2011 PBAC Pumping and Water Levels
PBAC Meeting
March 15, 2012

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2011 PBAC Pumping* - Percentage Change from 2010
Aggregate Change = +3.1%

2011 PBAC Pumping* - Percentage Change from 1992
Aggregate Change = -15.9%

2011 PBAC Pumping* - Percentage Change from 2010
Aggregate Change = +3.1%

2011 PBAC Pumping* - Percentage Change from 1992
Aggregate Change = -15.9%

- 2011 Pumping Exceeds 2010
- 2011 Pumping Less Than 2010

- 2011 Pumping Exceeds 1992
- 2011 Pumping Less Than 1992

* - Colfax Nov/Dec Numbers Estimated
2011 PBAC Pumping* - Percentage Change from 2006-2010 Average
Aggregate Change = -3.3%

2011 Pumping (% change from 5-yr Trailing Average)
- UI Domestic -5.8%
- Palouse -6.2%
- Moscow -1.8%
- Pullman -1.5%

2011 Irrigation Season Climate – UI Plant Science Farm

Mean Temperature

Precipitation

Pan Evaporation

2011 PBAC Pumping* - Percentage Change from 2010
Cumulative (Running Total) Pumping

2011 PBAC Pumping* - Percentage Change from 2010
Monthly Pumping

* - Colfax Nov/Dec Numbers Estimated
Water Use – Baseline and Non-Baseline

2011 Aggregate Total Water Use

2011 Non-Baseline Water Use

2011 Non-Baseline Water Use Percentage Change From 2010
2011 Baseline Water Use
Percentage Change From 2010

<table>
<thead>
<tr>
<th>Location</th>
<th>Percentage Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moscow</td>
<td>-2.5%</td>
</tr>
<tr>
<td>UI</td>
<td>7.3%</td>
</tr>
<tr>
<td>Colfax</td>
<td>4.0%</td>
</tr>
<tr>
<td>WSU</td>
<td>-1.3%</td>
</tr>
<tr>
<td>Pullman</td>
<td>4.1%</td>
</tr>
<tr>
<td>Palouse</td>
<td>7.5%</td>
</tr>
</tbody>
</table>

2011 Water Levels – Grande Ronde – WSU Test

2011 Water Levels – Grande Ronde – IDWR 4

2011 Water Levels – Grande Ronde – DOE Test
2011 Water Levels – Sediments of Bovill – IDWR 1

2011 Water Levels – Wanapum Basalt– Moscow PD

2011 Water Levels – Vantage Sediments – IDWR 3

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