

# Agenda

- 5/3 Production Release
  - Reporting Database connection upgrade
- 5/15 Preprod Release
  - Bulk Corrections for EPA
  - Services Enhancements
  - PPC Correction Request Enhancements
- Did you know?
  - Upcoming services enhancements to accelerate electronic adoption
- Upcoming Development
  - Updates to Manifest and Site Search Services
  - Multifactor Authentication
    - Agency goal coming for industry facing CDX applications: Projected 8/3 most users will see on 8/5
    - Development in full swing, scheduled to be in Preproduction on 6/3.
    - 5/31 last production deployment until 8/2
    - System to System: Should not affect API IDs and Keys
    - While the actual API IDs and Keys shouldn't be affected, the accounts that own the IDs and keys will need to be migrated to Login.gov.
- Manifest Data Findings
  - 58,037/148,908 (40%) of March manifests were state-only waste shipments. If the waste is hazardous in the generator or destination state, it requires a manifest. For more information see EPA's website: <https://www.epa.gov/e-manifest/state-only-hazardous-waste-subject-resource-conservation-and-recovery-act-manifests>
- Electronic Manifesting Updates
  - If interested in discussing electronic manifesting, reach out to [markley.kyle@epa.gov](mailto:markley.kyle@epa.gov).
- User Submitted Questions
- Questions

# Remote Signer - Concept

- ▶ Remote Signer is our new policy that describes how industry can execute valid electronic signatures through a registered user with sufficient permissions to electronically sign manifests (AKA the “Remote Signer”)
- ▶ It provides a way for...
  - ▶ Unregistered individuals to electronically sign manifests
  - ▶ Individuals without network access to electronically sign manifests
  - ▶ Sites to initiate the electronic signature process in their own waste management software
- ▶ The unregistered user for a site can contact (**verbally or systematically**) a registered user for a site to communicate that the manifest has been signed/changed custody.
- ▶ The registered user for that site updates the manifest in the system.

# Remote Signer - Method 1

- ▶ Electronically Signing Manifests with Remote Personnel through the e-Manifest User Interface
  - ▶ Advantage: The field personnel does not need network access, just a method to communicate and authorize the Remote Signer to execute the electronic signature in e-Manifest



Unregistered field personnel



Registered Remote Signer



# Remote Signer - Method 2

- ▶ Electronically Signing using System-to-System Communication
  - ▶ Advantage: Site employee and contractors can use their waste management software and the remote signer's API ID and key to initiate the execution of electronic signatures.



Unregistered field personnel



Company hazardous waste software with access to Remote Signer API credentials



# Remote Signers Draft FAQs

We'll be updating our FAQ, in general.

- ▶ Do hybrids still work?
  - ▶ Yes
- ▶ Can I use my own corporate system?
  - ▶ Yes, the remote signer needs to be registered with the handler signing the manifest, but you can use your system or a third party system
- ▶ I have a large company, do I still need to register all my drivers/ trained handlers of Hazardous Waste?
  - ▶ No, but you need at least 1.
- ▶ I have a small company with high turnover, do I still need to register all my drivers/ trained handlers of Hazardous Waste?
  - ▶ No, but you need at least 1.
- ▶ Do I still need to print a copy for the truck?
  - ▶ Yes, but you can do it on any printer that prints 8.5x11 paper. The PDF is emailable, downloadable, can even be texted and then printed.
- ▶ Could this work with rail shipments?
  - ▶ Yes