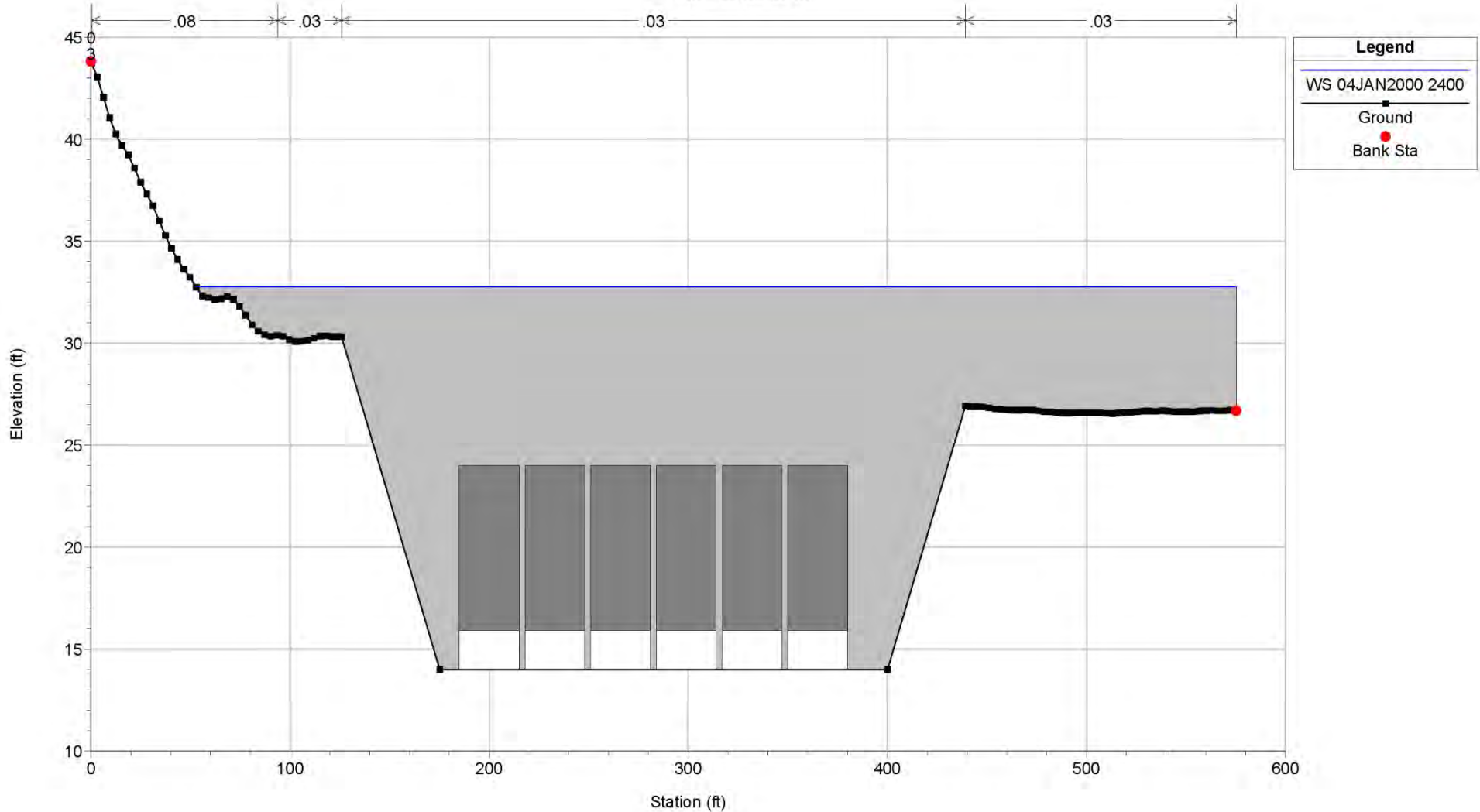


Fremont\_Weir\_Alternatives Plan: Large\_v11\_tandem

Geom: Large\_v10  
RS = 22482.59 IS



Notes: Gate closure shown represents 6000 cfs at maximum Sacramento River Stage before Fremont Weir begins to overtop for gates operated in tandem.

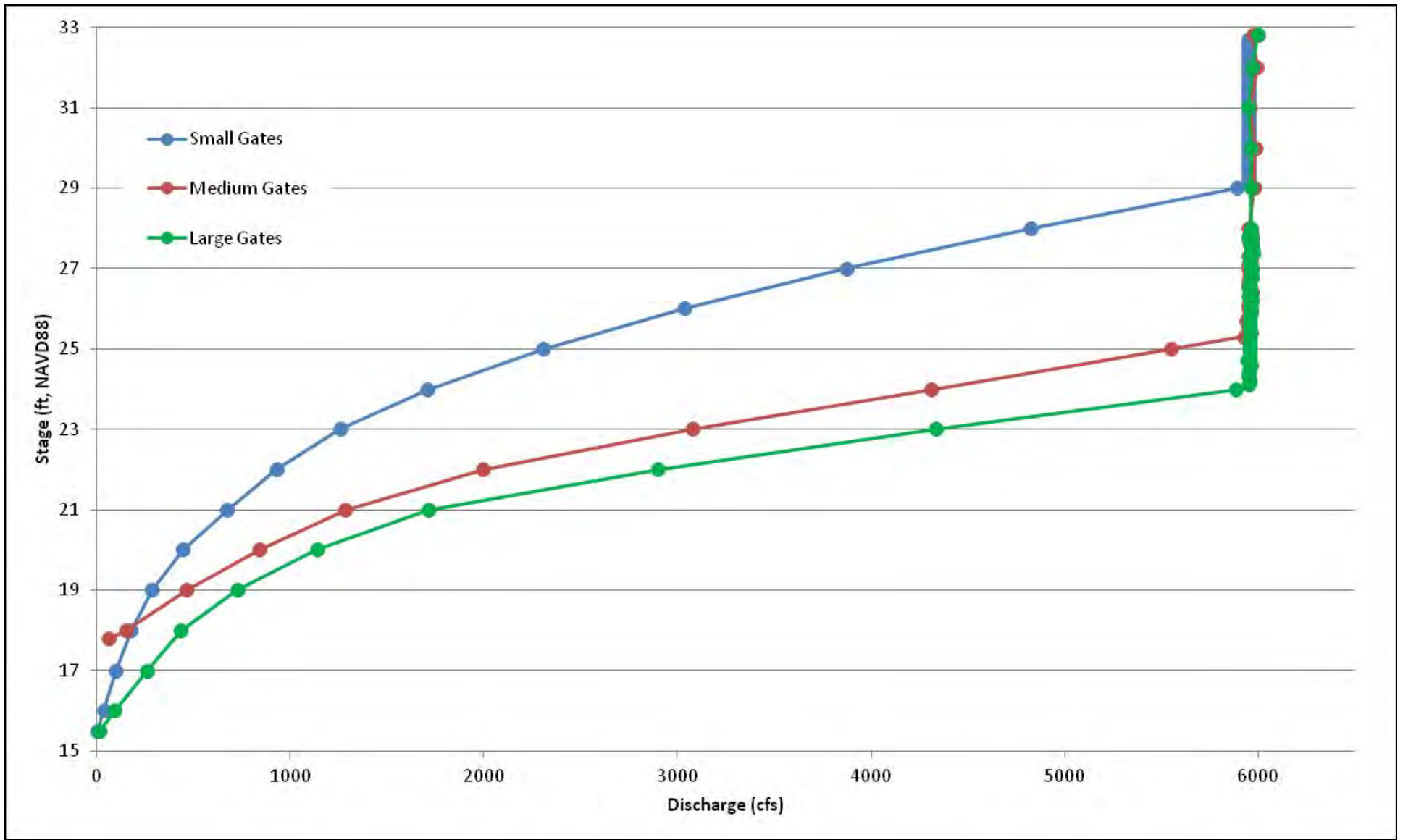


Yolo Bypass Salmonid Habitat Restoration and Fish Passage Project  
**Large Unison Gate Configuration**

Project No. 13-1027

Created By: CRC

**Figure 17**



Notes: assumes gate operations are optimized for 6000 cfs flow rate



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage Project*  
**Gate Rating Curves**

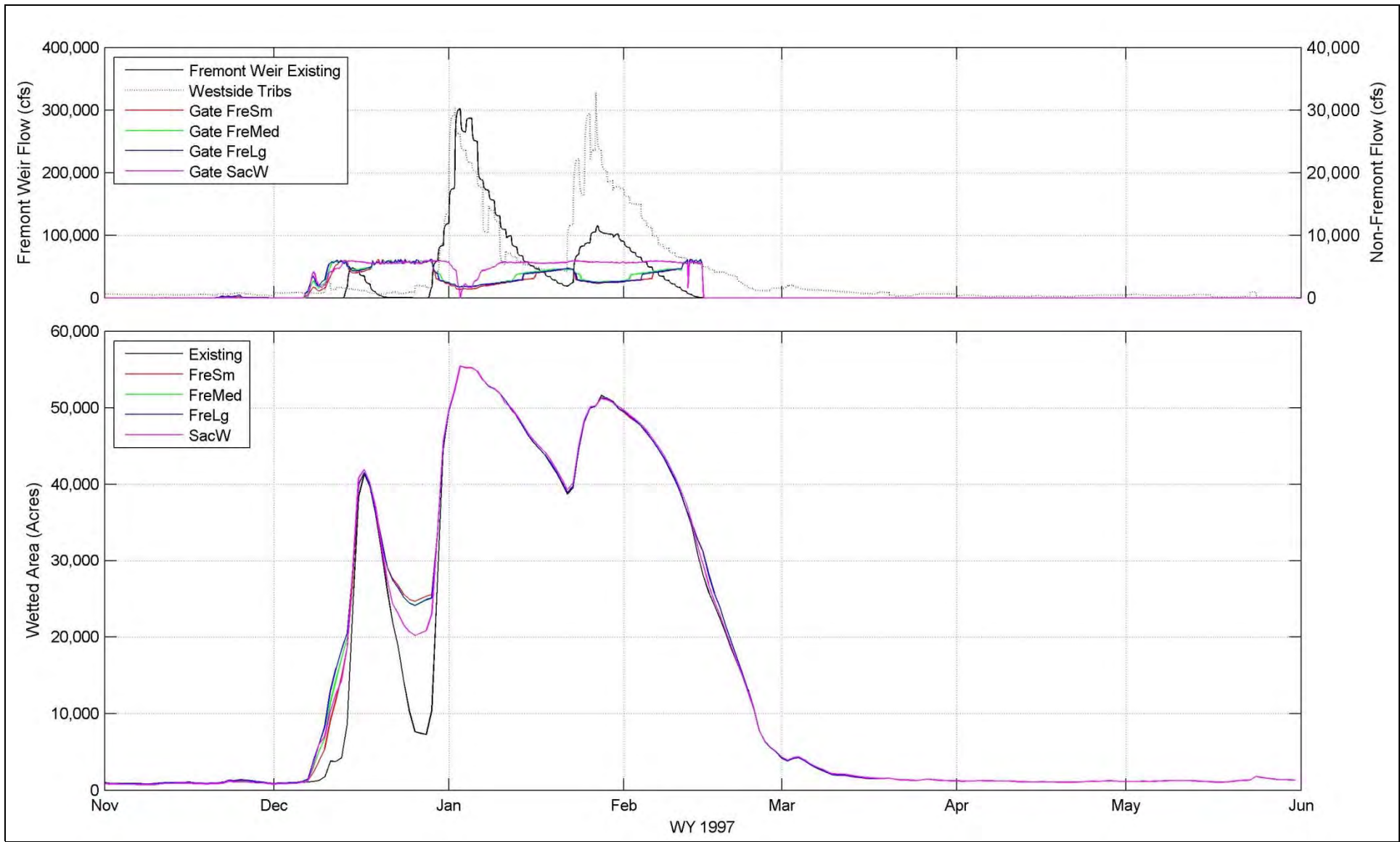
Project No. 13-1027

Created By: CRC

**Figure 18**

## Appendix D

### All WY and Gate Closures

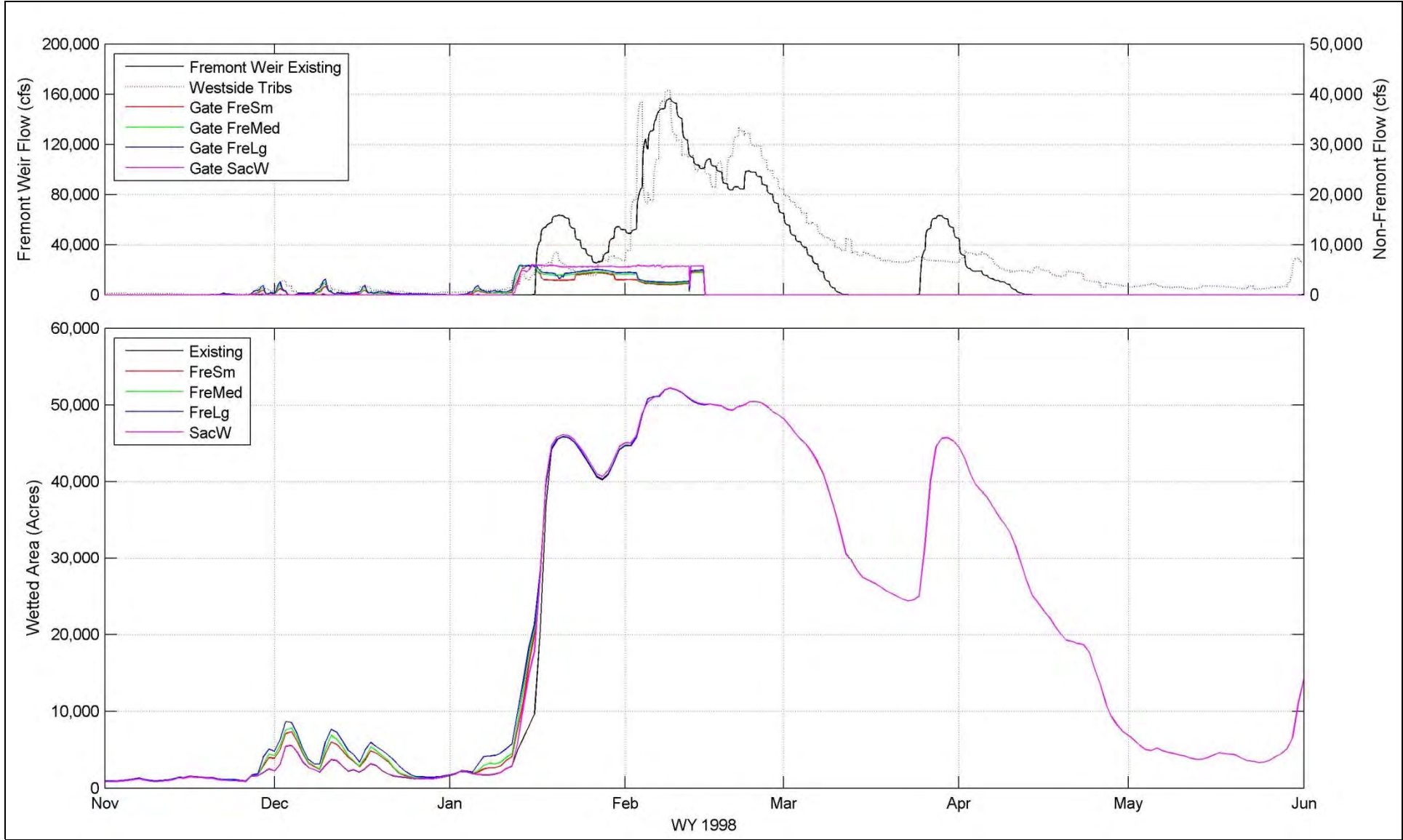


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 1997 for Feb 15 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D1**



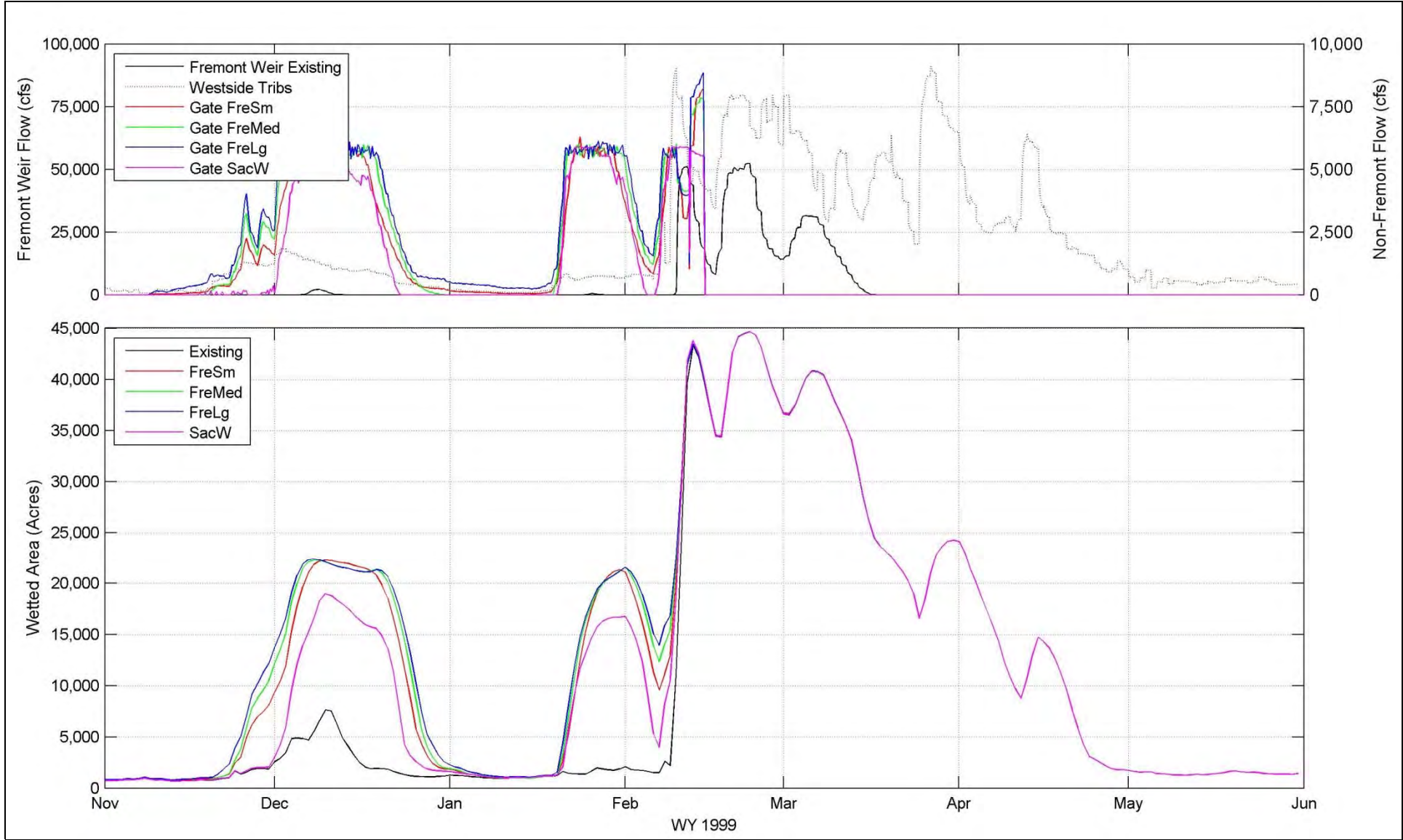
Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 1998 for Feb 15 Gate Closure**

Prepared for DWR	Created By: SJB	<b>Figure D2</b>
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Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)

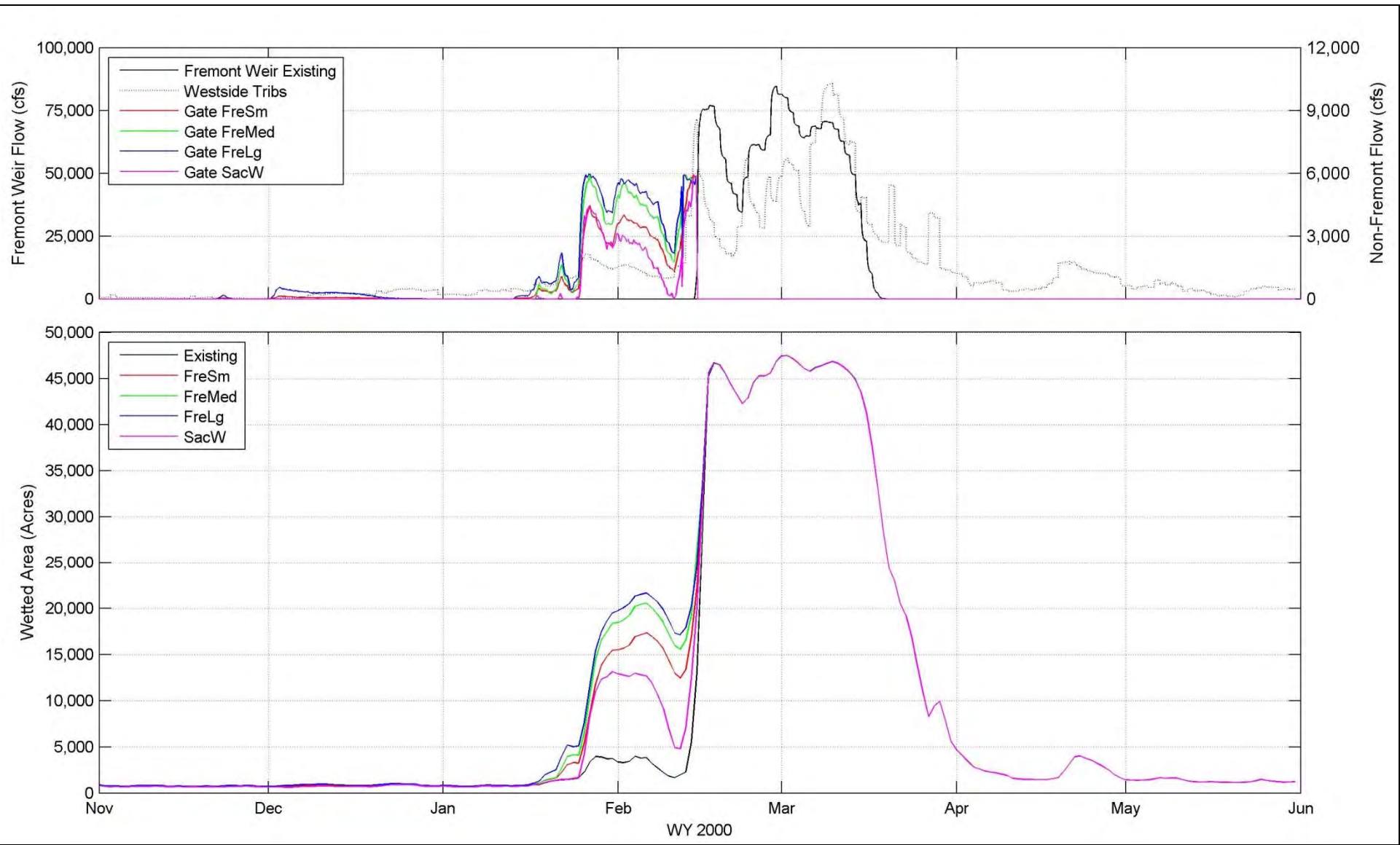


*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 1999 for Feb 15 Gate Closure**

Prepared for DWR

Created By: SJB

**Figure D3**

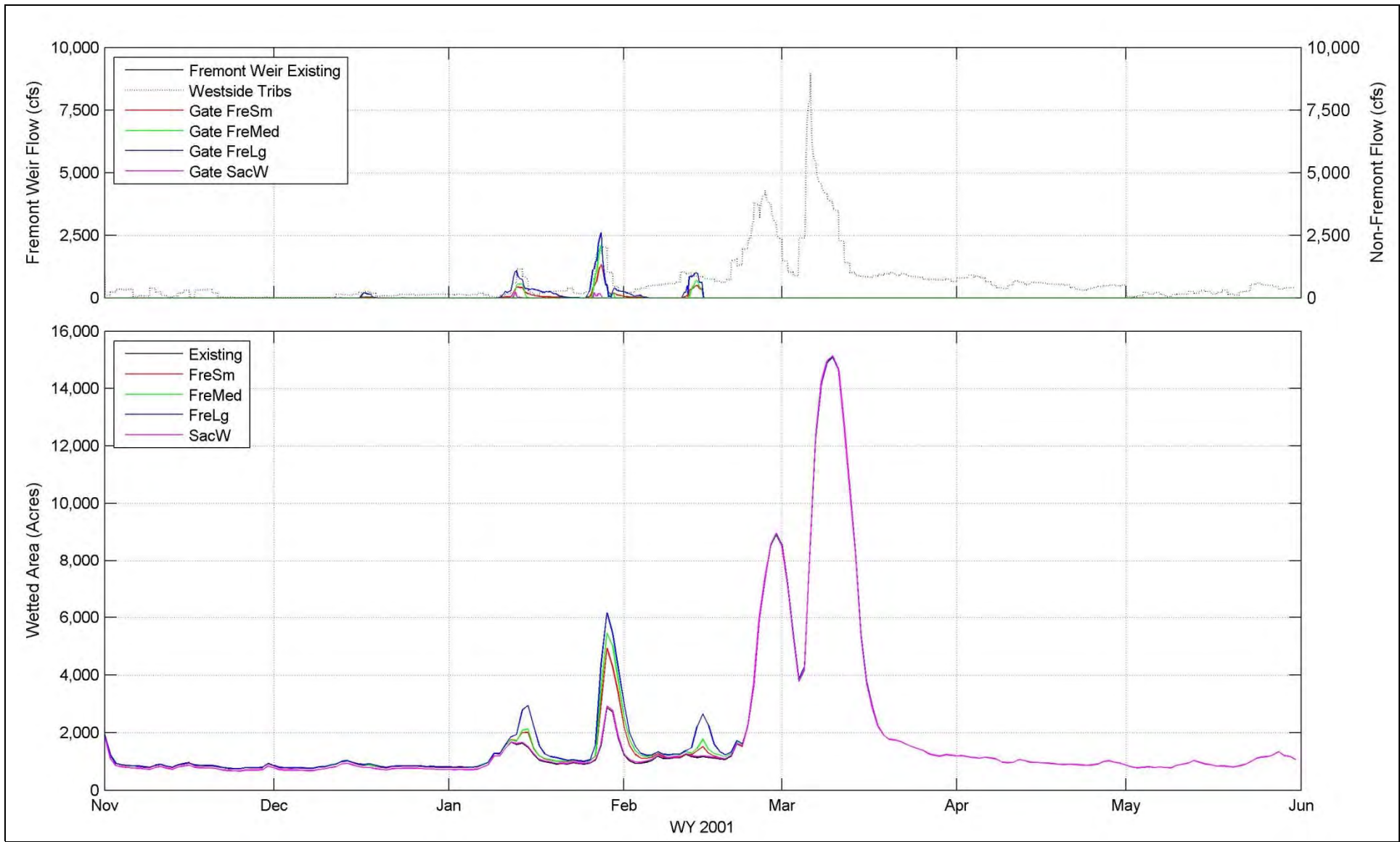


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 2000 for Feb 15 Gate Closure**

Prepared for DWR	Created By: SJB	<b>Figure D4</b>
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Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



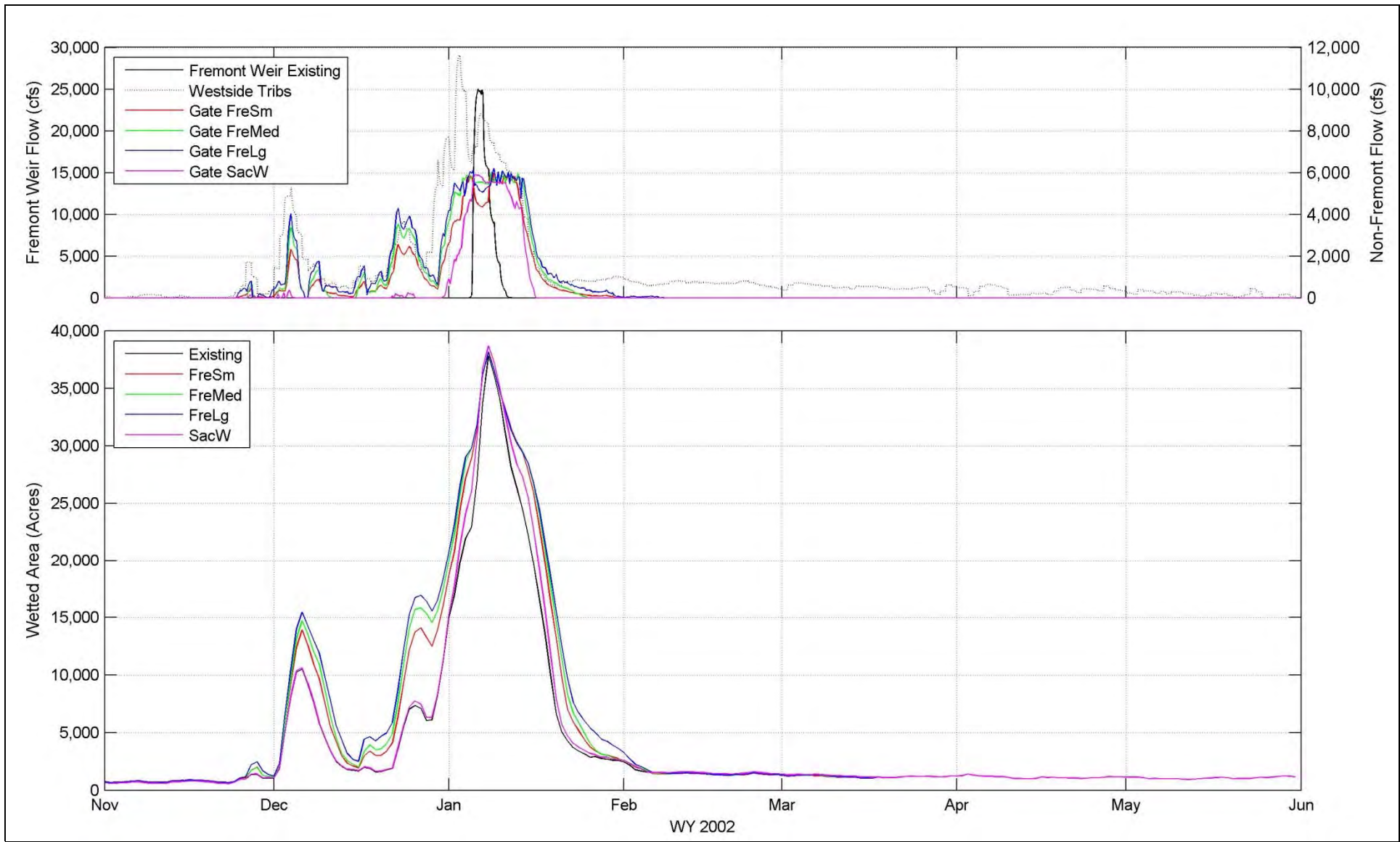
Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2001 for Feb 15 Gate Closure**

Prepared for DWR

Created By: SJB

**Figure D5**



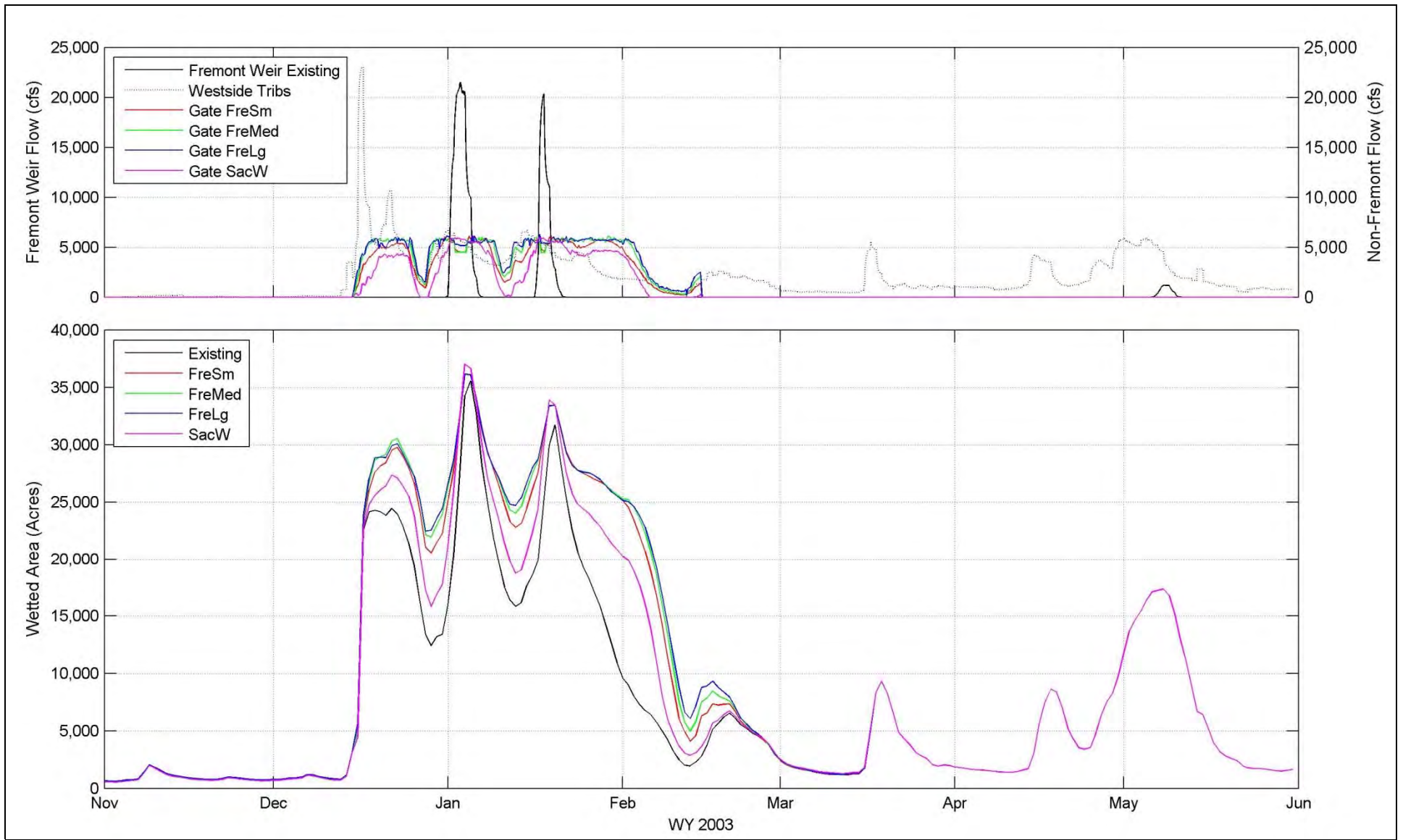


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 2002 for Feb 15 Gate Closure**

Prepared for DWR	Created By: SJB	<b>Figure D6</b>
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Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)

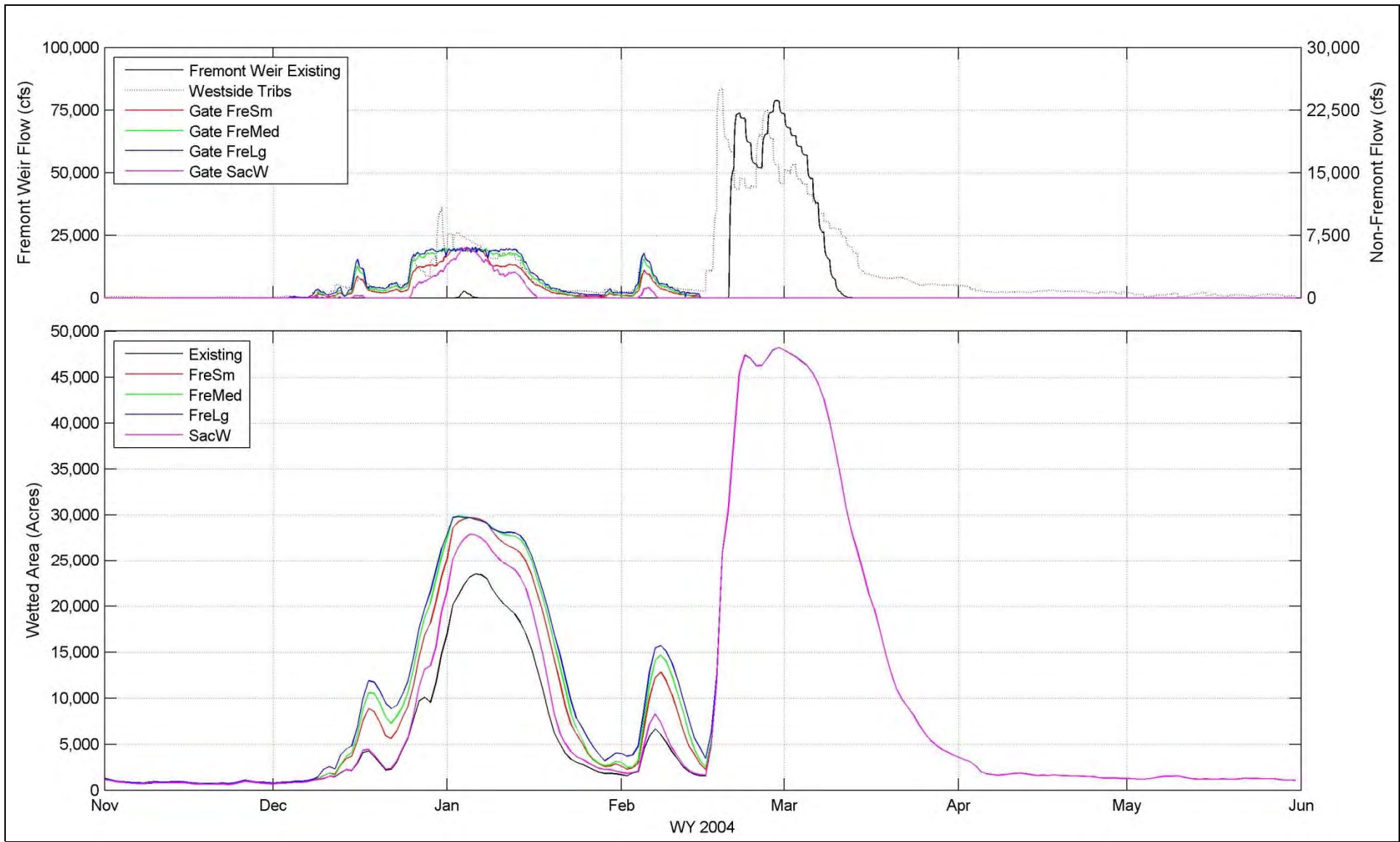


Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2003 for Feb 15 Gate Closure**

Prepared for DWR

Created By: SJB

**Figure D7**



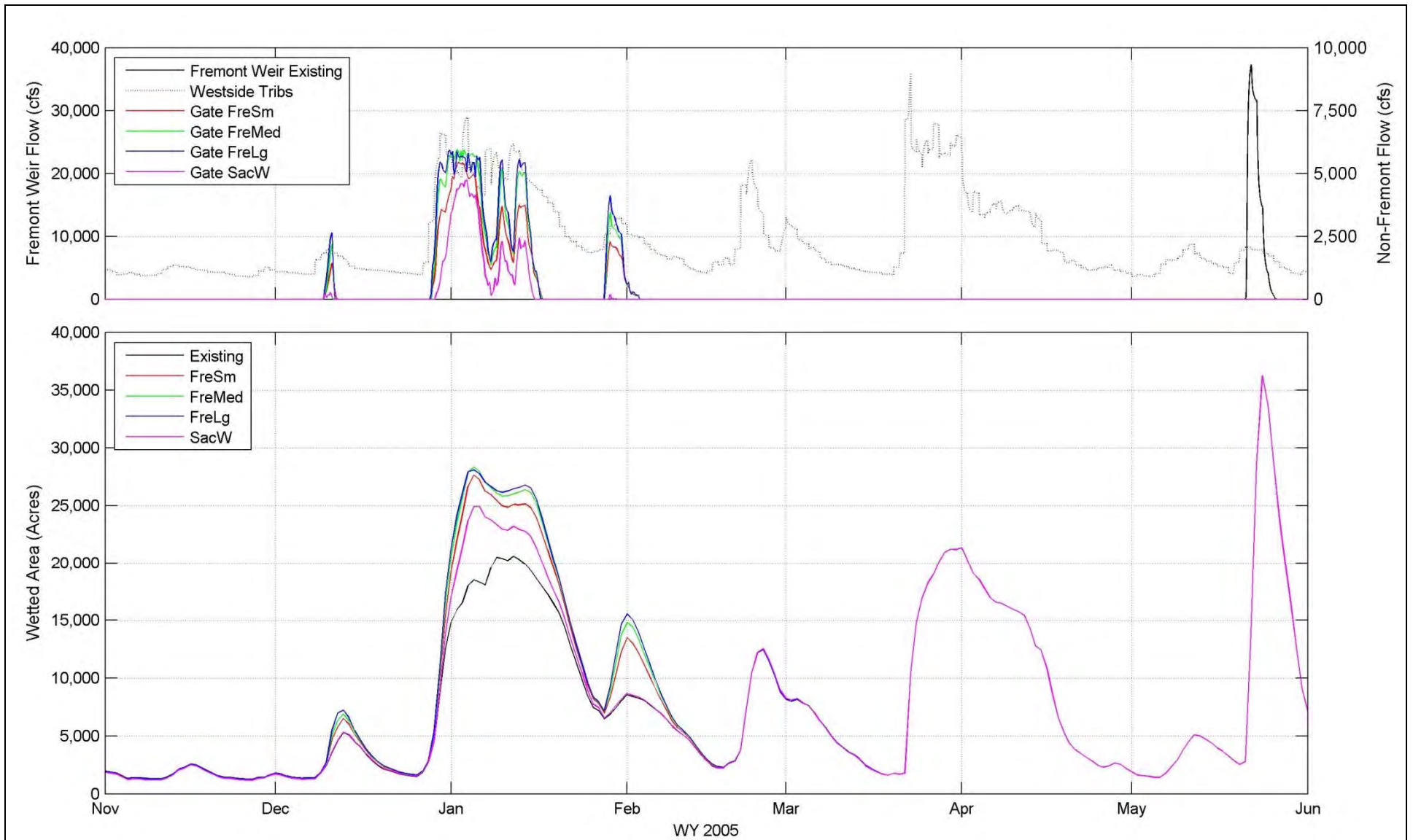
Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 2004 for Feb 15 Gate Closure**

Prepared for DWR	Created By: SJB	<b>Figure D8</b>
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Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)

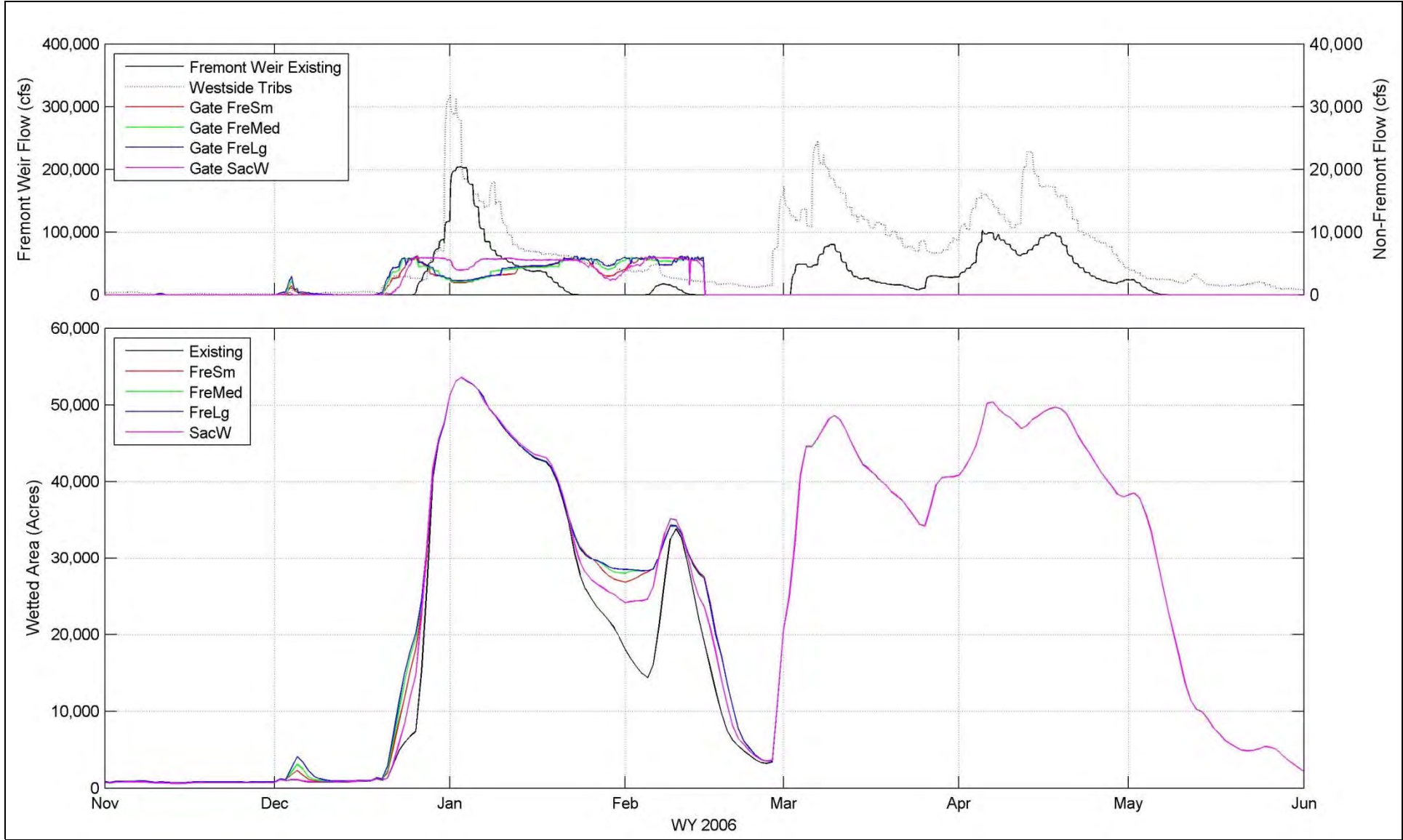


Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2005 for Feb 15 Gate Closure**

Prepared for DWR

Created By: SJB

**Figure D9**



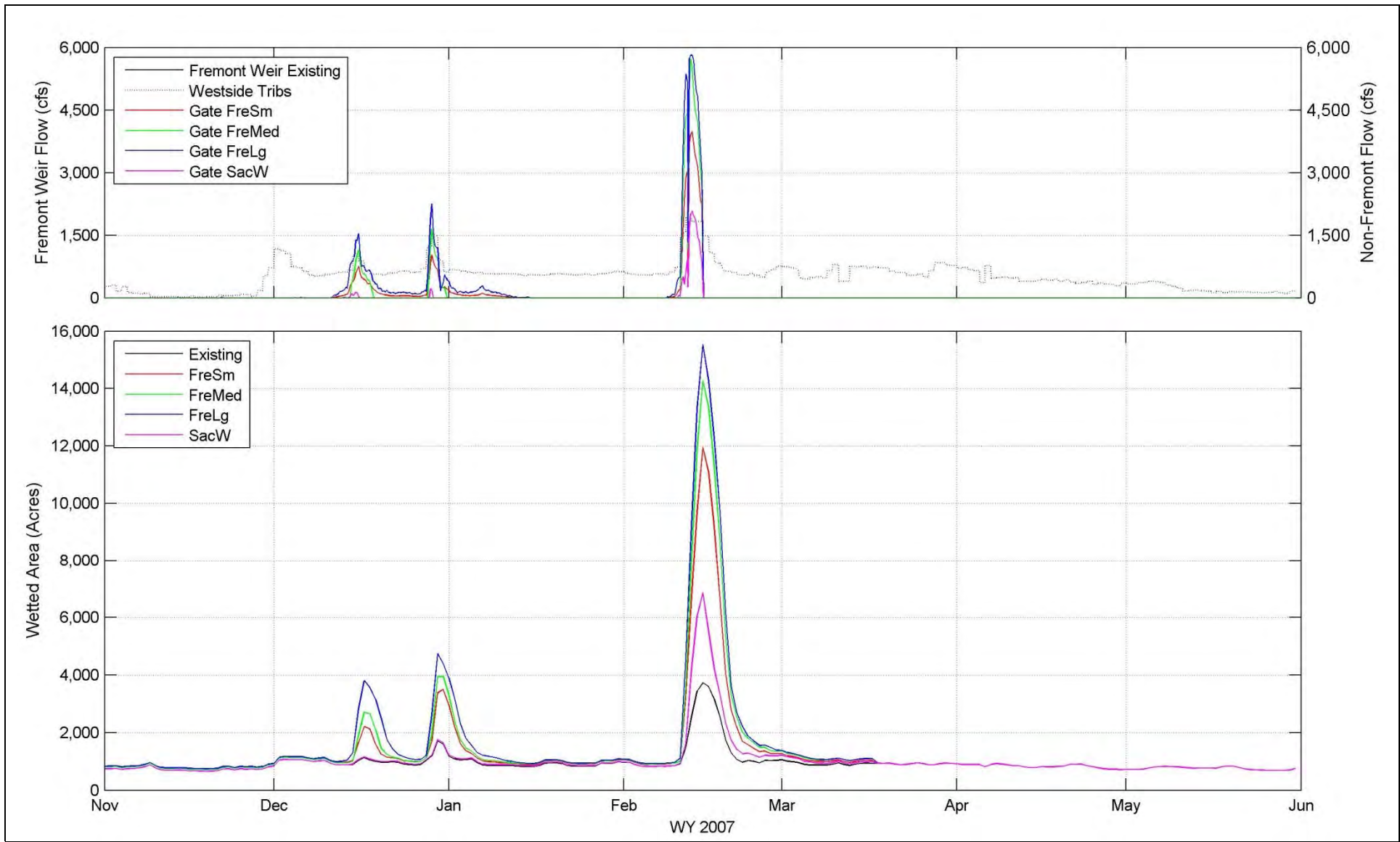
Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2006 for Feb 15 Gate Closure**

Prepared for DWR	Created By: SJB	<b>Figure D10</b>
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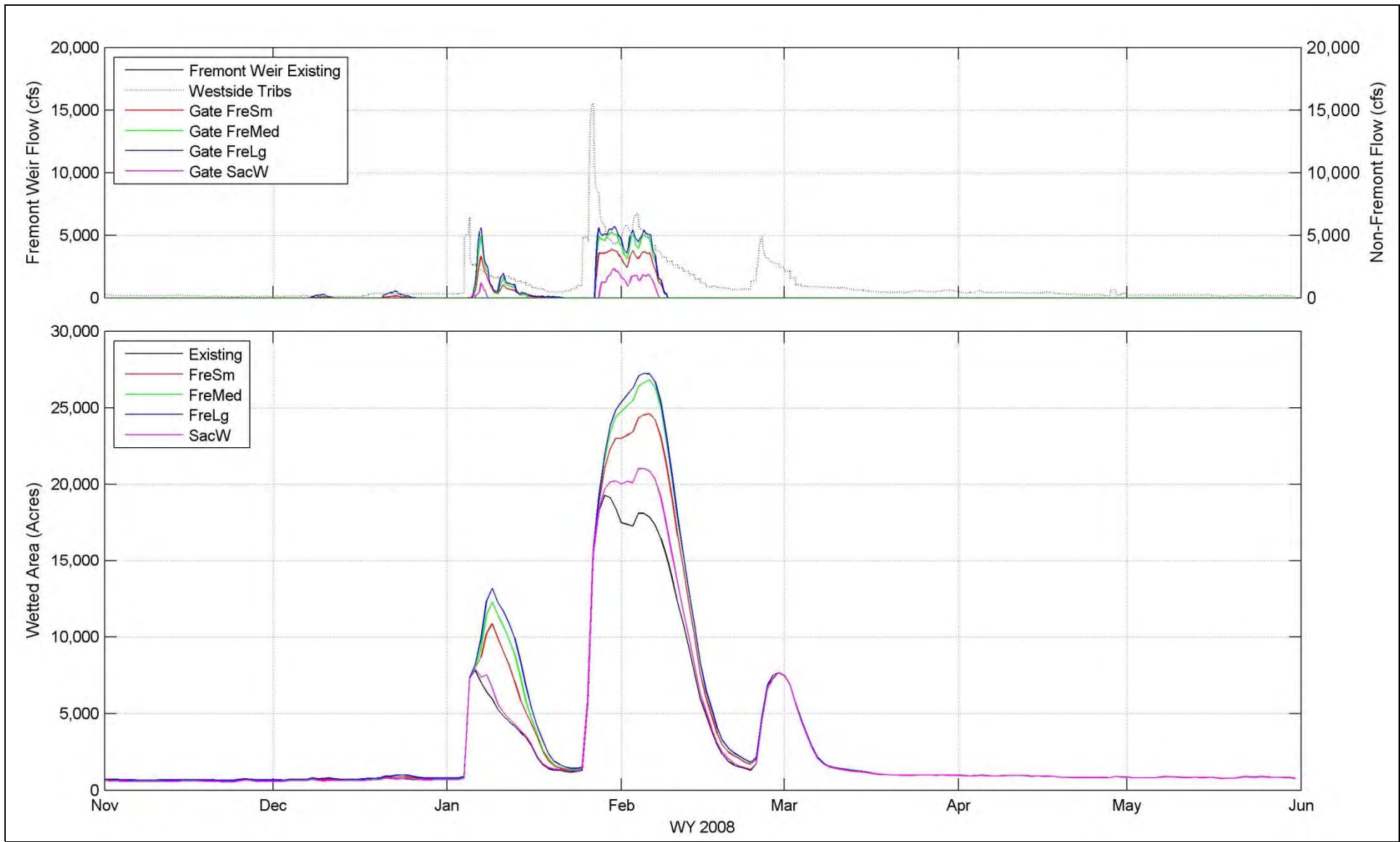


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2007 for Feb 15 Gate Closure**

Prepared for DWR	Created By: SJB	<b>Figure D11</b>
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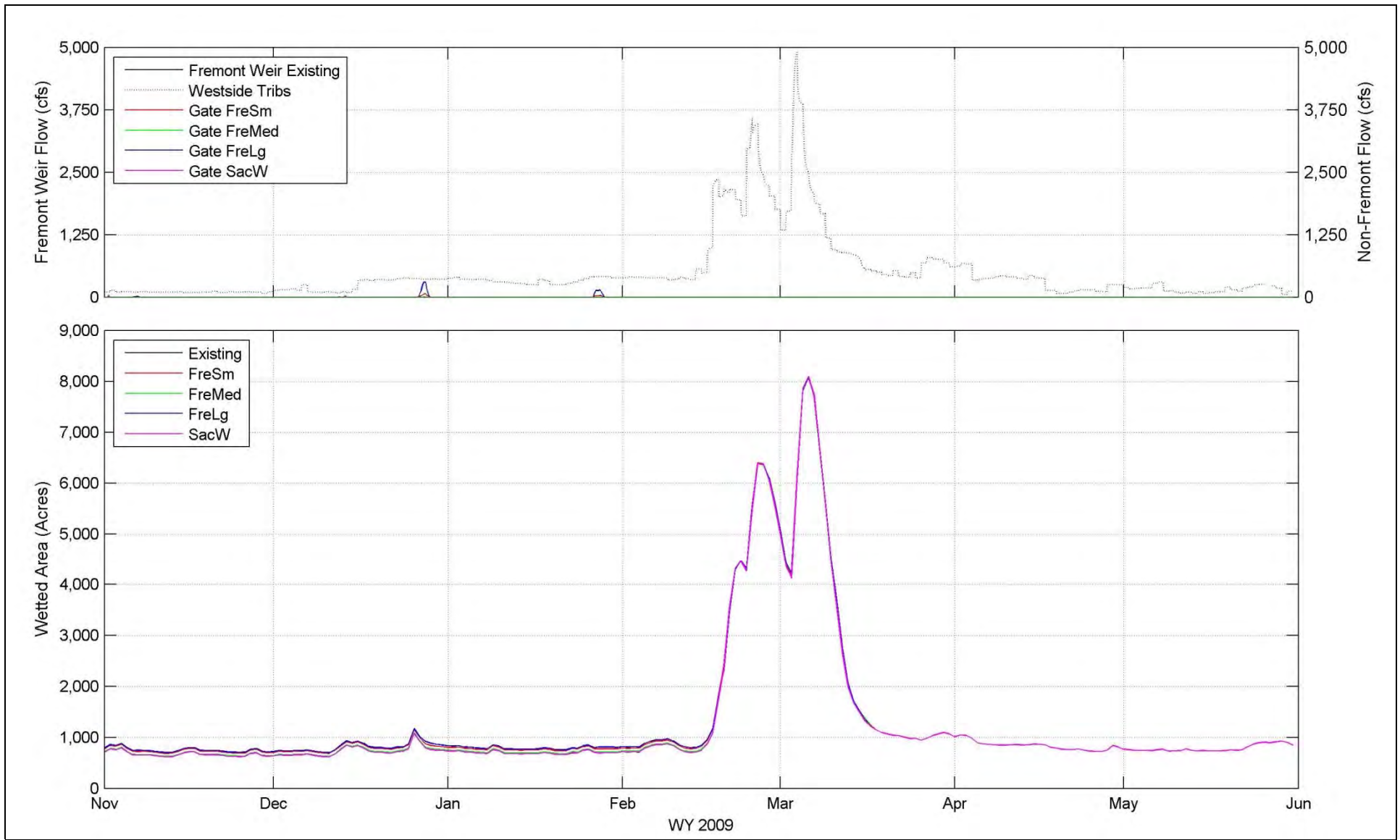


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2008 for Feb 15 Gate Closure**

Prepared for DWR	Created By: SJB	<b>Figure D12</b>
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Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)

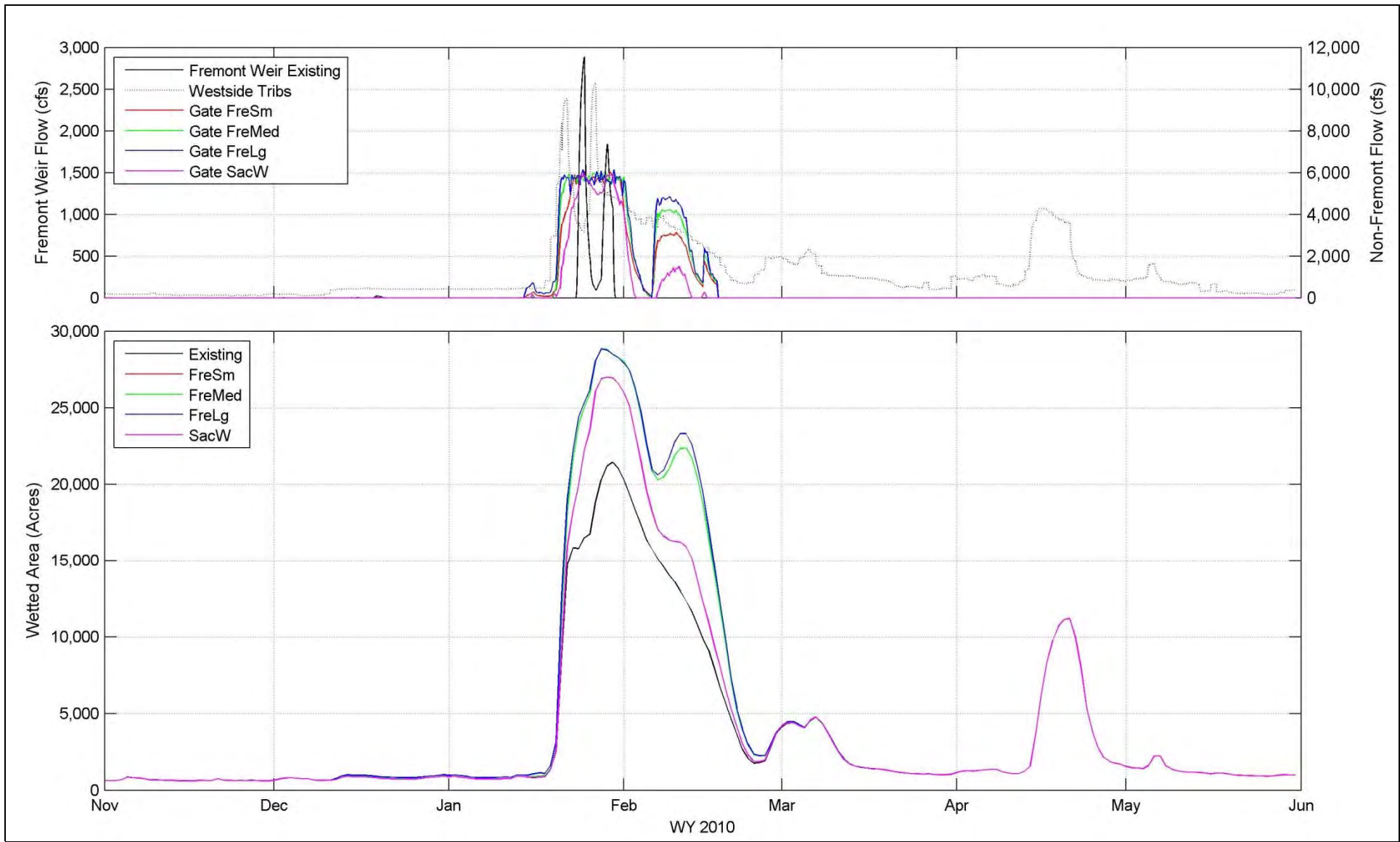


Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2009 for Feb 15 Gate Closure**

Prepared for DWR

Created By: SJB

**Figure D13**



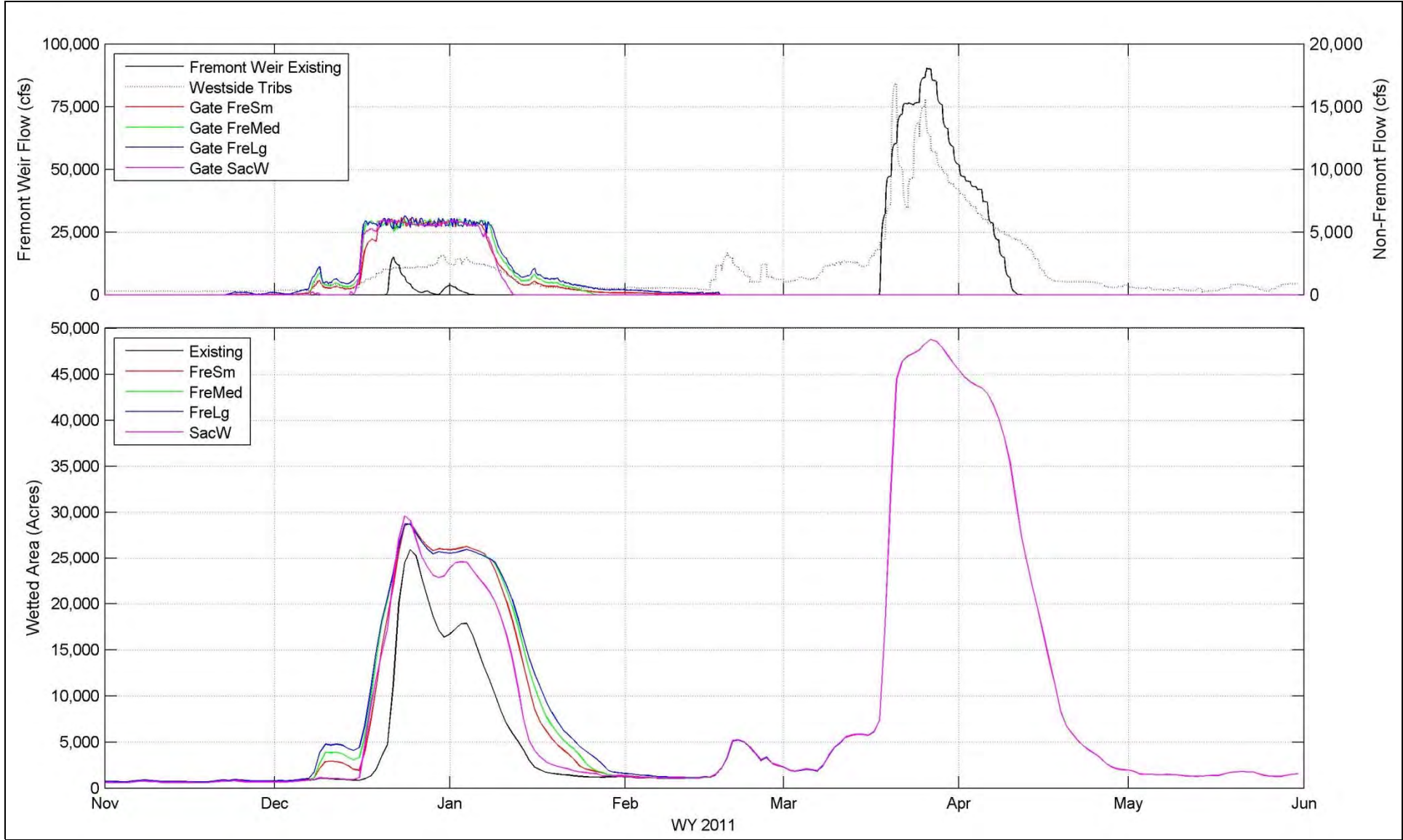
Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2010 for Feb 15 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D14**





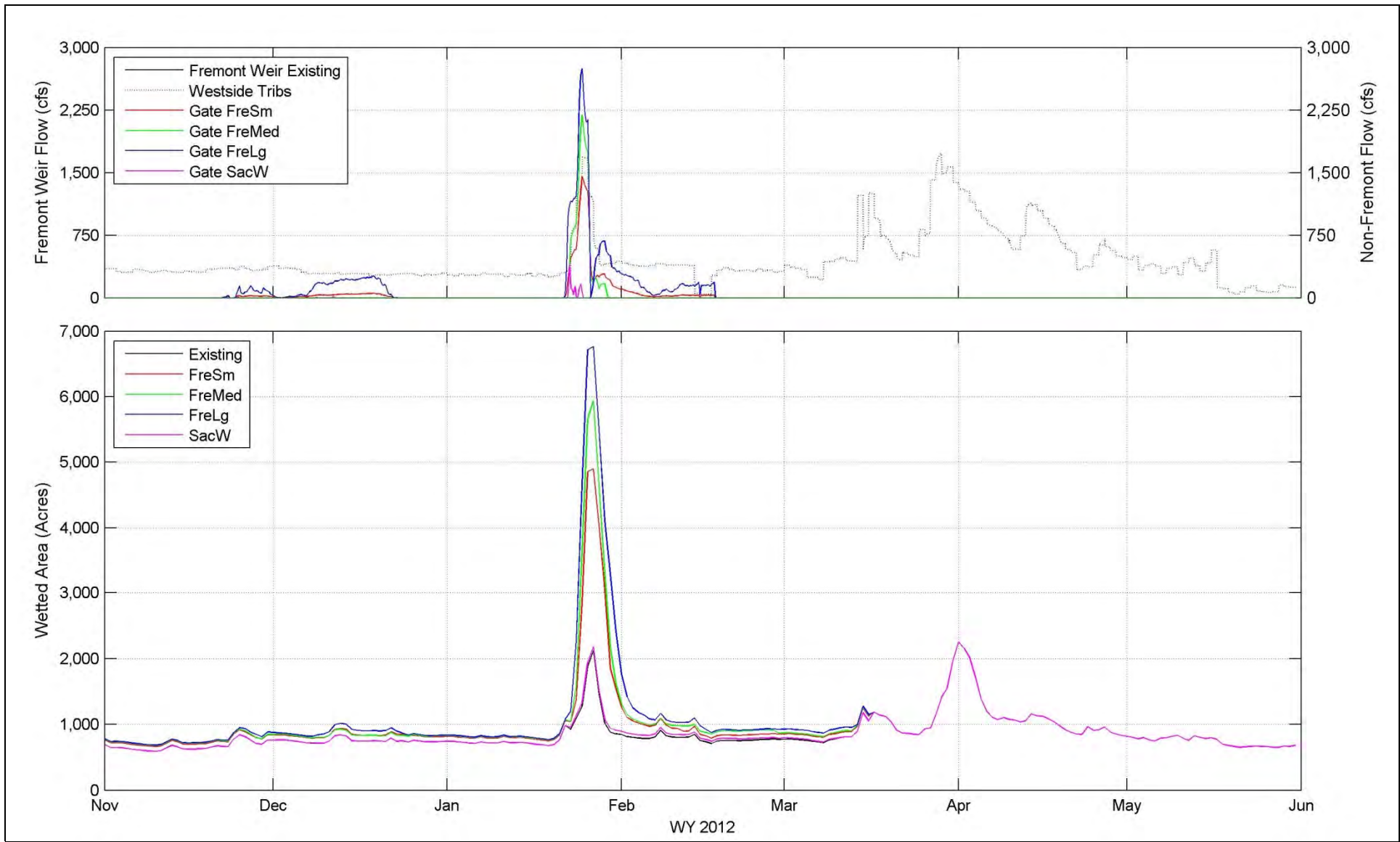
Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 2011 for Feb 15 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D15**



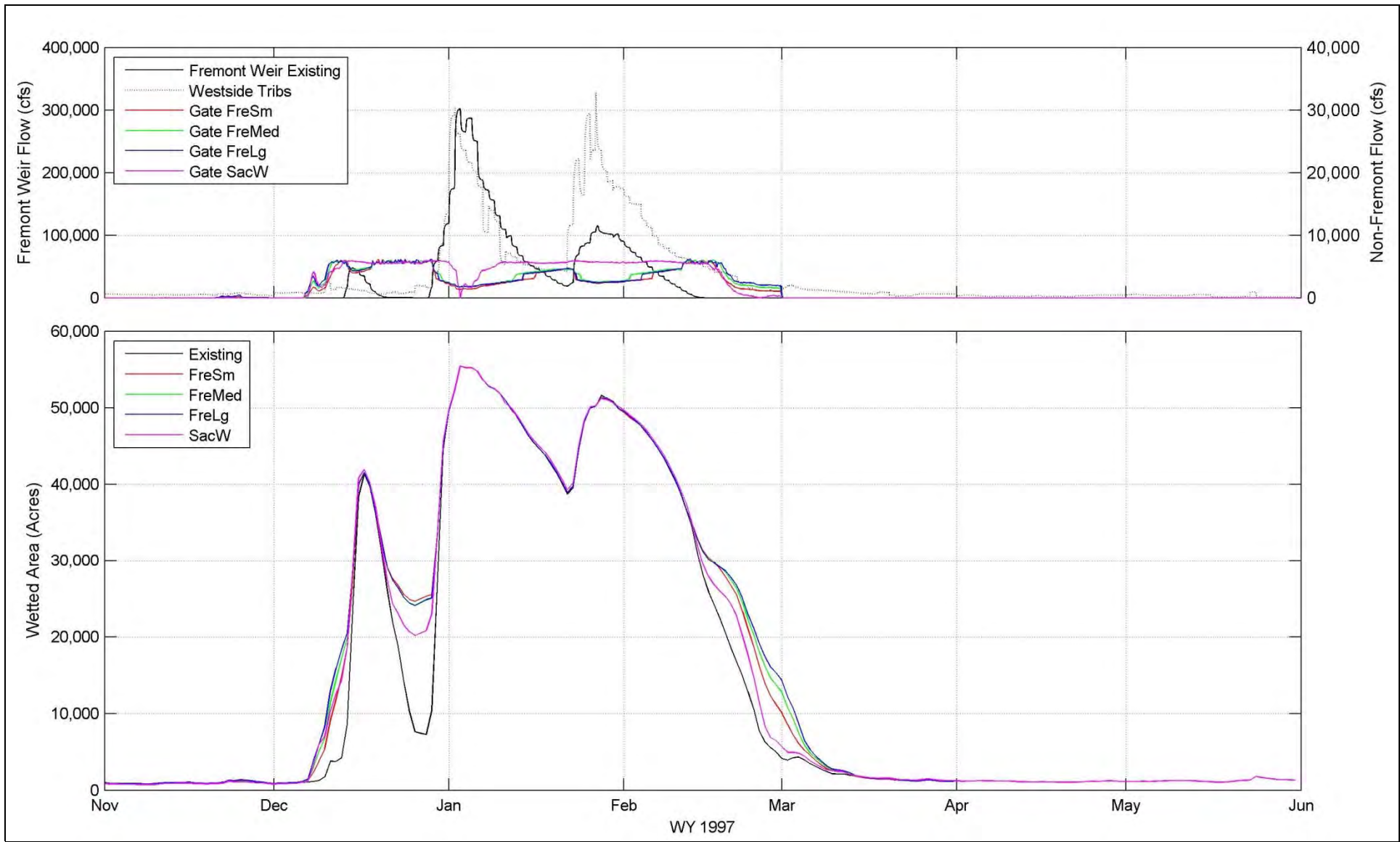


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2012 for Feb 15 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D16**

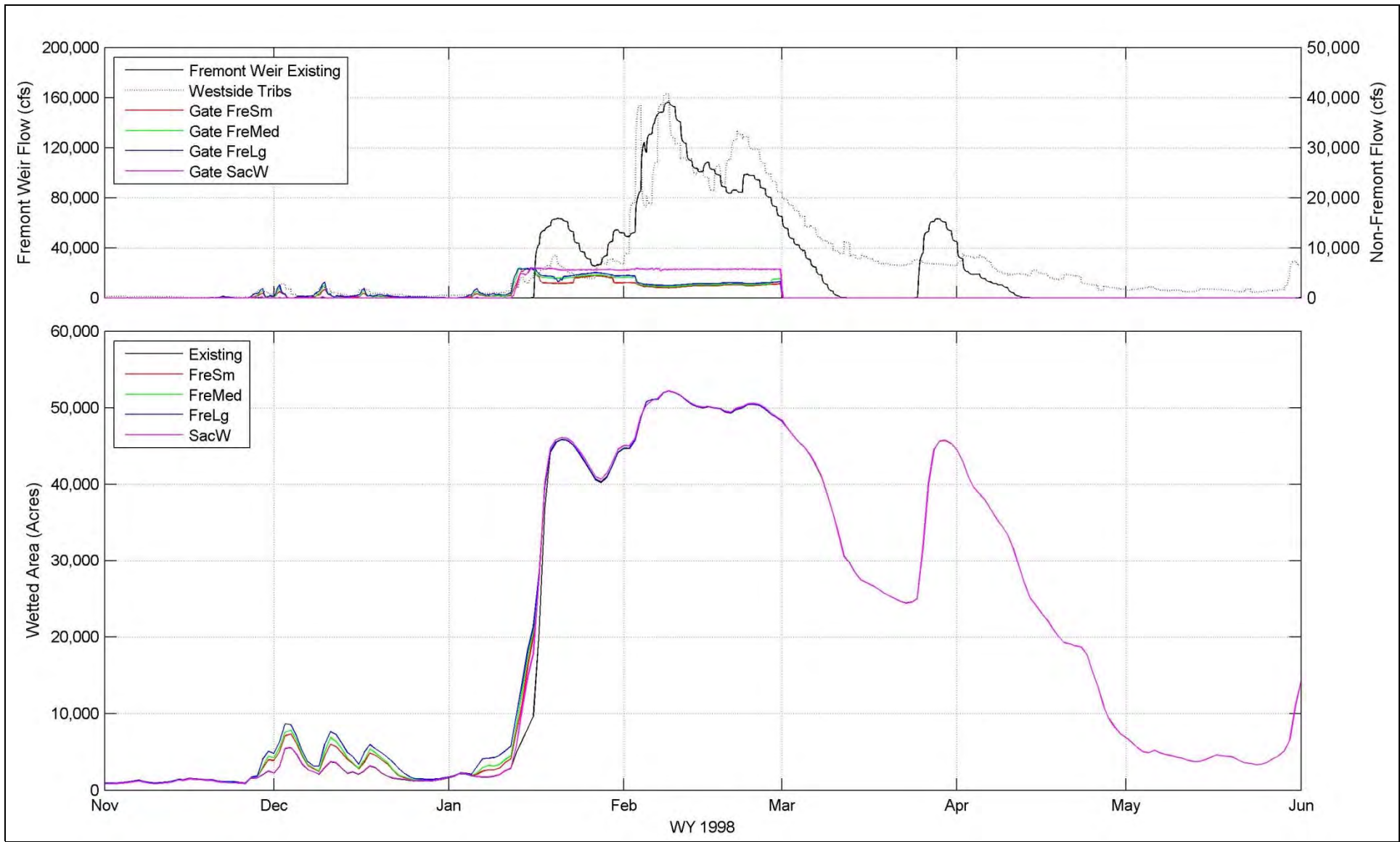


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 1997 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D17**

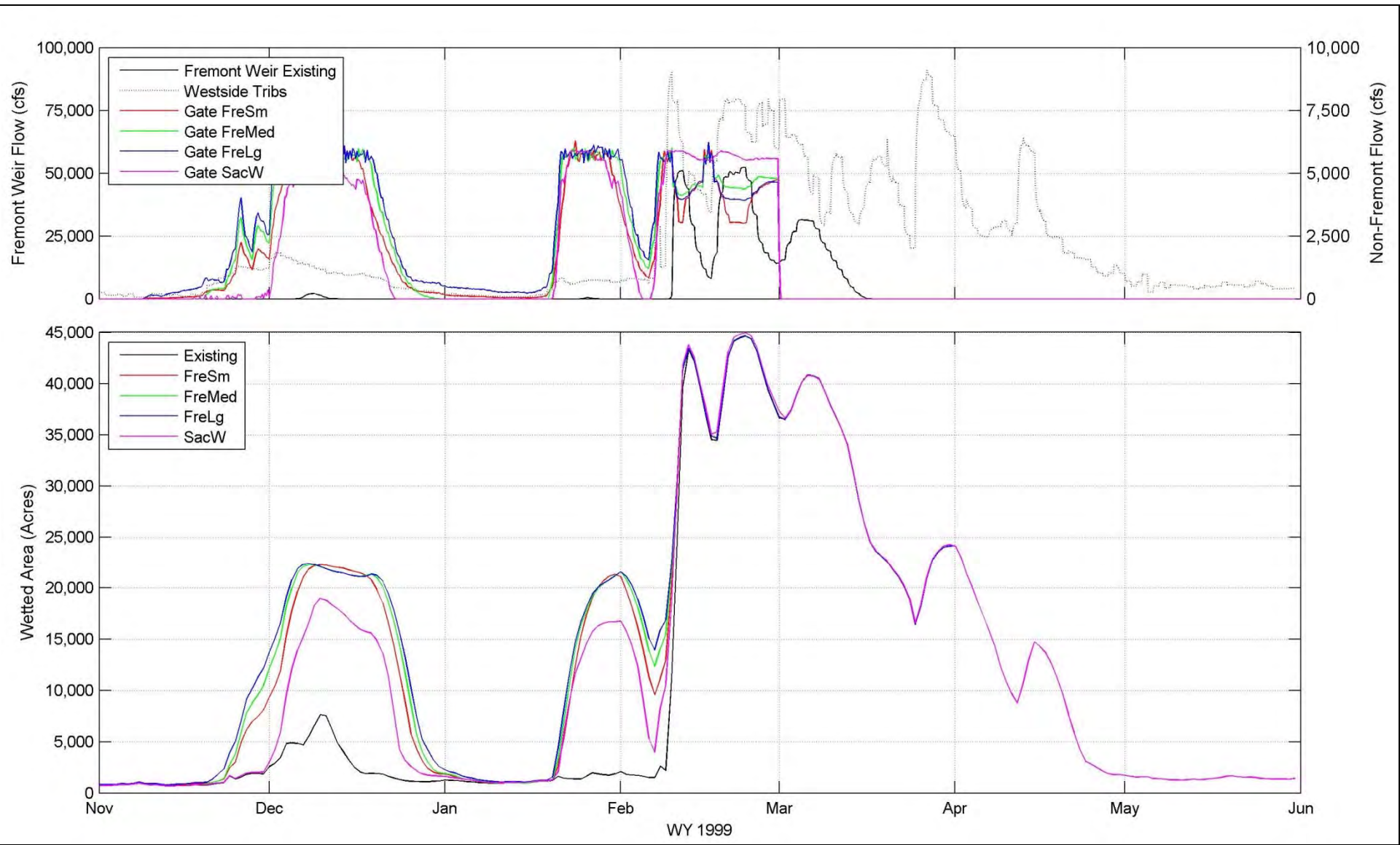


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 1998 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D18**



Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



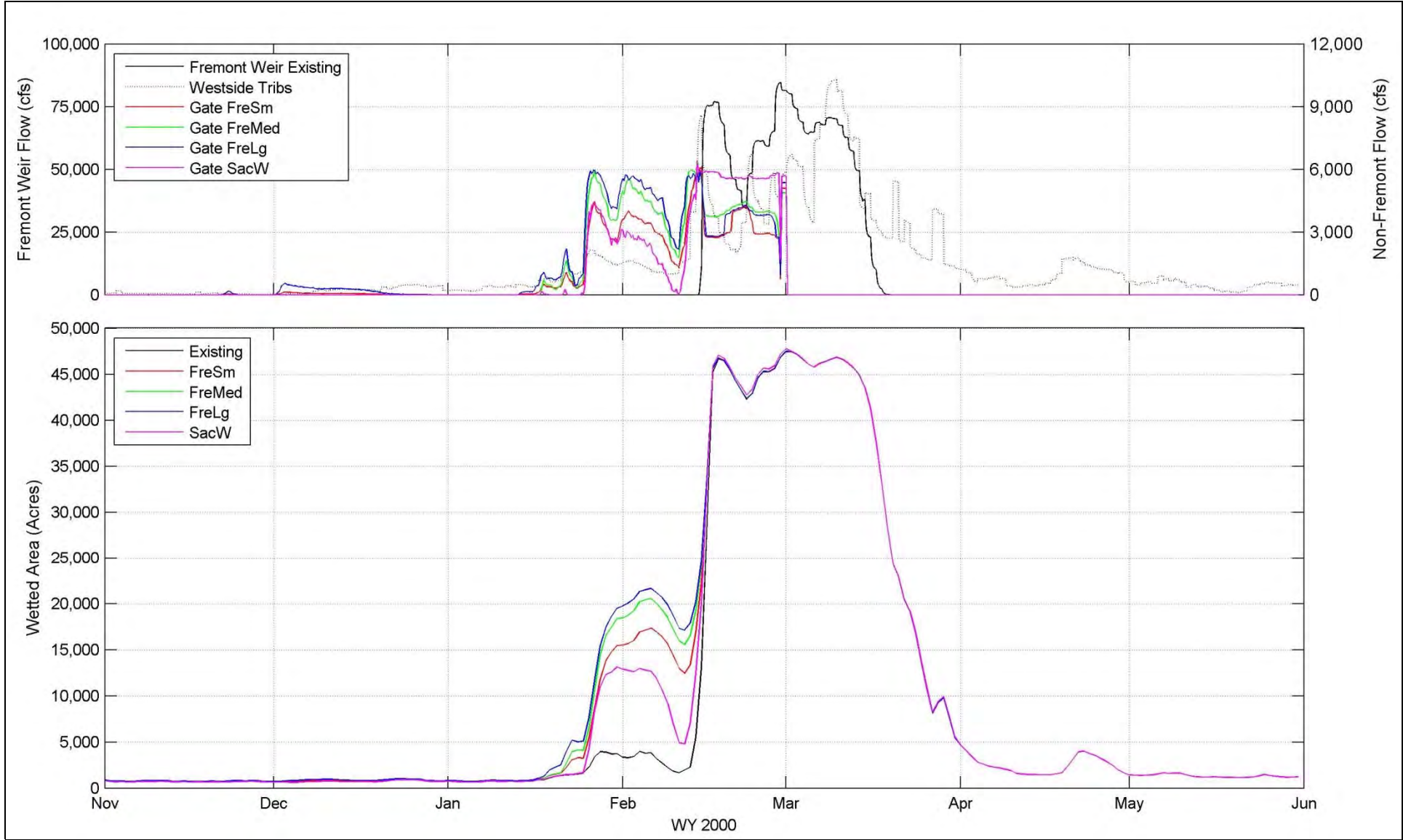
Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 1999 for Mar 1 Gate Closure**

Prepared for DWR

Created By: SJB

**Figure D19**





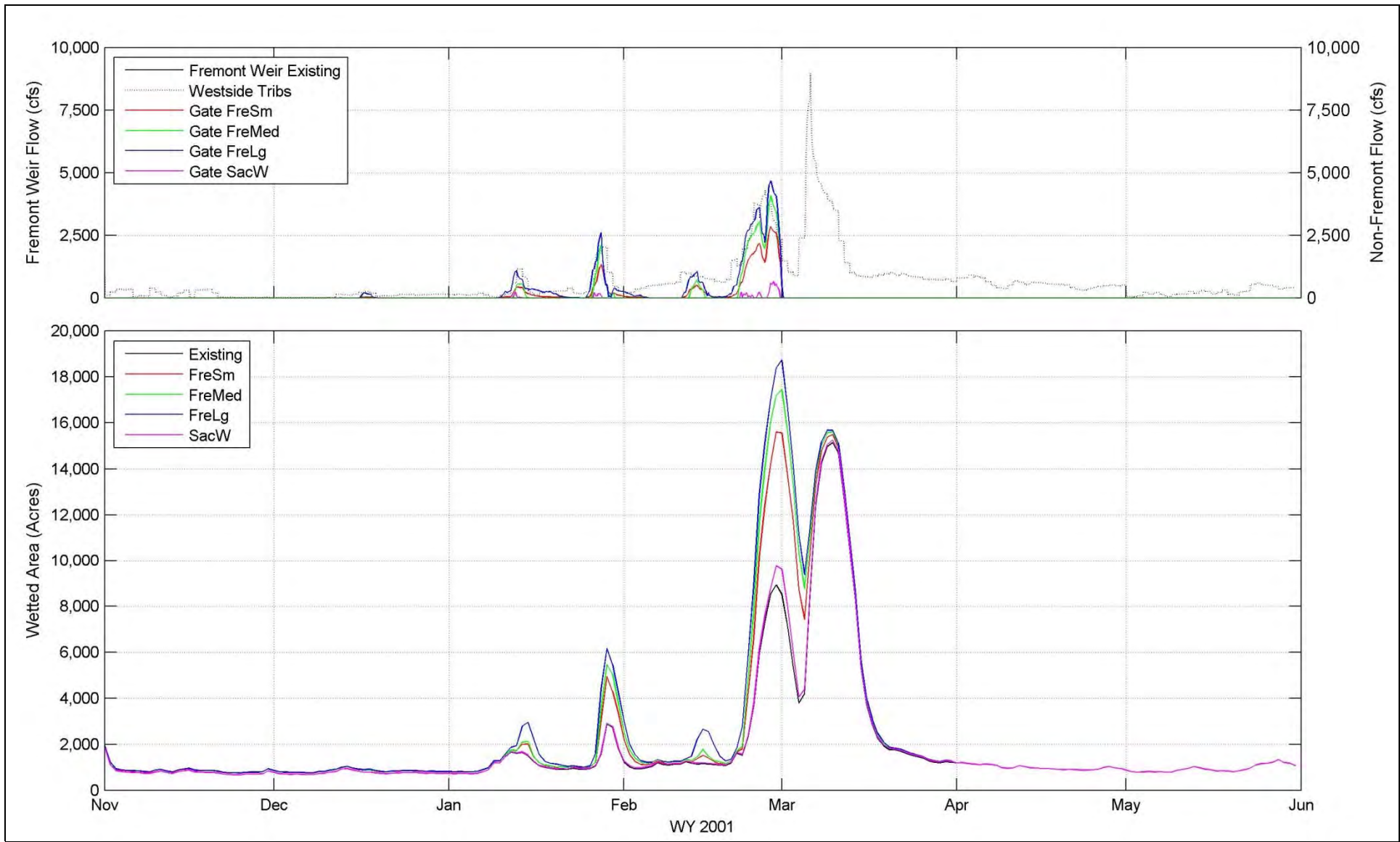
Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 2000 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D20**





Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)

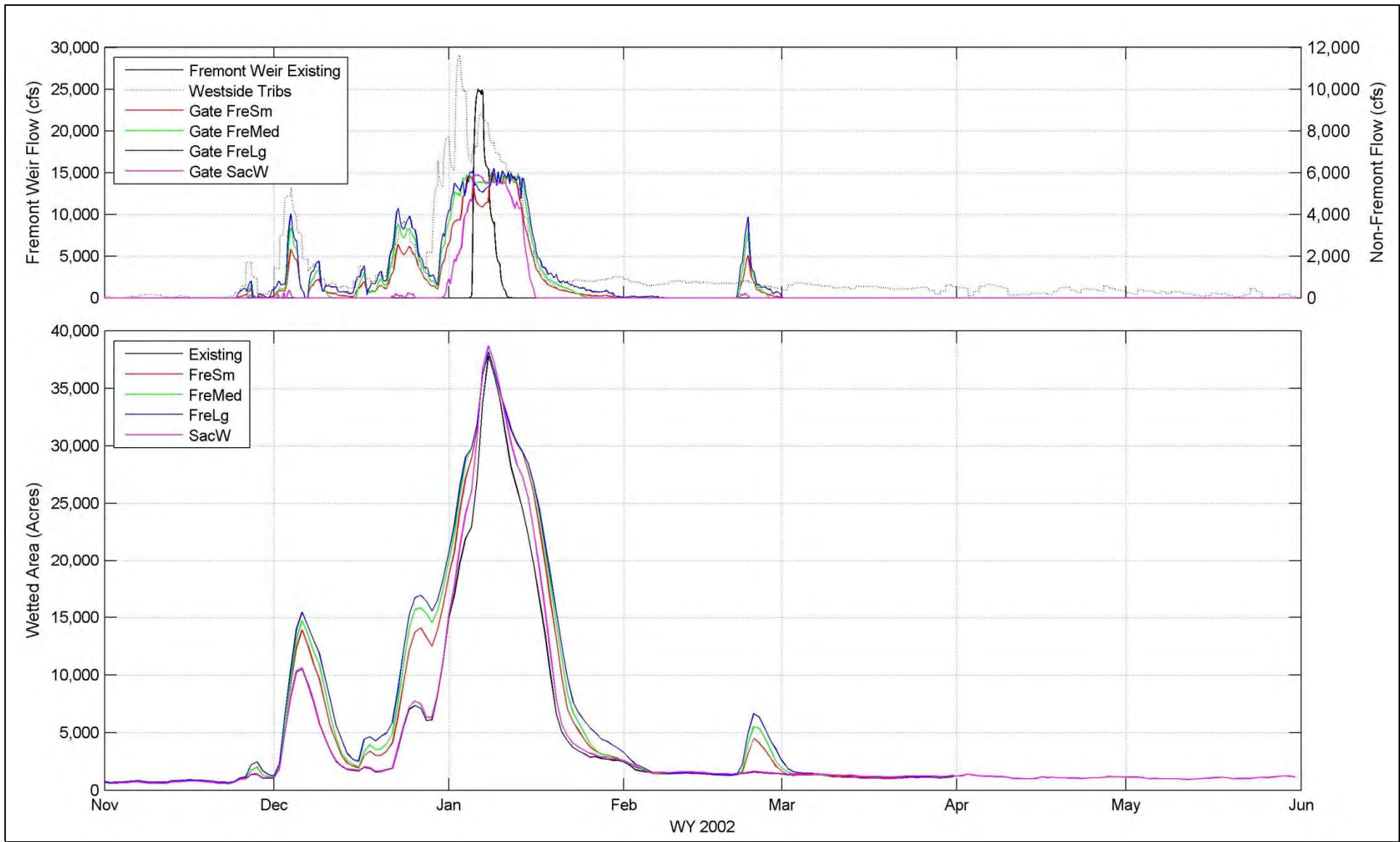


*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 2001 for Mar 1 Gate Closure**

Prepared for DWR

Created By: SJB

**Figure D21**

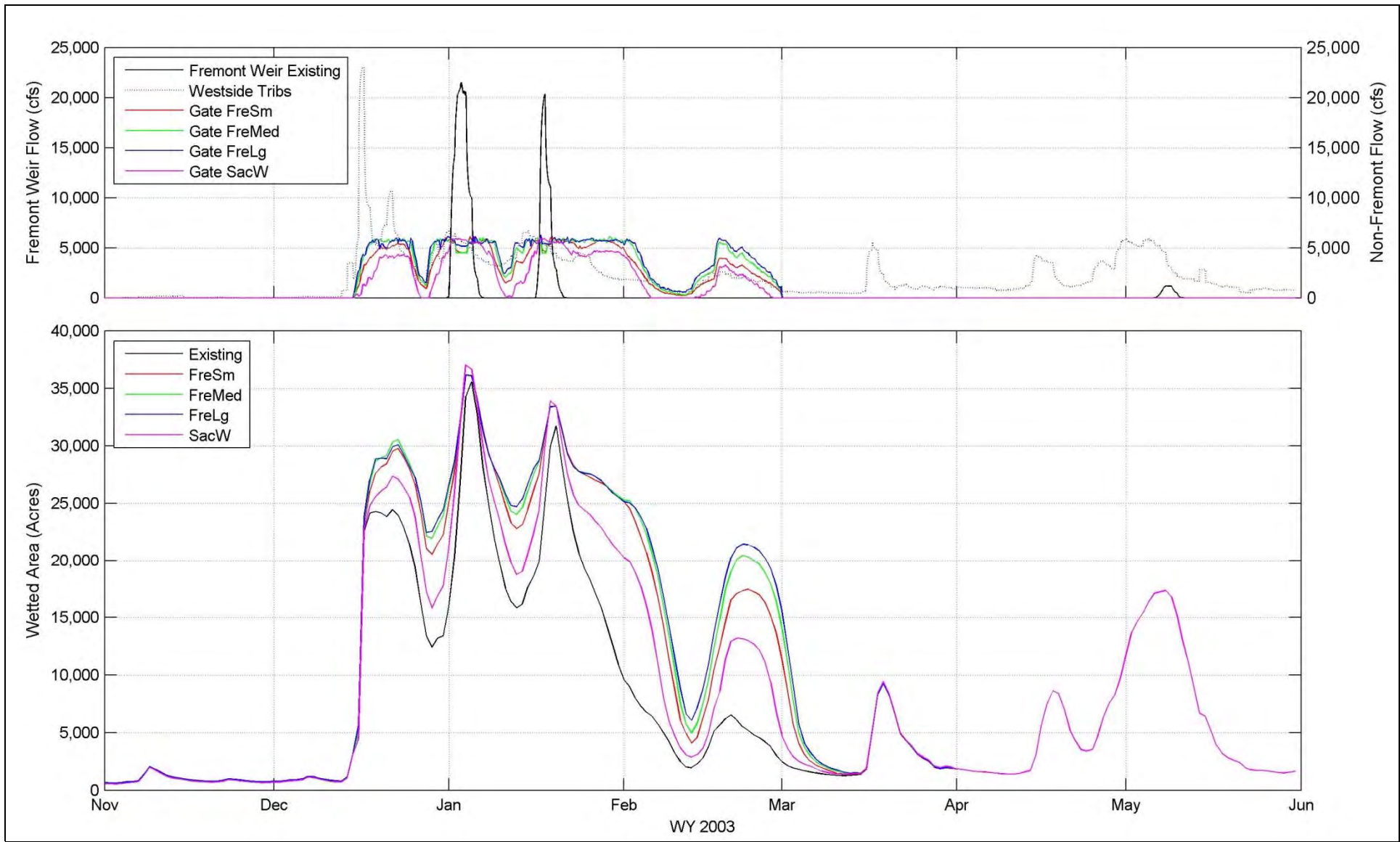


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 2022 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D22**



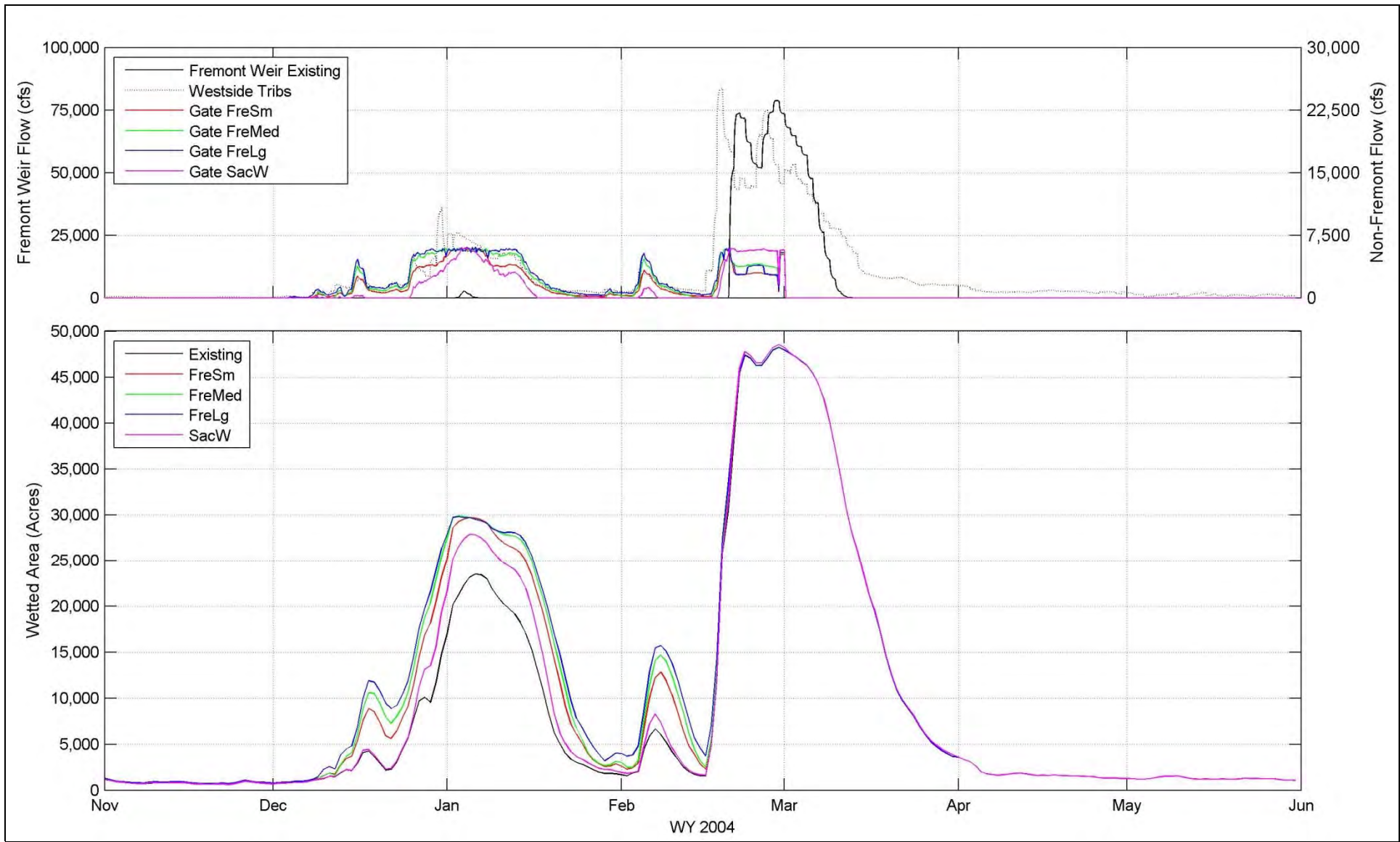
Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2003 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D23**



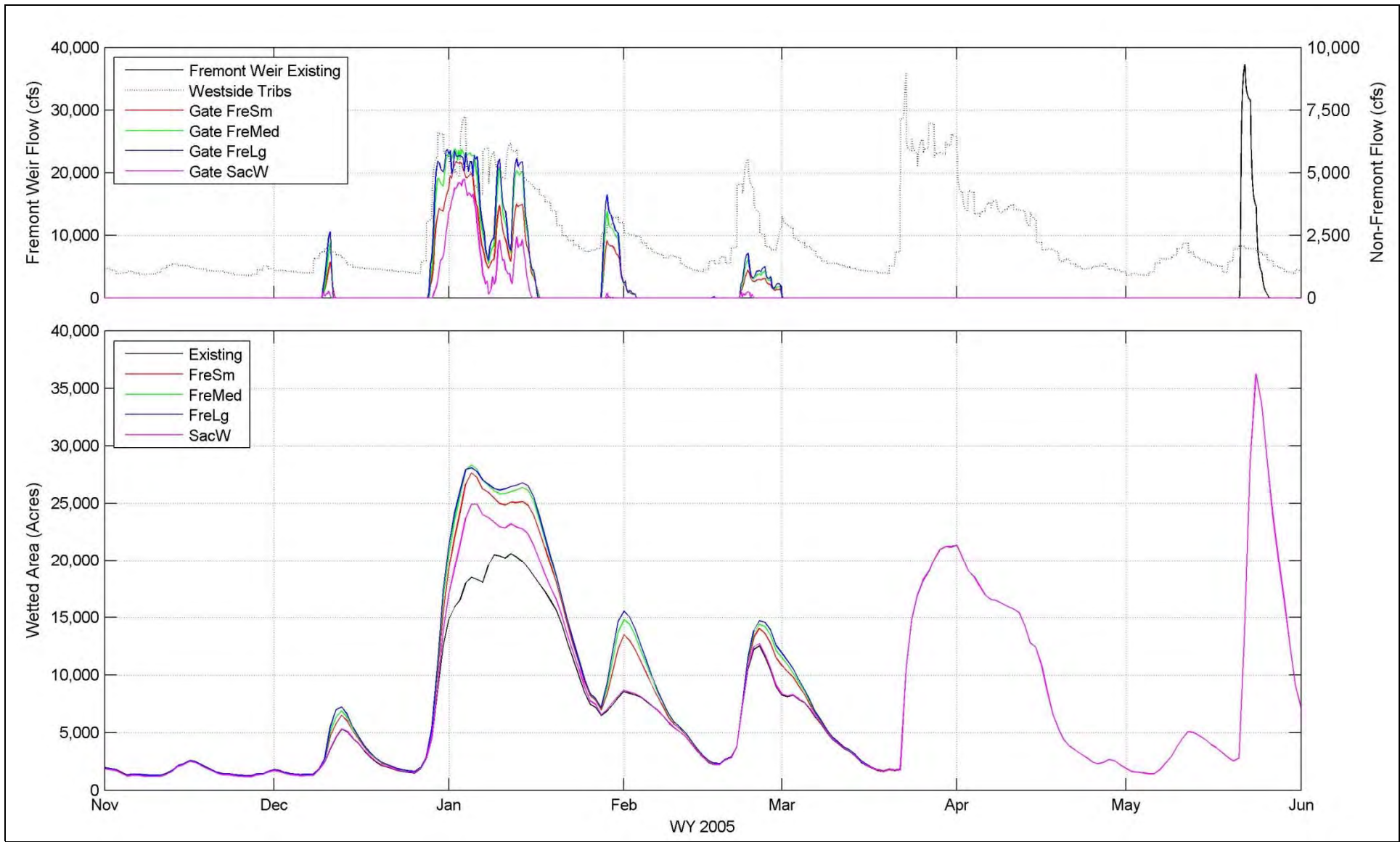


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2004 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D24**



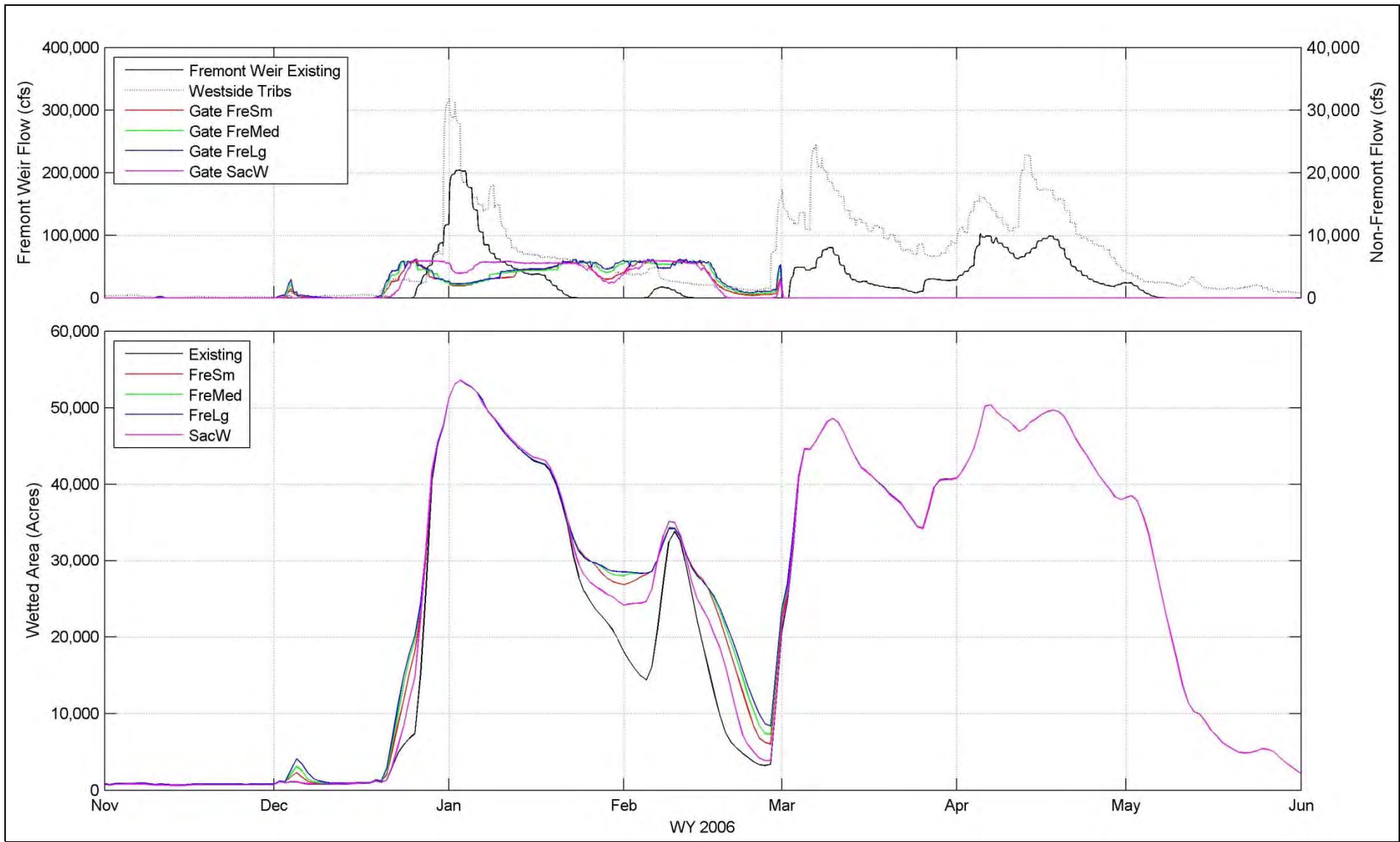
Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2005 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D25**



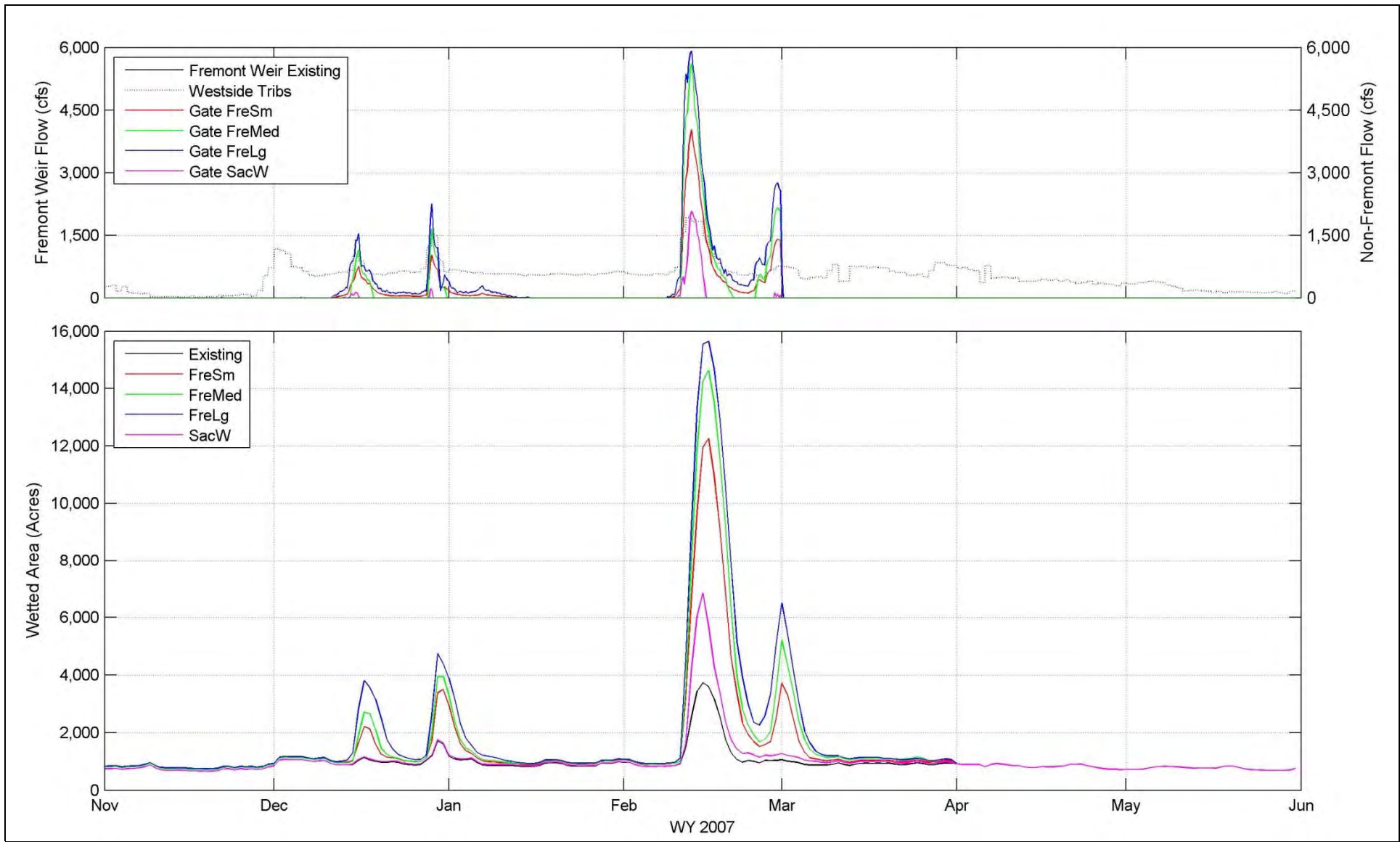


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



*Yolo Bypass Salmonid Habitat Restoration and Fish Passage*  
**Wetted Area for WY 2006 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D26**



Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)

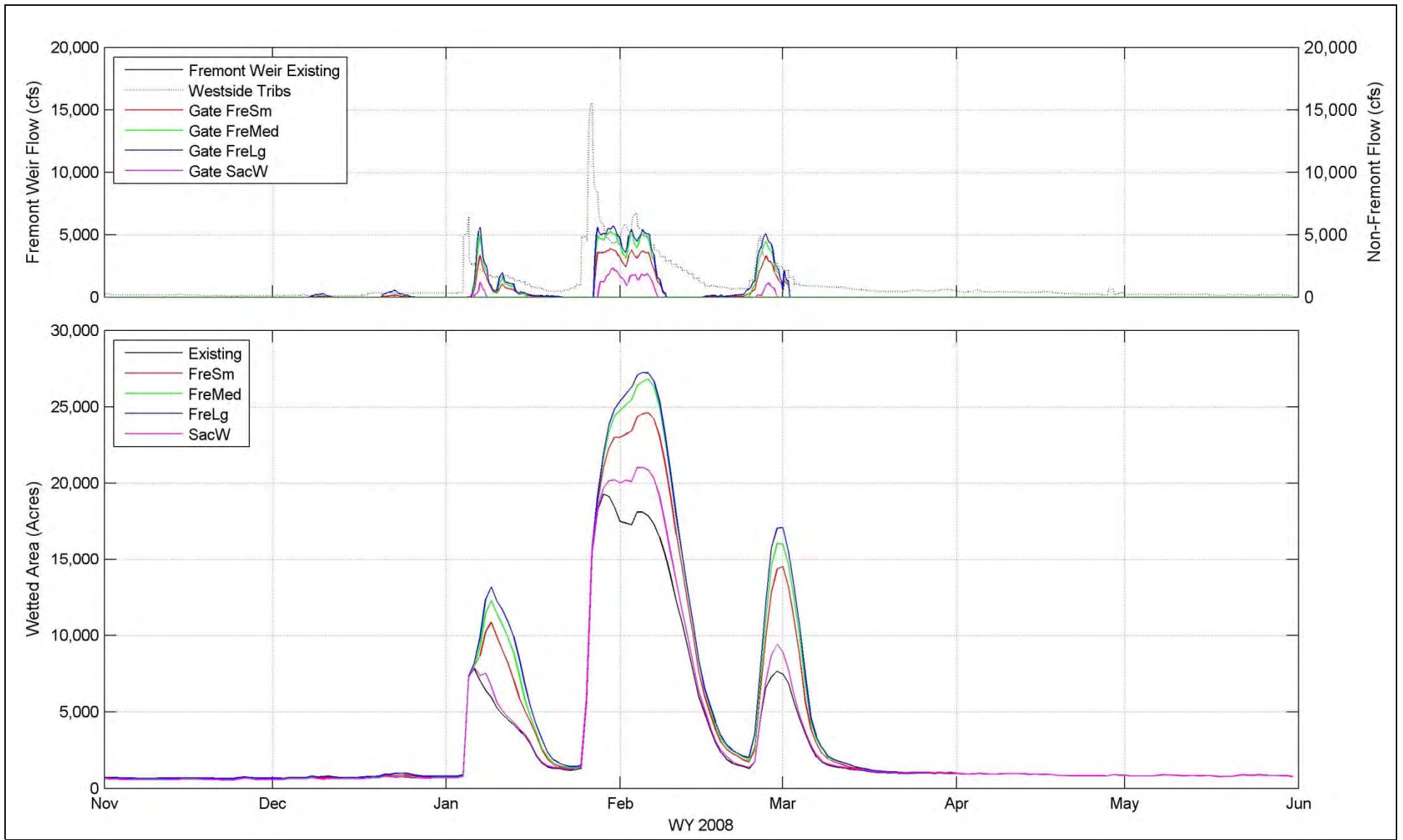


Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2007 for Mar 1 Gate Closure**

Prepared for DWR

Created By: SJB

**Figure D27**

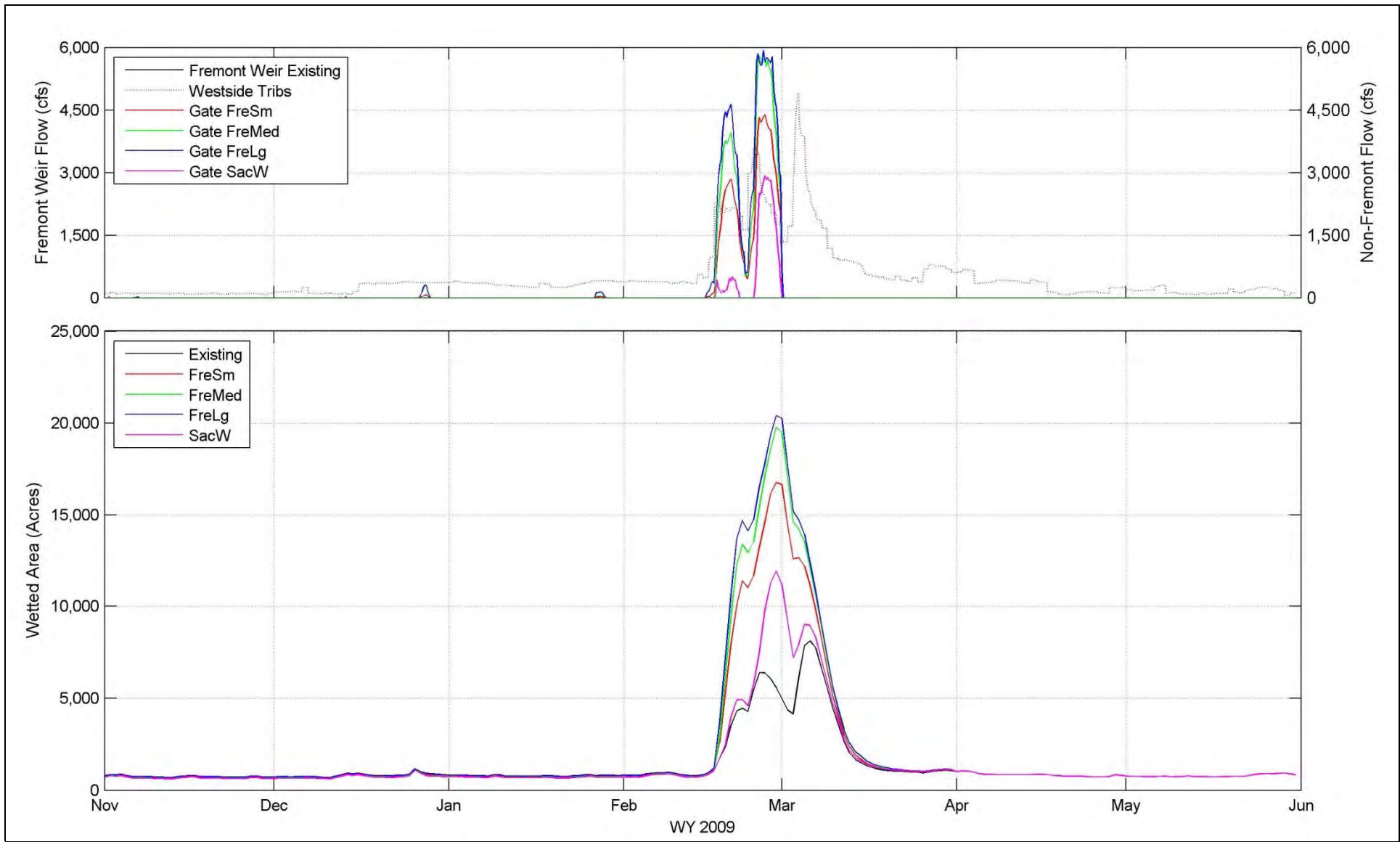


Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2008 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D28**



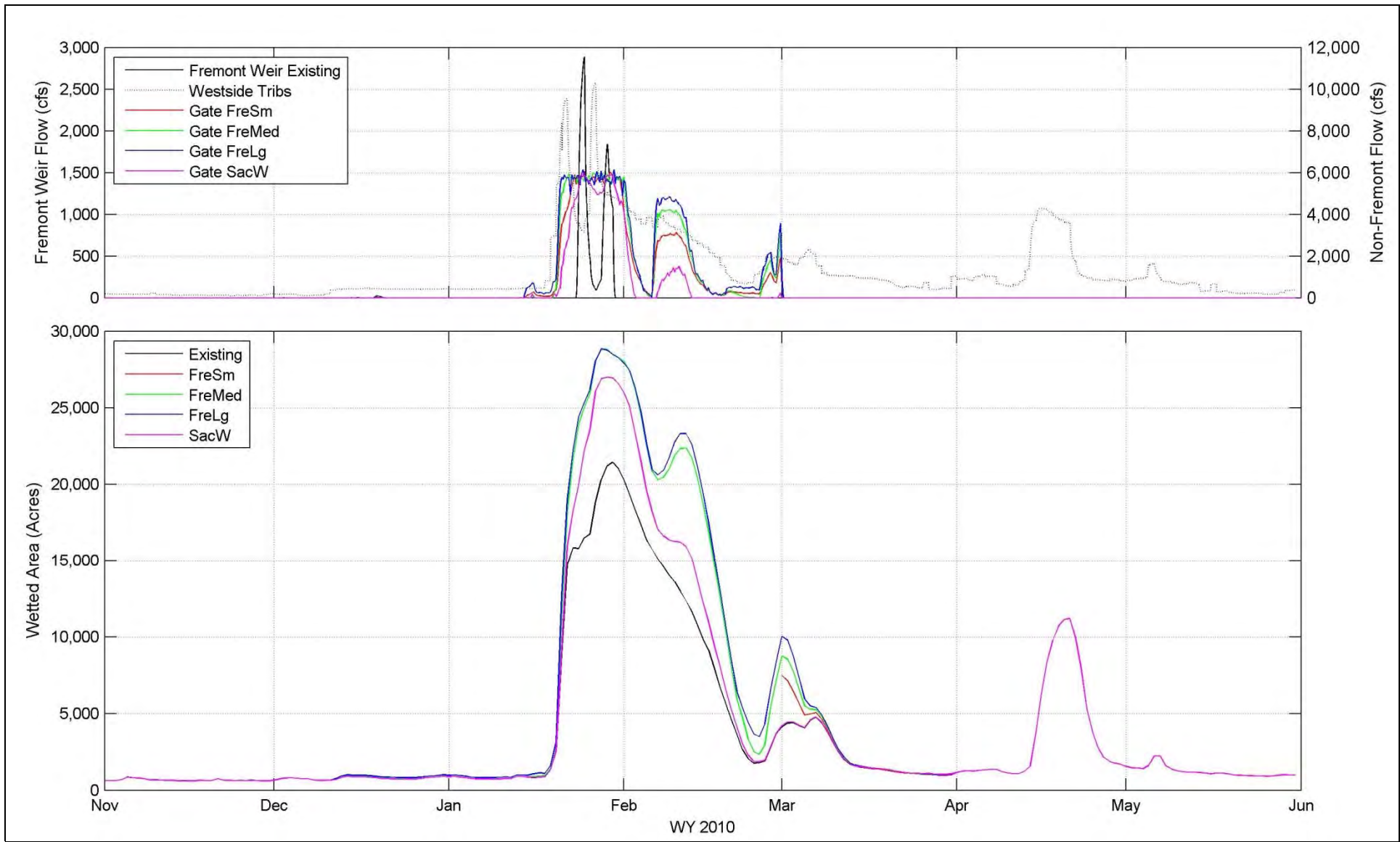
Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2009 for Mar 1 Gate Closure**

Prepared for DWR      Created By: SJB      **Figure D29**





Notes: TUFLOW model results showing wetted area (lower) and gate flows (upper)



Yolo Bypass Salmonid Habitat Restoration and Fish Passage  
**Wetted Area for WY 2010 for Mar 1 Gate Closure**

Prepared for DWR

Created By: SJB

**Figure D30**