Figure 1. Round 1 HPR 1 and 2
December 3, 2015

HPR 1: Garst Road, east of Norseman Drive near Terminal Reservoir
December 3, 2015

Note:
- Error bars indicate a ±5 psi differential.

HPR 2: La Loma Avenue, west of Buena Vista
December 3, 2015

Note:
- Error bars indicate a ±5 psi differential.
Figure 2. Round 1 HPR 3 and 4  
December 3, 2015

**HPR 3: Road, along west side of Oakdale south of Surrey Avenue**

Note: - Error bars indicate a ±5 psi differential.

**HPR 4: Summer Road, south of Sylvan Avenue & north of Misty Lane**

Note: - Error bars indicate a ±5 psi differential.
Figure 3. Round 1 HPR 5 and 8
December 3, 2015

HPR 5: Floyd Avenue, south east corner of intersection of Oakdale Road & Floyd Avenue

Note:
- Error bars indicate a ±5 psi differential.

HPR 8: Coffee Road, south of Mable Avenue & north of Grand Prix Drive

Note:
- Error bars indicate a ±5 psi differential.
Figure 4. Round 1 HPR 11 and 12
December 3, 2015

HPR 11: West Hatch Road, east of South Carpenter Road

Note:
- Error bars indicate a ±5 psi differential.

HPR 12: Morse Road, near intersection of Morse Road & Lahontan Drive

Note:
- Error bars indicate a ±5 psi differential.
Figure 5. Round 1 HPR 13 and 14
December 3, 2015

HPR 13: West Orangeburg Avenue, east of Carver Road along north side of Orangeburg

Note:
- Error bars indicate a ±5 psi differential.

HPR 14: Marsha Court, west of Nicks Way

Note:
- Error bars indicate a ±5 psi differential.
Figure 6. Round 1 HPR 15 and 16
December 3, 2015

HPR 15: Sisk Road, at intersection of Earl Street

Note:
- Error bars indicate a ±5 psi differential.

HPR 16: Virginia Corridor Easement, east of Semallon Drive & north of Cottonwood Court

Note:
- Error bars indicate a ±5 psi differential.
Figure 7. Round 1 HPR 17 and 18
December 3, 2015

HPR 17: Prescott Road, at intersection of Bangs Avenue

Note:
- Error bars indicate a ±5 psi differential.

HPR 18: Dale Road, along east side of Dale south of Nightingale Drive

Note:
- Error bars indicate a ±5 psi differential.

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Figure 8. Round 1 HPR 19 and 20
December 3, 2015

HPR 19: Toomes Road, at intersection of Bacon Road

Note:
- Error bars indicate a ±5 psi differential.

HPR 20: Sungold Drive, south of Sun Down Plane & north of Sun Kist Court

Note:
- Error bars indicate a ±5 psi differential.

0 10 20 30 40 50 60 70 80 90 100
0 3 6 9 12 15 18 21 24
Pressure (psi) Time (hour)
HPR  MODEL

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Figure 9. MID Tank Comparison
December 3, 2015

Pump Flow and Pressure Comparison

- Error bar for pressure is 5 psi.
Figure 10. Tank 3 Comparison
December 3, 2015

Pump Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Tank Level Comparison

- SCADA Tank Level
- Model Simulated Tank Level
- Tank Overflow Level

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Figure 11. Tank 4 Comparison  
December 3, 2015

Pump Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Total Flow (gpm)

Time (hour)

SCADA Flow  Model Simulated Flow  SCADA Discharge Pressure  Model Discharge Pressure

Tank Level Comparison

SCADA Tank Level  Model Simulated Tank Level  Tank Overflow Level

Time (hour)

Tank Level (feet)
Figure 12. Tank 5 Comparison
December 3, 2015

Pump Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Tank Level Comparison

SCADA Tank Level  Model Simulated Tank Level  Tank Overflow Level
Figure 13. Tank 6 Comparison
December 3, 2015

Pump Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Time (hour)

Total Flow (gpm)

Pressure (psi)

Tank Level Comparison

Tank Level (feet)

Time (hour)

- Error bar for pressure is 5 psi.
Figure 14. Tank 7 Comparison
December 3, 2015

Pump Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Tank Level Comparison

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Figure 15. Tank 8 Comparison
December 3, 2015

Pump Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Tank Level Comparison

- SCADA Tank Level
- Model Simulated Tank Level
- Tank Overflow Level

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Figure 16. Tank 10 Comparison
December 3, 2015

Pump Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Tank Level Comparison
Figure 17. Tank 12 Comparison
December 3, 2015

Pump Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Tank Level Comparison

SCADA Tank Level  Model Simulated Tank Level  Tank Overflow Level
Figure 18. Well 25 and 41
December 3, 2015

Well 25: Flow and Pressure Comparison
- Error bar for pressure is 5 psi.

Well 41: Flow and Pressure Comparison
- Error bar for pressure is 5 psi.

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Figure 19. Well 45 and 52
December 3, 2015

Well 45: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Well 52: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.
Figure 20. Well 54 and 58
December 3, 2015

Well 54: Flow and Pressure Comparison (Tank 4 Fill)

- Error bar for pressure is 5 psi.

Well 58: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

SCADA Flow  Model Simulated Flow  SCADA Discharge Pressure  Model Discharge Pressure

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Figure 21. Well 59 and 62
December 3, 2015

Well 59: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Well 62: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.
Figure 22. Well 65 and 212
December 3, 2015

Well 65: Flow and Pressure Comparison (Tank 5 Fill)

- Error bar for pressure is 5 psi.

Well 212: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.
Figure 23. Well 225 and 247
December 3, 2015

Well 225: Flow and Pressure Comparison

Well 247: Flow and Pressure Comparison

- Error bar for pressure is 5 psi
Figure 24. Well 278 and 279
December 3, 2015

Well 278: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Well 279: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.
Figure 25. Well 284 and 291
December 3, 2015

Well 284: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Well 291: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.
Figure 26. Well 292 and 297
December 3, 2015

Well 292: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

Well 297: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.
Figure 27. Well 310 and 312
December 3, 2015

Well 310: Flow and Pressure Comparison

- Error bar for pressure is 5 psi

Well 312: Flow and Pressure Comparison

- Error bar for pressure is 5 psi.

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