

Expansion of PTRCB Categories for Unit Cost Structure and Reimbursement

PROCESS IMPROVEMENT SUBGROUP

Montana Tanks Stakeholder Workgroup

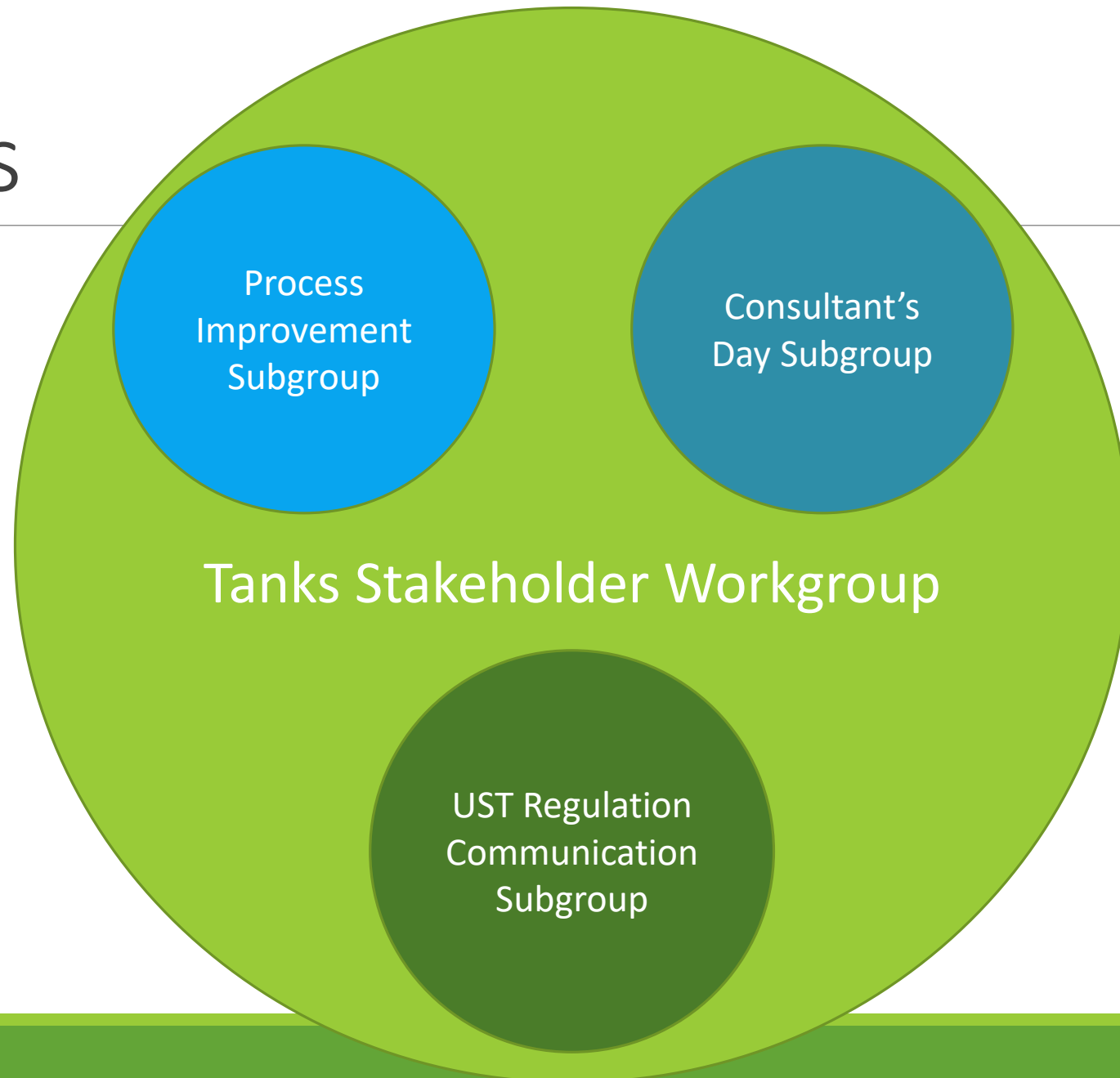
What is it?

Charter (goals, scope, members)

Began meeting monthly in May 2019

In July 2019 organized three subgroups

Subgroups



Process Improvement Subgroup (PISG)

Brad Longcake, Montana Petroleum Marketers Association

Alan Stine, Olympus Technical Services, Inc.

Jim Rolle, West Central Environmental Consultants, Inc.

Amy Steinmetz, DEQ Petroleum Tank Cleanup Section

Terry Wadsworth, Petroleum Tank Compensation Board

Reed Miner, DEQ Petroleum Tank Cleanup Section

What Are We Trying To Do?

Goal—Accelerate the remediation and closure of LUST sites.

Objective - Improve Processes Used by Owner, PTCS, PTRCB, and Consultant

Tasks

- Update standardized procedures for sampling, field activities, and reporting. Require that they be used at all sites.
- Improve process for developing unit costs so that it is more robust and can pass statistical scrutiny.
- Clarify the business process for work plan review and approval. Establish clear PTCS and PTRCB roles.

What Have We Done?

Began meeting in August and have met about every other week since then.

Have primarily looked at the standardized procedures for groundwater sampling/reporting and remedial investigation reporting.

Groundwater Monitoring Categories

Monitoring Setup (unit cost/day)

Static Water Levels – No Sampling (cost/well)

Sampling

- Shallow Well (<25 feet TD)
 - Peristaltic Pump (cost/well)
 - Bladder Pump (cost/well)
- Deep Well Categories - Bladder Pump
 - 25-50 feet TD (cost/well)
 - 50-75 feet TD (cost/well)
 - 75-100 feet TD (cost/well)

Groundwater Monitoring Categories, Continued

Sampling, continued

- No Purge (cost/well)

Low Yield Modifier – base cost applied per well to low yield sites to cover extra time for sample collection (cost/well)

- Feedback on how to identify those sites.

IBI Modifier (cost/well) – base cost applied per well to cover extra time for collection of samples for IBI analyses

Groundwater Monitoring Reporting Categories

- Base Reporting Cost – one monitoring event, up to 10 wells. Includes data tables, figures showing well locations, data validation, and COC isocontours.
- RCP Preparation
- Event Modifier – additional reporting costs for each additional monitoring event included in the report
- IBI Modifier – additional cost for each event where IBIs are collected
- Number of Wells Modifier – additional cost for sites with greater than 10 monitoring wells

Remedial Investigation Categories

Tier 1 Remedial Investigation Report

Includes reporting for one event, up to 10 borings/monitoring wells and associated soil sampling, one groundwater monitoring event (includes IBIs), basic receptor survey.

- Follow DEQ standard RI report format with data tables, figures showing well locations, and isocontours of COCs and IBIs.

Remedial Investigation Categories

Tier 2 Remedial Investigation Report

If additional phases or unique tasks are needed the base cost for the RI report is amended by adding reporting costs for each of the additional components. The cost for each component is additive to the base report cost.

- Interim data submittals – to include data tables, figures, boring logs, etc.
- RCP Preparation / RCP Update
- VI investigation, to include soil gas survey
- LIF/MIP investigation
- Aquifer testing
- Utility corridor investigation
- Remedial technology pilot test
- Pilot tests

How Will We Move Forward?

Survey Monkey

- Feedback on the groundwater sampling and remedial investigation categories
- What other issues would you like to see the Process Improvement Subgroup work on?



Compile and analyze results

Finalize groundwater sampling and remedial investigation categories

Moving Forward, Continued

Once the categories are finalized, will assist PTRCB in developing costs for them

Will look at three approaches

- Glean data from the existing PTRCB database
- Send out a survey to consultants, similar to the current process for labor and equipment/materials rates
- Review level of effort based on each group's experience to develop estimated costs

Questions and Discussion
