



Subject: WWIS 4.14 Release Notes

From: "Speed, Dave" <Dave.Speed@wipp.ws>

Date: Mon, 30 Jun 2003 14:16:00 -0600

CC: "Bennett, John" <John.Bennett@wipp.ws>, "Jackson, Kim" <Kim.Jackson@wipp.ws>, "Italiano, Marc - DOE" <Marc.Italiano@wipp.ws>

We plan to implement the WWIS version 4.14 upgrade on Thursday July 10, at approximately 1800 hrs.

Appended are details concerning the 4.14 code modifications.

Please call if you have any questions.

Dave Speed
 WWIS Team Lead
 505.234.7490



WWIS 4.14 Release Notes

The 4.14 Release of the WIPP Waste Information System consists of the following software modifications and enhancements:

WSMR # 0103 - Add PCB Functionality to WWIS and Utility.

Three new fields were added to Certification Data Entry form to allow the entry of additional PCB data. The first new field is a checkbox labeled "PCB Waste". A check mark in this checkbox indicates the presence of PCBs in the waste container. The next field is "PCB Mass (kg)" used to indicate the mass in kilograms of the PCB waste. And, finally, the "PCB Out of Service Date" is used to identify the date that the PCBs within the waste container were removed from service. The "PCB Out of Service Date" is required when the "PCB Waste" checkbox is checked. The converse is true as well. If a date is entered in the "PCB Out of Service Date", the "PCB Waste" checkbox must be checked. In addition, if a value of 50 or greater is entered in the "PCB Conc (ppm)" field, the "PCB Waste" checkbox must be checked. These same 3 fields were added as display-only fields to the "Container Query" form as well as the "Certification Review/Approve" form used by the DA's to approve waste container certification data.

In addition to the modifications to the forms mentioned above, three fields (PCB_WASTE, PCB_MASS, PCB_OUT_OF_SERVICE) were added to the TMP_WST_CNTRS to accommodate the new PCB data for waste container electronic transfer. See "Database Structure Changes" for the column specification for these new fields. A value of "Y" or "N" is required for PCB_WASTE. As with the manual data entry, a valid date is required in PCB_OUT_OF_SERVICE when PCB_WASTE="Y", and PCB_WASTE must be "Y" if either a date is present in PCB_OUT_OF_SERVICE or a value greater than or equal to 50 is present in PCB_CONC.

The final modifications with regards to the 3 new PCB fields were made to several forms accessed via the Utilities menu. The "Temp Wst Cntrs Entry" form was modified to allow users to enter and modify the 3 new PCB fields on containers in their temp tables. The "Container Copy" function was modified to copy the 3 new PCB fields along with the other container data from the copied container record to the newly created container record. The "Excel Temp Table Loader" function was modified to load the 3 PCB fields along with the other container data into the user's temp table from an Excel spreadsheet.

WSMR # 0110 - Implement Container Hold and Reset Functions.

In an effort to make correction of waste container data less cumbersome for the Shipper/Generator sites, a container reset option was implemented. The DA's now have the ability to reset a waste container to "presub" status at the user's request. A container which is in "Pending Characterization

030635



6/30/2003 2:53 PM

Approval" or "Characterization Approved" status can be reset to "Pre-submittal to Characterization Approval" status. A container which is in "Pending Certification Approval" status or "Certification Approved" status and not yet assigned to an assembly can be reset to "Pre-submittal to Certification Approval" status. Inner containers can only be reset if the overpack container that it is assigned to is in "Pre-submittal to Certification Approval" status. Otherwise, the overpack container must be reset first and then the inner container can be reset. As part of the reset process the DA is prompted for and required to enter the reason for the resetting a container. Once the container is reset, an email is sent to the email address specified in the Users Reference Table for the user ID that entered the waste container stating that the container has been reset to "presub" status.

Functionality was also added to WWIS to allow the DA's to place a container "on hold" during the review/approve process for a container. The DA is prompted for and required to enter the reason for placing a container "on hold". The DA releasing the hold is also required to enter the reason for releasing the hold when the container is approving.

WSMR # 0111 - Modify Error Reporting Function.

The database structure and process for capturing and reporting waste container errors was streamlined. Ten database tables used for storing container errors resulting from edit limit checks were combined into one table. This modification is transparent to the users. The manner in which users view and report on waste container errors has not changed only the underlying data structure and code.

WSMR # 0112 - Add "Quick to WIPP" Flag to TRUCON Code Flags.

The code which generates the "Shipment Approval Email Notification" message sent to a distribution of organizations within WIPP upon the approval of a shipment was modified to replace hardcoded TRUCON codes with logic to lookup the TRUCON codes in the TRUCON Codes Reference Table which contain the "QTW" flag to determine whether or not the email notice should include the "ALERT! QUICK-TO-WIPP SPECIAL PROCESS WASTE"

WSMR # 0113 - Standardize the Dunnage Characters.

On the several reports and forms (and underlying views) that contained a "Dunnage" flag to identify whether or not a container was a dunnage container, there was inconsistency in the character used as the flag. A standard for the use of a "Dunnage" flag was implemented such that 'Y' indicates that the container is dunnage and 'N' indicates that is not.

WSMR # 0114 - Maintain Locations Reference Data Form Changes.

Building Number, Pad Number and Bore Hole Number fields were removed from "Maintain Locations Reference Data" form and report and the underlying table. The borehole number for RH canisters will be maintained in the WC_LOC table in the same manner as the Row, Column, and Height data for CH assemblies.

WSMR # 0115 - Add Site ID to Data Change Log Report Form.

At the DAs' request, the Data Change Log Report was modified to allow the report to be generated for a specified Site ID.

WSMR # 0116 - Implement New Emplace Containers Form.

A new form was created to streamline the activities related to emplacing waste underground. This form provides Waste Operations the ability to emplace an assembly by simply clicking on the next available position in the underground as displayed on a diagram. The form also provides the ability to remove one or more damaged containers from a shipment assembly, add

dunnage containers to complete the assembly and emplace the newly created "emplacement assembly". It also provides the ability to overpack a damaged container into an overpack container. The WWIS group will provide users of this form with hands-on training.

WSMR # 0117 - Modify Headspace Gas Report for Overpack Reporting.

The "Headspace Gas Report" was corrected to include the headspace gas data for overpacked containers.

WSMR # 0118 - Modify Biennial Report for Overpack Haz Codes.

The "Biennial Report" was corrected to include the Hazardous Codes for overpacked containers.

WSMR # 0119 - Modify Admin Screen for Checking Status.

The "Administration Status Display" form used by the DA's and WWIS staff for monitoring the statuses of containers and shipments within the WWIS was modified to include the "Data Transfer in Progress", "On Hold for Characterization Data Approval" and "On Hold for Certification Data Approval" statuses.

WSMR # 0120 - Modify Waste Emplacement Report.

The "Waste Emplacement Report" was corrected to display the Matrix Code and Gross Weight data for overpack containers.

WSMR # 0121 - Modify Container Query and Certification Review/Approve.

A bug was corrected in the "Container Query" and the "Certification Review/Approve" forms which resulted in a "Function not allowed" error when a non-existent overpack container is queried.

WSMR # 0122 - Modify Utilities Container Copy Function.

The "Container Copy" function (accessed via the Utilities menu) was modified to include the new "on hold" statuses. The function sets the status of the newly created record to the appropriate "presub" status based on the status of the copied container.

WSMR # 0123 - Optimize Overpack Code to Improve Performance.

The overpack views were modified to improve performance.

WSMR # 0124 - Modify FGE Limit Check.

The FGE edit limit check was modified to implement the WAC (DOE/WIPP-02-3122, Revision 0) requirement.

WSMR # 0132 - Remove Internal Container Contamination Limit Checks.

The alpha and beta/gamma surface contamination checks were removed for inner (to be overpacked) containers. These checks remain in place for all other containers.