**Monthly Updates for SDE Layers**

7/16/2013

updated 12/27/2019 – TPS. New section on updating the PT geodatabase and new info in Test SDE Financing section.

Update 7/14/2022 – TPS. New updates to Water Rights: Long Term section in Test SDE

***Update Overview:***

***Make sure gdbs in [z\_GDBs] and g:\temp are current by checking the date of the geodatabase tables/feature classes in ArcCatalog (the “Modified” column needs to be showing on the Contents tab), then do this.***

*This updates SDE test server and pushes final to production server*

*(*[*link to older doc*](file:///A:\z_Maintenance\Help\Monthly%20Updates.docx)*)*

The following updates should be performed at least once a month, preferably a day or two after the monthly board meeting.

**Update the TEST SDE**

Open ArcCatalog

Open the ArcToolbox

Load the Toolbox: [**\\OWRBGIS\GeoDat\GIS\ArcGIS\Toolboxes\Z\_SDE\_Layers\_Update106.tbx** ]

**Run the Following Models/Complete the following:**

Dam Inventory:

**1) Update DI on Test (G:\Temp)**

Financing: Important: Before you run the model, check the FA\_Loans\_Grants\_NP table in the Financing.gdb. If there are any entries where the APPSTATUS is Approved, you need to update OWRBGIS.FA\_Master\_Entity\_Points on OWRT, then copy it to OWRP, then rerun the tools in [\\owrbgis\geodat\GIS\ArcGIS\Toolboxes\ZFinancingUpdate106.tbx](file:///\\owrbgis\geodat\GIS\ArcGIS\Toolboxes\ZFinancingUpdate106.tbx) to make sure the new loan/grant point appears.

**1a) Update FA Loans Grants on Test**

Water Quality:

**1) Update WQ Layers on Test from G:** *- Do as needed, not monthly*

Wells:

**1) Update Wells Test**

Water Rights:

Long Term

Update LT Data

1. **Update WR Permit Statistics Table**
2. **Update LT Lands Points Metadata**
3. **Update Dashboard Date**

PTs

[Updating the Provisional Temporary Permits GIS Layers](file:///\\Arapaho\MasterCovs\z_Maintenance\Layers\Water_Rights\Updating%20the%20Provisional%20Temporary%20Permits%20GIS%20Layers.docx)

Stop after running models 2a-2c

Oil and Gas File Geodatabase **– run every 6 months**

[Updating the Oil and Gas Water Rights FGDB](file:///A:\z_Maintenance\Layers\Water_Rights\Updating%20the%20Oil%20and%20Gas%20Water%20Rights%20FGDB.docx)

**Check the updated layers on Test**

**Tracy does the following this in the evening**

**Update the PRODUCTION SDE**

From ArcCatalog:

Run the Following Models:

Dam Inventory:

**2) Update DI on Production**

**3) Delete Metadata Log**

Financing:

**2a) Update FA Loans Grants on Prod and CSA**

**2b) FA\_Metadata\_Templates\_Update.py**

**2c) Metadata Import**

**3) Update Master Entries to Prod** *(*[*Only after Master Entity Points layer has been updated)*](../../../Layers/Finance/Editing%20the%20Master%20Entity%20Points.docx)

Water Quality:

**2) Update WQ Layers to Prod**

**3) Update Join table from Test to Prod** *– As needed only*

Wells:

**2) Update Wells Production and CSA**

**3UpdateWLMetadataDate**

**4UpdateWLProdMetadata and CSA Metadata**

Water Rights:

PTs

**3) Update PT Layers on Production**

Check and make sure data in ArcGIS Online map viewers appears correctly

**Update the PT Geodatabase**

An **ArcInfo/Advanced license** is needed.

From ArcCatalog:

Confirm that the attribute table of OWRBGIS.WR\_PT\_Points\_All and OWRBGIS.WR\_PT\_Lands\_All is fully populated.

Open the ArcToolbox [\\owrbgis\geodat\GIS\ArcGIS\Toolboxes\Z\_PT\_Water\_Rights\_102.tbx](file:///\\owrbgis\geodat\GIS\ArcGIS\Toolboxes\Z_PT_Water_Rights_102.tbx)

Run the models:

**aDeletePTGDB**

**bCreatePTGDB**

**c1CalcFieldsAndRC**

**c2CreateIdenticalPointsTable - Modify Start Date** – open the model and update the Make Feature Layer query for permits within the last 2 years, then Save.

**dCreateSummaryTables**

**eDeleteArapahoGDB**

**fCopyPTGDBtoArapaho**

**gUpdateWRMetadataDateforPTs**

**hExportSHPMetadata**