**PNCWA – Yakima Valley Section**

**June 27th Section Training Meeting Outline**

Date: June 27th 2013

Location: City of Richland, WWTP Lunch Room

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| **Time** | **Description** |
| 8:30 am – 9:00 am | Business Meeting (Elections) |
| 9:00 am – 9:45 am | **John Bykonan (City of Richland)*** Richland’s Compost Facility (to manage biosolids)
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| 9:45 am – 10:20 am | **Sheldon Williamson (City of Richland)*** Cured in Place Pipe
 |
| 10:20 am – 10:30 am | Break |
| 10:30 am – 11:15 am | **Jay Marlow (City of Richland)*** Aeration Basin Upgrades
	+ Background on process improvements
	+ Background on design
	+ Virtual tour of work completed
	+ Pitfalls encountered and how they were resolved
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| 11:15 am – 12:00 pm | **Josh Gleason (Treatment Equipment Company)*** Basic Principals of Diffused Air
* Common Types of Diffusers
	+ Coarse Bubble
	+ Fine Bubble
* Comparison of Fine Bubble Diffusers
	+ Design and Materials
	+ Operating Principles
	+ Performance Differences
* Fine Bubble Project Considerations & Lifecycle Analysis
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| 12:00 pm – 12:30 pm | Lunch |
| 12:30 pm – 1:30 pm | Tour of Richland Composting Facility |