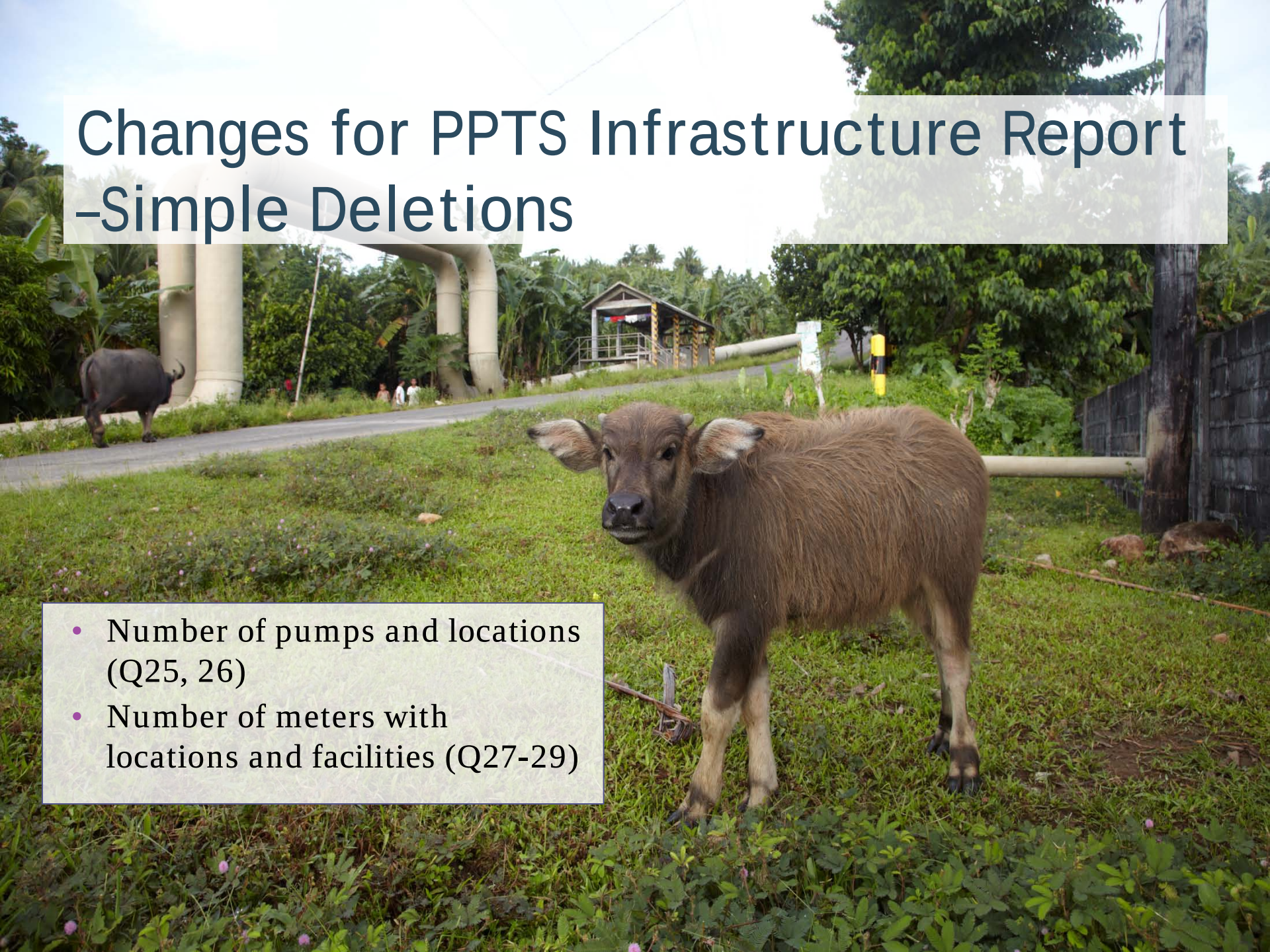
2014 PPTS Infrastructure Report Changes

PPTS Workshop
Houston, TX
January 27, 2015

Initial Survey Poll - Initiated June 2013

- Meant to solicit feedback on the performance of the form.
  - What data fields are the most problematic to compile/populate?
  - What fields are least problematic?
  - What fields have the most accurate data?
  - What data fields are the most *squishy?*
  - What data is the most useful for your internal programs?
  - What data is the hardest to collect?
  - ...etc

Changes for PPTS Infrastructure Report –Simple Deletions



- Number of pumps and locations (Q25, 26)
- Number of meters with locations and facilities (Q27-29)

Changes for 2014 PPTS Infrastructure Report – Jurisdictional tankage

Old Version

Tanks for handling transported commodity, whether under PHMSA jurisdiction or not	DOT Regulated	Non-DOT Regulated
18. Total number of atmospheric storage tanks (tanks operated at atmospheric pressure)		
19. Total number of low pressure storage tanks (tanks operated at pressures up to 15 psig)		
20. Total number of high pressure storage tanks (those used for storing HVLs)		
21. Total number of any other storage tanks not meeting the definitions of Lines 18, 19 & 20		
22. Total number of cavern or other below ground storage facilities (excluding sumps)		
23. Total number of crude tank locations.		
24. Total number of refined products tank locations.		

New Version

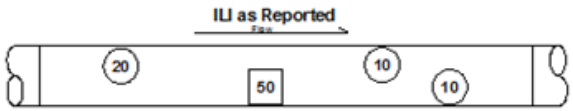
Commodity Group	Total # of Tanks <= 50K bbls		Total # of Tanks 50K < > 100K bbls		Total # of Tanks 100K < > 150K bbls		Total # of Tanks > 150K bbls		Total # of Tanks (CALCULATED)
	DOT	Non-DOT	DOT	Non-DOT	DOT	Non-DOT	DOT	Non-DOT	
18. Crude Oil									
19. Refined and/or Petroleum Product (non-HVL)									
20. HVL									
21. CO_2									
22. Fuel Grade Ethanol (dedicated system)									
23. Total number of cavern or other below ground storage facilities									
24. Total number of crude tank locations.									
25. Total number of refined product tank locations.									

Changes for 2014 Infrastructure Report – Inspection Mileage Tool Selection

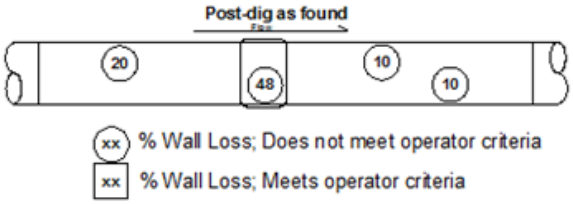
Old Version	New Version
32. Mileage inspected using corrosion or metal loss tool	33. Mileage inspected using caliper tool
33. Mileage inspected using dent or deformation tool	34. Mileage inspected using deformation tool
34. Mileage inspected using crack or long seam defect detection tool	35. Mileage inspected using Axial MFL tool
35. Mileage inspected using any other internal inspection tool	36. Mileage inspected using Circumferential MFL tool
	37. Mileage inspected using Helical MFL tool
	38. Mileage inspected using Residual Field MFL tool
	39. Mileage inspected using UT body wall thickness (straight beam) tool
	40. Mileage inspected using UT crack (angle beam) tool
	41. Mileage inspected using EMAT tool
	42. Mileage using CPCM tool
	43. Mileage inspected using leak detection technology (e.g., smart ball)
36. Total mileage inspected in calendar year using in-line inspection tools (Line 32 + 33 +34 +35 = Line 36)	44. Mileage inspected using any other in-line inspection technology
	45. Total Mileage inspected in calendar year using in-line inspections on DOT and Non-DOT lines

Counting Anomalies and Repairs for Report

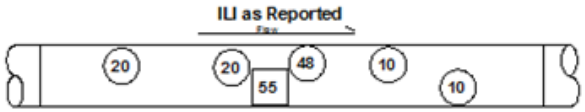
Scenario 1: The ILI report shows four anomalies, one of which meets the operator's criteria. **Answer to Q46 is 1.**



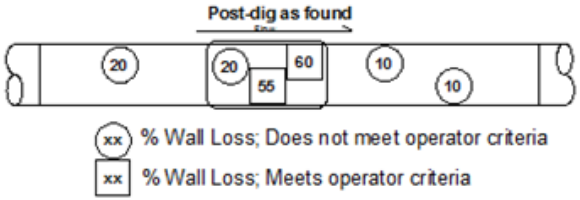
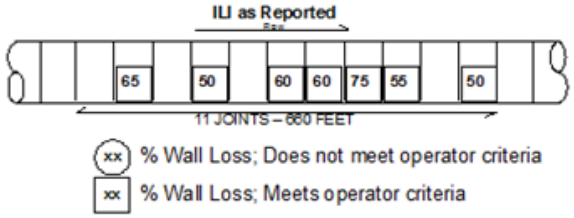
Once dug, the joint shows that the target anomaly does not meet the repair criteria of 50%. The dig was difficult however, so the operator repairs it anyway. **Answer to Q47 is 0.**



Scenario 2: The ILI report shows four anomalies, one of which meets the operator's criteria. **Answer to Q46 is 1.**



The ILI report under called one anomaly. The target anomaly (55%) the under called anomaly (60%), and an anomaly not meeting criteria (20%) are repaired. **Answer to Q47 is 2.**



Scenario 3: The ILI report shows seven anomalies on 11 joints that meet the operator's criteria. **Answer to Q46 is 7.** It may be more efficient to replace all 11 segments with one cutout. In this instance, the operator may choose not to evaluate and document each of the actual anomalies. **Answer to Q47 is also 7.**