

## **PRE-FIELD: Whatcom County**

### **NOTED INTERFACE ISSUES**

1. 3219 Meridian St., Bellingham
2. 2731 Meridian & W. Illinois (SW Corner – Premier Wireless), Bellingham
3. Meter #218495 (Alley) Bellingham
4. Meter #654225 (Alley) Bellingham
5. SE Corner Champion St. & Prospect (in alcove) Bellingham
6. Meter #285394, Bellingham
7. 411 W. Holly St., Bellingham
8. Meter #631409, Bellingham to Ferndale line
9. Aldrich Rd. & Larrabee Rd., Bellingham
10. 5744 Ferndale, Ferndale (Ferndale Grain)
11. Meter #255793, Lynden (Alley N. of Front St.)
12. Meter #288723, Lynden (Alley N. of Front St.)
13. Judson St. Alley S. of Front St. Meter W. of Meter #255793, Lynden
14. Judson St. Alley S. of Front St., Lynden (Home Furnishings)
15. Judson St. Alley S. of Front St., Lynden Meter #186095

### **NOTED COATING /ATMOSPHERIC CORROSION ISSUES**

1. 2500 Meridian, Bellingham
2. 1411 Girard, Bellingham (Kentucky Fried Chicken)
3. 901 Dupont St., Bellingham (Dupont Cleaners)
4. Meter #292235, Bellingham
5. R-18 at James St., Bellingham
6. 5744 Ferndale, Ferndale (Ferndale Grain)
7. Alley N. of Front St., Lynden W. of Meter #179841
8. Judson St. Alley S. of Front St. E. of 511 Front St., Lynden (2 meter manifold)
9. Judson St. Alley S. of Front St., Lynden (Meter 648163)
10. Judson St. Alley S. of Front St., Lynden (11-12 meter manifold)
11. Aldrich Rd. & Larrabee Rd., Bellingham to Ferndale line
12. 3219 Meridian St., Bellingham
13. 2801 Meridian & W. Illinois NW Corner (Assoc. Implant & Cosmetic Dentistry), Bellingham
14. Meter #572694, Bellingham
15. 2615 Meridian, Bellingham
16. 2710 Meridian, Bellingham
17. Meter #616227, Bellingham
18. E. of Meter #292235, Bellingham
19. Meter 631409, Bellingham to Ferndale line
20. Aldrich Rd. & Larrabee Rd., Bellingham to Ferndale
21. Judson St. Alley S. of Front St. W. of Meter #255793, Lynden
22. R-25 – Support painted over - was support moved to inspect coating/pipe – *removed & corrected during inspection.*
23. Champion St. & Prospect SE Corner
  - a. Under pipe support
24. 523 Front St., Lynden Meter #585429
  - a. Tack-welded slipper for pipe support

25. Judson St. Alley S. of Front St., Lynden Meter #186095
  - a. Tack-welded slipper for pipe support
26. Judson St. Alley S. of Front St. W. of Meter #255793, Lynden
  - a. Welded slipper for pipe support

### **PARTIALLY BURIED/BURIED EQUIPMENT**

1. Meter #572694, Bellingham
2. Meter #'s 567104 & 281276, Bellingham (2 meter manifold)
3. Judson St. Alley S. of Front St. Meter #277375, Lynden

### **PARTIALLY BURIED/BURIED SERVICE VALVE**

1. Meter #572694, Bellingham
2. 411 W. Holly St., Bellingham
3. Judson St. Alley S. of Front St., Lynden (Home Furnishings)
  - a. Remote number 02 28858387

### **PROTECTION OF VENT OPENING** – Sideways Vent Orientation

1. 1411 Girard, Bellingham
  - a. No vent screen
2. 2014 C. St., Bellingham (Municipal Court Building)
3. Meter #220931, Bellingham
4. SE corner Champion St. & Prospect, Bellingham (in alcove)
5. Judson St. Alley S. of Front St., Meter 185109, Lynden

### **EQUIPMENT IDENTIFICATION**

1. Judson St. Alley S. of Front St. E. of 511 Front St., Lynden (2 meter manifold)
  - a. No unique number on either meter
  - b. No company identification label on either meter
2. Judson St. Alley S. of Front St., Lynden
  - a. No unique number on meter with magic marker written 415
  - b. No company identification label on meter with magic marker written 415
3. Judson St. Alley S. of Front St. Meter W. of Meter #255793, Lynden
  - a. No unique number on meter
  - b. No company identification label on meter
4. Judson St. Alley S. of Front St., Lynden (Remote skew #02 28858387)
  - a. No company identification label on meter
5. Alley N. of Front St., Lynden (3 meter manifold)
  - a. No company identification label on Meter #406262

### **PROTECTION FROM DAMAGE**

1. Alley N. of Front St., Lynden Meter #179841
  - a. Door opens onto meter
2. Alley N. of Front St. W. of Meter #179841, Lynden
  - a. Meterless riser in tree trunk
3. Meter #220931, Bellingham
  - a. Trash bin pushed onto regulator

4. Alley N. of Front St., Bellingham Meter #592972
  - a. Riser over-extended without support
  - b. Bent due to customer install of loading/storage structure
5. Judson St. Alley S. of Front St., Lynden
  - a. 11-12 meter manifold supported by ¾" riser – no independent support of equipment
6. Alley N. of Front St., Lynden Meter #467842
  - a. Potential condensate/icing issues from exhaust vent w/near zero clearance to meter casing

## **NO PROCEDURE**

1. No procedure for completing leak survey of overhead service equipment/meter sets
2. No procedure for emergency access to Olympic Refinery without safety orientation.

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### **06.10.09 Sunny 75 F**

#### ***Bellingham***

1. 3219 Meridian St.
  - a. 2 Photo
  - b. Bad Wrap
  - c. Atmospheric Corrosion – check last A/C inspection
  - d. CP -0.79 in asphalt
2. 2801 Meridian & W. Illinois (NW Corner – Assoc. Implant & Cosmetic Dentistry)
  - a. 1 Photo
  - b. Atmospheric Corrosion – check last A/C inspection
  - c. CP-0.94
3. 2731 Meridian & W. Illinois (SW Corner – Premier Wireless)
  - a. 1 Photo
  - b. No interface
  - c. CP-0.982
4. Meter # 218495 (Alley)
  - a. No interface
  - b. Native CP read – in asphalt
5. Meter # 654225 (Alley)
  - a. No interface
  - b. Native CP read
6. Meter # 572694
  - a. Partially buried Meter & valve
  - b. Atmospheric Corrosion – check last A/C inspection
  - c. CP-0.94
7. 2615 Meridian
  - a. 1 Photo
  - b. Atmospheric Corrosion – check last A/C inspection
  - c. Fenced so unable to obtain CP read
  - d. Located below exhaust vent? w/vent in contact with Reg.
8. 2710 Meridian
  - a. 1 photo
  - b. Behind tree in fenced area – check last leak survey & atmospheric corrosion inspection
9. Meter # 616227
  - a. Check last atmospheric corrosion inspection
10. Meter #'s 567104 & 281276 (manifold)

- a. Photos
  - b. Both meters partially buried
  - c. CP-0.935
11. 2400 Monroe St.
  - a. SGS – Underground piping
12. 2500 Meridian
  - a. Damaged wrap
13. 1411 Girard (Old Kentucky Fried Chix)
  - a. 3 Photos
  - b. CP-1.085
  - c. Sideways vent orientation
  - d. No vent screen
  - e. Damaged wrap
14. 901 Dupont St. (Dupont Dry Cleaners)
  - a. 1 Photo
  - b. Damaged wrap
  - c. A/C issues
  - d. CP-1.01
15. 2014 C St. (Municipal Court Building)
  - a. Photos
  - b. Sideways vent
  - c. CP-0.891
16. 311 Central Ave. (Sheriff's Dept.)
  - a. CP-1.218
  - b. SGS – underground piping
17. Meter # 220931
  - a. Sideways vent
  - b. Trash bin pushed onto Reg. – protection issue
18. SE corner Champion St. & Prospect (in alcove)
  - a. A/C at interface
  - b. No interface wrap
  - c. Sideways vent
  - d. Steel supports not adjustable – how inspect pipe under supports?
19. Meter # 285394
  - a. No interface wrap
20. Meter # 292235
  - a. Damaged wrap
  - b. Primed – never painted (atmospheric corrosion on primed area)
    - i. Primed not painted not in conformance with CNG procedures
21. E. of Meter # 292235
  - a. 2 Photos
  - b. Under stairs in locked area
  - c. Bad A/C – check last A/C inspection
22. Meter # 413593 (meter manifold)
  - a. Customer bonding w/#8? Stranded wire – draped to touch casing?
  - b. Reported leak – Svcman called back stated leak on spud. 888.522.1130 2:35P 06.10.09
23. 411 W. Holly St.
  - a. Photos
  - b. No interface – riser in concrete
  - c. Buried valve
  - d. Meter # 633735

06.24.09 Overcast/Rain/Wet +/- 65 F  
Bellingham

Issues for #24 & #25: Leak Survey  
R/W  
Patrolling  
Surveillance

24. Transmission xing @ Deemer Rd. N. of Prince Ave.
  - a. 5 Photos
    - i. #77 Overgrown w/BB & veg. looking E at Deemer Rd.
    - ii. #76 Overgrown w/BB & veg. looking W at Deemer Rd.
    - iii. #75 Overgrown w/BB & veg. looking E of 1<sup>st</sup> marker W of Deemer Rd.
    - iv. #74 Overgrown w/BB & veg. looking W toward 2<sup>nd</sup> marker W of Deemer Rd.
    - v. #73 Overgrown w/BB & veg. looking W of 1<sup>st</sup> marker W of Deemer Rd.
  - b. Unable to complete leak survey over T-main due to dense veg.
25. James St. Reg. Sta. R-154
  - a. No marker visible directly outside fence W of Sta. gate.
  - b. Only 1 marker (valve) visible directly S. of Sta. – No other visible markers to or across Bakersview – all rural area
  - c. 1 Photo
    - i. #72 Valve – V-74
  - d. No markers at fence or near fence at water tower – James Rd.
    - i. No idea where T-main is on James Rd. or at water tower
26. R-19 at James St. & Telegraph SE corner
  - a. Fairly newly painted
27. R-18 at James St.
  - a. Interface issues on both sides of open concrete vault
  - b. Wrap disbanded both sides of open concrete vault
  - c. Damaged wrap at recorder (not supports)
  - d. Appears to have severely skewed weld to live pipe at/from support legs
28. Regulator Sta. on James near PUD overgrown w/BB to E. R/W
  - a. 2 Photos
    - i. #69 A/C
    - ii. #68 A/C
  - b. CP -1.301
29. Markers OK @ T-main xing at fence W. side of Irongate Rd.
30. Irongate Rd. at Haines Lawn Care Driveway
  - a. Two photos
    - i. #67 looking W. at T-main R/W
    - ii. #66 looking E. at T-main R/W
      1. T-main located under large mulch piles and gravel driveway
      2. Heavy equipment driven and used directly over t-main
31. Haines Lawn Care
  - a. CP -0.765 to -0.775 at Farm Tap N. of Haines Building
  - b. Soil is very wet
32. 4145/4141 Bakersview Spur – Parking Lot
  - a. T-main under storage building
  - b. W. of this location markers at another building is dbl. cut reg directly at bldg. wall
33. 4116 Bakersview Spur

- a. Main appears to go under large concrete loading platforms
- b. Heavy equipment concentrated loading issues on T-main this location
- c. Field this location w/CNG
- 34. Regulator Station R-20
  - a. 1 Photo
    - i. #65 A/C issues
- 35. Regulator Station R-96 at James St.
  - a. Okay
- 36. Regulator Station R-127
  - a. Did not view any valves outside of station – station has bypass
- 37. T-main at river on E. side of James St.
  - a. No visible markers at this location S. of E. Orchard Dr.
  - b. Overgrown w/BB & veg.
  - c. 1 marker on W. side of James St. this location
  - d. Site visit this w/CNG
- 38. Squalicum at Orchard Pl.- Okay
  - a. No markers visible over T-main
  - b. Missing marker on N. side of RR Tracks
  - c. No noticeable brush lines cleared this location
  - d. Site visit T-main at Squalicum w/CNG
- 39. Squalicum & Meridian
  - a. No markers noted at T-main xing this location

**06.30.09 Clear/Sunny +/- 75 F**  
***Bellingham to Ferndale***

- 40. Meridian to Cordata Parkway
  - a. R/W just brushed – okay
- 41. Meter 631409
  - a. Damaged wrap
  - b. Surface corrosion
- 42. Regulator Station R-49
  - a. All below grade except relief vent
  - b. 2 vaults
    - i. Site visit this w/CNG for reads
  - c. Field the main from Eliza E. to Cordata
    - i. For leak survey purposes
    - ii. T-main appears to be all under brush
- 43. Aldrich Rd. & Mahogany Ave.
  - a. Farm Tap
  - b. CP -1.25
- 44. Aldrich Rd. & Larrabee Rd.
  - a. Farm Tap
  - b. Only primed never painted
  - c. Light corrosion
  - d. Not in accordance with CNG procedures
  - e. Damaged wrap & coating
  - f. CP -1.223
  - g. 3 Photos
- 45. Larrabee Rd. T-main
  - a. Markers not visible on Larrabee Rd. headed N. until 4509 Aldrich

46. T-main N. of 4825 Aldrich Rd.
  - a. No markers at new city street xing.
47. Regulator Station R-22
  - a. Porous foam insulation installed at interface all piping in this station
  - b. Pipe condition under foam insulation – provide coating details/provide details on pipe condition under foam
  - c. Field with CNG for read on pipe
48. Cased pipe at road xing for T-main at R-22
  - a. Field with CNG for read on casing
  - b. Bent vent pipe
49. T-main at Slater (pg. 16 my maps S. of HP main)
  - a. No markers both sides of RR tracks – gas main xing here?
50. Regulator Station R-84
  - a. Outlet leg CP -1.546
  - b. Inlet leg CP -0.34
  - c. Potential wall loss
  - d. 3 Photos
  - e. R/W cleared – okay
51. Imhof Rd. T-main
  - a. No markers visible on T-main btwn Ulrich Rd. & just S. of BP xing on Imhof Rd.
  - b. Down marker @ Imhof Rd. & Ulrich Rd.
  - c. 3 Photos
52. Regulator Station R-25
  - a. Station newly painted
    - i. Adjustable support not moved to inspect coating/pipe – just painted over

**06.30.09 Clear/Sunny +/- 75 F**  
**Ferndale**

53. 2269/2127 Poplar Dr.
  - a. Photo for gas company
54. 5735 Legoe Ave. – Ferndale Police Station
  - a. Potential SGS
  - b. Photo for gas company
55. Golden Eagle Dr. – Ferndale High School
  - a. Vocational Building – 1 photo of loop – overgrown
  - b. SGS? Who's responsibility for this set?
    - i. Leo Janitorial staff showed me greenhouse
    - ii. 4 Photos
    - iii. Bad shape – provide info to LDC to advise owner
      1. Check for CNG Letter for notification of maintenance of customer piping
56. 5744 Ferndale – Ferndale Grain
  - a. Construction of fence at industrial loop
  - b. Locates appear to be in place
  - c. No interface protection
  - d. Bare pipe on loop
  - e. 4 Photos
  - f. Customer requested information from Commission on Meter Calibration
    - i. ID'd to customer to contact CNG – stated he had this info
    - ii. Commission replied – Mike Parvinon contacted.
57. Inside Ferndale refinery Dead legs by Ferndale reg. sta.

- a. Dead legs still pressure containing.
- b. Check 3yr. Atmospheric
- c. Check leak surveys up to dead legs.

**07.15.09 Clear/Sunny +/- 75 F**  
**Lyndon**

- 58. Alley N. of Front St. Meter 179841
  - a. No protection from damage – Door opens onto meter
  - b. 1 Photo
- 59. Alley N. of Front St. – W. of meter 179841
  - a. Damaged wrap
  - b. Meterless riser in tree trunk
  - c. CP -1.496
- 60. Alley N. of Front St. – Meter manifold – meters 563126; 253903; and 406262
  - a. No label on Meter 406262
  - b. CP -1.443
- 61. Alley N. of Front St. Meter 193397
  - a. No interface
- 62. Alley N. of Front St. Meter 271429
  - a. SGS for this meter
- 63. Alley N. of Front St. Meter 229777
  - a. CP -0.899
- 64. Alley N. of Front St. Meter 609103
  - a. Okay
- 65. Alley N. of Front St. Meter 288273
  - a. No interface
  - b. CP -1.446
- 66. Alley N. of Front St. Meter 269142
  - a. Okay
- 67. Alley N. of Front St. Meter 592972
  - a. Bent riser – No protection from damage
  - b. Riser extended without support
- 68. Alley N. of Front St. Meter 585383
  - a. Vent directly adjacent to opening in building o- check regs/procedures
- 69. Alley N. of Front St. Meter 467842
  - a. Vent w/zero clearance on meter casing
  - b. Riser bent
- 70. Alley N. of Front St. Meter 580110
  - a. Overhead gas manifold – requires cherry picker/ladder to access
    - i. How does CNG inspect A/C coating
    - ii. Review last A/C inspection records
    - iii. Ask about other overhead equipment A/C inspections
    - iv. How check for leak survey?
    - v. Maintenance and operations special conditions identified in plans and procedures for overhead equipment situations
  - b. 1 Photo
- 71. Alley N. of Front St. Meter 285584 – US Post Office
  - a. CP-1.293
- 72. *NOTE: MANY CHURCHES THIS MUNICIPALITY – CHECK HO RECORDS & LEAK SURVEY RECORDS*



73. Judson St. Alley S. of Front St. – Meterless riser W. of Public Works Building
  - a. Unable to obtain CP read
  - b. Isolated service?
74. Judson St. Alley S. of Front St. – Next riser E. of above meterless riser in fenced area
  - a. Unable to obtain CP read
  - b. Isolated service?
  - c. SGS for meters 591402 & 277037
75. Judson St. Alley S. of Front St. Meter 277375
  - a. Meter partially buried
76. 523 Front St. Meter 585429
  - a. Barked wrap
  - b. Tack-welded manifold supports
    - i. Unable to inspect coating
  - c. 3 Photos
77. Judson St. Alley S. of Front St. Meter 185109
  - a. Sideways Vent
  - b. Installed under open stairs
  - c. No access/extremely difficult access for ops/maintenance of equipment
78. Judson St. Alley S. of Front St. Meter 648163
  - a. Welding of support creates A/C and coating inspection issues
  - b. Don't understand welding configuration from a pressure perspective
79. Judson St. Alley S. of Front St. E. of 511 Front St. – 2-meter manifold
  - a. No unique numbers on either meter
  - b. No Identification label on either meter
  - c. Coating disbondment
  - d. A/C issues
80. Judson St. Alley S. of Front St. Meter 186095
  - a. Coating disbondment @ interface
  - b. A/C at pipe support slipper
81. Judson St. Alley S. of Front St.
  - a. No unique numbers on meter with magic marker written 415
  - b. No identification label on meter with magic marker written 415
  - c. Wrap damaged and loose
  - d. 12 meter manifold on ¾" riser
    - i. Not independently supported – required customer piping for support of equipment
82. Judson St. Alley S. of Front St. Meter E. of 281369
  - a. 1 Photo for gas company
  - b. Enclosed inside fence and behind very large dumpster
83. Judson St. Alley S. of Front St. Meter W. of meter 255793
  - a. No unique numbers on meter
  - b. No identification label on meter
  - c. Welded slipper for support attachment
    - i. A/C issues
    - ii. No interface protection
84. Judson St. Alley s. of Front St. Home Furnishings
  - a. No meter label on meter
  - b. No unique numbers on meter
  - c. Touch Pad skew number 02 28858387
  - d. Buried valve
  - e. No interface coating