



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Waste Management

Revisions to DEP's Residual Waste Codes (RWC)

January 13th & 14th, 2016

Background

- Purposes of revisions...
 - Clarify existing definitions
 - Enhance usefulness of reported data and DEP's waste tracking efforts

Background

- Majority of revisions were to the 800-series RWCs
 - Relating to non-coal mining, oil and gas, and other well drilling wastes
 - Many of the RWC definitions were revised to mirror language used by the O&G Program

RWC Implementation

- Changes became effective on January 1, 2016
 - Waste disposed of on January 1 or later should be categorized using the new/revised RWCs

RWC Implementation

- Landfills accepting wastes that would fall under the new RWCs 806, 811, 812, and 899 must submit new Form Us
 - No permit modifications/Form R revisions necessary

Revised RWCs

RWC 801

- **Formerly Titled** – Drilling Fluids, Residuals
- **Now Titled** – Non-oil and Gas Well Drilling Waste
- The definition was revised to clarify that this code is reserved for well drilling wastes that are not related to the oil and gas industry

RWC 802

- **Formerly Titled** – Brine
- **Now Titled** – Produced Fluid
- Definition revised to state that this code is for brine and formation fluids generated after the 30-day flow-back period.
 - Consistent with Oil and Gas Production and Waste Reporting Guide

RWC 804

- **Formerly Titled** – Fracturing Fluid Waste
- **Now Titled** – Wastewater Treatment Sludge
- Definition states that this code is for wastewater treatment sludge generated during processing or storage of oil and gas wastewater.
 - Other wastes mixed with RWC 804 for disposal will also be coded as RWC 804

RWC 807

- **Formerly Titled** – Basic Sediment
- **Now Titled** – Sediment from Production Storage
- Definition revised to clarify that this code applies to sediment from storage of a marketable product (natural gas, oil)

RWC 808

- **Title** – Servicing Fluid
- “Well cellar cleanout waste” added to the definition

RWC 506

- **Formerly Titled** – Contaminated Soil/Debris/Spill Residue
 - **Now Titled** – Contaminated Soil/Debris/Spill Residue and Near-Surface Horizontal Directional Drill (HDD) Cuttings
- Revision intended to provide a code for cuttings generated during the laying of transmission/gathering lines

New RWCs

NEW – RWC 805 (existing definition)

- **Title** – Fracturing Fluid Waste
- Formerly RWC 804
- Definition revised to state that this code is for oil and gas fracturing/stimulation fluid waste, flow-back fluid and flow-back fracturing sand recovered from the well bore within 30 days following the release of hydraulic fracture stimulation pressures.
 - Revised for consistency with Oil and Gas Production and Waste Reporting Guide

NEW - RWC 806

- **Title** – Synthetic Liner Materials
- Intended to encompass all synthetic liner materials used on an oil and gas well site

NEW - RWC 811

- **Title** – Soil Contaminated by Oil and Gas Spills
- Soil contaminated by spills of oil and gas waste, with two exceptions:
 - Soil contaminated by spills of RWC 804 (wastewater treatment sludge) will be coded as RWC 804
 - Soil contaminated by spills of RWC 812 (filter socks) will be coded as RWC 812.

NEW - RWC 812

- **Title** – Filter Socks
- Filters, filter socks and other media used to filter any oil and gas-related wastewater.
 - Other wastes mixed with RWC 812 for disposal will also be coded as RWC 812

NEW – RWC 899

- **Title** – Other Oil and Gas Wastes
- All remaining oil and gas wastes other than those already covered under existing RWCs
 - Includes containment water sent for processing or disposal
- Formerly RWC 801 in OGRE

Questions?