

Tesoro's Sustainable Remediation Program: Current and Future Sustainability Considerations and Interplays

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Background/Objectives. The Tesoro Remediation Team has a culture of continuous improvement that extends across its remediation portfolio. Incorporating sustainability thinking into remediation projects has been a logical next step to reduce the program's environmental footprint, inform more holistic decision making, improve community and stakeholder relations and significantly reduce costs while optimizing spend. The team is therefore instituting and rolling out a sustainable remediation program across the portfolio. This program includes a check and adjust process to track and improve sustainability performance of sites as they move forward.

Approach/Activities. Tesoro has developed a process to assess sustainability performance for its portfolio of remediation sites using quantitative and qualitative measurements of key indicators that align with its Corporate sustainability goals. The company has performed sustainable remediation pilot assessments for a subset of sites to better understand overall sustainability impacts and the interaction between different sustainability indicators at each site. The results of the pilots are being summarized in sustainability dashboards that concisely and visually present a cost-benefit analysis, the benchmarking of sustainability performance relative to Tesoro's Corporate performance, and evaluations for key sustainability indicators. By the end of 2016, dashboards will have been created for over 10 sites. Data from the site-specific dashboards are also being rolled up to capture sustainability impacts and benefits at a portfolio level.

The presentation will discuss the overall sustainable remediation evaluation and roll up process at Tesoro, then focus on one of the sites in the pilot program and describe how sustainability became part of the decision making process, both internally and working with external stakeholders and regulators.

Results/Lessons Learned. Using a standardized, value-based approach has enabled sustainability data to be collected and analyzed efficiently and has led to more effective site benchmarking. Early on, the team realized the importance of demonstrating the cost benefits of sustainability. The program is evolving such that dashboards are now being developed proactively to compare the sustainability attributes of different remedies to better inform feasibility assessments. Buy in to the program is also being achieved within Tesoro and externally with regulators and other stakeholders.