database</u>

Develop a prototype ENDNOTES database for review by TWDB.

3.0   Problems/Issues and Actions Required/Taken

We anticipate that BEG will not be participating in this study. In discussions with BEG, BEG and INTERA have jointly decided that BEG does not offer any advantage over INTERA to complete any of the remaining work.   One of the initial reasons including BEG was the possibility of a pre-existing citation in ENDNOTES that was prepared several years ago by the BEG library. Last month, we realized such a BEG database does not exist and that the only citation database that the BEG had to offer was their 2010 publication database, which the BEG submitted to INTERA last month without costs. INTERA will make a formal request to TWDB to remove BEG as a subcontract. Work that would have been done by BEG will now be done by INTERA.

We plan to request a no-cost extension in early May. The request is needed to provide additional time for INTERA personnel to search the literature. Two of INTERA personnel who will be performing the literature search this summer will be out to field camp for three to six weeks this summer. We plan to request a no-cost extension of 120 days.