



#1 – Adel



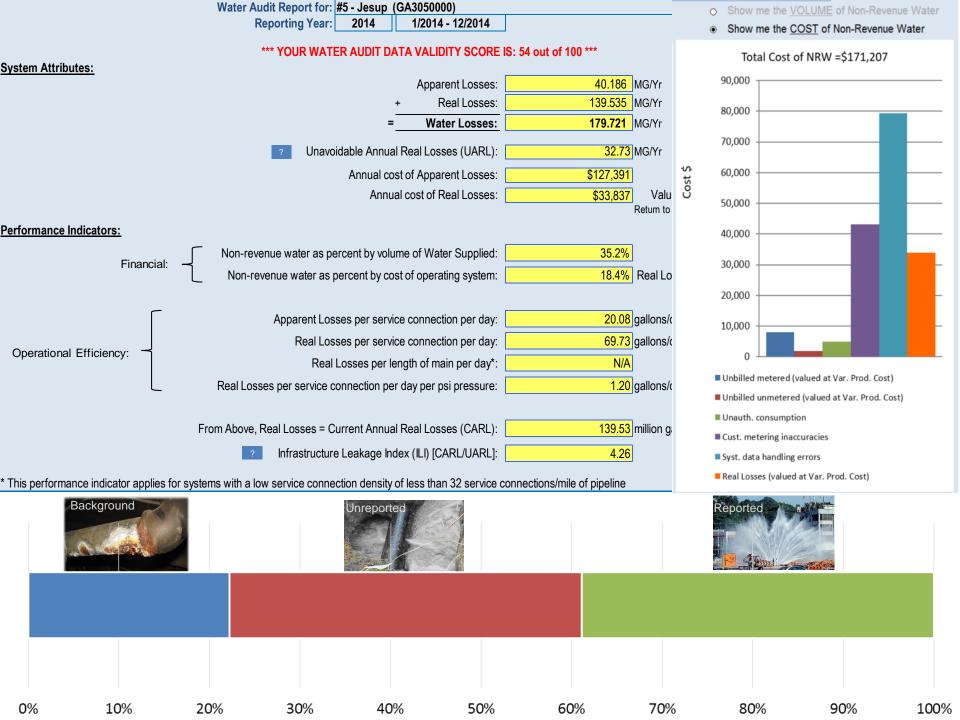
| Annual cost of Non-Revenue Water: \$ | |
|--|--|
| Data Validity Score: | |
| Your observations – are the metrics high, low, o | r in the middle? What else stands out? |
| Data Validity Score (scale of 100) | |
| Apparent Losses per service connection per day (t | ypical 4-40) |
| Real Losses per service connection per day (typica | I 20-200) |
| Real Losses per mile of main per day (typical 400-4 | 1000) |
| The top 1 to 3 focus areas should be: | The best tools to address those focus areas: |
| 1. | 1. |
| 1. | 1. |
| 2. | 2. |
| 3. | 3. |
| | |
| #2 – Cave | e Spring |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: | |
| Your observations – are the metrics high, low, o | r in the middle? What else stands out? |
| Data Validity Score (scale of 100) | |
| Apparent Losses per service connection per day (t | ypical 4-40) |
| Real Losses per service connection per day (typica | l 20-200) |
| Real Losses per mile of main per day (typical 400-4 | 1000) |
| The top 1 to 3 focus areas should be: | The best tools to address those focus areas: |
| 1. | 1. |
| 2. | 2. |
| 3. | |
| | 3. |

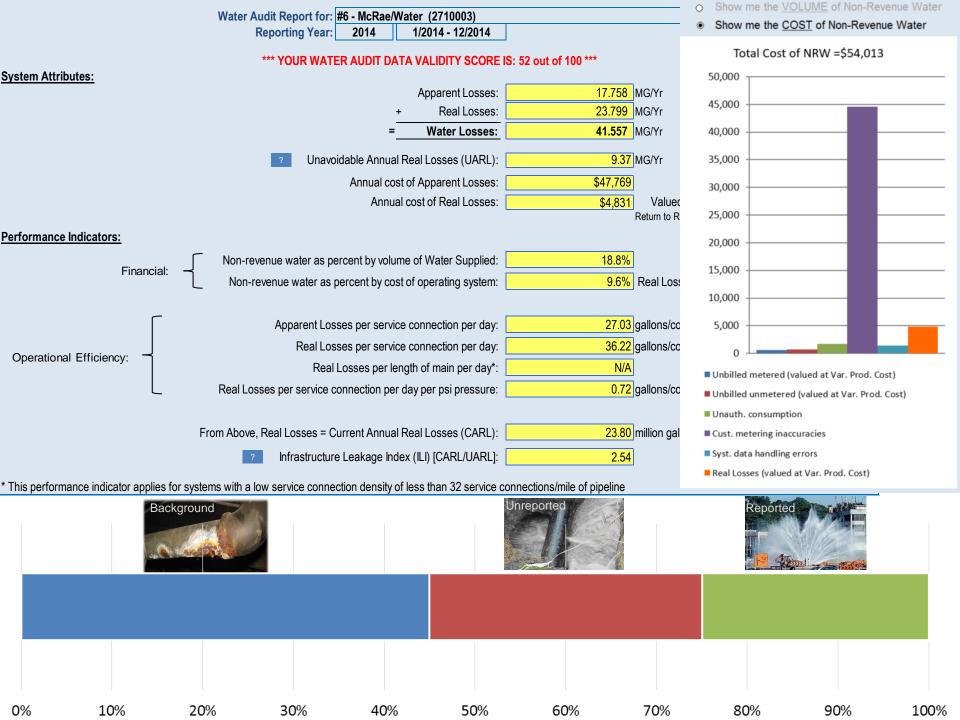


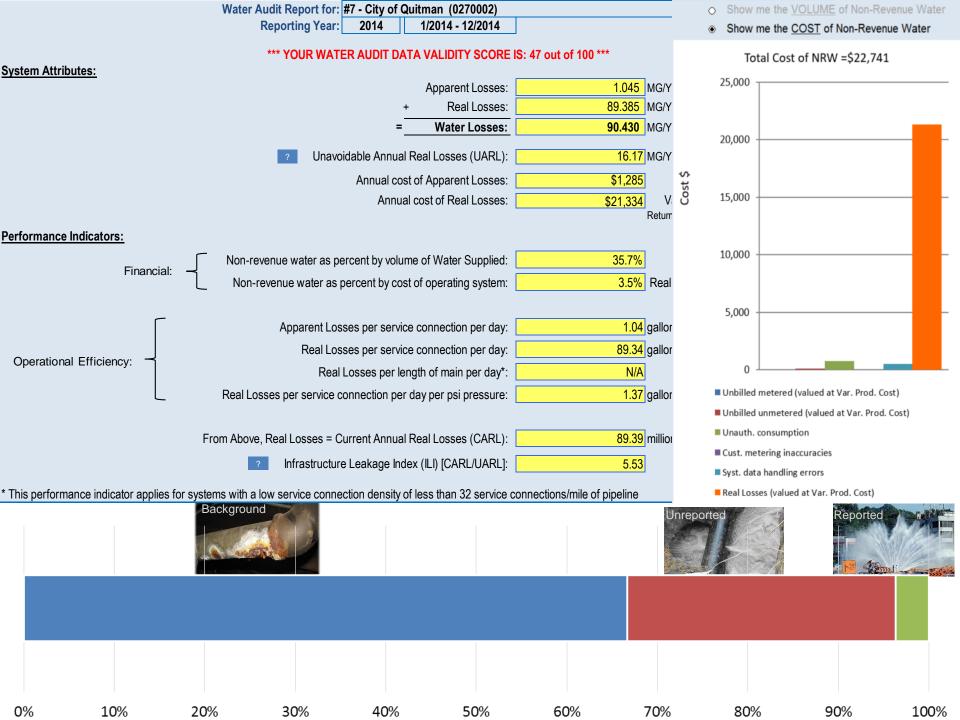
#3 – Dallas

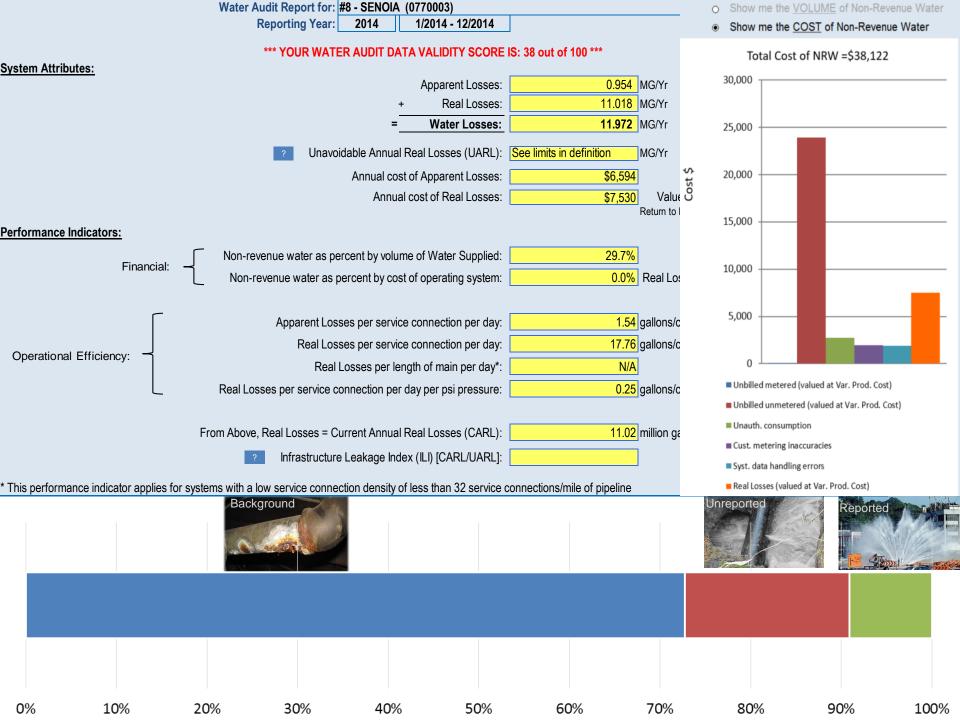


| Annual cost of Non-Revenue Water: \$ | |
|--|--|
| Data Validity Score: | |
| Your observations – are the metrics high, low, or | in the middle? What else stands out? |
| Data Validity Score (scale of 100) | |
| Apparent Losses per service connection per day (ty | pical 4-40) |
| Real Losses per service connection per day (typical | 20-200) |
| Real Losses per mile of main per day (typical 400-40 | 000) |
| The top 1 to 3 focus areas should be: | The best tools to address those focus areas: |
| 1. | 1. |
| 2. | 2. |
| 3. | 3. |
| | |
| #4 - H Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations – are the metrics high low or | |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations – are the metrics high, low, or | |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations — are the metrics high, low, or Data Validity Score (scale of 100) | in the middle? What else stands out? |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations – are the metrics high, low, or Data Validity Score (scale of 100) Apparent Losses per service connection per day (ty | in the middle? What else stands out? |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations — are the metrics high, low, or Data Validity Score (scale of 100) | in the middle? What else stands out? pical 4-40) 20-200) |
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| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations — are the metrics high, low, or Data Validity Score (scale of 100) Apparent Losses per service connection per day (ty Real Losses per service connection per day (typical Real Losses per mile of main per day (typical 400-46) | pical 4-40) 20-200) |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations — are the metrics high, low, or Data Validity Score (scale of 100) Apparent Losses per service connection per day (ty Real Losses per service connection per day (typical Real Losses per mile of main per day (typical 400-40) The top 1 to 3 focus areas should be: | pical 4-40) 20-200) The best tools to address those focus areas: |











#5 - Jesup



| Annual cost of Non-Revenue Water: \$ | | | |
|--|---|--|--|
| Data Validity Score: | | | |
| Your observations – are the metrics high, low, or in the middle? What else stands out? | | | |
| Data Validity Score (scale of 100) | | | |
| Apparent Losses per service connection per day (typical 4-40) | | | |
| Real Losses per service connection per day (typical 20-200) | | | |
| Real Losses per mile of main per day (typical 400-4000) | | | |
| | | | |
| The top 1 to 3 focus areas should be: | The best tools to address those focus areas: | | |
| 1. | 1. | | |
| 2. | 2. | | |
| 2 | | | |
| 3. | 3. | | |
| #6 - McRae | | | |
| #6 - N | McRae | | |
| #6 - N Annual cost of Non-Revenue Water: \$ | McRae | | |
| | McRae | | |
| Annual cost of Non-Revenue Water: \$ | | | |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: | | | |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations – are the metrics high, low, o | or in the middle? What else stands out? | | |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations – are the metrics high, low, o Data Validity Score (scale of 100) | or in the middle? What else stands out? Typical 4-40) | | |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations — are the metrics high, low, of Data Validity Score (scale of 100) Apparent Losses per service connection per day (type) | or in the middle? What else stands out? Special 4-40) 1 20-200) | | |
| Annual cost of Non-Revenue Water: \$ Data Validity Score: Your observations — are the metrics high, low, of Data Validity Score (scale of 100) Apparent Losses per service connection per day (typical Real Losses per mile of main per day (typical 400-4) | or in the middle? What else stands out? Special 4-40) 1 20-200) | | |
| Annual cost of Non-Revenue Water: \$ | ypical 4-40) 1 20-200) The best tools to address those focus areas: | | |
| Annual cost of Non-Revenue Water: \$ | ypical 4-40) 1 20-200) The best tools to address those focus areas: 1. | | |
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#7 - Quitman



| Annual cost of Non-Revenue Water: \$ | |
|--|---|
| Data Validity Score: | |
| Your observations – are the metrics high, low, or | in the middle? What else stands out? |
| Data Validity Score (scale of 100) | |
| Apparent Losses per service connection per day (ty | pical 4-40) |
| Real Losses per service connection per day (typical | 20-200) |
| Real Losses per mile of main per day (typical 400-40 | 000) |
| | |
| The top 1 to 3 focus areas should be: | The best tools to address those focus areas: |
| 1. | 1. |
| 2. | 2. |
| 3. | 3. |
| J. | J. |
| #8 - Se | enoia |
| Annual cost of Non-Revenue Water: \$ | |
| Data Validity Score: | |
| Your observations – are the metrics high, low, or | in the middle? What else stands out? |
| Data Validity Score (scale of 100) | |
| , , , | |
| Apparent Losses per service connection per day (ty | pical 4-40) |
| | |
| Apparent Losses per service connection per day (ty | 20-200) |
| Apparent Losses per service connection per day (ty Real Losses per service connection per day (typical | 20-200) |
| Apparent Losses per service connection per day (ty Real Losses per service connection per day (typical Real Losses per mile of main per day (typical 400-40 | 20-200) |
| Apparent Losses per service connection per day (ty Real Losses per service connection per day (typical Real Losses per mile of main per day (typical 400-40). The top 1 to 3 focus areas should be: 1. | 20-200) The best tools to address those focus areas: 1. |
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| The Toolbox (Basic) | Helps to Address | Level of Cost |
|--|--------------------------------------|---------------|
| 1 - Validation of supply & consumption volumes | Low Data Validity Score, Gremlins | Low-Mid |
| 2 - Estimating and tracking unmetered use | Validity, Unmetered Use | None-Low |
| 3 - Installing meters on unmetered connections | Unmetered Use | Mid |
| 4 - Billing system audit | Systematic Data Handling Errors | Low-Mid |
| 5 - Meter testing & replacement | Customer metering inaccuracy | Mid-High |
| 6 - Unidirectional flushing program | Unbilled unmetered | Low |
| 7 - Acoustic leak survey | Unreported leakage | Mid |
| 8 - Improve speed/quality of repairs | Unreported, Reported leakage | Low |
| 9 - Locate & eliminate pressure transients (surges, hammers) | All 3 types of leakage | Low-Mid |
| 10 - Reduce peak and overall pressure | All 3 types of leakage | Mid-High |