Solid Waste LEMIR migration plan

Updated Friday 3/15/19

Steps

UAT Steps

1. EPD IT Build package with inserts
2. EPD IT Build package with updates
3. EPD IT Send package(s) to enfoTech

1,2,3 estimated for Monday 3/18, with package

1. EnfoTech runs in UAT, informs EPD IT when complete or if errors.
2. EPD IT does some spot checks (need test plan), estimated Tuesday, Wednesday 3/19, 3/20

A) If all OK proceed to Production steps

B) If issues, may have to stop process until corrected. Back to step 1 after correction.

Production Steps (assumes any errors in processing in UAT have been corrected)

1. EPD IT imports copies of LDB and PBR MS Access DB’s into SQL Server, update PBR facilities as listed below in “not to forget” items.

* Make backups of current SQL Server versions of LDB and PBR
* Empty existing tables so data types are preserved, complete mapping
* Run imports from Access to SQL Server
* Deal with any transformation data typing issues – last time were about 10

1. enfoTech backs up LEMIR Production database, puts on enfoTech FTP site, estimated Wednesday 3/19
2. EPD IT restores this backup into local SQL Server, estimated Thursday morning 3/21.
3. EPD IT runs preparatory scripts, runs package creation scripts
4. EPD IT sends package(s) to enfoTech, estimate Friday afternoon 3/22
5. enfoTech restores LEMIR UAT3 DB from LEMIR Production, runs scripts first against that. Estimated Friday PM 3/22
   1. If all OK, run scripts in Production (requires code and database changes be in place in Production first)
   2. If issues, EPD IT stands by to address any issues that arise Friday evening, Saturday or Sunday

Contingency steps

1. If failure in UAT, will have to postpone Production migration, but this should not impact code/database change deployment
2. If failure in Production, will have to make quick assessment as to recovery steps and schedule. This would need to happen Monday morning 3/25.

So as not to forget:

Need delete scripts – runnable in either UAT3 or Production

Have to run facility inserts first, obtain RIDs for those facilities which will then be needed for updates. (sounds difficult)

PBR facilities with missing city, state, zip, lat/long need to be populated as

Migration, GA, 11111, lat/long 0, 0

Need to build two fairly simple queries in LEMIR for EMU – Groundwater Monitoring, Methane Monitoring – who has not submitted in GEOS based on who has each LEMIR Env Interest defined.

Need to start working on plan to migrate Tonnage Data and create FIMS accounts for ~100 facilities. Cassandra Battle keeps spreadsheet, gives to Kelly Kitchens when it is felt ready, usually end of March each year.