



2009 Maintenance Conference Call

Monday March 02, 2009

2:00 – 4:00 PM MDT

Call In # 1-866-608-9455 Passcode 8015846728



Agenda



- > Welcome
- > Maintenance Overview – Pete Richards, Director Gas Management & Control
- > Integrity/Pigging Overview – Sergio Limon, Manager Pipeline Integrity



Maintenance Overview

Pete Richards, Director Gas Management & Control



Steps to Minimize Impacts to Customers



- > Consolidate maintenance
- > Work multiple crews in the same corridor
- > Surgical approach to anomaly digs
- > Stopple/Bypass when feasible or necessary to maintain service
- > Utilize storage, linepack and OBA flexibility
- > Keep weekend and monthly trading blocks whole as much as possible
- > Minimize schedule changes and communicate any changes as soon as possible

Maintenance Impact Projects



2009 IMPACT PROJECTS (AS OF 2/24/09)

Start Date	End Date	Potential Cut Point	Design Capacity MDth/d	Available Capacity MDth/d	Direction	Description/Location	Estimated Capacity Reduction for the Gas Day MDth/d
4/23/2009	4/24/2009	Lava C/S	648	518	N	Lava - Pocatello C/S Loop Facility Mods	130
5/7/2009	5/8/2009	Lava C/S	648	578	N	Lava Annual Solar Inspection AND Fuel Gas/Evac Modifications.	70
5/11/2009	5/15/2009	Muddy Creek C/S	652	561	N	Muddy Creek Unit #1 Annual Inspection	91
5/11/2009	5/22/2009	Soda Springs C/S	651	580	N	Soda Springs Unit #4 Annual Inspection	71
5/12/2009	5/13/2009	Burley C/S	593	551	N	Burley Compressor Annual Solar Inspection	42
5/18/2009	5/20/2009	Muddy Creek C/S	652	561	N	Muddy Creek Unit #2 Annual Inspection	91
5/19/2009	5/20/2009	La Plata B C/S	348	319	S	La Plata Compressor Annual ESD and Bore Scope	29
6/1/2009	6/3/2009	Soda Springs C/S	651	478	N	Soda Springs - Lava C/S Facility Mods	173
6/2/2009	6/10/2009	Plymouth C/S	546	492	N	Plymouth - Meacham C/S Facility Mods	54
6/8/2009	6/9/2009	Soda Springs C/S	651	391	N	Soda Springs - Lava C/S Loop Facility Mods	260

Maintenance Impact Projects (Cont)



2009 IMPACT PROJECTS (AS OF 2/24/09)

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6/29/2009	6/29/2009	Willard C/S	533	0	W	Skamania- Replace 475' of 26" Mainline	533
8/11/2009	8/12/2009	Caldwell C/S	451	360	N	Caldwell Loop Reclassification Project (Boise #2)	91
8/17/2009	8/21/2009	Roosevelt C/S	544	498	W	Roosevelt C/S ESD and Annual Maintenance	46
8/24/2009	8/28/2009	Baker C/S	444	414	N	Baker C/S, Unit 1, 2, 3 and 4, 8600 hr Inspection	30
8/31/2009	9/4/2009	Caldwell C/S	451	398	N	Caldwell C/S, Unit 2, 3 and 4, 8600 Hr Inspection	53
9/14/2009	9/18/2009	Caldwell C/S	451	429	N	Caldwell Hydro Test 5016' Feet of Mainline (Boise #4)	22
10/3/2009	10/9/2009	Jackson Prairie Storage Facility	N/A	N/A	N/A	Jackson Prairie Annual Testing	Facility Shut-In
10/12/2009	10/16/2009	Caldwell C/S	451	417	N	Caldwell Mainline Reclassification Project (Boise #1)	34
10/12/2009	10/16/2009	Caldwell C/S	451	417	N	Caldwell Hydro Test 1.08 Miles of Mainline (Boise #3) This outage is expected to be mitigated by the Boise#1 Outage	34

- > Northwest's complete 2009 maintenance schedule can be found on the website at www.northwest.williams.com

- > Maintenance Schedule Changes
 - Updates are posted as soon as the information becomes available - there is no monthly update
 - "New/Changed" column reflects only the changes since the last update
 - There are two new 'radio' buttons at the top of the schedule
 - One toggles between the full year schedule and present/future projects
 - The allows the following selections
 - "Impacts" – displays only projects that are expected to interrupt customer flows
 - "Unknown/Unexpected Impact" – displays projects that have the potential to interrupt customer flows, but that are not expected to cause impacts or there is insufficient information to estimate impacts
 - "All" – displays all scheduled work, regardless of impact
 - The default selections for these are: "Today-End of Year" and "Impacts"



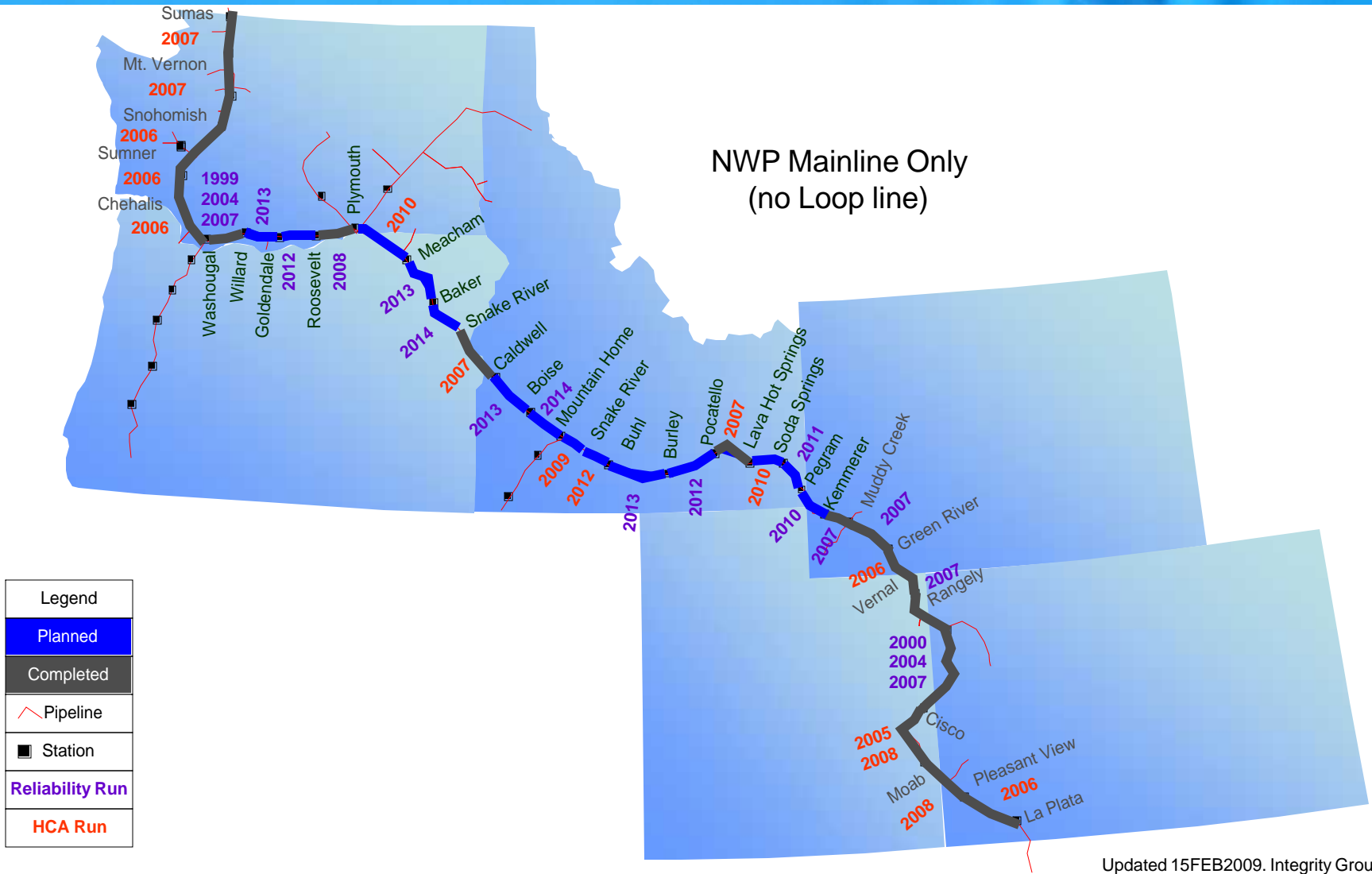
Integrity/Pigging Overview

Sergio Limon, Manager Pipeline Integrity Group



NWP Mainline ILI Activities

Assessments Completed and Planned



Updated 15FEB2009. Integrity Group

2009 In-Line Inspections



Segment Name	ILI Run Schedule		Estimated Dates to Issue Dig List
	Start Date	End Date	
Snake River - Mt. Home	6-Mar	14-Mar	15-Jun
Oregon City - Molalla	7-Apr	16-Apr	1-Sep
McMinnville - Albany	16 & 23 Mar	19 & 24 Mar	25-Aug
Portland Lateral (2 Segments)	5-May	13-May	1-Sep
	5-May	13-May	1-Sep
Sumner - Snohomish Loop	19-May	22-May	27-Aug
North Seattle Lateral	5-May	14-May	15-Aug
North Seattle Loop	6-May	13-May	15-Aug
South Seattle Lateral	21-Apr	2-May	1-Sep
South Seattle Loop (2 Segments)	22-Apr	2-May	1-Sep
	22-Apr	2-May	1-Sep

> Responses to ILI Reported Indications

- Immediate anomalies (HCA), NWP must reduce the operating pressure immediately and investigate these within 5 days
- High priority anomalies (non-HCA) may also require immediate pressure reductions along with investigation within 5 days
- Non-immediate/high priority digs will be integrated into the maintenance schedule

2009 Anomaly Investigations

From Previous ILI Runs



Segment Name	Anomaly Investigation Schedule	
	Start Date	End Date
Plymouth - Mesa	none	
Plymouth - Roosevelt	5-Apr	29-May
Mtn. Home - Little Valley	22-Jun	24-Jul
Zillah - Yakima	1-Jun	26-Jun
South Tacoma Lateral	none	
Cisco - Moab Segment 1	17-Feb	27-Feb
Cisco - Moab Segment 2	16-Mar	2-May
Pleasant View - Moab	4-May	26-Jun
Cisco - Rangely Segment 1	20-Jul	25-Sep
Cisco - Rangely Segment 2	28-Sep	31-Oct
Willard - Washougal	31-Aug	26-Sep
La Plata - Pleasant View	3-Aug	20-Aug
Lava - Pocatello	10-Aug	4-Sep

- > All Scheduled digs thus lower potential for customer impacts
- > Rangely-Cisco segment may cause some impact as we're combining the anomaly and recoat work in 2009