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Date: October 31, 2008
Refer To: EP2008-0586

James P. Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Submittal of Update/Revision of the Los Alamos National Laboratory's Ecorisk Database, Version 2.3

Dear Mr. Bearzi:

Enclosed please find two compact discs (CDs) containing the update/revision to Los Alamos National Laboratory's ECORISK Database for your review. Please read the cover letter before opening the database files. The cover letter describes what is on the CDs, installation instructions for the Access Database, and several issues pertinent to understanding the information contained within.

The Environmental Programs Directorate—Waste and Environmental Services Division maintains and updates this database as necessary to ensure that the ecological screening levels (ESLs) used to assess potential ecological risk at sites are representative and current. The reports submitted by the Environmental Programs Directorate to the Hazardous Waste Bureau will use the ESLs presented in version 2.3 starting in October 2008 until the next version is published.

If you or your staff have any questions please contact Richard Mirinda at (505) 665-6953 (rmirinda@lanl.gov).

Sincerely,

Susan G. Stiger, Associate Director
Environmental Programs
Los Alamos National Laboratory



SS/DG/CE/RM:sm

Attachment: 1) Two CDs containing Ecorisk Database, Version 2.3 (LA-UR-08-)

Cy: Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-OB, White Rock, NM
Tom Skibitski, NMED-OB, Santa Fe, NM
Alison Bennett, DOE-LASO (date-stamped letter emailed)
David Gregory, DOE-LASO, MS A316
Ellen Louderbough, LC-LESH, A187
Rich Mirenda, EP-WES-EDA, MS M992
Craig Eberhart, EP- WES-EDA, MS M992
Susan G. Stiger, ADEP, MS M991
Alison M. Dorries, WES-DO, MS M992
Kristine Smeltz, WES-DO, MS M992
RPF, MS M707
IRM-RMMSO, MS A150 (date-stamped letter emailed)

October 2008

To Whom It May Concern:

Enclosed is a CD-ROM that contains files for the Los Alamos National Laboratory Ecorisk Database Release 2.3 (October 2008).

The CD-ROM contains the following folder and files:

- ECORISK_R2.3_101408.MDB: A MS Office Access 2000, XP or 2003 compatible file that is the Ecorisk Database Release 2.3.
- CoverLetterR2.3_101408.doc: The cover letter you are currently reading.
- ESLHistorySummary101408.html: A document describing all ESL changes since the beta release of the Ecorisk Database to the latest release.
- ESLs_R2.3.xls: A MS Office Excel (XP) file that contains all ESLs from the Ecorisk Database Release 2.3. This file can be accessed either directly or from within the database.
- NMWQCC2002_NMAC_20_6_4.pdf: The State of New Mexico standards for interstate and intrastate surface waters. These values may be useful for local risk assessments. Acrobat Reader software is needed to view this file.
- GMMTRVDerivationMethods090104b.htm: Explanations of the content of TRV Summary Reports associated with GMM TRVs derived by LANL based on reviews of primary toxicity studies. This file can be accessed either directly or from within the database.
- GMMTRVDerivationMethods090104b_files folder: Contains two files (filelist.xml and header.htm) to ensure proper function of the GMMTRVDerivationMethods090104b.htm file.
- TRVs_Methods_LANL&EcoSSLData_R2.3.htm: A document that explains the methods used to derive TRVs for PAHs and DDT and metabolites using both EPA and LANL data.

Installation of Program:

A directory folder of C:/EcoriskDb must be created in the user's hard drive, and ALL of the files in the CD-ROM must be saved to this location. This is necessary in order to ensure functionality of links to outside files from within the database. If you have files for a previous version of the Ecorisk Db already in this folder, you must delete or move the old files prior to installation. The database file cannot be opened directly from the CD-ROM due to the user-level security component of the database structure. Once the file has been copied to C:/EcoriskDb, please make sure that the read-only file property is NOT checked for the database (.mdb) file.

Data Issues:

Please refer to the ESL History Summary Report (ESLHistorySummary101408.htm) for a synopsis of the changes made to the data in the Ecorisk Database since the last release. This report can be accessed from within the Ecorisk Database from the ESL History options on the main Menu. Please refer to the What's New Screen in the Ecorisk Database for specific details on value changes.

Interface Issues:

We have made minor modifications to the interface to increase the user friendliness of the database based on input from reviewers. Please refer to the ESL History Summary Report (ESLHistorySummary101408.htm) for a synopsis of the changes made to the interface screens in the Ecorisk Database since the last release. This report can be accessed from within the Ecorisk Database from the ESL History options on the main Menu. Please refer to the What's New Screen in the Ecorisk Database for specific details on value changes.

Note, when using the report option in the database, you will receive a blank report if there is no data for the report criteria you selected. You will also receive a blank report if you do not provide all the report criteria.

Other Issues:

This database is a work in progress and although we have reviewed the data within it extensively, we still recommend that you verify the data before use by referring to the actual references cited. The project may be able to assist you in obtaining copies of some of the harder to find documents cited in the database.

Contact Information:

Please contact Rich Miranda at rmiranda@lanl.gov if you have any trouble with your copy of the database or if you have any questions and/or comments about the database.

We encourage you to provide feedback on the database.

Thank you,
The Ecorisk Database Team

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***TO VIEW THE DATABASE
THAT ACCOMPANIES
THIS DOCUMENT
PLEASE CALL THE
HAZARDOUS WASTE
BUREAU AT 505-476-6000
TO MAKE AN
APPOINTMENT***