Radioactive Waste Transportation and Disposal

Chad Hyslop[1]

Abstract

US Ecology will present case studies on transportation and disposal of radioactive waste commonly encountered during production of crude oil and natural gas in the United States and Canada. The presentation will include information on the types of equipment, piping, debris, solids and liquids that commonly become contaminated with Naturally Occurring Radioactive Material (NORM), the isotopes of NORM most commonly encountered, with photos and case studies of typical projects from Canada, and the Bakken, Eagle Ford and Marcellus regions of the US. In addition, the presentation will discuss proper packaging and transport of NORM material in compliance with Canadian and US federal regulatory requirements. Transportation options and case studies by truck and rail will be reviewed. Finally, disposal options will be presented for US and Canadian material at varying levels of radiological activity.

[1]US Ecology, International Programs Manager, Director of Sales - West.

Chad Hyslop is Director of Sales – West and International Programs Manager for US Ecology. Chad manages radioactive materials projects in the Western portion of the United States, and has specific experience with dozens of projects over many years in the Bakken Region of ND. In addition, Chad has managed NORM remediation, transportation, import-export and waste disposal projects in Canada, Australia, the Middle East and other foreign locations. US Ecology is a North American environmental services company with over 2,000 employees that operates 6 hazardous and radioactive waste landfills in Canada and the US, along with 13 treatment facilities, 23 service centers and operates a fleet of truck and rail equipment.