

Appendix “J” – HARP Instructions

HARP

The software used by the District for the CEIR is the California Air Resources Board software known as Hotspots Analysis Reporting Program (HARP). HARP has four (4) major parts. They are California Emission Inventory Data and Retrieval System (CEIDARS), Prioritization Scores, air dispersion modeling (ISCST3) and health risk assessment (HRA). The parts are linked together to allow transfer of data from one part to another. The HRA uses the methods approved by Office of Environmental Health Hazard Assessment (OEHHA).

DOWNLOAD

HARP revision 1.2 that as released on. August 11, 2005 can be downloaded from the following web site:

<http://www.arb.ca.gov/toxics/harp/harp.htm>

In the left column of this web page under the section entitled “Downloads” click on ‘HARP Software’ to download HARP and to see the installation instruction. Click on “Documentation” to download “HARP How-To Guides” and “HARP User Guide”.

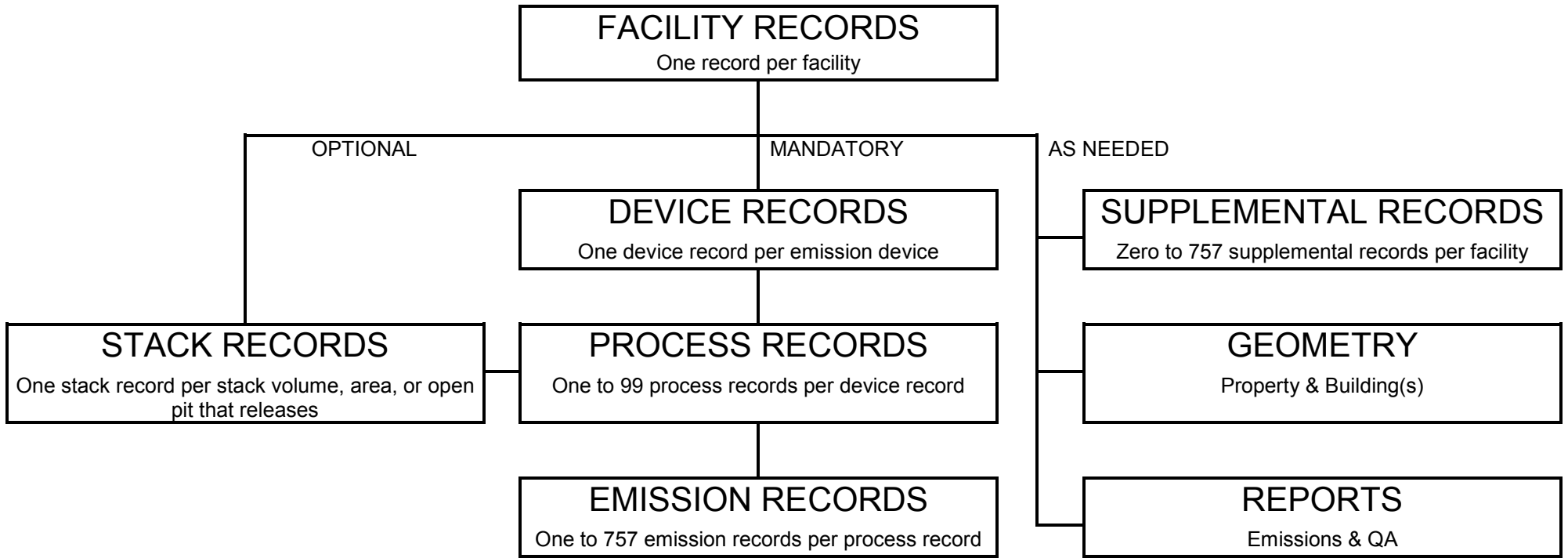
The simplest way to learn how to use HARP is to use the ARB document entitled “The HARP How-To-Guides”. “The HARP How-To Guides” are supplemental instruction aids to the user guide. They provide steps-by-step procedures to carry out some of the basic functions of HARP. The guides were written in a manner that assumes the reader has a basic understanding of HARP. For detailed information about HARP, please see the “HARP User Guide.

The detailed “HARP User Guide” can be downloaded from this web page.

CEIDARS FLOW DIAGRAM

CEIDARS requires one ‘Facility Record’ for each facility. One ‘Device Record’ for each emission source or release activity. There can be one to 99 ‘Process Records’ for each ‘Device Record’. There can be one to 753 ‘Emission Record’ for each ‘Process Record’. There should be one ‘Stack Record’ for each point (Stack, Volume, Area or Open Pit) that releases a substances or substances to the atmosphere. Each stack should be linked to a ‘Process Record’. ‘Stack Records’ are optional. See the following for a flow diagram.

CEIDARS FLOW DIAGRAM



IMPORTING DATA

SCREEN

ACTION

HARP - Reporting Year 20xx*
* Year data is to be imported into

Click on “Transactions”

Click on “Import Facilities and Emissions”

Import Changes from Tran···

Click on “Import Data”

Open

If not in desired folder or drive and then click on “Look In” and go to desired drive an/or folder.

Click on “file name” of the file to be imported into HARP. The file type or file name extension must be ‘TRA’.

Click on “Open” button

HARP

Answer “Yes” if the statement contains the correct “file name” form importing and database for year of “20xx” is correct.

Import Changes from Tran···

When file has been imported the bottom window will read, “Import completed successfully”. Then click on “Exit”.

HOW TO FIND IMPORTED DATA

HARP - Reporting Year xxxx

Click on “Edit Data”.

Click on “Facilities and Emission”.

Facility Data

Facility name should appear in small window to the right of “Facility”. If not, from Task Bar click on “List”. The name of the desired facility name should appear in the column entitled “Facility”.

Facilities

Click on the desired facility name.

Click on “OK”.

Facility Data

Facility name should appear in small window to the right of “Facility”.

EXPORTING DATA

SCREEN

ACTION

HARP - Reporting Year 20xx*

* Year data is to be exported from

Click on “Transactions”

Click on “Export Facilities and Emissions”

Export Changes to Trans ...

Click circle, (which will place a dot in the circle) located before the words “User Defined Facility List”

Click button entitled “Edit List”

List Editor

Delete all facilities in window entitled “List”

From “Available records” highlight facility to be exported by placing pointer in box to the left of the column entitled “facid” and then click left mouse button

Click on “Insert”

Repeat previous two steps until all facilities to be exported appear in “List”

Click on “Exit”

HARP

Answer question with “Yes”

Export Changes to Trans ...

In Task Bar Click on “Export”

Export to file

Click on button with “up arrow” until desired folder or drive appears in large window.

If exporting to an external disk insert the external disk into the appropriate drive, normally the “A” Drive.

Click on “folder” where the data is to be exported to. The window after “Look in:” should now read “folder name”.

In the small window located to the right of “File name:” type in a name of the file or files being exported.

Click on “Open” button

Export Changes to Trans ...

Messages will appear near the bottom starting with the word “Exporting...”

When export is completed the message at the bottom should read “Exported *{number}* facilities to the *{drive}:\{folder name}\{file name}.tra*”

Click on “Exit” to return to “HARP - Reporting Year” screen

HARP – Reporting Year 20xx

HOW TO CHECK ON EXPORT DATA

DESK TOP

Double Click on location of downloaded file such as ‘My Documents’, or ‘My Computer’, or etc.

Exploring

Click on drive and/or folder until desired folder is hi-lighted

Double click to open the desired file.

The inventory file will open in 'Notepad'. Each of the lines should begin with one of the following:

“CEIDARS2.5”
“FAC”, ---- one line for each facility
“DEV”, ---- one line for each device
“PRO”, ---- one line for each process
“EMS”, ---- one line for each substance emitted for each
process
“STK”, ---- one line for each stack.
“BLD”
“BLP”
“PRT”
“PRP”
“RSK”

The following is an example of how each line of a facility report should begin:

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"CEIDARS25","HARP/CEIDARS 2.5 transaction file generated 2/6/2004 10:26:30 AM"  
"FAC",37,3000,"SD","SD","A","DILLINGHAM DONUTS","12345 COAST BLVD","LA JOLLA"  
"DEV",37,3000,"SD","SD","A",1,"DONUGT DEVICE 1",""  
"PRO",37,3000,"SD","SD","A",1,1,"DONUGT PROCESS 1",39000701,1795,""  
"EMS",37,3000,"SD","SD","A",1,1,1016,1,,,,1,,,0,10,0.001,,,,,"","","","","rtw"  
"STK",37,3000,"SD","SD","A",1,"FIRST STACK",30,5,200,1178,60,"U11","NAD27",  
"BLD",37,3000,"SD","SD","A",1,1,"",10,3,4,"N","rtw",20040206  
"BLP",37,3000,"SD","SD","A",1,1,1,1,0,0,"rtw",20040206  
"BLP",37,3000,"SD","SD","A",1,1,2,2,20,0,"rtw",20040206  
"BLP",37,3000,"SD","SD","A",1,1,4,4,20,25,"rtw",20040206  
"PRT",37,3000,"SD","SD","A",1,"",5,"N","rtw",20040206  
"PRP",37,3000,"SD","SD","A",1,1,1,-30,-30,0,"rtw",20040206  
"PRP",37,3000,"SD","SD","A",1,2,2,30,-30,0,"rtw",20040206  
"PRP",37,3000,"SD","SD","A",1,3,3,30,30,0,"rtw",20040206  
"PRP",37,3000,"SD","SD","A",1,4,4,0,30,0,"rtw",20040206  
"PRP",37,3000,"SD","SD","A",1,5,5,-30,0,0,"rtw",20040206  
"RSK",37,3000,"SD","SD","A","","",,,,"",,,1.026419E-04,56.1,7.894737,7.894737,
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