TOOLKIT VERSION 7.1

HELPFUL HINT: Users receive an error: ‘Check in/out could not be completed. Reason: All Obligated and Contracted Practices….’ Message when trying to check in a Toolkit Customer Folder

BACKGROUND

Toolkit 7 currently requires that each Planned Land Unit (PLU) exist only once in the National Planning and Agreements Database (NPAD). Because of this requirement, planners have an increased need to delete older versions of land units from some conservation plans (consplans).

Foundational Maintenance Improvements (FMI) efforts have increased the integration of Toolkit 7, NPAD, and ProTracts so that users will NOT be able to delete PLUs that are tied to active ProTracts contracts. If a user needs to remove a PLU tied to an active contract, they will first need to submit and approve a ProTracts modification to remove the land unit from the contract. Once the PLU is removed from the ProTracts contract, the user can proceed with deleting the PLU from the consplan if needed. This is consistent with FMI business rules, and these requirements will persist in Toolkit v7.

Currently however, the software is preventing users from deleting similar PLUs that had been tied to a ProTracts contract at some time. In other words, the software is incorrectly preventing users from deleting PLUs tied to completed, canceled, or terminated contracts. Users remove these PLUs from current consplans, but then receive an error similar to this when they attempt to check in the Toolkit folder:

![Toolkit Warning](image)

This behavior will be corrected with the release of plan status codes in Toolkit v7.1 (expected summer 2014) so that users will be able to remove PLUs even if they are associated with a completed, canceled, or terminated contract in ProTracts.

Until plan status codes are released, one of the following two workarounds can be used to effectively remove the older iteration of PLU(s) in the system and allow current PLUs boundaries to be added, and still allow the customer folder to be checked back in to NPAD.
WORKAROUND

In short, users receive the error above because NPAD recognizes that there is tabular land unit data that was at one time linked to a ProTracts contract, and those tabular data (attributes) no longer have corresponding PLU shapes (field boundaries) because the user deleted one or more PLUs.

Users can prevent this error from appearing upon folder check in by making sure any PLUs that are or were associated with ProTracts contracts have tabular data (attributes) linked to a land unit shape (polygon).

To resolve, planners will re-link the tabular land unit information (attributes) to a field shape to satisfy software requirements. This can be done in one of two ways:

1. If the planner wants to retain the original tract and land unit number in the same consplan where it originally existed, they can complete the steps outlined under ‘EXAMPLE - Option 1’ to bring in updated PLU boundaries and link them to the existing attribute data for the Consplan.

2. If the planner wants to bring in updated tract and land unit information (new tract/land unit numbers), or keep the same tract and land unit number, but in a consplan different than where the original was located, they will need to do two things, explained in detail under ‘EXAMPLE - Option 2’.
   a. Re-establish a link between the existing attributes (unmapped land units) and a field shape (polygon) in the consplan where the contracted land unit originally resided. Once linked, these fields can stay in ‘sketch’ (blue) status. This way, the field attributes are linked to a shape to satisfy software requirements, but because the land unit is in ‘sketch’ (blue) status, it does not cause an overlap/topology issue.
   b. Bring in the new tract/land unit information using the ‘New Toolkit Layer’/star button. User can either create a new consplan, or link to existing consplan depending on what is needed for a particular situation.
EXAMPLE – Option 1

In this example, the user wants to bring in updated PLU boundaries, but wants to keep the original Tract/field numbers and these will be in the same consplan the original field(s) were in:

Previous actions - Original consplan had one field that is displayed in legacy status:

Note this same field is associated with a completed EQIP contract.

This user deleted the legacy PLU then attempted to check in the customer folder. User receives the following error upon check in, due to the fact that the previously contracted field no longer has a field shape associated with its attributes:
To correct...

User should, reopen ArcMap and reload the consplan. Once the consplan is added, the user will bring the new version of the PLU boundary (from CLU, digitized shape, etc.) into the existing consplan. Then, the user will use the ‘link to tabular’ option in the attribute window to re-associate the PLU attributes to the updated PLU shape (boundary):

Once completed, the user can then check in the land unit to commit the current version of the PLU into NPAD, and allow the customer folder to be checked back into Toolkit (NPAD).
EXAMPLE – Option 2

In this example, the user wants to bring in updated PLU boundaries, and wants to either a) bring in new tract/field numbers or b) wants to bring back in the same tract/field number but in a consplan location other than where the original PLU instance was located. In these cases, the user must complete two steps to rectify this issue:

a. Re-establish a link between the existing attributes (unmapped land units) and a field shape (polygon) in the consplan where the contracted land unit originally resided. *Once linked, these fields can stay in ‘sketch’ (blue) status. This way, the field attributes are linked to a shape to satisfy software requirements, but because the land unit is in ‘sketch’ (blue) status, it doesn’t cause an overlap/topology issue.*

b. Bring in the new tract/land unit information using the ‘New Toolkit Layer’/star button. User can either create a new consplan, or link to existing consplan depending on what is needed for a particular situation.

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Note this same field is associated with a completed EQIP contract.

This user deleted the legacy PLU then attempted to check in the customer folder. User receives the following error upon check in, due to the fact that the previously contracted field no longer has a field shape associated with its attributes:
To correct...

User should reopen ArcMap and reload the consplan. Once the consplan is added, the user will

a. Re-establish a link between the existing attributes (unmapped land units) and a field shape (polygon). Bring the field shape (from CLU, digitized shape, etc.) into the existing consplan. Then, the user will use the ‘link to tabular’ option in the attribute window to re-associate the PLU attributes to the PLU shape (boundary).  
   
   Once linked, these fields can stay in ‘sketch’ (blue) status. This way, the field attributes are linked to a shape to satisfy software requirements, but because the land unit is in ‘sketch’ (blue) status, it does not cause an overlap/topology issue.

![Image of ArcMap interface showing attribute window and shape overlay]

b. Check in the Toolkit Customer folder.* This is successful because the PLU that had been tied to a ProTracts contract now has both tabular data (attributes) and a field shape (polygon) linked.

c. Check (back) out the Toolkit Customer folder.*

*The check in and back out of the customer folder appears necessary in order to ‘clean the slate’ in NPAD and allow a new iteration of the PLU to be checked in to NPAD as ‘plan’ over the top of the sketch field, when creating the new instance of the PLU in the same plan/folder as the original.
d. Bring in the new tract/land unit information using the ‘New Toolkit Layer’/star button. User can either create a new consplan, or link to existing consplan depending on what is needed for a particular situation. *In this example, we’re working in the same consplan, but the tract and field information is no longer T1868 Field Un1 and should now reflect T999 Field Un101:*

Note that the ‘sketch’ field (T1868 Field Un1) also exists in this same consplan (you can see the vertical blue line of this other PLU in the screen capture.

Now the user can check in the land unit ![check symbol] to commit the current version of the PLU into NPAD, and allow the customer folder to be checked back into Toolkit (NPAD). *Because the user will be attempting to check in a land unit in the same general area as the older land unit (the one that will remain in ‘sketch’ mode) it is recommended to use the ‘Query by – Tract number’ option of the check in land units button to avoid accidentally selecting both the old and new land unit with the select feature button, which would create an overlap.*
Consplan now displays the ‘plan’ (green) PLU which reflects our new field (T999, Un101) information. This PLU was successfully checked in, and you can see the old PLU (T1868, Un1) still in sketch mode in the same consplan:

Customer folder can now be checked back in.